THE STATE OF NEW HAMPSHIRE SUPREME COURT

APPEAL OF PNE ENERGY SUPPLY, LLC PURSUANT TO RSA 541:6 AND SUPREME COURT RULE 10 DOCKET NO._____

APPENDIX TO APPEAL BY PETITION

James T. Rodier, Esq. 1465 Woodbury Ave., No. 303 Portsmouth, NH 03801-5912 NH Bar No. 8583 603-559-99876 jtrodier@mbtu-co2.com

APPENDIX TO APPEAL BY PETITION PURSUANT TO RSA 541:6 AND SUPREME COURT RULE 10

TABLE OF CONTENTS

Administrative Hearing Transcript, Pleadings and Orders

- (1) Order No. 25,320 of the Public Utilities Commission ("PUC" or "Commission") dated January 26, 2012 (p. 1 hereto);
- (2) PUC Secretarial Letter dated June 19, 2012 granting PNE's Petition for Intervention in Docket No. DE 11-216. (p. 20 hereto).
 - (3) Transcript of Hearing (October 18, 2012) (p. 22 hereto).
 - (4) Transcript of Hearing (November 26, 2012) (p. 201 hereto).
- (5) Order No. 25,488 of the Public Utilities Commission dated April 8, 2013 Conditionally Approving Alternative Energy Default Service Pilot Program (p. 259 hereto);
 - (6) PNE's Motion for Rehearing dated May 7, 2013 (p. 289 hereto);
- (7) Public Service Company of New Hampshire's ("PSNH") Objection to Motion for Rehearing dated May 8, 2013 (p. 293 hereto);
 - (8) PNE's "brief reply" to PSNH's Objection dated May 9, 2013 (p. 298 hereto); and
- (9) Order No. 25, 509 dated May 14, 2013 denying PNE's Motion for Rehearing (p. 299 hereto).

STATE OF NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

DE 11-216

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

Petition to Establish an Alternative Default Energy Service Rate

Order Denying Petition

ORDERNO. 25,320

January 26, 2012

APPEARANCES: Gerald M. Eaton, Esq., and Sarah B. Knowlton, Esq., on behalf of Public Service Company of New Hampshire; James T. Rodier, Esq., on behalf of Freedom Energy Logistics and Halifax American Energy Company; the Office of Consumer Advocate on behalf of residential ratepayers by Meredith A. Hatfield, Esq.; and Suzanne G. Amidon, Esq., on behalf of Commission Staff.

I. PROCEDURAL HISTORY

On September 23, 2011, Public Service Company of New Hampshire (PSNH or Company) filed a petition for approval of an Alternative Default Energy Service Rate ADE. In support of its petition, PSNH filed the testimony of Stephen R. Hall, the Company's Rate and Regulatory Services Manager, with attachments consisting of illustrative tariff pages. PSNH made the filing pursuant to Commission Order No. 25,256 (July 26, 2011) in Docket No. DE 10-160, *Public Service Co. of N. H., Investigation of the Effects of Customer Migration.* In Order No. 25,256, the Commission directed PSNH to develop and file as part of its 2012 default energy service filing "alternate rates and tariffs for customers who return to PSNH default energy service from competitive supply." Order No. 25,256 at 40. In its petition, PSNH recommended that Rate ADE become effective on January 1, 2012.

PSNH said that Rate ADE will be consistent with RSA 369-B:3, IV(b)(1)(A)since it will be based on PSNH's actual costs, which for Rate ADE is the forward market price (PSNH's

DE 11-216 - 2 -

marginal cost) for power necessary to serve additional customers returning from competitive supply to PSNH's default energy supply. In its petition, PSNH proposed an adder to Rate ADE to recover the non-operating costs of the newly-installed wet flue gas fluidized desulfurization system (Scrubber Project) at Merrimack Station. PSNH said that Rate ADE cannot take effect until the Scrubber Project is providing service to customers and, because that had not occurred at the time of the initial filing, PSNH had not proposed a Rate ADE amount. PSNH stated that, as is customary in cases involving establishment of its default energy service rate (Rate DE), it would update the filing just prior to the hearing in the docket. PSNH expected to have more information regarding the in-service date and the costs of the Scrubber Project at that time to use in calculating the appropriate rate level and effective date for Rate ADE.

The Commission issued an order of notice on October 5, 2011 scheduling a prehearing conference for October 17, 2011. On October 12, 2011, the Office of Consumer Advocate (OCA) notified the Commission of its participation in this docket on behalf of residential ratepayers consistent with RSA 363:28. On October 13, 2011, Freedom Logistics, LLC d/b/a Freedom Energy Logistics and Halifax-American Energy Company, LLC (FEL/HAEC) filed a joint petition to intervene. On October 14, 2011, PSNH filed an objection to FEL/HAEC's petition to intervene; the Commission granted the joint petition by a secretarial letter dated October 20, 2011 and also approved a procedural schedule including a hearing scheduled for December 19, 2011.

PSNH filed the supplemental testimony of Mr. Hall and testimony of Frederick White on October 14, 2011 and included an update of Rate ADE using estimated costs for the Scrubber Project. Mr. White is a Supervisor in the Wholesale Power Contracts department of Northeast Utilities (NU) Service Company, the entity which provides services to NU's affiliates, including

- 3 -

PSNH. The testimony claimed that the Scrubber Project at Merrimack Station began operation on September 28, 2011 and was used and useful as of that date. PSNH calculated the adder comprising the non-operating costs of the scrubber to be 0.97 cents per kilowatt hour (kWh). PSNH stated that it would further update Rate ADE closer to the date of the hearing in this matter.

On November 4, 2011, Commission Staff filed a letter requesting that the Commission either assign a separate docket for consideration of the Scrubber Project costs, or extend the time within the current docket for consideration of those costs. Staff indicated that all parties except PSNH agreed with its recommendations. In its November 4, 2011 response to Staff's recommendation, PSNH said that while it agreed that the prudence and amount of Scrubber Project costs could be determined by the Commission in a separate docket, it would be in the best interest of PSNH customers to place the estimated Scrubber Project costs into ES rates as of January 1, 2012 to avoid deferral of approximately \$61 million.

On November 15, 2011, the Commission determined that it would open a separate docket in which to consider the in-service status, PSNH's prudence, the appropriate rate treatment and the costs of the Scrubber Project. The Commission stated that costs of the Scrubber Project would not be included in any PSNH rates proposed for effect January 1, 2012. The Commission also said that it would treat the October 14, 2011 filing as PSNH's petition in that separate docket.

On November 17, 2011, PSNH filed a motion for protective treatment for its response to data request OCA 1-8 that requested a "fully functioning electronic copy of the 'power supply portfolio model'" referenced in the Company's supplemental testimony. FEL/HAEC filed an

¹ The Commission designated Docket No. DE 11-250 as the docket for investigation of the Scrubber Project costs.

- 4 -

objection to PSNH's motion for protective treatment on November 29, 2011; FEL/HAEC withdrew its objection at hearing.

On November 22, 2011, PSNH filed the second supplemental testimony of Mr. Hall in response to the Commission's decision to consider Scrubber Project costs in a separate docket. In that testimony, the Company said that the Commission could still establish a Rate ADE for use as of January 1, 2012 by establishing Rate ADE equal to PSNH's marginal cost of providing energy service plus an adder of one cent per kWh. PSNH said that the one cent adder could remain in place until such time as PSNH begins to recover the costs of the Scrubber Project through its ES rate. PSNH further updated the filing on December 14, 2011. Based on its updated forecast, the Company estimated its marginal cost of power to be 6.33 cents per kWh, plus the one cent per kWh adder referred to in its November 22 filing. As a result, PSNH requested approval of a Rate ADE of 7.33 cents per kWh. The parties filed written closing statements on December 21, 2011.

II. POSITIONS OF THE PARTIES AND STAFF

A. Public Service Company of New Hampshire

PSNH testified that Rate ADE was developed pursuant to Order No. 25,256 in Docket No. DE 10-160. Consistent with RSA 369-B:3, IV(b)(1)(A), PSNH designed Rate ADE based on PSNH's actual cost, which for Rate ADE is the forward market price (PSNH's marginal cost) for power necessary to serve additional customers returning to PSNH's ES rate, plus an adder based on the non-operating costs of the Scrubber Project. As proposed by PSNH, Rate ADE would only be available to customers who take delivery service under Primary General Service Rate GV, Large General Service Rate LG, or Backup Service Rate B (the rate classes for PSNH's largest customers) and who return to PSNH energy service after having taken energy

DE 11-216 - 5 -

service from one or more competitive suppliers for at least twelve months. The Company said that it had not designed a product for residential or small commercial customers who return to PSNH from competitive supply because such customers were billed under a different billing system than Rate GV, Rage LG and Rate B customers, and reprogramming that separate billing system would be a major effort.

According to the Company, the proposed Rate ADE was designed so that once a customer terminated service from a competitive supplier following at least twelve consecutive months of taking competitive supply, that customer must take energy service from PSNH under Rate ADE during any of the next twenty-four months. Because the default energy service rate (Rate DE), also known as Energy Service (ES), would not be available to customers during the twenty-four month period, PSNH also proposed to change the availability of Rate DE to clarify that it is not available to customers who are required to take service under Rate ADE.

To illustrate how Rate ADE would be applied, PSNH assumed that a qualifying customer has been taking service from a competitive supplier for at least twelve consecutive months and decides to return to PSNH for energy service. The commencement of service under Rate ADE would start a twenty-four month "clock" during which the customer may take service either under Rate ADE or from a competitive supplier, with no restrictions on transferring from PSNH to the competitive market or vice versa. During this twenty-four month period, if the customer subsequently switches to a competitive supplier for at least twelve consecutive months, the twenty-four month "clock" is reset and begins counting anew when and if the customer returns to PSNH for energy service. If the customer switched to competitive supply but returns to Rate ADE within twelve months, the original twenty-four month "clock" continues to run. Once the

DE 11-216 - 6 -

twenty-four month period expires, the customer would thereafter be rendered service under Rate DE as long as the customer takes energy service from PSNH.

According to PSNH, prices under Rate ADE may be less than or greater than under Rate DE, depending upon PSNH's then-current marginal costs. At present, PSNH's marginal cost of providing energy service is lower than its average cost, resulting in pricing of Rate ADE to be below the pricing under PSNH's Rate DE. PSNH explained that limiting the availability of Rate ADE to customers who have taken service from a competitive supplier for at least twelve months will ensure that customers who are currently taking service under Rate DE don't terminate such service for a brief period for the sole purpose of qualifying for service under Rate ADE. Without this limitation, customers could switch from Rate DE to the competitive market and return for a period as short as one month for the sole purpose of qualifying for Rate ADE and receive a lower price, resulting in revenue loss to the detriment of all remaining Rate DE customers. The Company claimed that this limitation will prevent "gaming" by customers who would otherwise frequently switch between service from a competitive supplier and energy service from PSNH.

In the event that market prices increase in the future, PSNH's marginal cost of providing energy service could be in excess of its average cost. If that situation occurs, Rate ADE would be priced above Rate DE. According to the Company, in such an event, customers who have been taking energy service from the competitive market would then have an incentive to return to Rate DE at the very time that increased load under Rate DE would result in higher rates for all other customers. To avoid this situation, any customer who returns to energy service from PSNH after at least twelve consecutive months of service from a competitive supplier must take such service under Rate ADE rather than under Rate DE.

DE 11-216 - 7 -

PSNH proposed to determine Rate ADE on an annual basis in the same time frame that PSNH determines its Rate DE. Under this scheme, prices would be effective January 1 of each year but would be subject to a mid-year adjustment on July 1 to the extent that forward market prices for the second half of the year are materially different than they were at the time that the rate was initially calculated.

The Company said that the price would be a forecast of the marginal cost to provide full requirements service to the New Hampshire load zone, plus an adder. The forecast of the marginal cost will include forward energy market prices, forward capacity market prices, forecasted ancillary service costs, forecasted Independent System Operator-New England (ISO-NE) market administration costs and forecasted renewable portfolio standard compliance costs, all of which will be determined in a manner consistent with that utilized in calculating Rate DE. In practice, the marginal cost to provide full requirements service to the New Hampshire load zone will be calculated as the change in cost to serve energy service load divided by the change in energy service sales resulting from the removal of migration from the energy service forecast.

PSNH originally proposed that the adder be equal to the non-operating costs of the Scrubber Project. Exh. 1 at 6-7. Following the Commission's letter of November 15, 2011 which stated that the costs of the Scrubber Project would not be considered in the instant docket, the Company proposed an adder of one cent per kWh. Exh. 2 at 3. PSNH proposed keeping the one cent per kWh adder in place until such time as PSNH begins to recover the costs of the Scrubber Project in energy service rates, at which point the adder would be calculated based on the non-operating costs of the Scrubber Project. *Id.* The Company said that PSNH's customers could benefit by the implementation of Rate ADE even without recovery of the Scrubber Project costs because the adder "will provide benefits to all other customers that will not otherwise

- 8 -

exist." PSNH said that the purpose of the adder to be paid by customers who return to Rate ADE from competitive supply is to provide revenue in excess of PSNH's marginal cost for the benefit to all other energy service customers. *Id.* at 4.

The Company said that the adder of one cent per kWh was reasonable, based on its judgment and stated that it doesn't really matter how the adder is calculated as long as it exists and provides benefits to all customers. PSNH also agreed that if no customers took service under Rate ADE, the proposal would not address certain issues that were explored in Docket No. DE 10-160, because the remaining customers taking service under Rate DE would still be paying for all of PSNH's fixed generation costs.

In its closing statement, PSNH said that its proposed Rate ADE complied with RSA 369-B:3, IV(b)(1)(A) and that it had appropriately calculated its marginal costs based on forward market prices for 2012, including capacity costs, ancillary services, Renewable Portfolio Standard costs and ISO-NE expenses that would be incurred by the return of customers from competitive supply. PSNH claimed that Rate ADE is reasonable and designed to attract customers back to default service and that the rate is adequate enough to provide a contribution to fixed energy service costs, but not so high as to discourage customers from switching to Rate ADE. In addition, PSNH said Rate ADE was designed to prevent customers "gaming" for the lowest energy service rate.

According to PSNH, the proposed Rate ADE is not discriminatory. The Company said that absolute equality in rates is not required and that there is no undue preference afforded to those customers who qualify for Rate ADE. PSNH stated that the expense and administrative burden of reprogramming the billing system under which small customers are billed is not

- 9 -

justified given the small number of such customers who have migrated and the small amount of associated load.

PSNH also argued that Rate ADE will not unduly harm competition. The Company said the purpose of the rate is to provide an alternative default service price for customers taking service from competitive suppliers and contribute to the default service costs above marginal costs; and that the proposed Rate ADE is another price signal for customers to use when comparing offers from competitive suppliers.

PSNH concluded by requesting that the Commission approve Rate ADE to provide migrated customers with an opportunity to return to energy service from PSNH at a time when market prices are low and to avoid the incurrence of higher costs by standard energy service customers as a result of migrated customers returning to energy service supplied by PSNH when the market price for energy is high. PSNH noted that all of the benefits realized from providing energy to returning customers at a price in excess of marginal costs will flow to standard default energy service customers.

B. FEL/HAEC

FEL/HAEC said that "default service" is electricity supply that is available to retail customers who are otherwise without an electricity supplier pursuant to RSA 374-F:2, VI. FEL/HAEC said that large customers have competitive supply available to them and therefore the proposed Rate ADE is prohibited by the statute. Further, FEL/HAEC pointed out that the price of default service for PSNH should be its "actual, prudent, and reasonable costs of providing such power" pursuant to RSA 369-B:3, IV (b)(1)(A).

FEL/HAEC said that PSNH hopes that Rate ADE will attract large customers from the competitive market; however, because the rate is based on PSNH's marginal cost, or market cost,

DE 11-216 - 10 -

it will be very unlikely that Rate ADE will be attractive to any large PSNH customer unless the customer has very poor credit. FEL/HAEC concluded by saying that implementation of Rate ADE would not address PSNH's financial problems.

C. Office of Consumer Advocate

The OCA argued that, pursuant to RSA 369-B:3, IV(b)(1)(A), the price of default service must be PSNH's actual, prudent and reasonable costs of providing such power. According to the OCA, PSNH's proposal violates this requirement because it includes a penny "adder" that the Company admits is not based upon the cost to provide the service but rather is based on the Company's judgment that a penny seems right. The OCA pointed out that one cent per kWh was very close to the Company's original adder, which was calculated to recover certain costs associated with the Scrubber Project. Because the ADE proposal does not represent PSNH's actual costs of providing energy service, the OCA concluded that there is no legal basis to approve it.

The OCA noted that one of the purposes of the adder, according to PSNH, is to provide additional revenues in the event that the estimated costs of providing ADE service is too low. PSNH stated at hearing, however, that it is possible that the proposed ADE rate, even with the adder, will be too low to recover the actual costs of providing the service, and any underrecovery will be collected from all regular default service customers. The OCA opined that this effect undermines the purpose of Rate ADE, which is to reduce the costs and risks to default energy service customers resulting from migration.

The OCA then argued that PSNH's second reason for the adder, to provide benefits to regular default service customers, is problematic, as PSNH said at hearing that if no customers take Rate ADE, there will be no benefit to regular default service customers. The OCA further

DE 11-216 - 11 -

pointed out that customers eligible for Rate ADE could "game the system," thus obviating any benefits to those who are not eligible to take Rate ADE.

The OCA argued that the proposed Rate ADE is discriminatory because it is not available to all customers. The OCA noted that the Commission's order in Docket No. DE 10-160 stated that alternate rates must be cost-based and non-discriminatory. According to the Company, PSNH will not offer Rate ADE to all residential and small commercial customers who have migrated, in part due to billing software changes that would be necessary. The OCA opined that, as a result, the Rate ADE proposed by PSNH violates RSA 378:10, which prohibits preferences or discrimination in rates. The OCA also noted that the Company had not conducted an analysis of the impact of Rate ADE on competition.

The OCA said that it was troubling for small customers that the ADE rate, which would not be available to small customers even if they have migrated, is so much lower than regular default service. For example, the regular default service rate was calculated at 7.91 cents per kWh for 2012 in Docket No. DE 11-215 while the marginal cost to serve incremental load in the instant proceeding was estimated to be 6.33 cents per kWh. The implication, according to the OCA, is that the cost related to PSNH using its own plants to provide regular default service is 1.58 cents per kWh more than the cost of buying power from the market. The OCA noted that this rate did not take into account the additional estimated costs related to the Scrubber Project, for which PSNH had proposed to add an additional 1.18 cents per kWh to regular default service, for a total default service rate of 9.09 cents per kWh for 2012. The OCA said that these rate comparisons illustrate that the excess cost of PSNH's aging fleet is increasing rates for customers, thus driving up customer migration, and also demonstrates that the ADE rate is

DE 11-216 - 12 -

unjust, unreasonable, discriminatory and not palliative of the effects of migration on customers taking default service from PSNH.

The OCA pointed out that PSNH did not work collaboratively with other parties to develop its Rate ADE as encouraged by the Commission in Order No. 25,256, nor did it seek any customer feedback in developing the proposal. In conclusion, the OCA requested that the Commission reject the proposed ADE rate and require PSNH to work with interested parties and Staff in the development of a new proposal that actually addresses the cost-shifting problems from migration.

III. COMMISSION ANALYSIS

A. Motion for Protective Treatment

PSNH requested protective treatment for its response to OCA 1-8 which provided "a fully functioning electronic copy" of the Company's power supply portfolio model used by the Company to evaluate its generation and load responsibilities in both power and environmental markets. PSNH claimed a privacy interest in the response. According to the Company, the model contains all of the inputs used to develop not only the ADE service rate but the default energy service rate itself. While some of the of the proprietary assumptions and information regarding generating unit characteristics were removed from the model because they were not necessary to the calculation of the ADE Rate, the Company claimed that it would be disadvantaged if the model were released publicly, particularly to competitive electric suppliers. If the information about how the Company modeled its load as well as its needs for wholesale procurement of energy or Renewable Energy Certificates (RECs) were publicly available, PSNH said its ability to negotiate the best possible prices could be compromised to the detriment of its customers. In addition, PSNH stated that if the Company's portfolio strategies were revealed to

DE 11-216 - 13 -

competitive electric suppliers, they may gain an ability to negotiate with customers who might seek to migrate away from the Company's energy service rate. The Company said that this would be particularly harmful since the purpose of the ADE Rate is to attract customers back to taking electricity from PSNH.

The Right-to-Know Law provides each citizen with the right to inspect public information in the possession of the Commission. RSA 91-A:4, I. We have had occasion to rule on motions for confidential treatment in the context of confidential, commercial, and financial information regarding utilities and their affiliates. *See, Unitil Corporation and Northern Utilities, Inc.*, Order No. 25,014 (September 22, 2009) 94 NH PUC 484 and *Public Service Co. of New Hampshire*, Order No. 25,037 (October 30, 2009) 94 NH PUC 611.

Following the approach in these cases, we consider the three-step analysis applied by the New Hampshire Supreme Court in *Lambert v. Belknap County Convention*, 157 N.H. 375, 382 (2008) in determining whether the information identified by PSNH should be deemed confidential and private. First, the analysis requires an evaluation of whether there is a privacy interest at stake that would be invaded by the disclosure. If no such interest is at stake, the Right-to-Know law requires disclosure. *Id.* at 382-83. Second, when a privacy interest is at stake, the public's interest in disclosure is assessed. *Id.* at 383. Disclosure should inform the public of the conduct and activities of its government; if the information does not serve that purpose, disclosure is not warranted. *Id.* Finally, when there is a public interest in disclosure, that interest is balanced against any privacy interest in non-disclosure. *Id.*

We have reviewed the response to OCA 1-8 *in camera* and have determined that this information is confidential to PSNH. If this information were made public, and made accessible to competitive electric suppliers, PSNH would be at a competitive disadvantage in establishing

DE 11-216 - 14 -

Rate ADE. The result could be detrimental to the customers who continue to take energy service from PSNH. We find that disclosure of this information could harm customers who might end up paying higher costs for energy service if the portfolio strategy were disclosed. Further, disclosure of this information does not provide the public with any information regarding the Commission's statutory responsibilities. Therefore, we do not find that the public has an interest in disclosure of this information and grant the motion for confidential treatment in the response to data request OCA 1-8. We will not address FEL/HAEC's objection because it was withdrawn at hearing.

B. Rate ADE

PSNH's filing was made pursuant to Order No. 25,256 in Docket No. DE 10-160, which was opened because PSNH had demonstrated that, as energy service customers migrate to third party competitive supply during a time when the marginal cost to serve is lower than the average cost to serve, Rate DE increases for those customers (primarily residential and small commercial customers) who continue to take energy from PSNH. Among other things, Order No. 25,256 directed PSNH to file an alternative proposed rate for customers who return to PSNH energy service from competitive supply. The Order also identified issues to take into account regarding the design of an alternative default service rate. Specifically, the proper design of rates would need to; discourage the long-term use of default service (RSA 374-F:3, V(c)), be based on PSNH's actual, prudent and reasonable costs of providing such service (RSA 369-B:3,IV(b)(1)(A)), and be nondiscriminatory to be consistent with the policy principles of RSA 374-F. Order No. 25,256 at pp. 31-32.

PSNH designed Rate ADE based on its marginal cost for power necessary to serve additional customers returning to PSNH's default energy supply plus an adder to provide

DE 11-216 - 15 -

benefits to customers who continue to take service under PSNH's Rate DE. The specific marginal cost rate proposed in PSNH's December 14 updated filing is 6.33 cents per kWh; and the adder proposed by PSNH is one cent per kWh based on its subjective judgment that one cent is an appropriate adder. The result would be a Rate ADE of 7.33 cents per kWh, which is almost a penny less than the ES rate of 8.31 cents per kWh that we approved in Order No. 25,313 (December 30, 2011) in Docket No. DE 11-215.

Our first concern is that the pricing of Rate ADE may not reflect market prices. PSNH proposes to adjust Rate ADE twice a year, in January and July, which is the schedule for its adjustments to the ES and stranded cost adjustment charge rates; and it proposes to establish those rates based on forecasts of power costs. If market prices suddenly increased or decreased, for example, in March or August of any year, under PSNH's proposal, Rate ADE would remain unchanged.

If market prices increased during the six-month period between rate adjustments, Rate ADE would be more attractive to customers who had migrated to competitive supply, and those customers could return to PSNH for energy service. If qualifying load returned to PSNH at a lower-than-market Rate ADE, PSNH would not collect sufficient revenue from returning load to pay the marginal cost of power. In this example, PSNH would have to purchase power on the market at a higher rate than the revenue collected through Rate ADE. Because the ADE rate is not reconciled to actual costs as is the DE rate, in a rising market, PSNH would then expect to recover any under-collection due to Rate ADE from customers remaining on Rate DE. Those remaining customers would pay not only the actual cost of power they receive but the additional under-collection amount associated with Rate ADE, exacerbating existing adverse effects of customer migration on the Rate DE customer group.

DE 11-216 - 16 -

If market prices suddenly and significantly decreased, PSNH has acknowledged that Rate ADE customers could migrate to competitive supply and there would be no benefit to customers remaining on Rate DE. PSNH's failure to consider significant and unexpected market swings in the design of the rate could have the unintended consequence of either (1) increasing costs to customers who remain on PSNH's Rate DE, or (2) denying the benefit intended by Rate ADE. While the rate fluctuations used in these examples may seem unlikely, the examples suggest that further development is warranted.

Our second concern is that the Company designed Rate ADE so that that any customer returning to Rate ADE following 12 consecutive months of taking energy from a competitive supplier must remain on Rate ADE for a 24-month period; however, during that 24-month period, a customer would be able to move between competitive supply and Rate ADE on a monthly basis, as long as the customer did not stay with a competitive supplier for a consecutive 12-month period. The risk that customers will switch from PSNH's Rate ADE to competitive supply, whichever is at lowest cost – a form of "gaming" – is inherent to the rate design. The ability of the customer to move back and forth between competitive supply and Rate ADE, combined with fact that Rate ADE is fixed for a period of six months, increases the possibility that PSNH will under-recover costs in Rate ADE, resulting in higher costs for Rate DE customers than currently results from existing customer migration.

Finally, we find that the record does not support the calculation of the adder at one cent per kWh. Furthermore, there is enough uncertainty in the rate design to suggest that the one cent per kWh may not collect enough revenue to cover unexpected price spikes in the marginal cost of electricity that would be used to supply Rate ADE load.

DE 11-216 - 17 -

With respect to other issues raised during the proceeding, the OCA argued that the proposed Rate ADE is discriminatory because it would not be offered to residential and small commercial customer rate class customers who had migrated to competitive supply, having been designed for only large commercial customers. PSNH should have as its ultimate goal the design of an alternate energy service rate that would be available to customers in all rate classes who qualify for the alternative rate upon their return to PSNH from competitive supply; however, we do not find it discriminatory or preferential that PSNH begin to offer an alternative rate to its large customers, who comprise the greatest amount of load that has migrated to competitive supply.

The OCA also argued that PSNH should have worked collaboratively with other parties to develop its proposal. In Order No. 25,256, we said that it "could prove useful" for PSNH to work with other parties in developing its alternative rate design. Order No. 25,256 at 33. While it is true that the Company was not required to seek assent in developing its proposal, the course of this proceeding does speak to the benefits of working with parties who have expressed an interest in the alternate rate design inasmuch as such collaboration may have led to the design of a mechanism that would have addressed many of the concerns raised above. Therefore, we expect that in a future filing PSNH will demonstrate its efforts towards collaboration; at the same time we want to make clear that PSNH is not compelled to submit a filing that is agreed to on all issues or by all parties.

Based on the foregoing analysis, we find that PSNH's proposed alternative default energy service rate requires further development. We therefore direct the Company to file a redesigned Rate ADE by June 30, 2012, based on the analysis provided herein. We restate our direction in Order No. 25,256 that "such rates must be cost-based and non-discriminatory and should not

DE 11-216 - 18 -

have an adverse effect on competition," and that the alternative rate may exceed the marginal cost of default service. Order No. 25,256 at 32-33. With respect to PSNH's large customer group, we also restate our suggestion in Order No. 25,256 that PSNH consider having a separate tariff and default service rate for its largest classes of customers generally.

Based upon the foregoing, it is hereby

ORDERED, that the petition for a proposed Rate ADE originally filed by Public Service Company of New Hampshire on September 23, 2011 and modified by subsequent filings is hereby DENIED; and it is

FURTHER ORDERED, that the motion for protective treatment filed by Public Service Company is hereby GRANTED.

By order of the Public Utilities Commission of New Hampshire this twenty-sixth day of January, 2012.

Thomas B. Getz Chairman

Clifton C. Below Commissioner Amy L. Ignatius Commissioner

Attested by:

Debra A. Howland Executive Director

SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED

Pursuant to N.H. Admin Rule Puc 203.11 (a) (1): Serve an electronic copy on each person identified on the service list.

tilloeh@nu.com

tom.frantz@puc.nh.gov

Executive.Director@puc.nh.gov

al-azad.m.iqbal@puc.nh.gov

amanda.noonan@puc.nh.gov

arvanhm@nu.com

baumara@nu.com

catherine.corkery@sierraclub.org

Christina.Martin@oca.nh.gov

daviekl@nu.com

desbiam@psnh.com

donna.l.mcfarland@oca.nh.gov

dpatch@orr-reno.com

eatongm@nu.com

gilfavor@comcast.net

hallsr@nu.com

jrodier@freedomenergy.com

knowlsb@nu.com

langdond@axsessgroup.com

Meredith.A.Hatfield@oca.nh.gov

mhoffer@clf.org

njperess@clf.org

ocalitigation@oca.nh.gov

puzios@nu.com

Stephen.R.Eckberg@oca.nh.gov

steve.mullen@puc.nh.gov

suzanne.amidon@puc.nh.gov

Docket #: 11-216-1

Printed: January 26, 2012

19

THE STATE OF NEW HAMPSHIRE

CHAIRMAN Amy L. Ignatius

COMMISSIONERS Michael D. Harrington Robert R. Scott

EXECUTIVE DIRECTOR Debra A. Howland

1716 h

PUBLIC UTILITIES COMMISSION

21 S. Fruit Street, Suite 10 Concord, N.H. 03301-2429

June 19, 2012

TDD Access: Relay NH 1-800-735-2964

Tel. (603) 271-2431

FAX (603) 271-3878

Website: www.puc.nh.gov

Re: DE 11-216, Public Service Company of New Hampshire

Petition for Approval of an Alternate Default Energy Service Rate

Interventions

To the Parties:

On May 25, 2012 and May 30, 2012, Retail Energy Supply Association (RESA) and PNE Energy Supply, LLC d/b/a Power New England (PNE) respectively, filed petitions for late intervention in the above referenced proceeding. There were no objections to the petitions.

The Commission has determined that no party will be prejudiced by the granting of the petitions, which are consistent with the applicable standards for intervention. Accordingly, the Commission has granted RESA's and PNE's petitions for intervention conditioned on their willingness to abide by the procedural schedule previously approved by the Commission in this docket.

Sincerely,

Debra A. Howland Executive Director

SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED

Pursuant to N.H. Admin Rule Puc 203.11 (a) (1): Serve an electronic copy on each person identified on the service list.

Executive.Director@puc.nh.gov al-azad.m.iqbal@puc.nh.gov allen.desbiens@psnh.com amanda.noonan@puc.nh.gov

steve.mullen@puc.nh.gov suzanne.amidon@puc.nh.gov tom.frantz@puc.nh.gov

baumara@nu.com

catherine.corkery@sierraclub.org Christina.Martin@oca.nh.gov

donna.l.mcfarland@oca.nh.gov

dpatch@orr-reno.com

elizabeth.tillotson@nu.com

gilfavor@comcast.net

heather.arvanitis@nu.com

jmiranda@rc.com

jrodier@freedomenergy.com

kristi.davie@nu.com

langdond@axsessgroup.com

mhoffer@clf.org

njperess@clf.org

ocalitigation@oca.nh.gov

puzios@nu.com

Rorie.E.P.Hollenberg@oca.nh.gov

sarah.knowlton@nu.com

stephen.hall@nu.com

Stephen.R.Eckberg@oca.nh.gov

Docket #: 11-216-1 Printed: June 19, 2012

FILING INSTRUCTIONS:

a) Pursuant to N.H. Admin Rule Puc 203.02 (a), with the exception of Discovery, file 7 copies, as well as an electronic copy, of all documents including cover letter with: DEBRA A HOWLAND

EXEC DIRECTOR NHPUC

21 S. FRUIT ST, SUITE 10 CONCORD NH 03301-2429

- b) Serve an electronic copy with each person identified on the Commission's service list and with the Office of Consumer Advocate.
- c) Serve a written copy on each person on the service list not able to receive electronic mail.

1	STATE OF NEW HAMPSHIRE			
2	PUBLIC UTILITIES COMMISSION			
3				
4	October 18, 2012 - 10:22 a.m. DAY 1			
5	Concord, New Hampshire			
6	RE: DE 11-216 NHPUC NOVO5'12 PM 2:49 PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE:			
7	Alternative Default Energy Service Rate.			
8				
9	PRESENT: Chairman Amy L. Ignatius, Presiding Commissioner Michael D. Harrington			
10	COMMITS STOTIET MICHAEL D. MALLINGCOM			
11	Sandy Deno, Clerk			
12	APPEARANCES: Reptg. Public Service Co. of New Hampshire: Matthew J. Fossum, Esq.			
13	Robert A. Bersak, Esq.			
14	Reptg. PNE: James T. Rodier, Esq.			
15	Reptg. Retail Energy Suppliers Association:			
16	Joey Lee Miranda, Esq. (Robinson & Cole) Jonathan H. Schaefer, Esq. (Robinson & Cole)			
17	Reptg. Residential Ratepayers:			
18	Susan W. Chamberlin, Esq., Consumer Advocate Stephen R. Eckberg			
19	Donna L. McFarland Office of Consumer Advocate			
20	Reptg. PUC Staff:			
21	Suzanne G. Amidon, Esq. Steven E. Mullen, Asst. Dir./Electric Div.			
22	Al-Azad Iqbal, Electric Division			
23	Court Reporter: Steven E. Patnaude, LCR No. 52			
24				

ORIGINAL

1				
2	INDEX			
3	PAGE NO.			
4	WITNESS PANEL: STEPHEN R. HALL FREDERICK B. WHITE			
5				
6	Direct examination by Mr. Fossum 8 Cross-examination by Mr. Rodier 23			
7	Cross-examination by Ms. Miranda 59 Cross-examination by Ms. Chamberlin 89			
8	Cross-examination by Ms. Amidon 94			
9	Interrogatories by Cmsr. Harrington 16, 105			
10	Interrogatories by Chairman Ignatius 127 Redirect examination by Mr. Fossum 135			
11				
12	WITNESS: STEVEN L. ESTOMIN			
13	Direct examination by Ms. Chamberlin 140 Cross-examination by Mr. Rodier 144			
14	Interrogatories by Cmsr. Harrington 160			
15				
16	WITNESS: STEVEN E. MULLEN			
17	Direct examination by Ms. Amidon 174			
18				
19				
20				
21				
22				
23				
24				

1			
2		EXHIBITS	
3	EXHIBIT NO.	DESCRIPTION	PAGE NO.
4 5	7	Direct Testimony of Stephen R. Hall and Frederick B. White, including attachments (04-27-12)	9
6	8	Rebuttal Testimony of Stephen R. Hall (09-21-12)	10
7 8	9	Partial Settlement Agreement on Alternative Default Energy Service	10
9		Rate (10-12-12)	
10	10	U.S. Securities & Exchange Commission Form 10-K Annual Report	26
11		for the fiscal year ended December 31, 2011	
12	11	PSNH response to the first set of data requests of PNE/FEL (07-05-12)	30
13 14	12	PSNH responses to the second set of data requests of PNE/FEL (07-25-12)	
15	13	Direct Testimony of Steven L. Estomin, PH.D., including	142
16		attachments (08-24-12)	
17	14	Direct Testimony of Steven E. Mullen, including attachments	175
18		(08-24-12)	
19			
20			
21			
22			
23			
24			

{DE 11-216} [Day 1] {10-18-12}

1 PROCEEDING

CHAIRMAN IGNATIUS: I'd like to open the hearing in Docket DE 11-216, which is Public Service

Company of New Hampshire's proposed revised Alternative

Default Energy Service rate. On Oct -- excuse me, on

April 27th, 2012, PSNH filed testimony and exhibits

describing a proposed redesigned Alternate Energy Service

rate, called "Rate ADE". That was filed pursuant to

Commission Order Number 25,320. And, the Company proposed it be in effect as of July 1st, 2012. We, by a subsequent secretarial letter, scheduled a hearing for today.

And, I understand we've had a little bit of a flurry over figuring out phone access for a witness who has, at the last minute, become unavailable. So, I'm hoping that that's working. We'll find out.

Let's start with taking appearances.

And, when it's time for Mr. Estomin, I'll cue you. Mr. Fossum.

MR. FOSSUM: Good morning. For Public Service Company of New Hampshire, my name is Matthew Fossum. And, this morning with me are Robert Bersak, Stephen Hall, and Frederick White for the Company.

CHAIRMAN IGNATIUS: Good morning.

MR. BERSAK: Good morning.

```
1
                         MR. RODIER: Good morning. Jim Rodier,
       with Gus Fromuth.
 2
 3
                         CHAIRMAN IGNATIUS: Good morning.
                         MR. RODIER: For PNE.
 4
 5
                         MS. MIRANDA: Good morning,
       Commissioners. Joey Lee Miranda, from Robinson & Cole,
 6
       along with my colleague, Jonathan Schaefer, on behalf of
 7
       the Retail Energy Supply Association.
 8
                         CHAIRMAN IGNATIUS: Good morning.
 9
10
                         MS. CHAMBERLIN: Susan Chamberlin,
11
       Consumer Advocate for the residential ratepayers. And,
       with me today is Donna McFarland and Steve Eckberg.
12
                         CHAIRMAN IGNATIUS: Good morning.
13
14
                         MS. AMIDON: Good morning.
                                                     Suzanne
15
       Amidon, for Commission Staff. I have with me today Steve
16
       Mullen, who is the Assistant Director of the Electric
17
      Division, and Al-Azad Iqbal, who is an analyst in that
18
       division.
                         CHAIRMAN IGNATIUS: And, Mr. Estomin,
19
20
       can you hear me?
21
                         MS. CHAMBERLIN: He's --
22
                         MR. ESTOMIN: Yes, I can.
                         CHAIRMAN IGNATIUS: Good. So, that's
23
24
       working. And, I apologize, is it "Estomin"?
                                                     "Estomin"?
```

```
1
                         MR. ESTOMIN:
                                       "Estomin".
 2
                         CHAIRMAN IGNATIUS: "Estomin", thank
       you. If for some reason you get cut off or you're unable
 3
       to hear, obviously, speaking up won't help. So, maybe you
 4
 5
       can --
 6
                         MS. AMIDON: He could relay a message
 7
       through the Office of Consumer Advocate.
                         CHAIRMAN IGNATIUS: Right. We also have
 8
 9
       Wifi access in this room. So, if anyone has a Smartphone
10
       or computer access on them here, and then could get a
11
       message, if you were to send an e-mail, I don't know if
12
       anyone at OCA has that with them?
13
                         MS. CHAMBERLIN: No.
                                               But I can get
14
       someone from my office to quickly contact him.
15
                         CHAIRMAN IGNATIUS: All right. So, if
16
       something goes wrong, the system gets cut off, call in to
17
       the Consumer Advocate's regular number, Mr. Estomin, and
18
       they will run down and let us know and we'll get you
       reconnected.
19
20
                         MR. ESTOMIN:
                                       All right.
                                                   Thank you.
21
                         CHAIRMAN IGNATIUS: Thank you.
22
       there any other procedural matters before we begin with
23
       evidence?
24
                                            I just wanted to
                         MS. AMIDON:
                                      Yes.
```

```
clarify the order of witnesses for the Commission.
 1
       know, a Settlement Agreement was filed in this docket, and
 2
       the settling parties are PSNH, the Office of Consumer
 3
       Advocate, and Staff. So, what we propose to do is to
 4
       first put on PSNH witnesses to present the Settlement,
       followed by Mr. Estomin for the Office of Consumer
 6
       Advocate, because the Office of Consumer Advocate
 7
       participated in the Settlement, and then Staff. The final
 8
       witness will be Mr. Fromuth, who filed testimony for PNE.
 9
                         CHAIRMAN IGNATIUS: Thank you. I assume
10
11
       that's acceptable to everyone?
12
                          (No verbal response)
13
                         CHAIRMAN IGNATIUS: And, any other
       matters to take up, before we have Mr. White and Mr. Hall
14
15
       take the stand?
16
                          (No verbal response)
17
                         CHAIRMAN IGNATIUS: If not, gentlemen.
18
                         (Whereupon Stephen R. Hall and
                         Frederick B. White were duly sworn by
19
20
                         the Court Reporter.)
21
                        STEPHEN R. HALL, SWORN
22
                       FREDERICK B. WHITE, SWORN
23
                           DIRECT EXAMINATION
     BY MR. FOSSUM:
24
```

- Q. Good morning. Mr. Hall, I suppose we'll start with you. Could you state your name and place of employment for the record please.
- 4 A. (Hall) My name is Stephen R. Hall. I'm employed by
 5 Public Service of New Hampshire.
- 6 Q. And, what are your responsibilities in that position?
- 7 A. (Hall) I am Manager of New Hampshire Revenue
 8 Requirements. I'm primarily responsible for docket
 9 strategy and management for all PSNH dockets, other
 10 than dockets involving C&LM and low income programs.
- Q. And, Mr. White, your name and place of employment for the record please.
- 13 A. (White) Frederick White. I'm employed by Northeast
 14 Utilities Service Company.
- Q. And, what are your responsibilities in your position with Northeast Utilities Service Company?
- A. (White) I'm a Supervisor in the Energy Supply group at

 NUSCO. And, our responsibilities are primarily the

 analysis of the power supply for energy service at

 Public Service of New Hampshire for purposes of rate

 setting and reconciliation dockets.
- Q. And, back on April 27th, did you submit prefiled testimony in this matter?
- 24 A. (Hall) Yes.

- 1 A. (White) Yes.
- Q. And, do you have any changes, updates or corrections to
- 3 that testimony?
- 4 A. (Hall) No.
- 5 A. (White) No.
- Q. And, that testimony is true and accurate to the best of
- 7 your knowledge and belief today?
- 8 A. (Hall) Yes, it is.
- 9 A. (White) Yes.
- MR. FOSSUM: I'd like to enter that
- 11 testimony as the next exhibit, which I believe is 7.
- 12 CHAIRMAN IGNATIUS: So marked for
- 13 identification.
- 14 (The document, as described, was
- herewith marked as **Exhibit 7** for
- identification.)
- 17 BY MR. FOSSUM:
- 18 Q. Now, on September 21st, did you submit rebuttal --
- 19 prefiled rebuttal testimony in this docket?
- 20 A. (Hall) Yes.
- 21 | Q. And, do you have any changes, corrections or updates to
- that testimony?
- 23 A. (Hall) No.
- Q. And, is that testimony true and accurate to the best of

[WITNESS PANEL: Hall~White]

```
1
          your knowledge and belief today?
          (Hall) Yes, it is.
 2
     Α.
 3
                         MR. FOSSUM: And, I'd like to have the
       rebuttal, the September 21st rebuttal testimony as the
 4
       next exhibit for identification.
 5
                         CHAIRMAN IGNATIUS: So marked as
 6
       "Exhibit 8" for identification.
 7
                         (The document, as described, was
 8
                         herewith marked as Exhibit 8 for
 9
10
                         identification.)
11
     BY MR. FOSSUM:
12
          And, pursuant to a procedural order in this docket, did
13
          you participate in settlement discussions?
14
          (Hall) Yes.
15
          And, out of those discussions, was a settlement or a
     Q.
16
          partial settlement reached?
17
     Α.
          (Hall) Yes, it was.
18
     Q.
          And, was that Settlement filed on October 12th, 2012?
          (Hall) Yes, it was.
19
     Α.
                         MR. FOSSUM: And, I would like to enter
20
       copies of that Settlement for identification as "Exhibit
21
       9".
22
23
                         CHAIRMAN IGNATIUS: So marked.
24
                          (The document, as described, was
```

[WITNESS PANEL: Hall~White]

herewith marked as **Exhibit 9** for identification.)

BY MR. FOSSUM:

- Q. Now, Mr. Hall or Mr. White, as may be appropriate, could you very briefly explain the Settlement terms.
- A. (Hall) Uh-huh. Under the Settlement, PSNH, the

 Commission Staff, and the OCA agreed to a design of a

 Rate ADE that is similar to the design that PSNH

 originally filed back in September 2011, with certain

 modifications, to address both the Commission's

 concerns expressed in their order and the OCA's

 concerns.

Under the Partial Settlement that we entered into, Rate ADE would be put into effect as a pilot program for a period of 36 months. And, to summarize the way it works, once a customer is on competitive supply for 12 consecutive months, if they return to energy service from PSNH, they would then be required to take service under Rate ADE, rather than standard Rate DE for a term of service. The term of service in the Settlement is undefined. That is the one issue on which the parties were unable to agree.

From a pricing perspective, Rate ADE will be determined annually, with the price based on

[WITNESS PANEL: Hall~White]

forward market prices, plus an adder. And, the adder would equal the non-operating costs of the Scrubber, depreciation, return and incremental property taxes.

Under the Settlement, PSNH has agreed that it will track forward market prices on a monthly basis, and provide a report that compares the new forward market prices to the original forward market prices used to establish Rate ADE. If the difference between those two amounts is greater than 75 percent of the amount of the adder, Rate ADE would, under its terms, be closed to new customers. Existing customers would be allowed to remain on Rate ADE, but no new customers would be allowed to take service under Rate ADE.

Under its terms, Rate ADE can be reopened if prices subsequently decrease, forward market prices subsequently decrease, or if the rate is adjusted after six months have elapsed.

Under the Settlement, PSNH has agreed to provide monthly reports to the Commission and the parties on the revenue that it receives under Rate ADE, as compared to the marginal cost of serving the load.

And, by doing that, parties will have information on how much benefit Rate ADE is providing to all customers

1 served under standard Rate DE.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

And, that completes my summary.

- Q. Thank you. Now, you had mentioned that there had been modifications to address concerns that had been raised by the Commission. Was one of those concerns the price of the adder?
- (Hall) Yes, it was. In the Commission's original Α. order, they stated that there was no factual basis for the amount of the adder that PSNH had been proposing. PSNH had changed its position in that original proceeding, because of an order the Commission issued that said that "no costs associated with the Scrubber were going to be recovered as of the date that PSNH had proposed Rate ADE would go into effect." And, as a result, PSNH modified its position and said that "the average should be one cent per kilowatt-hour." their order, the Commission indicated that there really wasn't any factual basis for the one cent per kilowatt-hour. We're in a different situation now. Cost recovery of the Scrubber has commenced. And, therefore, PSNH is proposing, and under the Settlement, we're proposing that the adder will be equal to the non-operating costs of the Scrubber.
- Q. Now, you also mentioned that the rate would close

temporarily, if forward market prices increased. How would that occur exactly?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Α. (Hall) The way that would happen is that, as I indicated earlier, every month we will do a new calculation of forward market prices. That will be done on or about the 15th of each month. And, we will compare the new forward market prices as of that date to the corresponding prices used to establish Rate ADE. If forward market prices have increased, to the extent that the difference is great -- between the new prices and the original prices is greater than 75 percent of the amount of the adder, which is around one cent per kilowatt-hour, by its terms, the rate will be closed, and no new customers will be allowed to take service under the rate. The purpose of that provision is to address a second concern that the Commission voiced in their earlier order, which is they want to ensure that existing customers under PSNH's standard Rate DE would be -- would not be subject to additional risk as a result of the implementation of Rate ADE. So, closing the rate is a mechanism that we have agreed to that will result in minimizing any risk that could otherwise occur, to the extent that market prices increase significantly.

- Q. Thank you. Now, just for the record, at present, if

 Rate ADE was to go into effect today, for example, what

 -- approximately what would that rate be equal to?
- A. (Hall) Currently, based on today's forward market prices, it would be around seven cents a kilowatt-hour. However, if the rate is approved, what we're proposing in the Settlement is that, about a month prior to the effective date, which we're proposing as being January 1, 2013, that we would come up with a revised calculation, based on forward market prices at that time, and file that rate with the Commission at that time.
- Q. Thank you. Now, you had mentioned the one issue that was not settled was the "term of service". Before getting into issues about the term of service, could you explain just generally how the "term of service" provision works?
- A. (Hall) Certainly. During the term of service, which the Commission will have to determine, Rate ADE would be the only Default Service rate available to customers who are returning to PSNH for Default Service, if those customers have been on competitive supply for at least 12 consecutive months. So, customers who have migrated and have been gone for at least 12 consecutive months,

if they return, Rate ADE is the only rate available to them. Those customers will still be allowed to leave Rate ADE at any time and return to competitive supply.

But the clock associated with the term of service would continue to run. That term of service would only be reset if the customer were to leave Rate ADE and remain gone for 12 consecutive months, in effect, requalifying for service and a new term of service under Rate ADE.

If customers leave for less than 12 consecutive months and return, the term of service would continue to run.

BY CMSR. HARRINGTON:

- Q. Excuse me. I just -- I don't quite understand -understood the term you're making, when you say "term
 of service". So, if somebody was -- let's, a
 hypothetical, someone was on there for, say, they went
 to the ADE for six months, and then they left.
- 17 A. (Hall) Uh-huh.
- Q. And, then, nine months later they came back. Would they go back on ADE for additional six months, the six months that they were on, and then six months to give them the year?
- 22 A. (Hall) No.
- Q. Or could they -- that's why I'm a little confused. You said the "term", and then --

A. (Hall) Understood.

1

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

- Q. The clock, the mechanism on when it starts and when it stops, I'm not following.
 - (Hall) Yes. "Term of service" is the length of time Α. that Rate ADE is available to customers, the only Default Service rate available. Parties were unable to agree on that term of service. Staff is proposing 12 months; PSNH and I believe OCA are proposing 24 months. For discussion purposes, let's assume that the Commission decides it's a 24-month term of service. a customer is on a competitive supply for 12 consecutive months, and they leave and return to PSNH, they are then served under Rate ADE. Using your example, if they stay on Rate ADE for six months, and then leave and go back to the competitive market, that 24-month term of service clock continues to run. Ιf they're on competitive supply for nine consecutive months, and they come back to PSNH for energy service, that time frame is now 15 months from the time they first took service under Rate ADE. Therefore, their return would be during the time frame that the term of service clock, the 24-month clock is still running, upon return, they would be served under Rate ADE. And, if they stay on Rate ADE, once their term of service

1 ran out, once the 24 months was reached, they would then be transferred to standard Rate DE at that time. 2 CMSR. HARRINGTON: Thank you. 3 That helps quite a bit. 4 5 WITNESS HALL: Okay. BY MR. FOSSUM: 6 And, I guess that sort of jumps into the next guestion. 7 Ο. You had said the Company has proposed a 24-month term 8 of service. Why, in your opinion, why is 24 months the 9 appropriate term of service to use? 10 11 (Hall) Well, I covered this in the testimony that we Α. filed in April. And, those customers who are returning 12 to Rate ADE, because they have migrated and are now 13 returning, their return will provide a benefit to all 14 15 other customers. The benefit being the amount above 16 marginal cost that PSNH receives in revenue from those 17 customers. Really, you want to maximize that benefit, 18 and therefore maximize the amount of benefit that all other customers receive. 19

> That said, when marginal costs are very low, as they are now, with Rate ADE priced below our standard Rate DE, we don't want to be in a situation where returning customers have that benefit of lower pricing for an indefinite period. So, based on that,

> > {DE 11-216} [Day 1] {10-18-12}

20

21

22

23

24

PSNH proposed 24 months as an appropriate period of time during which returning customers could receive the benefit of the lower pricing.

But Rate ADE works in both directions. If market prices were to significantly increase, now a customer returning to energy service from PSNH could actually pay a higher price than PSNH's standard Default Energy Service rate. In that situation, you don't want returning customers to be required to pay a higher rate for an indefinite period. And, again, we concluded that 24 months was the appropriate period during which customers would be subjected to those prices.

- Q. Mr. Hall, would it -- is it, in sum, is the term of service essentially a 12 months of competitive supply equals two years on Rate ADE, is that effectively what happens?
- 18 A. (Hall) Yes.

- 19 Q. And, do you consider that to be inherently confusing?
- 20 A. (Hall) No. I think it's relatively straightforward.
- 21 In particular, I think the customers that are most
- 22 likely to take service under Rate ADE will be larger
- customers. These customers are sophisticated users of
- energy, they understand their energy options. They

have demonstrated that understanding by the fact that they have migrated. I think it's going to be relatively easy for customers to understand that, once they're on competitive supply for 12 consecutive months, they can then return to PSNH and Rate ADE for up to 24 months.

- Q. And, you mentioned that another term of service period has been suggested by Staff, at 12 months. Do you agree that 12 months is -- what's your opinion about the value of 12 months as a term of service?
- A. (Hall) Well, PSNH doesn't agree with limiting the term of service to 12 months. Understand that the whole purpose of Rate ADE is to provide value for standard Rate DE customers. That's why we're proposing the rate. Rate DE customers receive value when migrated customers will return to Rate ADE. And, as I said earlier, that value is the increment above marginal cost in revenue that we receive.

If the term of service is limited to 12 months under Rate ADE, it diminishes the value that all other customers can receive, by limiting the maximum duration of that potential value to 12 months. The term of service under Rate ADE really isn't related to the 12-month time frame necessary to qualify for Rate

ADE. They're really for two completely different
purposes. The 12 months under competitive supply
necessary to qualify for Rate ADE is to prevent gaming,
to prevent customers from jumping back and forth. For
example, if we didn't have the 12-month term of
service if we didn't have the minimum 12 consecutive
months under competitive supply in order to qualify for
Rate ADE, without that provision, a customer could go
to competitive supply for one month, and immediately
return to PSNH under Rate ADE and get a lower price, at
least under today's prices. So, the 12 consecutive
months under competitive supply to qualify for Rate ADE
is to prevent that kind of gaming.

The 24-month term of service is intended to provide significant value to all other customers, but we've got to balance that with the objective of not having an indefinite term of service under Rate ADE.

And, that's why we didn't propose 36 or 48 months or something longer. It's a limited term, but it's balancing those objectives; providing value to all other customers, without having it so long that it becomes an indefinite term.

The other thing to keep in mind is that the term of service that we're proposing, the 24

1 months, isn't necessarily a continuous term of service. 2 As I said earlier, customers can come and go as they please. So, the result is that, with a 24-month term 3 of service, that doesn't necessarily mean that a 4 5 customer is going to return to Rate ADE, stay on it for 24 months, and therefore provide 24 months' worth of 6 benefit, if you will, to standard Rate DE customers, 7 because a customer always has the option of going to 8 the competitive market. And, therefore, the 24-month 9 term of service under Rate ADE is not -- we can't 10 11 assume that it's going to be 24 consecutive months that a returning customer will provide value to all other 12 13 customers. Now, I quess right now one last question, Mr. Hall. 14 Ο. Ιf 15 Rate ADE is approved and implemented, would PSNH 16 shareholders receive any additional profit for those 17 customers choosing to return to PSNH and take Rate ADE? 18 Α. (Hall) No. 19 MR. FOSSUM: Thank you. I have nothing further at this time. 20 21 CHAIRMAN IGNATIUS: Thank you. Mr. Rodier, questions? 22 23 MR. RODIER: Yes. Madam Chairman, is 24 that the correct way to address you, "madam Chairman", or

```
would you prefer something else?
 1
                         CHAIRMAN IGNATIUS: No, I think "madam
 2
       Chairman" is good.
 3
 4
                         MR. RODIER: Okay.
 5
                         CHAIRMAN IGNATIUS:
                                            Thank you.
 6
                         MR. RODIER: Thank you.
 7
                         CHAIRMAN IGNATIUS: And, basically
       anything is okay, as long as it's not mean.
 8
                         MR. RODIER: Okay. All right.
 9
10
                          CROSS-EXAMINATION
     BY MR. RODIER:
11
12
          Okay. Well, I guess I want to -- let's just start with
          that last point, okay? Then, we'll go to your data
13
14
          responses. You said "stockholders" --
15
                         (Court reporter interruption.)
16
                         MR. RODIER: Oh, I'm sorry.
17
    BY MR. RODIER:
          Mr. Hall, you said "stockholders won't benefit from
18
     Ο.
19
          ADE"?
20
          (Hall) Correct.
     Α.
21
                         MR. RODIER: Okay. I've got a portion
22
       from a PSNH filing with the Securities & Exchange
23
       Commission. I'd like it marked into evidence. I'll have
24
       it -- maybe I should have the Company verify first that
```

```
it's their document.
 1
                         CHAIRMAN IGNATIUS: Why don't you ask
 2
 3
       the witness if they recognize it.
 4
                         MR. RODIER: Okay. May I -- it's okay
 5
       to approach?
 6
                         CHAIRMAN IGNATIUS: Of course.
 7
                         MR. RODIER: Yes. Okay.
                         (Atty. Rodier handing document to
 8
                         Witness Hall.)
 9
10
     BY MR. RODIER:
11
          Do you recognize this, Mr. Hall?
12
          (Hall) I haven't seen it before, but it looks like an
          NU 10-K.
13
14
                         MR. RODIER: Okay. May we mark this for
15
       identification, madam Chairman?
16
                         CHAIRMAN IGNATIUS: Is that the
       foundation?
17
                    Is there anything else you can bring to --
18
                         MR. RODIER: Yes.
                         CHAIRMAN IGNATIUS: -- where it's from,
19
       what it's dated, and why it's something --
20
                         MR. RODIER: Well, here's what I could
21
22
       do. I could give the Chairman a copy right now or I could
23
       say that it is a Form 10-K Annual Report to the Securities
24
       & Exchange Commission for the fiscal year ending
```

1	December 31st, 2001. And, I'm only going to ask about one
2	paragraph on Page 18, Page 18, at the bottom.
3	CHAIRMAN IGNATIUS: Fiscal year 2001?
4	MR. RODIER: Eleven.
5	CHAIRMAN IGNATIUS: Eleven.
6	MR. RODIER: Sorry. Eleven.
7	CHAIRMAN IGNATIUS: Thank you. And,
8	counsel for PSNH, have you received it? Do you have any
9	objection to it being marked for identification?
10	MR. FOSSUM: No, not at this time. No.
11	CHAIRMAN IGNATIUS: And, you've got
12	copies for all parties?
13	MR. RODIER: I believe I brought ten, so
14	I believe I have.
15	CHAIRMAN IGNATIUS: All right.
16	MR. RODIER: May I proceed?
17	CHAIRMAN IGNATIUS: Yes, please.
18	MR. RODIER: Okay.
19	(Atty. Rodier distributing documents.)
20	CMSR. HARRINGTON: Could we have three,
21	if you have it?
22	CHAIRMAN IGNATIUS: We can make it. We
23	can make an extra copy. So, we'll mark this for
24	identification as "Exhibit 10".

```
1
                         (The document, as described, was
                         herewith marked as Exhibit 10 for
 2
 3
                         identification.)
     BY MR. RODIER:
 4
          Mr. Hall, did you notice that in Mr. Estomin's
 5
 6
          testimony that he also had a footnote to an SEC report?
 7
                         CHAIRMAN IGNATIUS: One moment, before
                    Ms. Amidon, yes?
 8
       you answer.
                                      I just want to make the
 9
                         MS. AMIDON:
10
       point that Mr. Estomin will not be able to hear anything
11
       unless Mr. Rodier addresses his questions through the
       microphone.
12
                         CHAIRMAN IGNATIUS: All right.
13
       also, Mr. Estomin, you don't have a copy of Exhibit 10,
14
15
       but it is as Mr. Rodier just stated, it's an SEC filing
16
       Form 10-K for the year ending December 31st, 2011, which
17
       you may have access to in your own materials. But we'll
18
       try to make sure questions are clear, because he won't be
       able to flip to them.
19
20
                         MR. ESTOMIN:
                                       All right.
                                                    Thank you.
21
                         CHAIRMAN IGNATIUS: Mr. Rodier, go ahead
22
       please.
23
     BY MR. RODIER:
24
          Are you on Page 18, Mr. Hall?
     Q.
```

1 A. (Hall) I am.

2

3

4

5

6

7

9

10

11

- Q. Okay. Do you see the paragraph one-third of the way down, "Migration of customers from PSNH energy service to competitive suppliers is increasing the cost to the remaining customers of energy produced by PSNH generation assets and decrease our revenues"? You see that paragraph?
- 8 A. (Hall) I do.
 - Q. I want you to take a look, I think we're familiar with the first two or three sentences, but I want you -- I'm going to read you the last sentence of that paragraph.
- 12 A. (Hall) Uh-huh.
- And, I'm not going to belabor this point, but I just 13 Q. 14 want you to comment on the following sentence: 15 trend could lead to PSNH continuing to lose retail 16 customers and increasing the burden of supporting the 17 cost of its generating facilities" -- "generation facilities on remaining customers and being unable to 18 support the cost of its generating" -- sorry --19 "generation facilities through an ES rate." Did I 20 21 basically read that correctly?
- 22 A. (Hall) Yes.
- Q. What does that mean, "being unable to support the cost of its generation facilities through an ES rate"?

- 1 A. (Hall) It means exactly what it says.
- Q. So, what we're saying here, that there is a danger
 lurking out there from Public Service's perspective,
 because, if things keep going the way they have, you
 may not be able to recover the cost of these facilities
 through ES rates?
- 7 A. (Hall) "Through ES rates", I agree with you.
- Q. Okay. So, in fact, Rate ADE may enable your
 stockholders to recover revenues they otherwise
 wouldn't recover, isn't that correct?
- 11 A. (Hall) No, it isn't.
- 12 Q. Why?

23

24

- A. (Hall) You're operating under the assumption in your question to me that, if PSNH is unable to recover the cost of its generating facilities through ES rates, that those costs could never be recovered. I don't agree with that assumption.
- 18 Q. Okay. All right.
- 19 A. (Hall) Moreover, Rate ADE is designed to mitigate the
 20 very impact discussed in this paragraph. That's the
 21 whole purpose of it. And, that is the impact on Energy
 22 Service rates for all other customers.
 - Q. My point is, that without Rate ADE, stockholders may come up short; with Rate ADE, they may get some of that

- 1 money.
- 2 A. (Hall) Your point is incorrect.

retired or divested.

3 Q. Okay.

7

8

9

10

11

12

13

14

15

16

17

- A. (Hall) And, the reason your point is incorrect is the law is very clear with regard to recovery of costs associated with generating facilities that are either
 - Q. I wasn't aware that was a settled issue, but let's move on. You have a copy of your data requests with you?

 First thing I really want to do here is walk through your data responses.
 - MR. RODIER: And, I would like to, madam Chairman, mark for identification Mr. Hall's first set of data -- his responses to PNE's first set of data requests.

 The cover letter is dated "July 5th".
 - CHAIRMAN IGNATIUS: All of them are being marked or particular ones?
- MR. RODIER: All of them. There's only like five in this set.
- 20 CHAIRMAN IGNATIUS: And, you're going to question on all of them?
- MR. RODIER: On each one.
- CHAIRMAN IGNATIUS: Okay. So marked for
- identification. And, I assume everyone has copies

```
1
       already?
                         (Atty. Rodier distributing documents.)
 2
                         CHAIRMAN IGNATIUS: Mr. Rodier, --
 3
                         MR. RODIER: Everybody okay?
 4
 5
                         CHAIRMAN IGNATIUS: So, the packet dated
       July 5th, 2012 will be marked for identification as
 6
       "Exhibit 11".
 7
                         (The document, as described, was
 8
                         herewith marked as Exhibit 11 for
 9
10
                         identification.)
     BY MR. RODIER:
11
12
          Okay. Mr. Hall, let's just quickly go through here,
          just to see what the question and the response was, and
13
          I may pick up on some of these a little later.
14
15
          would you look at Page 1 of 1. This is PNE/FEL-001.
16
          Do you have that in front of you?
17
     Α.
          (Hall) I do.
          "Is Rate ADE only available to customers who are
18
     Q.
          otherwise without a supplier?" "Yes."
19
20
                         (Court reporter interruption.)
     BY MR. RODIER:
21
22
          "Is Rate ADE only available to customers who are
     Q.
23
          otherwise without a supplier?"
24
          (Hall) Yes.
     Α.
```

- Q. And, would it be fair to say that we have a difference of opinion as to what that language means?
- A. (Hall) I'm not quite sure what your opinion is, but, to me, it's pretty clear.
- Q. Okay. Well, we'll get -- we'll clear it up later on, how's that?
- 7 A. (Hall) Okay.
- 8 Q. Two, would you read the question.
- 9 A. (Hall) "Is Rate ADE designed to provide a safety net
 10 and to assure universal access and system integrity?
 11 Please explain."
- Q. And, your answer says "Yes." And, I'm wondering, you say here "complies with [all of] the requirements of RSA 374-F", don't you?
- 15 A. (Hall) Yes.
- Q. Okay. Well, for example, how does Rate ADE provide a safety net and assure universal access?
- A. (Hall) The same way standard Rate DE does. It's a default energy service rate that's available to customers who are otherwise without a supplier.
- Q. Okay. Next, this is Request 3. And, here, I have asked, and I think it's a provision of RSA 374-F, as you know, that the Commission -- well, let me stop and let me just ask the question. "Does Rate ADE

- discourage long-term use of default service?"
- 2 A. (Hall) Yes.
- Q. Okay. And, it's because the other customers can go back and forth, --
- 5 A. (Hall) Uh-huh.
- 6 Q. -- as you said, and you can only stay on it for 24
- 7 months. That's why it does not encourage long-term use
- 8 of default service?
- 9 A. (Hall) Correct.
- 10 Q. But, if this part of the program is successful, this
- thing could go on for ten or fifteen years, isn't that
- 12 correct?
- 13 A. (Hall) I don't know. That remains to be seen.
- 14 Q. Well, would that be indefinite?
- 15 A. (Hall) Would default energy service rates be
- indefinite? This is nothing more than a default energy
- 17 service rate.
- 18 Q. I'm asking you, could Rate ADE go on indefinitely?
- 19 A. (Hall) I don't know.
- 20 | Q. Next, FEL-004. "Does Rate ADE encourage long-term use
- of default service?" And, your answer is "no" for the
- same reasons?
- 23 A. (Hall) Correct.
- Q. Okay. And, you won't even admit that it could go on

- indefinitely, because you just don't know. That's your answer, right?
 - A. (Hall) Correct.

3

- Q. All right. Next, I asked whether "the price of service under Rate ADE equals PSNH's actual, prudent, and reasonable costs of providing such power?" And, you said "yes." And, there's probably two parts to this.

 I think the part I want to get to right now is that the adder only includes the non-operating costs of the Scrubber, is that correct?
- 11 A. (Hall) Correct.
- Q. Why doesn't it include all of the costs of the Scrubber?
- 14 A. (Hall) Primarily due to difficulties associated with
 15 allocating costs to different components of plant.
- Q. Okay. You're not saying -- you're not denying that the operating costs of the Scrubber are a cost of the Scrubber, are you?
- 19 A. (Hall) Say that again.
- Q. Should the adder under Rate DE [ADE?] cover the costs of the Scrubber?
- A. (Hall) Yes, and it does, at least those costs that can be easily identified.
- Q. All right. But it does not cover certain costs.

- A. (Hall) Well, the other costs that I think you're
 referring to are costs which there will be some of
 which would be incurred regardless of whether or not
 the Scrubber existed, and, therefore, it becomes an
 allocation issue.
- Q. Well, allocating costs is something you do for a living, you're a rate manager, right?
- 8 A. (Hall) I don't do cost allocations. That's not my job.
- 9 Q. Where does that get done these days?
- 10 A. (Hall) That's done in Connecticut by --
- 11 Q. Okay.
- 12 A. (Hall) I'm not responsible for cost of service.
- Q. All right. Anyway, the point is that, what you were saying, you haven't included them, because you'd have to allocate costs, you'd have to allocate some costs, is that right?
- A. (Hall) Correct. And, when it comes to cost allocation,
 no two people ever agree on what the appropriate
 allocation is.
- Q. That's correct. But you're not saying it couldn't be done in Connecticut, are you?
- 22 A. (Hall) That it couldn't be done in Connecticut?
- 23 Q. That they could not take a crack at this?
- 24 A. (Hall) To what end?

- Q. To include it. To include something, to at least, in principle, recognize the fact that there are other costs of that Scrubber that aren't being included in the adder as you proposed it.
 - A. (Hall) So, you're asking me, in theory, could we do a cost allocation? The answer to that is "Sure." Anyone can do a cost allocation.
- Q. All right. And, the next question, which is 6, "Does the price of service under DE equal PSNH's actual, prudent, and reasonable costs of providing such power?"

 "Yes." And, it looks like you say here "Rate DE includes the embedded cost of PSNH's generation [as long as] the marginal cost of power purchases", correct?
- 15 A. (Hall) Yes.

5

6

7

- Q. So, what this comes down to, you're saying both DE and
 ADEE -- I'm sorry. Both DE and ADE equal PSNH's actual
 prudent and reasonable cost of providing such power?
- 19 A. (Hall) Yes.
- 20 Q. Even though they're very different?
- 21 A. (Hall) Yes.
- 22 Q. They're different --
- A. (Hall) One's marginal cost based and one's embedded cost based.

- Q. All right. So, the small captive customers pay the one that's based on embedded cost, and the larger customers pay the one that's based on the marginal cost of power purchases?
- A. (Hall) I don't agree with your characterization that customers are "captive". There is no such thing as a "captive" customer.
- Q. Okay. So, small customers who stay on Rate DE would
 pay the embedded cost of PSNH's generation, while the
 larger, mobile customers would just pay the marginal
 cost of power purchases?
- 12 A. (Hall) Any customer receiving service under Rate ADE

 13 pays embedded cost. Rate ADE -- Rate DE is an embedded

 14 cost rate.
- 15 Q. Okay. You meant to say "Rate DE"?
- 16 A. (Hall) Rate DE.
- 17 Q. Yes.
- 18 A. (Hall) Standard Default Energy Service rate --
- 19 Q. Okay.
- 20 A. (Hall) -- is an embedded cost rate. Therefore, any
 21 customer taking service under that rate pays embedded
 22 costs.
- 23 Q. Okay.
- 24 A. (Hall) Customers who have migrated and been gone for 12

- months, and subsequently returned, would pay a marginal cost based rate --
- Q. Okay.
- 4 A. (Hall) -- for a term of service to be determined by the Commission.
- Q. So, customers who stay on Rate DE pay for the high cost power, and the ones who migrate pay for the lower cost power?
- 9 A. (Hall) I don't agree with your characterization. Rate
 10 ADE can be higher priced than Rate DE.
- Q. Okay. And, that's a good point, because, in all my questions, please assume that I'm only talking about the situation where marginal costs are less than average costs, okay?
- 15 A. (Hall) Okay.
- Q. Because I'll just interject that I don't think we have any problem with what your proposal is when marginal costs are higher than average cost, all right?
- 19 A. (Hall) I'm glad you don't have a problem with the proposal in that event.
- 21 Q. Excuse me?
- A. (Hall) I'm glad you don't have a problem with our proposal in the event that the situation reverses.
- Q. Well, you and I have talked a lot about this aspect

- over the years about what happens when purchased power costs are higher than average costs, haven't we?
- A. (Hall) Yes, we have. And, in fact, we entered into an agreement that was very similar to Rate ADE when the situation was reversed. And, that was a marginal cost based rate.
- Q. And, that was to offer customers a credit so they would switch, right?
- 9 A. (Hall) Yes.
- 10 Q. To jump start the market, correct?
- 11 A. (Hall) Yes.
- Q. Okay. And, that program was a big success, wasn't it?

 I'm being facetious.
- 14 A. (Hall) Is that a rhetorical question?
- 15 Q. Yeah. It failed, didn't it?
- 16 A. (Hall) No customers took service under it.
- Q. Okay. Now, the next one I thought was interesting.

 Would you read, I'll have you do it this time, we'll

 share the workload here, FEL-007. Would you read the
- 20 question.
- A. (Hall) "Is the purpose of Rate ADE to provide customers
 who have migrated from PSNH's default service an
 attractive opportunity to return to the Company for
 energy service?"

- 1 Q. And, then, you referred to your testimony, correct?
- 2 A. (Hall) Yes.
- Q. Can you answer this question "yes" or "no"?
- 4 A. (Hall) Let me turn to my testimony.
- Q. No, I was just asking right now whether you could
- answer this question as "yes" or "no"?
- 7 A. (Hall) Let me turn to my testimony.
- 8 Q. Okay. Let's cut this short. Is that going to be your
- answer, you're going to read me your testimony?
- 10 A. (Hall) I want to see what I said.
- 11 Q. Okay.
- 12 A. (Hall) The answer to that question would be "no".
- 13 Q. That's not the purpose?
- 14 A. (Hall) No.
- 15 Q. So, you don't recognize this language is taken directly
- from Attorney Knowlton's cover letter that you filed
- with the Commission on April 27th?
- 18 A. (Hall) From Attorney Knowlton's cover letter?
- 19 Q. Yes. Do you have that?
- 20 A. (Hall) It may well have been in the cover letter.
- 21 Q. Okay. So, you don't agree with the characterization in
- her cover letter?
- 23 A. (Hall) I'm agreeing with the characterization in my
- 24 testimony.

Q. Okay.

- A. (Hall) That "the purpose...is to provide...energy service at prices in excess of marginal cost while providing a contribution to fixed costs that will benefit all other customers taking energy service from PSNH." And, the reason for that is the discussion that we just had a few minutes ago. Rate ADE can be higher than Rate DE. And, therefore, it's the characterization of the question that I disagreed with.
- Q. Just you -- you do not agree that "the purpose of Rate ADE is to provide customers who have migrated from PSNH's default service an attractive opportunity to return to the Company", even though I'm representing, if we look at Attorney Knowlton's cover letter on April 27th, that's what she says, you still disagree?
- A. (Hall) That cover letter may have been in preference to the circumstances as they exist today. My testimony describes the general purpose of Rate ADE. And, in fact, that statement and that question may be a result of approval of Rate ADE. But the purpose is --
- 21 Q. Okay. Let's --
 - A. (Hall) -- "to provide...energy service at a price in excess of marginal cost while providing a contribution to fixed costs that will benefit all other customers."

```
1
     Q.
          Do you have Mr. Eaton's cover letter he sent to the
          Commission that's dated December 27th, 2011 with you?
 2
          I'm sorry, it would be -- would it be the post trial
 3
          statement?
 4
 5
                         CHAIRMAN IGNATIUS: Can you repeat the
 6
       date and the -- I didn't follow what you just said.
 7
                         MR. RODIER: If I could have a moment, I
       just want to get it up here myself.
 8
                         (Short pause.)
 9
10
                         WITNESS HALL: Just to follow up on your
11
       earlier question, --
12
                         MR. RODIER: There's no question
       pending, Mr. Hall.
13
14
                         WITNESS HALL: Well, I want to
15
       supplement my answer, if that's all right?
16
                         CHAIRMAN IGNATIUS: No.
17
                         MR. RODIER: Well, you can do it on
18
       redirect, okay?
19
                         WITNESS HALL: Okay.
                         MR. RODIER: I am referring to PSNH's
20
21
       final statement in this proceeding, closing statement. I
22
       think, let me look and see what the date is on the back.
23
       It was submitted by Attorney Eaton. And, it's dated
24
       December 20th, 2011.
```

- 1 BY MR. RODIER:
- Q. And, without spending much time on this at all, you don't have that, right, Mr. Hall?
- 4 A. (Hall) No, I don't.
- Q. Okay. So, I want you to just accept this subject to check, okay? That, under Paragraph 5, on Page 4, it says, in part, "The purpose of the rate is to provide an alternative default service price for customers" -- that's not the one I wanted.
- 10 A. (Hall) I now have it.
- 11 MR. RODIER: Mr. Hall, I'm going to have
 12 to come back to this, if I ever do. I can't find what I
 13 was asking. So, I apologize to the Commission and
 14 everybody else in getting us down this track and not being
 15 able to back up at the moment. So, let's come back to
 16 that. Sorry.
- 17 BY MR. RODIER:
- Q. All right. Let's move onto the second set of data requests. Do you have those?
- 20 A. (Hall) The ones from you?
- 21 Q. Yes.
- 22 A. (Hall) Yes, I do.
- MR. RODIER: I'd like to mark these for
- 24 identification.

1 CHAIRMAN IGNATIUS: What is it that we're marking please? 2 3 MR. RODIER: Sorry. This would be PSNH's responses to PNE's second set of data requests, and 4 the cover -- in this proceeding, and the cover letter is 5 6 dated "July 25th, 2012". 7 CHAIRMAN IGNATIUS: And, again, it's a packet of multiple questions and answers? 8 MR. RODIER: It is. Every question and 9 10 every answer that was given, but, again, it's only five 11 data responses. 12 (Atty. Rodier distributing documents.) CHAIRMAN IGNATIUS: Thank you. 13 14 marked as "Exhibit 12" for identification. 15 (The document, as described, was 16 herewith marked as Exhibit 12 for 17 identification.) 18 BY MR. RODIER: So, Question FEL-001, the question was "How long will 19 Q. Rate ADE be in existence?" You said you "don't know 20 21 how long"? 22 (Hall) Correct. Α. 23 And, then, Mr. Fromuth said, in his testimony, it's Q. 24 going to be in effect indefinitely, and you took

- 1 umbrage at that, didn't you?
- A. (Hall) Correct. I didn't say "it was going to be in effect indefinitely." I said "I didn't know".
- Q. And, you're saying -- suggesting there's a distinction between those two?
- 6 A. (Hall) Yes. I think there's a big distinction.
- Okay. Number 2, moving on quickly here. "Please 7 Q. 8 describe in detail any marketing and outreach program that PSNH would undertake in conjunction with Rate ADE. 9 10 Will PSNH undertake any targeted" -- that should probably say "targeted", it reads "targeting marketing 11 to customers presently under contract with an electric 12 supplier?" You said you "have not formulated any 13 14 marketing or outreach programs", is that correct?
- 15 A. (Hall) Correct.
- 16 Q. Is that still the case?
- 17 A. (Hall) Yes.
- Q. So, you want the Commission to let this go into effect
 January 1st, and you still don't have any marketing or
 outreach program, is that correct?
- 21 A. (Hall) Correct.
- Q. You've had no discussions, no e-mails, no exchange of documents, nothing on this matter?
- 24 A. (Hall) Discussions, e-mails, and exchange of documents

- 1 with whom?
- 2 Q. Anybody.
- 3 A. (Hall) With anybody?
- 4 Q. Yes. In terms of --
- 5 A. (Hall) I've had lots of discussions, e-mails, and
- exchanges of documents with people at PSNH and at
- 7 Northeast Utilities.
- 8 Q. On marketing and outreach programs for Rate ADE?
- 9 A. (Hall) Marketing and outreach?
- 10 Q. For Rate ADE? Look, I'll accept your answer. You want
- this to start January 1st, and you don't have -- you
- have done no work of developing a marketing program or
- outreach programs?
- 14 A. (Hall) Is that a question?
- 15 Q. Yes.
- 16 A. (Hall) We have had discussions with account executives.
- We haven't developed any formal programs. We don't
- 18 know what form it's going to take. We don't know how
- 19 account executives are going to contact customers, if
- at all. In fact, the role of account executives and
- 21 their responsibilities are changing. So, we don't even
- 22 know to what extent they will be utilized. I have
- certainly described the rate to them.
- 24 Q. Is that because all the account executives are going

- 1 under the new community service organization?
- 2 A. (Hall) I didn't understand your question.
- Q. Never mind. Okay. So, you don't know whether your
 account executives will be making outgoing calls to the
 customers. You don't know, in addition, you don't know
 whether you're going to be sending them glossy
 brochures in the mail or e-mails. Is that what your
 testimony is?
- 9 A. (Hall) I don't know what's planned.

13

14

22

23

- Q. Okay. But, then again, I guess you're not in charge of planning, so that's one reason you might not know, correct?
 - A. (Hall) Could be. I'm not aware of any marketing or outreach planning or programs.
- Q. Okay. All right. Okay. Then, the last one I want to ask you about, in 3, the next one. I'll read it.

 "Please provide an estimate for the costs expected by PSNH to be incurred for Rate ADE, including, without limitation, costs for administration, promotional materials, marketing, sales and customer service." The same answer as what we just discussed, is that correct?
 - A. (Hall) No. The answer refers to two other data responses.
- Q. Okay. Well, what is the answer, so we don't have to

- 1 look it up?
- 2 A. (Hall) Say that again please.
- Q. What's the substance of the answer? You do refer to "FEL-002", and I think that's the one we just looked at, where it says you don't have anything. So, --
- A. (Hall) Correct. And, I also referred to "OCA 2-002",
 which basically talked about the work necessary or that
 will be necessary to be done, if ADE is approved.
- 9 Q. Okay. So, there's going to be costs incurred, aren't there, Mr. Hall, with respect to rolling out Rate ADE?
- 11 A. (Hall) Opportunity costs, because people will be working on --
- 13 Q. I see.
- 14 A. (Hall) -- programming.
- Q. Well, how about the marketing and -- well, let's just take customer service. Don't you expect a lot of calls from customers that say "how do we get in on this?"
- 18 A. (Hall) I don't know. Perhaps. We are not planning on hiring additional customer service reps --
- 20 Q. Okay.
- 21 A. (Hall) -- to deal with additional calls as a result of Rate ADE.
- Q. How about written materials? Anything? Now, you said

 -- well, let me follow up. You said "opportunity

- costs". That means that you have people now, they're not sitting around with nothing to do, they're working, right?
- 4 A. (Hall) Correct.

13

14

15

16

17

18

19

20

21

22

- They're going to be working on something and now
 they're going to be re-deployed over to ADE. So, then,
 the question becomes "that's costs, why isn't that
 included in the adder?"
- 9 A. (Hall) It's not a marginal cost. Rate ADE is a marginal cost based rate.
- Q. Well, how about the cost of the lost opportunity to use them doing something else?
 - A. (Hall) It would be difficult to calculate it. I wouldn't know how to calculate that lost opportunity cost.
 - Q. I guess where I'm coming from is that competitive suppliers have concerns here. And, you're using the resources of a regulated utility, whose costs are all in base rates, and you're using those to market this rate?
 - A. (Hall) And, we're not seeking any cost recovery from the Commission as a result of this rate.
- Q. Okay. So, I guess then the way that we leave it is, you said there was an "opportunity cost", because the

- employees would no longer be doing what they normally do, right?
- A. (Hall) Yes. But your question makes it sound like this is going to be a full-time job for someone. It's not.
- Q. Well, let's look at it this way. Let's just say that
 this goes into effect. And, we've talked in the past
 about the two customers on Dubuque Street, in
 Manchester, haven't we?
- 9 A. (Hall) Is that your old neighborhood?
- 10 Q. No, it's not.
- 11 A. (Hall) Oh. Okay.
- Q. Even though I'm French, it's not. But I have asked you in the past, a typical person in Manchester, I say "Dubuque Street", okay, it's right behind West High.
- 15 A. (Hall) I wasn't aware of that.
- Q. So, there's two customers, okay? And, they talk to
 each other. And, one's paying 9. -- what's your
 proposal for January 1st? 9.57? I mean, 8.97? What's
 your proposed ES rate for January, ES rate?
- 20 A. (Hall) I don't recall.
- 21 A. (White) 8.97.
- Q. Thank you. One's paying close to 9. What did you say your current estimate was for ADE?
- 24 A. (Hall) About 7 cents.

- 1 Q. The other's paying 7. And, so, one's saying "well, how
- 2 did you do that?" Let's assume that Customer 1 has
- 3 been with PNE.
- 4 A. (Hall) Uh-huh.
- Q. Goes back to the house, goes to PSNH, gets your 7
- 6 cents. You don't think that that is going to cause a
- 7 lot of calls to you or concerns?
- 8 A. (Hall) I have no idea.
- 9 Q. Okay.
- 10 A. (Hall) What if Customer 2 is getting a deal from
- 11 Comcast because they have been gone or they're a
- 12 brand-new customer?
- 13 Q. Yes, but --
- 14 A. (Hall) Is that going to cause problems between them?
- 15 Perhaps. I don't know.
- 16 Q. Yes, but Comcast is not regulated.
- 17 A. (Hall) Understood.
- 18 Q. Let me ask you, then. What if a residential supplier
- were to say "You're a chump, you're paying 9 cents a
- 20 kilowatt-hour, and your neighbor is paying 7 cents; go
- 21 to -- come to us for a year, and then you can get the 7
- cents yourself"?
- 23 A. (Hall) Uh-huh.
- 24 Q. You really think that's not going to happen?

- 1 A. (Hall) I have no idea what suppliers might say.
- 2 Q. Okay.
- 3 A. (Hall) In fact, some of the reports that I receive from
- 4 what some suppliers are telling customers are somewhat
- 5 disturbing.
- 6 Q. Are you talking about Gold's Gym? Are you talking
- 7 about the incident with Gold's Gym?
- 8 A. (Hall) No.
- 9 Q. Okay. So, let's just leave it at that. I think I'm
- 10 going to try to ask Mr. Mullen whether -- well, let me
- just leave it with you, rather than -- there could be
- some unanticipated consequences that might not be
- pleasant for PSNH out of this program, is that right?
- 14 A. (Hall) I don't agree with your characterization.
- 15 Q. I said "there could be". You're saying "no"?
- 16 A. (Hall) I don't agree with your characterization.
- 17 Q. Okay.
- 18 A. (Hall) I don't know what you mean by "unpleasant for
- 19 PSNH". I don't know what you mean by "unanticipated
- consequences".
- 21 Q. Okay.
- 22 A. (Hall) Your question is too vague for me.
- 23 Q. All right, Mr. Hall. Then, I'll make it very specific.
- You could have 200,000 residential customers leave for

```
1
          the competitive market so that -- as a matter of fact,
          you were saying today, they could leave for the
 2
 3
          competitive market on January 1st, and 12 months,
          customers are going to be on ADE for 12 months, then
 4
 5
          they can go back. A customer has to be with a
 6
          competitive supplier for 12 months, I'm very sorry.
          After that, they can go back to ADE on January 1st,
 7
          leave again on April 1st, come back again July 1st, and
 8
          leave again on October 1st?
 9
10
          (Hall) They could.
11
                         MR. RODIER: Okay. Are you going to
       take a break, madam Chairman? I'm happy to keep going.
12
                         CHAIRMAN IGNATIUS: No, we'll keep
13
14
       going.
15
                         MR. RODIER:
                                      Okay.
16
     BY MR. RODIER:
17
     Q.
          Well, I think we're down to my last one, which is the
18
          metaphysical debate about what's the meaning of
          "otherwise without a supplier". And, I have asked you
19
          on a number of occasions. But we both agree that Rate
20
          ADE is available to customers who -- that you intend to
21
22
          make it available to customers who are otherwise
23
          without a supplier, is that correct?
24
          (Hall) Correct.
     Α.
```

- Q. You interpret that as meaning, well, if the customer is 1 with a competitive supplier and they quit, and they go 2 to Rate ADE, then they're otherwise without a 3 competitive supplier. Without a supplier. Sorry. 4 5 Your position, let me see if I got it right. A 6 customer is with a competitive supplier, they terminate their contract. So, they qualify for Rate ADE, because 7 they're otherwise without a supplier? 8
- 9 A. (Hall) Correct.
- Q. So, even though -- by the way, did you notice -- did you read Mr. Estomin's testimony?
- 12 A. (Hall) I did.
- Q. He said "the purpose of ADE is to lure customers back to the regulated utility." Did you read that?
- 15 A. (Hall) I read it.
- Q. Did you read Mr. Fromuth's testimony, he said the same thing, he even you used the same word "lure"? Do you recall that?
- 19 A. (Hall) I read it.
- Q. Okay. Using their phrases, if you "lure" the customer back to the house, back to the regulated utility, your saying they're otherwise without a competitive supplier?
- 24 A. (Hall) I don't agree with the characterization of

1 That only applies or would only apply in a situation where marginal costs are low. Remember, Rate 2 ADE applies regardless of whether marginal costs are 3 low or high. And, if the situation reverses, certainly 4 5 you wouldn't suggest that we're "luring" customers back at a price above --6

Right. Q.

7

11

19

20

21

22

- (Hall) -- the standard Default Energy Service rate. 8 Α. Beyond that, I address this very issue in my rebuttal. 9 10 If you apply your logic, then, even without Rate ADE, let's set that aside, then, using your logic, Rate DE would not be a rate that's available to customers who 12 are otherwise without a competitive supplier. Because, 13 in the same situation where marginal costs increase, 14 15 would you then be saying that Rate DE, the standard 16 Default Service rate, is meant to "lure" customers 17 back? I don't think so. And, therefore, your argument 18 doesn't hold water. Your logic falls apart.
 - Okay. And, I've asked -- earlier I asked you to assume Q. that all my questions were in the context of marginal costs being less than average costs, okay? You have that in mind?
- 23 Α. (Hall) I have today's situation in mind.
- 24 Right. Q.

- A. (Hall) But I think you need to understand, and the

 Commission needs to understand, the broader context in

 which Rate ADE is designed and will apply. We can't be

 putting blinders on and looking at one specific

 situation and assuming that's the way it's always going

 to be.
- Q. Well, I'm getting ready to wrap this up, I believe.

 But I want to stick to the present situation, which

 could prevail for quite a long period of time, I guess.

 Marginal costs are less than the average costs. PSNH,

 you don't like the use of the word "lure", do you?
- 12 A. (Hall) I don't agree with it. That's not the purpose of the rate.
- 14 Q. Okay. Back to --
- MR. RODIER: Very quickly, madam

 Chairman, I really am almost done.
- 17 BY MR. RODIER:
- Q. I want to go back to Gerald Eaton's closing statement in this proceeding, dated December 20, 2011. Page 2, bottom of Page 2. Do you have that, Mr. Hall?
- 21 A. (Hall) I'm getting it.
- 22 Q. And, let me know when you reach it.
- 23 A. (Hall) I'm there.
- Q. Okay. Bottom of Page 2, there's a paragraph there that

- says "Reasonableness", do you see that?
- 2 A. (Hall) I do.
- 3 Q. Would you read the first sentence in that paragraph.
- 4 A. (Hall) Sure. "Rate ADE is reasonable because it's designed to attract customers back to default service."
- 6 Q. Do you disagree with his statement?
- 7 A. (Hall) The statement describes today's situation. I'd direct your attention to Page 4.
- 9 Q. I'm just --
- 10 A. (Hall) Where you were before.
- 11 Q. Okay.
- 12 A. (Hall) That also talks about the purpose of Rate ADE.

 13 Where that same document says "the purpose of the rate
- is to provide an alternative default service price for
- customers taking service from competitive suppliers and
- contribute to the default service costs above marginal
- costs; therefore, it provides another price signal to
- compare with competitive suppliers' offers."
- 19 Q. I want to invite your attention back to the bottom of
- 20 Page 2, the first sentence that says "Rate ADE is
- reasonable because it is designed to attract customers
- 22 back to default service."
- 23 A. (Hall) Okay.
- 24 Q. You seem to have a problem with anything that suggests

- that what you're trying to do here is really take

 customers out of the competitive market. But, in any

 event, do you agree or disagree with this sentence?

 That's all.
 - A. (Hall) I agree with the sentence in the context of the circumstances that were in effect when it was drafted, and today's circumstances. Since the rate is lower priced and it's marginal cost based, we hope it will be attractive to customers. And, if it is, that will result in benefit to all other customers who are served under the standard rate.
 - Q. Okay. By the way, when this -- this, I think, is the last one. I just wanted to ask you this, it just occurred to me. A customer leaves PSNH to go to PNE.

 Do you have that hypothetical in mind?
- 16 A. (Hall) Yes.

6

7

8

9

10

11

12

13

14

15

- Q. Okay. PNE pays you the selection charge, billing charges, a charge -- a third charge for payments and collections, is that right?
- 20 A. (Hall) Assuming PNE has contracted for those services.
- 21 Q. Okay. Which every supplier in your territory must do?
- 22 A. (Hall) No.
- 23 Q. No?
- 24 A. (Hall) No.

- 1 Q. Okay.
- (Hall) Some suppliers do their own billing. 2 Α.
- Okay. For the residential customers, stick to 3 Q. residential, okay? Sorry. This is a residential 4 5 customer. Now, so, all the way into PNE, let's just 6 stick to the selection charge, PNE pays five bucks. On the way out the door, PSNH -- a customer leaves to go 7 back to you, PSNH pays another \$5.00 -- PNE pays 8
- another \$5.00 to you? 9
- (Hall) I don't know. I'd have to check the tariff. 10 Α.
- Okay. Let's assume that's the case. 11 Ο.
- 12 (Hall) I don't believe it is.
- Then, can you check that and maybe let me know 13
- 14 after lunch or something like that, whether that's the
- 15 case? We know we pay it --
- 16 Α. (Hall) I'm not going to be able to do it today.
- 17 MR. RODIER: Okay. That's all I have,
- 18 madam Chairman.
- 19 CHAIRMAN IGNATIUS: Thank you.
- Questions from Ms. Miranda? 20
- MS. MIRANDA: Thank you, madam Chairman. 21
- Good morning, gentlemen. 22
- 23 WITNESS HALL: Good morning.
- 24 MS. MIRANDA: For the record, Joey Lee

- 1 Miranda, from Robinson & Cole, on behalf of the Retail
- 2 Energy Supply Association.
- 3 BY MS. MIRANDA:

17

18

19

20

21

22

23

24

- Q. The Rate DE -- ADE is going to be determined on an annual basis, is that correct?
- 6 A. (Hall) Correct. Subject to change after six months.
- Q. In one event, and that's when the market price -forward market price is greater than 75 percent of the
 adder, is that correct?
- 10 A. (Hall) No. It's when the difference between forward

 11 market prices, basically, four or five months into the

 12 annual period, the forward market prices differ from

 13 the forward market prices used to set the rate. And,

 14 that difference is more than -- is 75 percent or more

 15 of the adder.
 - Q. Okay. So, it's the -- it was the difference between the forecasted forward energy market prices and the actual energy market prices that is greater than 75 percent, the difference?
 - A. (Hall) No. No. It's looking at two different sets of forward market prices that were determined at two different times. I mean, the market can shift. So, forward market prices for a 12-month period, determined, say, in December of the previous year, will

- be different than forward market prices for the
 remainder of that 12-month period, when looked at in,
 say, May of the following year.
 - Q. Okay. So, then, essentially, it is -- you're not comparing -- you're comparing your forward market price forecast when the rate is set, let's say, for January 1st, 2013, to the forward market price as it exists, say, in February 2013. And, if there's less than a 75 percent -- 75 percent or less difference, the rate remains in effect. If it's greater than 75 percent, you would seek to close Rate ADE?
- 12 A. (Hall) Essentially, yes.
- Q. Okay. So, it's not looking at forward market price as a comparison to actual costs. It's a forward market price versus the forward market price in some other month?
- 17 A. (Hall) Correct.

5

6

7

8

9

10

11

- Q. Thank you. With respect to the term -- the term of service, I thought I understood it, but now, based on your response to Commissioner Harrington's question,

 I'm confused.
- 22 A. (Hall) Okay.
- Q. So, I'd like to clarify. For the term of service, let's assume right now that it's 24 months as you

- propose. If I'm a customer that has been on

 competitive supplier for 12 or more months, I return.

 I stay with PSNH for six months on the Alternative

 Default Energy rate.
- 5 A. (Hall) Okay.
- Q. I then leave and go back to competitive supply for some period less than a year. During the time I'm on competitive supply, does that go into the 24 months or does the clock stop at the six months I was at PSNH, and then starts again when I come back to PSNH?
 - A. (Hall) The clock continues to run.
- Q. So, if I am -- so, I just want to clarify it. I'm on
 PSNH service for six -- Alternative Default Energy rate
 for six months.
- 15 A. (Hall) Uh-huh.

16

17

18

19

- Q. I go to the competitive market, and I'm served by a competitive supplier for nine months. I then return to PSNH, return to PSNH Alternative Default Energy rate, correct?
- 20 A. (Hall) Correct.
- Q. And, I'm on it for nine more months, for a total of 24?
- A. (Hall) Yes. Except that understand, even during that remaining nine more months, there's no requirement to stay on energy service from PSNH.

- Q. Right. But I am required to stay on Alternative

 Default Energy, not Default Energy, if I am at PSNH?
- 3 A. (Hall) Yes.
- Q. Thank you. Earlier, I believe you testified that you

 "did not believe that the rate was confusing, because

 you expect mostly larger sophisticated customers to

 take advantage of it." Is that accurate?
- 8 A. (Hall) Yes.
- 9 Q. However, the rate is open to customers who are small commercial and industrial customers, is that correct?
- 11 A. (Hall) It will be within nine months following the initial effectiveness of the rate.
- Q. So, nine months after the initial effectiveness, it will be open to small commercial and industrial customers?
- 16 A. (Hall) Yes.
- Q. And, nine months after the initial effectiveness, it will be open to residential customers?
- 19 A. (Hall) Yes.
- Q. Okay. Currently, PSNH cannot track how long a customer
 has been out on -- an individual customer has been out
 on competitive supply services, is that correct?
- A. (Hall) No. I think a more accurate statement would be "Currently, we do not track how long, because there's

- 1 no need to do so."
- Q. Do you recall receiving a data request from the Retail
 Energy Supply Association --
- 4 A. (Hall) Yes.
- 5 Q. -- in connection with this proceeding?
- 6 A. (Hall) Yes.
- Q. And, do you recall, in those RESA -- in those data
 requests that RESA asked for specific information
 regarding the number of customers that switched back
 and forth from competitive supply for some period of
 time?
- 12 A. (Hall) Yes. I'm turning to them now. I think it is
 13 Questions 1 and 2.
- 14 That's correct. I'm sorry, I'm actually having trouble Q. 15 finding them. One second. In response to those 16 requests for information regarding how many customers 17 moved back and forth between competitive supply and default service, you indicated that "PSNH does not 18 track this information and has no way of obtaining it, 19 other than by analyzing each individual's customer 20 history", is that correct? 21
- 22 A. (Hall) Correct.
- Q. Okay. For purposes of determining how long customers are on Rate ADE, and how long customers are away and on

- 1 competitive supply, --
- 2 A. (Hall) Uh-huh.
- Q. -- PSNH will need to obtain this information, is that correct?
- A. (Hall) Not the specific question you asked, but we will need to track individual customers and the amount of time their own on competitive supply.
- 8 Q. And, the amount of time they're on Rate ADE?
- 9 A. (Hall) Yes.
- Q. And, will that be done through an automated system or a manual system?
- 12 A. (Hall) Automated.
- Q. And, will that require changes to your IT infrastructure to make that happen?
- 15 A. (Hall) I'm not sure what you mean by "changes to IT

 16 infrastructure". There will be programming necessary

 17 to do it.
- Q. Okay. And, the costs of that programming will be borne by who? PSNH stockholders?
- A. (Hall) Essentially, yes. I mean, any costs that PSNH incurs, that doesn't get flowed through some tracking mechanism, is effectively borne by stockholders.
- Q. In response to questions from Attorney Rodier, you indicated that existing employees would be used to

provide -- to make whatever changes were necessary to implement this program, is that correct?

- A. (Hall) Yes. We're not going to be hiring contractors to do it.
 - Q. And, where are the costs associated with those employees' salaries currently recovered? In the generation portion of rates or the distribution portion of rates?
- A. (Hall) I'm going to answer this in two ways. It depends on the type of work that they're doing. In general, the test year costs associated with work done by that function is included in distribution rates.

 But, once rates are set, distribution rates are just a price. There is no matching after-the-fact of costs incurred with rates recovered.

So, with that caveat, I think the answer to your question is "distribution, generally."

- Q. So, essentially, the costs are incurred through distribution, with the understanding that there is no reconciliation between estimated costs and actual costs, is that correct?
- A. (Hall) Again, I'm going to add the caveat. Because, if costs have increased since the time that rates were set, and the test year used to set rates, then who

- 1 knows where those costs are recovered. Maybe they're
 2 not recovered at all.
- Q. So, essentially, there is no reconciliation process for your distribution rates?
- 5 A. (Hall) Correct.
- Q. Okay. Thank you. In response to questions from
 Attorney Rodier, and I know it's been talked about
 through the technical sessions and discovery, the plan
 is for PSNH to engage in some educational or marketing
 opportunity to make customers aware of Rate ADE and how
 it will work, is that correct?
- 12 A. (Hall) I'm sure that there will be some sort of
 13 education or discussions with customers or whatever.
 14 I'm not sure what it will be.
- Q. The costs associated with that will be collected in the distribution rates?
- 17 A. (Hall) No. Going --

- 18 Q. From PSNH stockholders?
- A. (Hall) Going back to my earlier response, it's
 impossible to trace where certain costs are collected.

 Distribution rates are just a number. Therefore, to
 the extent that any of these costs are incurred, we're
 not going to change rates as a result of it.
 - Q. Isn't it true that Northeast Utilities, when it has an

employee performing functions, it can have that 1 employee categorized, the functions that they're 2 performing as "generation related", "transmission 3 related", "distribution related"? 4 (Hall) Or "customer service related", and there are 5 6 probably two or three others. But, yes, Northeast Utilities Service Company employees 7 Q. 8 do account for their time based on the function that 9 they're performing, is that correct? 10 (Hall) Yes. Α. 11 And, based on the function that they're performing, Ο. that those costs are allocated to generation, 12 distribution, and transmission rates, generally, using 13 the broad -- the broad categories, I know there are 14 15 customer service charges, but using the broad 16 categories, it's generation, distribution and 17 transmission, correct? 18 Α. (Hall) Oh, I agree. Right. Thank you. In response to questions from Attorney 19 Q. Rodier, he referred you to PSNH's response to the 20 PNE-FEL Set 1, Question 6. Can you just turn there 21 22 please? 23 CHAIRMAN IGNATIUS: And, that would be

{DE 11-216} [Day 1] {10-18-12}

24

in Exhibit 11?

- 1 MS. MIRANDA: Yes. I apologize, yes.
- 2 That's Exhibit 11.
- 3 BY MS. MIRANDA:
- Q. Okay. Exhibit 11, Question 6. And, the response indicates that "Rate DE includes the embedded cost of PSNH's generation and the marginal cost of PSNH's power purchases." Did I read that correctly?
- 8 A. (Hall) Yes.
- 9 Q. Rate ADE, on the other hand, will be the marginal cost
 10 of PSNH's power purchase necessary to serve the
 11 customers on that rate, plus the adder, is that
- 13 A. (Hall) Yes.

correct?

12

- Q. As a result, the marginal cost paid by the Rate DE customers, currently paid by the Rate DE customers, will decrease, is that correct?
- 17 A. (Hall) No. It will remain the same.
- Q. When a customer -- so, let me clarify then. When a customer returns today, no Rate ADE in effect, when a customer returns from competitive supply today, no matter how long they have been gone, they return to Rate DE, is that correct?
- 23 A. (Hall) Yes.
- Q. When the customer returns to Rate DE, if PSNH does not

- have sufficient power from its own generating resources
 to serve that customer, it must purchase that power in
 the market, is that correct?
- 4 A. (White) Yes.
- Q. And, there is a marginal cost associated with purchasing the power for that additional customer in the market, correct?
- 8 A. (White) Correct.
- 9 Q. And, if two customers come back, I know this is
 10 probably over simplifying it, but I'm sure one customer
 11 may not change it all that much. But, if two customers
 12 come back, two -- you now then have an additional
 13 marginal cost to serve the second customer that has
 14 returned, is that correct?
- 15 A. (White) Yes.
- Q. Okay. Now, let's switch to Rate ADE is in effect.

 Customer 1 comes back, has been on competitive supply
- for more than 12 months, they go to Rate ADE.
- 19 A. (Hall) Uh-huh.
- Q. There is no additional added marginal cost to Rate DE for serving that customer, correct?
- 22 A. (Hall) Correct.
- Q. Rather that added marginal cost is now into Rate ADE, correct?

- 1 A. (Hall) Yes.
- Q. And, then, the second customer returns, same thing, no additional marginal cost to Rate DE, but added marginal cost to Rate ADE?
- A. (Hall) Conceptually, that's correct. The difference is that all of the costs associated with serving Rate ADE and all of the revenue received from Rate ADE will flow through the Rate DE reconciliation.
- 9 Q. Okay.
- 10 A. (Hall) But, conceptually, I agree with you.
- Q. Thank you. I'd like to turn now to a discussion of what happens when Rate ADE closes and reopens.
- 13 A. (Hall) Okay.
- Q. Rate ADE, my understanding is, as we talked about, is
 the difference between the forward -- the forward
 market price at the time Rate ADE is set and the
 forward market price at some point during the one-year
 period.
- 19 A. (Hall) Uh-huh.
- Q. The difference is greater than 75 percent the rate will close, is that correct?
- A. (Hall) If the difference is greater than 75 percent of the adder, yes. The rate closes to new customers.
- Q. Customers who come back to PSNH service during the time

- 1 that the rate is closed will be placed on Rate DE, is
- 2 that correct?
- 3 A. (Hall) Correct.
- 4 Q. Once Rate ADE reopens, those customers who were put on
- Rate DE will then be moved to Rate ADE, is that
- 6 correct?
- 7 A. (Hall) Yes.
- 8 Q. Rate ADE will never be closed for longer than six
- 9 months, is that correct?
- 10 A. (White) Yes, I don't know how it could stay closed for
- 11 longer than that.
- 12 A. (Hall) Yes.
- 13 A. (White) It would reopen for at least a month, --
- 14 A. (Hall) Right.
- 15 A. (White) -- like a mid-year rate adjustment.
- 16 A. (Hall) I was trying to envision a situation where it
- would stay closed for longer than six months, and I
- 18 can't come up with a scenario.
- 19 Q. If I'm a customer -- if I'm a current customer of PSNH,
- when I want to know what rate I'm paying, I look to
- 21 Rate DE and I know that it's X dollars, X dollars per
- megawatt-hour or X cents per kilowatt-hour, correct?
- 23 A. (Hall) Yes.
- Q. When I'm a customer -- under the current situation,

- when I'm a customer with a competitive supplier, and
- 2 I'm trying to figure out if I want to stay with my
- 3 competitive supplier, or maybe PSNH's rate is better, I
- 4 look to Rate DE, is that correct, under today's
- 5 circumstances?
- 6 A. (Hall) Presumably, yes.
- 7 Q. Okay. Now, let's jump forward and assume that Rate ADE
- 8 is implemented.
- 9 A. (Hall) Okay.
- 10 Q. I am a current customer of PSNH, when I want to know
- 11 how much I'm paying, I look to Rate DE, no change?
- 12 A. (Hall) Correct.
- Q. When I'm a customer who's on a competitive supplier, I
- have to first figure out how long I've been with the
- competitive supplier before I know which rate I'm going
- to go on when I come back to PSNH, correct?
- 17 A. (Hall) Yes.
- 18 Q. Okay. Second, I need to know whether or not Rate ADE
- 19 -- assume for a second I am in the 12-month period, --
- 20 A. (Hall) Uh-huh.
- 21 Q. -- I've been out more than 12 months. I then need to
- 22 know if Rate ADE is open or not, is that correct?
- 23 A. (Hall) Yes.
- Q. So, -- and, then, if Rate ADE is closed, then I know

- that I would look to Rate DE to see what I would pay
- when I switch back?
 - A. (Hall) Yes.

- 4 Q. But I would only know what Rate DE is -- I would only
- 5 be on Rate DE until you reopened Rate ADE?
- 6 A. (Hall) Correct.
- 7 Q. So, as a customer, who's been out for 12 or more months
- 8 on the competitive market, in order to figure out what
- 9 I'm paying when I go back to PSNH, I need to understand
- if the rate is open or closed, and I need to understand
- 11 how long DE is going to be closed before I know what my
- new rate is going to be under ADE, if it's closed, how
- long it's going to be closed, so that I can figure out
- 14 what my potentially new rate would be?
- 15 A. (Hall) Yes.
- 16 Q. Okay. Thank you. I'd like to refer you to Exhibit 7,
- which is your initial testimony.
- 18 A. (Hall) Okay.
- 19 Q. Page 17. Are you there?
- 20 A. (Hall) I am.
- 21 Q. Lines 19 through 21. The first full sentence, the
- beginning of the sentence started on Line 19, reads
- 23 "PSNH believes that it is important to establish this
- rate as soon as possible so that customers will have

- another alternative that has the benefit of mitigating
- 2 migration." End of sentence. Did I read that
- 3 correctly?
- 4 A. (Hall) Yes.
- 5 Q. Thank you. In performing PSNH's analysis for the
- 6 establishment of Rate ADE, there were essentially three
- 7 assumptions that were looked at in that analysis, as
- 8 indicated on Page 18 of Exhibit 7?
- 9 A. (Hall) Yes. You're referring to the risk analysis?
- 10 Q. Yes.
- 11 A. (Hall) Okay.
- 12 Q. So, with respect to that analysis, you looked at market
- price movements; the amount of sales, which react to
- price movements; and the amount of adders to marginal
- cost to determine retail price, is that correct?
- 16 A. (White) Yes.
- 17 Q. However, on Page 20 of Exhibit 7, Lines 11 through 13,
- you do indicate that "some of the assumptions [you]
- 19 have made with respect to the market prices are highly
- 20 unlikely to occur", is that correct?
- 21 A. (White) That's what's stated there, yes.
- 22 Q. And, you also, on that same Page 20, at the bottom on
- Pages 8 -- excuse me, Lines 18 through 20, also
- indicate that "the amount of the benefit to be realized

- from implementation of Rate ADE will largely be
 dependent on the amount of the load that returns", is
 that correct? Did I read that or summarize that
 correctly?
 - A. (White) Yes, you did.
 - Q. Okay. If no customers take service under Rate ADE, there will be no benefit from Rate ADE realized for customers on Rate DE, is that correct?
- 9 A. (Hall) Yes.

6

7

8

18

19

20

21

22

23

24

- 10 If -- and, so, your sentence -- this sentence that I Q. just read about the amount of load that returns, the 11 benefit, as I understand your testimony, is that the 12 Rate ADE customers contribute the -- we'll use one cent 13 we know, adder, to the non-operating costs of the 14 15 Scrubber. And, that's the benefit that the Rate DE 16 customers receive from Rate ADE customers in having 17 this rate in effect, is that correct?
 - A. (Hall) Yes. The benefit is the increment, the revenue that we get in excess of the marginal cost of serving the load.
 - Q. In reaching your -- coming up with your assumptions with respect to the risk analysis, and this is on Page 18 of Exhibit 7, one of those assumptions, correct, is that customers have perfect foresight, that customers

- essentially react immediately to a price change that benefits them, even if it's the smallest, you know, if it's four decimal points out, every customer reacts positively or negatively to a price change, is that correct?
- A. (White) Yes. The analysis was done using Excel. And, the customer decisions were based on a direct comparison of assumed third party supplier rates to Rate ADE. So, any however small a difference would drive the assumed reaction one way or the other.
- Q. And, the prices that were used to represent the retail market prices, not the PSNH prices, were also based on assumptions on your part, and not actual data, correct?
- A. (White) Yes. It's based on assumptions. We, through the normal course of business, in other jurisdictions, our group also handles competitive solicitations for standard service supply in Massachusetts and Connecticut. And, during the course of those solicitations, we perform analysis to make a forecast of what we believe should be reasonable offers from suppliers.
- 22 Q. Those are wholesale suppliers, correct?
- And, having done that for several years, and developing

the baseline for that analysis through a marginal cost
analysis, and then, through experience, seeing the
difference between the straight marginal cost and the
offers that actually come in, we've derived some
empirical evidence about what profit and risk premium
adders are on top of a straight marginal cost
calculation. So, --

Q. At the wholesale level?

- A. (White) At the wholesale level. So, it's been roughly using that type of information and knowledge that resides in our department, sort of guided the assumptions used in this risk analysis. It's not hard data necessarily.
- Q. For purposes of determining the cost of Rate ADE, you've indicated it's a marginal cost, plus the non-operating costs associated with the Scrubber adder. I want to talk not about the adder, because I think we all know sort of what's going in that. I want to talk about the other piece of the cost that is used to establish ADE.
- A. (White) Okay.
 - Q. That cost will only include the costs that PSNH incurs in buying power out of the market to serve the customers returning, is that correct, and including

- energy, ancillary services, renewable energy credits,

 all of the pieces of the energy? It will -- is that

 correct?
 - A. (Hall) I want to make sure that we're grounded and understand your question.
- Q. The cost component, the non-adder component, will consist of the costs that PSNH incurs to serve customers that are on Rate ADE through the market, including all costs of energy, ancillary services, renewable energy credits, capacity congestion, etcetera, is that correct?
- 12 A. (White) Yes. It's market-based full requirements service.
- Q. So, again, keeping the adder out of the picture, the
 marginal cost does not include any costs associated
 with PSNH's existing generation fleet, is that correct?
- 17 A. (White) That's correct.

5

- 18 Q. The adder, I understand, does. But the cost does not, is that correct?
- A. (White) That's correct. That the forecast of market

 prices to establish the rate does not include any costs

 of PSNH owned generation. It's strictly market-based.
- Q. And, PSNH will set the annual rate for Rate ADE based on its -- based on forward energy -- a forecast of

- forward energy market prices, plus the adder, is that correct?
- A. (White) I'm sorry. Could you repeat that. I think I missed the first part.
- Q. PSNH will set Rate ADE on an annual basis, assuming -let's assume that the thing that closes the rate
 doesn't occur, on an annual basis, based on a forecast
 of forward energy market prices, plus the cost of the
 adder?
- A. (White) Yes. And, when you say "forward market energy prices", it will also include the things you mentioned previously, all ancillaries, capacity, ISO administration expenses, all expenses assigned to load in the New England region.
- Q. And, it will be based on a forecast of all those costs, correct?
- 17 A. (White) That's correct.
- 18 O. Plus the adder?
- 19 A. (White) Plus the adder.
- Q. Okay. Assuming again the rate doesn't close, during
 the -- for one year PSNH will track all of the actual
 costs that it incurs, is that correct?
- 23 A. (White) Yes.
- 24 Q. To serve Rate ADE customers?

Α. (White) That's correct.

1

5

8

9

10

11

16

17

18

19

20

21

22

23

24

- At the end of a year, PSNH will then, again, assuming 2 Q. 3 no closure, at the end of a year, PSNH will then reconcile its actual costs for serving ADE customers, 4 and the -- against its forecast of all the load-serving costs associated with serving those customers, plus the 6 cost of the adder? 7
 - (White) Well, let me address two parts. The "official Α. reconciliation" of default energy service costs, both DE load and ADE load will be reconciled together. agreed to in the Settlement, --
- 12 To which RESA is not a party, correct? Q.
- (Hall) Correct. 13
- 14 (White) That's correct.
- 15 Thank you. Q.
 - Α. (White) By the 25th of each month during the ADE term, we're going to provide a report, which will provide the information you mentioned, which will be a comparison of ADE revenue, compared to the actual costs to serve Rate ADE load during the course of a month. So, at the end of a year, we'll have a year's worth of -- I just mention it, because it's really a calculation sort of off to the side for reporting purposes to evaluate the benefits or the performance of Rate ADE.

```
1
     Q.
          And, the reason it's a calculation off to the side is
          because the actual reconciliation of the costs and
 2
          revenues will be done in -- costs and revenues
 3
          associated with Rate ADE will actually be reconciled in
 4
 5
          Rate DE, is that correct?
          (White) That's correct.
 6
 7
          Thank you.
     Ο.
                         CHAIRMAN IGNATIUS: Before you move on,
 8
      Ms. Miranda, this may be a good time for a break. Am I
 9
10
       cutting you off on a question?
11
                         MS. MIRANDA: Nope. That's fine.
                                                            Thank
       you, madam Chairman.
12
13
                         CHAIRMAN IGNATIUS: All right. So,
       assuming you have more to go, let's not start a new area,
14
15
       it's now 12:15. I think we should take a lunch break of
16
       an hour and fifteen minutes, and resume at 1:30 and
17
       continue with your questioning.
18
                         MS. MIRANDA: Thank you.
                         CHAIRMAN IGNATIUS: All right. Thank
19
       you. So, Mr. Estomin, if you can call back in at 1:30,
20
      we'll resume.
21
                         MR. ESTOMIN:
                                       I will be here.
22
23
                         CHAIRMAN IGNATIUS: Thank you.
```

{DE 11-216} [Day 1] {10-18-12}

Thank you.

MS. CHAMBERLIN:

24

1	MR. ESTOMIN: Thank you.
2	CHAIRMAN IGNATIUS: All right. We will
3	stay in recess until 1:30. Thank you.
4	(Lunch recess taken at 12:14 p.m. and
5	the hearing resumed at 1:32 p.m.)
6	CHAIRMAN IGNATIUS: All right. We're
7	back to the afternoon. And, Ms. Miranda, you're
8	continuing your questioning of the PSNH witnesses.
9	MS. MIRANDA: Thank you, madam Chair.
LO	Good afternoon, gentlemen.
L1	WITNESS HALL: Good afternoon.
L2	MS. MIRANDA: I only have about ten,
L3	fifteen more hours no, about ten or fifteen more
L4	minutes of questions. So, I appreciate your patience.
L5	WITNESS HALL: I was going to ask you
L6	for a sharp stick to push into my eye.
L7	(Laughter.)
L8	BY MS. MIRANDA:
L9	Q. Earlier, we were discussing customer choices when they
20	come back from competitive supply, once, assuming Rate
21	ADE is implemented, and indicating that, if a customer
22	comes back, who is eligible for Rate ADE, and it is
23	closed, they are put on the Rate DE, that's correct?
24	A (White) Yes

- Q. Okay. Once Rate ADE is reopened, they are then transferred over to Rate ADE, correct?
- 3 A. (White) Yes.
- Q. Okay. How will the customer know what the rate will be on Rate ADE? What notice will they be provided, and in what manner?
- 7 A. (Hall) You mean when they get transferred back?
- Q. Yes. How will they know what the -- assuming for a -let me try it this way. I'm a customer and I'm on Rate
 DE.
- 11 A. (White) Yes.
- Q. And, ADE is closed, and you're about to reopen it in some period of time, whether it's two days from now or sixty days from now.
- 15 A. (Hall) Uh-huh.

24

- Q. How am I going to know what my new rate will be on Rate
 ADE when I -- when that rate reopens?
- A. (Hall) The only way Rate ADE will change will be

 pursuant to a hearing before the Commission, which is

 subject to notice procedure, and then we have a tariff

 that we file in compliance with an order that the

 Commission issues. So, it's a public procedure.
 - Q. Will the customer be provided individual notice or will it just be the public notice that there is a proceeding

in front of this Commission?

- A. (Hall) Right now, if we're transferring them from Rate

 DE back to Rate ADE, when Rate ADE reopens, we're not

 planning on individual customer notification. Just

 like today, there's no notification individually when

 Rate DE changes.
 - Q. When Rate DE changes, it changes on a predictable schedule for customers, is that correct? Every three months, every six months, every twelve months, whatever that is, it's a predictable schedule?
 - A. (Hall) Rate DE is basically annually, subject to change every six months. Historically, there has been a change every six months. Rate ADE will be the same.

 It will change on the same dates.
 - Q. And, how far in advance of the new Rate ADE being implemented will customers know what the approved rate is from this Commission? Is it two days? Is it thirty days? Does it vary?
 - A. (Hall) The customers -- excuse me. PSNH's filing would be made, I believe, approximately 45 days in advance of a July 1st effective date. So, there would be at least a 45 day notice.
- Q. And that, that would be -- the 45 day notice would be the PSNH proposed rate, correct?

- 1 A. (Hall) Yes.
- Q. And, it is possible that this Commission could decide that the proposed rate is not the actual approved rate and change it, correct?
- 5 A. (Hall) Sure.

14

15

- Q. How far in advance does the Commission issue a decision giving the actual rate that will be -- that will be implemented?
- 9 A. (Hall) That is up to the Commission and the -- how
 10 heavy their schedule is at the time. Typically, the
 11 Commission issues orders for rates effective July 1st
 12 sometime during the last week of June.
 - Q. So, approximately -- I understand that it varies. But, generally, it's about a week in advance of the rate going into effect?
- 16 A. (Hall) Could be, yes.
- 17 Q. If I'm a customer who's currently on PSNH service, and
 18 I wish to switch to a competitive supplier, how many
 19 advance days notice is required for PSNH to make that
 20 change occur?
- 21 A. (Hall) I think it's two, but that's subject to check.
- 22 Q. Two business days or two calendar days?
- A. (Hall) I believe it's two business days. Might be three, but two seems to come to mind.

- Q. 1 Okay. Thank you. Okay. Switching gears slightly back to costs for implementation of the Alternative Default 2 Energy rate. In response to an interrogatory from the 3 OCA, Set 2, Question 2, you were asked to provide 4 5 additional information regarding plans to modify your 6 billing system, to enable residential and small C&I customers to participate? 7
- 8 A. (Hall) Yes.
- 9 Q. Assuming Rate ADE is approved by the Commission,

 10 currently, PSNH is seeking to have it go into effect on

 11 January 1st, 2013 for large and medium C&I customers,

 12 correct?
- 13 A. (Hall) Correct.
- Q. And, then, approximately nine months later, you're seeking to have it go into effect for small commercial and residential customers, correct?
- 17 A. (Hall) Yes.
- Q. And, the reason that you need that time lag is to make the modifications to the billing system that are referenced in this interrogatory response, is that correct?
- 22 A. (Hall) Yes.
- Q. And, you have not yet developed a detailed schedule or cost estimate for making those modifications, is that

- 1 correct?
- 2 A. (Hall) Correct.
- Q. And, the cost associated with modifying that billing system will not be included in the costs that are charged to customers as part of Rate ADE, is that correct?
- 7 A. (Hall) Correct.
- Q. Thank you. Further following up on the cost issue, in response to an interrogatory from OCA, Set 3, Question 2, you were asked about the employee hours that will be allocated to the modification of the billing system.

 And, whether or not PSNH has a mechanism or a process in place to track the employee work tasks and time. Do you recall that?
- 15 A. (Hall) Yes.
- Q. Okay. And, you indicated that you do have a time reporting -- PSNH does have a time reporting system that is capable of tracking costs, that's correct?
- 19 A. (Hall) Yes.
- Q. But PSNH does not intend to allocate or otherwise
 apportion costs associated with those changes to Rate
 ADE itself, is that correct?
- 23 A. (Hall) Correct.
- Q. Thank you. During discovery, in RESA's interrogatories

- or data requests to the Company, the Company was asked
 "if the Commission approves Rate ADE, is Rate DE
 expected to decrease or increase?" Do you recall that
 question generally? It's Question 6.
- 5 A. (Hall) Okay. I was just looking for it. Yes, I do recall it.
- Q. And, then -- and, the response was that you "expect Rate DE will decrease if Rate ADE is approved"?
- 9 A. (Hall) Yes.
- Q. That -- and, further on in the response, it indicates
 that that's based on the assumption essentially that
 the revenues that you receive through ADE are in excess
 of the marginal cost of serving those customers, is
 that correct?
- 15 A. (Hall) Correct.
- 16 Q. Okay. And, therefore, it will produce an overrecovery?
- 17 A. (Hall) Correct.
- Q. Is there a circumstance under which it would produce a underrecovery?
- A. (Hall) That circumstance always exists. But that
 really was -- excuse me -- that was the purpose of the
 risk analysis that we did that was attached to our
 testimony that we filed in April. We kind of came up
 with different scenarios and a set of assumptions which

```
1
          we thought were relatively conservative, with respect
          to making it appear as risky as possible. And, what we
2
          found is that, in I think all but one or two of the
 3
          scenarios that we looked at, there would be a decrease
4
 5
          in costs for Rate DE. In other words, the revenue from
          Rate ADE would be greater than the cost of serving the
 6
          load. And, in those one or two scenarios where the
 7
          opposite occurred, the difference was a matter of a few
8
          thousand dollars. It was very small. So, that really
9
          was what that risk analysis was trying to get at.
10
```

- Q. And, in either event, an overrecovery or an underrecovery, that overrecovery or underrecovery will be done through Rate DE, is that correct?
- A. (Hall) Yes.

12

13

14

- MS. MIRANDA: Okay. I have no further questions. Thank you, madam Chairman.
- 17 CHAIRMAN IGNATIUS: Thank you.
- 18 Questions from Ms. Chamberlin?
- MS. CHAMBERLIN: Thank you.
- 20 BY MS. CHAMBERLIN:
- Q. Mr. Hall, at the beginning of these questions, you estimated that ADE would be approximately seven cents, is that correct?
- 24 A. (Hall) Yes. Based on a look at 2013 forward market

- prices that I think we looked at perhaps a couple of weeks ago.
- Q. And, that includes the one cent -- approximately one cent adder?
- 5 A. (Hall) Yes.
- Q. Yes. Okay. Under the terms of the proposed Settlement
 Agreement, it's PSNH, the OCA, and Staff that are in
 agreement, except for the one term of service?
- 9 A. (Hall) Correct.
- 10 Q. Correct. And, this is proposed to be a pilot program?
- 11 A. (Hall) Yes.
- Q. And, as a pilot program, it will not continue past the three years without a Commission order and review to do so?
- 15 Α. (Hall) Correct. There's language in the Settlement 16 describing what happens. It's on Page 4, under 17 Paragraph 2.2. And, it says, "the term "pilot" is 18 intended to indicate a non-permanent test or trial of Rate ADE, which pilot shall be evaluated by the 19 Commission upon conclusion of the pilot period or prior 20 21 to any modifications to or extensions of the pilot 22 program." So, something's got to happen.
- Q. Right. But the Commission has to take action?
- 24 A. (Hall) Yes.

- Q. Right. And, we also included in the agreement that, if the Legislature were to take action and override this, that is not prohibited by this pilot? And, that is --
 - A. (Hall) I believe so. I don't know where that language is offhand.
- 6 Q. Page 9, Paragraph 3.3?

- 7 A. (Hall) We're here. Yes. Thank you.
- Q. And, in terms of the one element that we haven't reached agreement on with the three parties, could you reiterate why you believe 24 months is the correct time?
 - A. (Hall) Sure. The basic reason is to ensure that Rate

 ADE -- to ensure that value isn't removed from standard

 Rate DE customers as a result of Rate ADE's

 implementation. And, PSNH's concern is that, with just

 the 12-month term of service, there really isn't going

 to be a whole lot of opportunity for Rate ADE to work

 and provide that value. And, therefore, we're

 proposing 24 months, instead of 12.
 - Q. So, looking at the rebuttal testimony, on Page 9, it says, "PSNH's concern with a 12 month term is that it dilutes the value of the rate as a mitigation tool for the effects of migration, and thereby dilutes value for all other customers." And, you still agree with that

- 1 statement?
- 2 A. (Hall) I do.
- Q. In terms of whether or not the rate is an attractive one, that will be up to the customers, correct?
- 5 A. (Hall) That's entirely up to customers to determine.
- Q. So, customers will -- they still have the option to do competitive supply or they can come back to this rate, they will have to choose?
- 9 A. (Hall) Yes.
- Q. What they think is best for their business or for their homes?
- 12 A. (Hall) Correct.
- Q. And, the only reason that this is being delayed for the residential customers is a software billing issue?
- 15 A. (Hall) Yes. And, it's because our smaller customers,

 16 small general service and residential, are billed under

 17 a different billing system than larger customers.
- 18 Q. Okay.
- 19 A. (Hall) And, as a result, there's a lot more work
 20 involved, it's a more complex system. And,
 21 implementing Rate ADE under that billing system,
 22 there's a lot more to it. I don't fully understand all
 23 of the things that are being done, I'm not an expert in
 24 our billing system, but that's what I've been told.

- Q. And, if the Commission approves this, you'll make sure they get right on it?
- A. (Hall) We committed to having Rate ADE available to smaller customers within nine months.
- 5 Q. Okay. And sooner, if possible?
- 6 A. (Hall) Yes.
- 7 MS. CHAMBERLIN: Okay. Thank you. No 8 more questions.
- 9 CHAIRMAN IGNATIUS: Thank you. Ms.
- 10 Amidon?
- MS. AMIDON: Thank you. With your
- 12 permission, Steve Mullen and I will both have some
- 13 questions for the witnesses.
- 14 CHAIRMAN IGNATIUS: That will be fine.
- 15 I just -- I realize we forgot to check in with our mystery
- 16 quest here.
- 17 MS. CHAMBERLIN: He's still here. We
- 18 brought him in.
- 19 CHAIRMAN IGNATIUS: Were you here, Mr.
- 20 Estomin?
- MS. CHAMBERLIN: Steve, are you there?
- MR. ESTOMIN: Yes. I'm still here.
- 23 CHAIRMAN IGNATIUS: Good. Thank you.
- 24 All right. Please proceed with Staff questions.

MS. AMIDON: Thank you. Good afternoon.

2 WITNESS HALL: Good afternoon.

BY MS. AMIDON:

- Q. I wanted to follow on something that Ms. Chamberlin raised, and that has to do with the term of the pilot program. And, if we look at Page 7 of Exhibit 9, which is the Settlement Agreement, at 2.4.2, the settling parties agree that PSNH shall file a report on December 1 of each year to -- basically, for purposes of assessing what's happening with the Rate ADE, is that correct?
- 12 A. (Hall) Yes.
 - Q. And, it details in that section, and I won't read it, what the report will consist of. But, if we go back to Page 4 of the Agreement, at Section 2.2, the last sentence in that section says, "Nothing in this agreement shall be construed to limit the authority of the Commission to terminate this rate prior to the end of the 36-month pilot period." Is that correct?
 - A. (Hall) Yes.
 - Q. And, would you agree with me that the purpose of this, recognizing the Commission's authority, is that, based on whatever report may be filed, the Commission may determine that it's appropriate to terminate the pilot

- 1 program, for whatever reason?
- 2 A. (Hall) Yes.
- Okay. Thank you. And, Mr. Hall, I believe -- I 3 Q. believe this is a question for you. You've talked a 4 5 lot about how the Company would propose to readjust the 6 marginal -- marginal energy cost portion of the ADE rate. Would you please describe at this point what the 7 Company proposes as an adder to the rate? I know the 8 adder represents the non-operating costs of the 9 10 Scrubber installed at Merrimack Station. But could you 11 give us a value for that at this point?
- 12 A. (Hall) In cents per kilowatt-hour?
- 13 Q. Yes.
- A. (Hall) I believe it's around 1.03, or at least that's
 what it was the last time we calculated it. I haven't
 done an updated calculation of it in a few months.
- 17 Q. In connection with, for example, the updated forecast
 18 that you would be preparing for the marginal energy
 19 cost portion of the case -- of the rate, --
- 20 A. (Hall) Okay.
- Q. -- would you also be preparing an updated calculation of the adder?
- A. (Hall) That wasn't the intent. Rather, the adder was intended to remain in effect for 12 months, and the

- 1 rate would only be subject to change to the extent the
- 2 marginal costs shifted.
- 3 Q. Well, let me ask you this a different way.
- 4 A. (Hall) Okay.
- 5 Q. If you were going to set the ADE rate for the year --
- 6 the calendar year 2013, --
- 7 A. (Hall) Uh-huh.
- 9 closer to the effective date of the rate --
- 10 A. (Hall) Oh.
- 11 Q. -- and submitting the filing with the Commission?
- 12 A. (Hall) Yes.
- 13 Q. And, if I understand correctly, the current -- the
- current calculations that you included in this filing
- were based on the then applicable customer migration
- 16 rate, is that correct?
- 17 A. (Hall) Yes.
- 18 Q. And, the Company has updated its report to the
- 19 Commission on customer migration?
- 20 A. (Hall) We made a filing yesterday or the day before, I
- 21 think.
- 22 Q. And, would you agree with me that it's -- the customer
- 23 migration is now roughly 44 percent? 43.96, perhaps?
- 24 A. (Hall) Maybe in energy. Yes, that might be.

- Q. Okay. So, what I'd like to know is, as the migration continues to change, does that -- what impact does that have on the calculation of any portion of this rate, and -- well, specifically, does it affect the calculation of the adder?
 - A. (Hall) Yes. Because the --
- 7 Q. And, could you explain how?
 - A. (Hall) Sure. The denominator of the equation used to calculate the adder is lower, and, therefore, the average cents per kilowatt-hour is higher.
- Q. So, with the higher migration level, what would you anticipate be happening to the adder?
- 13 A. (Hall) All else being equal, it would be slightly higher.
- MS. AMIDON: Okay. Thank you. Mr.
- 16 Mullen.

6

8

9

10

- 17 MR. MULLEN: Good afternoon.
- 18 WITNESS HALL: Good afternoon.
- 19 WITNESS WHITE: Good afternoon.
- 20 BY MR. MULLEN:
- Q. Just to follow up on a question that Attorney Amidon
 just asked you, regarding changes to the calculation of
 the adder. I believe you stated that, in your annual
 filing, you would recalculate the adder, is that

- 1 correct?
- 2 A. (Hall) Yes.
- Q. Would you also anticipate doing that for any July 1st change?
- A. (Hall) We didn't anticipate doing it then, and it's not in the Settlement. So, it's not something that we settled on. So, the Settlement doesn't contemplate that revised calculation.
- 9 Q. Okay. In relation to -- you also discussed quite a bit
 10 the changes to the projected marginal costs. Let's
 11 just run through a scenario to see if we can make sure
 12 that everybody is clear on how this works.
- 13 A. (Hall) Okay.
- Q. And, in doing an annual filing, and determining the projected marginal costs, you will look at forward prices for the next 12 months, is that correct?
- 17 A. (Hall) Yes.
- Q. Okay. So, that would -- say you were doing a rate for effect January 1st, 2013.
- 20 A. (Hall) Uh-huh.
- Q. The marginal costs would include a projection of every month in calendar year 2013?
- 23 A. (Hall) Yes.
- Q. On the 15th of the following month, you would submit an

- 1 updated forecast of marginal costs for the remainder of
- 2 the year, in this case, it would be the months February
- 3 through December of 2013, is that correct?
- 4 A. (Hall) Yes.
- Q. Okay. So, say the marginal costs in the annual filing
- 6 were at six cents.
- 7 A. (Hall) Uh-huh.
- 8 Q. And, then, say now we've gone -- now we're at
- 9 February 15th, and you had a projection for the months
- of March through December 2013?
- 11 A. (Hall) Okay.
- 12 Q. Now, say -- and assume you have a one cent adder, just
- for purposes of the discussion.
- 14 A. (Hall) Yes.
- 15 Q. Now, when you look at that, that forecast for March --
- got to make sure which month I'm in now, February 15th,
- 17 for the months of March to December.
- 18 A. (Hall) Right.
- 19 Q. Now, the marginal cost has increased to seven cents.
- 20 A. (Hall) For those months.
- 21 Q. Right. So, now, you will compare the seven cents to
- 22 what?
- 23 A. (Hall) We would compare that seven cents to the forward
- prices for the months of March through December of

```
1
          2013, the same time period, that were used, that were
          looked at and determined back in December, when we
2
          calculated the entire rate for 2013. So, we basically,
 3
          as you said earlier, we do a -- we have forward monthly
4
 5
         prices that we use to calculate an annual rate. Once
          we get to February, we look at the new forward monthly
 6
 7
         prices for March through December, compare it to the
          original forward monthly prices for March through
8
         December, using the calculation of the annual rate.
9
          The difference -- I'm sorry?
10
```

- 11 Q. Go ahead.
- 12 A. (Hall) The difference between those two, we then
 13 compare to the amount of the adder. And, if that
 14 difference is greater than -- if it's 75 percent or
 15 more of the amount of the adder, the rate would be
 16 closed as of March 1st.
- Q. Okay. Bringing us a little further, if, when you did your annual calculation, --
- 19 A. (Hall) Uh-huh.
- Q. -- the projected forward prices for the months of March through December --
- 22 A. (Hall) Yes.
- 23 Q. -- were six cents?
- 24 A. (Hall) Yup.

- 1 Q. Now, on February 15th, you look at them, and the
- 2 projected marginal prices for those months are now
- 3 seven cents?
- 4 A. (Hall) Yup.
- 5 Q. So, you have a change of one cent?
- 6 A. (Hall) Uh-huh.
- 7 Q. What happens?
- 8 A. (Hall) And, in your scenario, the adder was also one
- 9 cent. In that, under that scenario, the rate would
- 10 close on March 1st.
- 11 Q. Okay. And, now, we move forward another month.
- 12 A. (Hall) Okay.
- 13 Q. March 15th.
- 14 A. (Hall) Yes.
- 15 Q. Now, you look at the marginal costs for the months of
- 16 April through December, is that correct?
- 17 A. (Hall) Yes.
- 18 Q. And, you compare those back to the same months that
- were in the annual filing?
- 20 A. (Hall) Yes.
- 21 Q. Okay. Now, if that -- now, if, for those months, the
- 22 projected marginal cost is six and a half cents, --
- 23 A. (Hall) Uh-huh.
- Q. -- what happens?

- 1 A. (Hall) The rate would reopen on April 1st.
- 2 Q. And, why is that?
- 3 A. (Hall) Because the difference between the forecasted,
- between forward market prices currently, versus the
- 5 original forward market prices used to establish the
- rate, would be less than 75 percent of the one cent
- adder. And, therefore, the rate would reopen. And,
- 8 there's language in the proposed tariff pages that were
- 9 in Attachment 1, I believe, to the Settlement Agreement
- that provide for that potential reopening.
- 11 Q. Would Rate ADE itself change at that time?
- 12 A. (Hall) No.
- 13 Q. If a customer was currently receiving Rate ADE at the
- 14 time it closed, what happens to them?
- 15 A. (Hall) Rate ADE would have closed on February 1st or
- March 1st, I can't remember where we were. Let's say
- 17 Rate ADE closed on March 1st.
- 18 Q. Okay.
- 19 A. (Hall) Customer was on Rate ADE at that time?
- 20 Q. Yes.
- 21 A. (Hall) They continue to receive it. Rate ADE reopens
- on April 1st. That customer who's on Rate ADE, if he
- 23 stays on Rate ADE in April, would continue to receive
- 24 Rate ADE.

- Q. Okay. And, that's different than some of the
 discussion about a customer that would have qualified

 -- otherwise qualified for Rate ADE at the time it was
 closed, they would have been a new customer, they would
 have gone instead to DE until the rate reopens?
 - A. (Hall) Yes. The distinction is, that a customer who is taking service under Rate ADE on the date that it closes is an existing customer.
 - Q. Okay. Now, this whole -- this whole mechanism to close the rate and look at the -- a new forecast of the marginal costs, --
- 12 A. (Hall) Uh-huh.

7

8

9

10

11

18

19

20

21

22

23

24

- Q. -- was that done in response to the Commission's prior order in this proceeding?
- 15 A. (Hall) Yes.
- Q. And, that was to address which particular problem that the Commission had?
 - A. (Hall) That was to address the concern the Commission had over marginal costs shifting and to limit risk associated with such a shift. If you recall, in the original proposal, there was no provision for closing the rate. Rather, what PSNH had proposed, back in 2011, was it would be subject to another look after six months, subject to change -- the rate would be subject

- to change. Now, not only is the rate subject to change
 after six months, but to further limit risk to all
 other customers, we will close the rate to new
 customers, to the extent the marginal costs jump even
 prior to recalculating the rate.
 - Q. With respect to the difference of opinion we have on the length of the term of service, --
- 8 A. (Hall) Uh-huh.

7

9

10

11

22

23

24

- Q. -- I believe you said that "use of a 12-month term of service would dilute the value of the rate to other customers"?
- 12 A. (Hall) I believe it would.
- Q. Regardless of the length of the term of service, any value is highly dependent on how long a customer decides to remain on Rate ADE and not go back to competitive supply or self-supply, is that correct?
- 17 A. (Hall) Absolutely.
- Q. So, you could have a situation where, whether it's 12
 months or 24 months, depending on the length of time a
 customer were to stay on, you could get the same amount
 of benefit?
 - A. (Hall) You could. Obviously, if the rate is available for 12 more months, there's a potential for up to an additional 12 months of benefit. That really, I think,

1 is the difference between our two positions. 2 MR. MULLEN: Thank you. I have nothing further. 3 Thank you. CHAIRMAN IGNATIUS: 4 5 Commissioner Harrington, questions? 6 CMSR. HARRINGTON: Yes. Good afternoon. 7 WITNESS HALL: Good afternoon. BY CMSR. HARRINGTON: 8 I guess whoever is most appropriate should just go 9 10 ahead and answer these. I've got a number of 11 questions. A lot of them are just trying to get straight on how the Settlement Agreement works and some 12 of the things that may have changed over the past 13 months since this docket was initiated. 14 15 In the previous docket, DE 10-160, there 16 was a discussion by the Commission, and it was 17 something to the effect that we had customers that were 18 on the engineering service -- or, the energy service rate that had little or no option, they had but to stay 19 20 on that. Would you agree at this time or just answer the question, are there any Public Service customers 21 22 now who have no option but to take the Default Service 23 rate? (Hall) Not in my opinion. 24 Α.

- Q. Okay. So, there is no one -- there is no captured customer base, if you will, that couldn't go to an alternative supplier, if they chose to do so?
- A. (Hall) Correct.

Q. Okay. And, just sort of trying to get the whole concept of this, when we look in 374-F:3, which is the restructuring statute under policy principles in Section II. One of the principles it starts out with, and it seems to be quite clear, "Customers should expect to be responsible for the consequences of their choices." And, I would assume that would mean the choice of taking an alternative energy supplier or not to take one.

So, given that, we seem to be looking at a program here that will help those who chose to stay with Public Service's energy supplier under the default -- the DE rate. Why do we have to have or why should we have a program that would help these people out because they chose to stay with the DE rate, where the law is pretty explicit that, people making that choice should be responsible for the consequences of their choice?

A. (Hall) Because notwithstanding the fact that all customers have the ability to go to competitive supply,

1 when you get right down to it, there are certain customers that will not choose, and that, for whatever 2 reason, would always remain on standard Default Energy 3 Service rate. What Rate ADE will do is reduce costs 4 5 for those customers. And, really, the entire purpose of restructuring is to reduce costs for customers, 6 7 reduce the cost of electricity. And, that's what this will do. 8

- Q. Okay. But you do agree that those customers who, for whatever reason, would never leave, are facing higher rates because they're suffering the consequences or being responsible for the consequences of their choice not to move?
- 14 A. (Hall) No question.
- Q. Okay. There's been a lot of discussion about the "moving back and forth" portion of this.
- 17 A. (Hall) Uh-huh.

9

10

11

12

13

18

19

20

21

22

23

24

Q. And, part of that is the justification, I guess. It sort of disrupts the whole planning process. So, if you have a bunch of customers that one month decide to go to an alternate supplier, because the price is lower, and then something happens, two months later they jump back, it makes it extremely difficult for Public Service then to buy power, because they're

responsible to supply it to whoever comes back to the default rate, or the DE rate, and they may have to go out and get what would be higher priced contracts to accommodate that. So, it seems as if this process that we're talking about really doesn't solve that problem, because, and tell me if I'm wrong here, if you go into the ADA [ADE?] rates, somebody says "I'm going to go to an alternative supplier." They have been there for over a year. The ADE rates have been approved. Now, they decide "well, because of market conditions, I'm going to back."

A. (Hall) Uh-huh.

Q. And, so, they go back to Public Service. Public Service says "okay, we're going to put you on ADE rates." And, as we've heard previous testimony, that basically you're going to go out and find power to accommodate those customers. You really have no specific way of knowing. I guess you could do some estimation based on market trends and looking at forward prices, but you could do that right now just as well. So, they switch back, and they're getting the ADE rate. And, then, three months later something else happens, and they decide to move out to a competitive supplier, and they go and back and forth, back and

forth. So, how does this address that issue? It seems like, to me, the exact same thing occurs.

A. (Hall) We will not be purchasing power in advance to serve the Rate ADE load. And, Mr. White can expound more on this than I can. But, rather, since Rate ADE is truly a marginal rate, and based entirely on marginal costs, what we will do is essentially rely on spot market purchases to serve this additional load. And, when we do our analysis to determine whether Rate ADE is providing benefit, we will use spot market prices to do that analysis.

So, there won't be any forward purchases that we're making. And, as a result, if a customer comes out of Rate ADE and then leaves, all that would do is it would reduce the amount of spot market purchases that we make, and won't -- I'm sorry?

Q. I understand that. But I guess I'm trying to understand how that would be different under the present setup. Because, right now, a customer who has taken an alternative supplier says "okay, I'm coming back. Now, at that point, I would assume you don't have contracts out there that you've signed, with someone saying that "we're going to maintain an extra supply, just in case customers come back." You would

1 more than likely say, "okay, now I've got a new load I have to serve. We'll go to the same spot market and 2 serve that load." So, I'm just not sure. It seems to 3 me as if the exact same problem, potential idea that 4 5 you're going to buy in the spot market, which could drive up the price, as compared to maybe longer term 6 contract or whatever. So that whatever happens would 7 happen under both circumstances, isn't that correct? 8 see nodding, but you have to say something, so 9 people --10 11 (White) Yeah. If I'm with you, I'm not sure, but I Α. think you're right. And, as we've stated, the 12 13 portfolio of our resources and the load, DE load and ADE load combined, will be managed as one portfolio. 14 15 So, to the extent today, when DE load goes up or down, 16 we make decisions about whether forward purchases are 17 appropriate or not. And, it would be the same with ADE 18 load, as it came and went, we would continually monitor the position of that portfolio as a whole, and make 19 decisions about the proper management going forward. 20

So, I think, if your point is that we would approach portfolio management in the same manner,

And, if that involved forward purchases, then we would

{DE 11-216} [Day 1] {10-18-12}

make those purchases.

21

22

23

24

there's another group of another portion of load,
customers making individual decisions that would affect
the position of that portfolio through time.

Q. Okay. Well, maybe I can put it another way then. I'm trying to just discern what the differences on these are. And, I guess, let me see if this plays out, if you think this is correct. Under the present scenario, where there's only one Default Service Rate, DE, there's -- you get migration back and forth. They come in, they go away, they could come back, depending on market prices.

At that point, when you go out and you buy, let's say we've got an influx of people returning to the Default Service rate. So, you go to the market and you buy spot market prices as Mr. Hall stated.

Now, that price is higher, for whatever reason, that's probably what's driving the people back to the DE load, because the market prices are going up. Would that additional cost associated with servicing the new customer, who has returned to the DE load, be borne by all DE customers? There wouldn't be -- there's no special rate for someone who just came back. If they can come back and bring additional costs with them, that costs would be spread out to all customers in that

1 class, is that correct?

- A. (Hall) Yes. But, under the circumstances that exist today, there's two things to keep in mind. First, we're not seeing customers migrating back to standard Rate DE, because it's above market. Secondly, to the extent that that did happen, PSNH's costs would be impacted by market price, which is at a certain level. We get revenue from Rate DE above market. And, therefore, customers returning to standard Rate DE today would result in lower overall costs to all other Rate DE customers. The whole purpose of Rate ADE, however, is that we're not seeing that migration back in today -- under today's circumstances.
- Q. Okay. So, I guess we get back to then to somewhat of a debate, I guess, to some extent. The purpose of the ADE rate is -- one purpose could be stated that it could help bring additional customers back to Public Service?
- A. (Hall) At a price in excess of marginal cost.
- Q. At a price in excess of marginal cost, okay. And, so, again, to try to reverse the trend that we're seeing where migration is in one direction, and that's out?
- 23 A. (Hall) That's part of it.
- 24 Q. Okay. Let me just move around to a different subject

here, so I can see if I can get a few more facts here.

Let's go back to the figure that was given where, if

you had to set the ADE rate today, it would be about

seven cents a kilowatt-hour. So, let's just -- we'll

just do that. The breakdown of that is how much of

that is the marginal and how much of that is the

Scrubber?

A. (Hall) Not quite six cents, I believe, somewhere just under six cents would be the marginal cost, and something slightly more than a penny would be the adder.

- Q. Okay. And, I think it's sort of straightforward what the variables would be to the marginal cost, because, obviously, you're talking about buying power out in the market, and that could change. On the variables to the adder, is there any variables there other than property tax? I'm trying to think what else would vary there. Is that fairly fixed, when you take out the other things?
- A. (Hall) Yes. Property taxes don't change too frequently. Then, there's depreciation and return.
- Q. Okay. And, you're saying the depreciation and rate of return would change as time went along, because there would be less depreciation to do it, okay. And, the

1 last proposal, there was a proposal to put an adder on of about one cents a kilowatt-hour, and you said there 2 was no factual basis for your coming up with that 3 number, I think it was stated earlier. So, now, you're 4 5 talking about using the non-operating Scrubber costs. 6 What's the factual basis for using the non-operating Scrubber costs? 7 (Hall) Well, we know what the costs are. And, they're 8 Α. costs that are currently being recovered through our 9 10 Default Energy Service rate, or at least partially 11 recovered. 12 Then, maybe I should make my question a little bit Q. broader. Why pick non-operating Scrubber costs? Why 13 not pick non-operating -- other costs associated with 14 15 Merrimack Station? The non-operating costs --16 Α. (Hall) Okay. 17 -- associated with all generating facilities or Q. 18 whatever? (Hall) That kind of goes back to the discussion we had 19 Α. the last time around, in 2011. Where I said, "it 20 really doesn't matter how you come up with the adder." 21 It doesn't matter whether you base it on certain costs 22

{DE 11-216} [Day 1] {10-18-12}

or whether you simply say, "oh, it's going to be a

penny a kilowatt-hour." It's the fact that there is an

23

24

1 adder in excess of marginal cost of serving the load 2 that's important. And, at that time, in the last order, the Commission determined that it needed some 3 sort of analytical or factual basis, rather than coming 4 5 up with a number, as we had proposed, one cent, that the Commission viewed as somewhat arbitrary. 6 going back to what I said back then, it's the existence 7 of an adder that's important, an adder above marginal 8 costs, rather than the mechanics of how you calculate 9 10 it.

- Q. So, it could have been -- it could have been calculated as a certain part of some other fixed cost?
- 13 A. (Hall) Sure.

11

12

16

17

18

19

20

21

22

23

24

- Q. Such as, you know, Schiller Station or whatever, it's just you happened to choose this particular one?
 - A. (Witness Hall nodding in the affirmative).
 - Q. Okay. There was some previous discussion on both of these, the DE and the ADE, as being actual, prudent, and reasonable costs. And, I think you stated that both of them were. And, you know, I kind of revert back to math on these things. And, you know, if we're saying that the DE equals the actual, prudent, and reasonable cost, and the ADE equals the actual, prudent, and reasonable cost, but then we say that the

- DE and the ADE don't equal each other. We sort of get,
 you know, DE equals X and ADE equals X, but DE doesn't
 equal ADE.
- 4 A. (Hall) Uh-huh.
- Q. That doesn't -- how do you account for that? It
 doesn't make it with me. You're saying two things are
 the same, but they're not equal.
- (Hall) The language in the law is "actual, prudent, and 8 Α. reasonable cost". What the law doesn't say is, "here's 9 10 how that cost should be determined." On the one hand, 11 Rate DE is based on average embedded cost, while Rate ADE is based on marginal costs. Two very different 12 concepts results in two different answers, yet both of 13 them can meet the definition of -- excuse me --14 15 "actual, prudent, and reasonable costs", because the 16 law doesn't say "embedded costs", nor does it say 17 "marginal cost".
 - Q. But you're saying, for the exact same service, both people are buying the same product, electricity, from Public Service.
- 21 A. (Hall) Uh-huh.

19

20

Q. That one group of people -- or, they're both being -both groups are being charged actual, prudent, and
reasonable costs, yet there's two different prices

1 associated with that?

- A. (Hall) Yes. And, that goes back to pricing principles, where customers who have migrated have demonstrated a high demand elasticity. In other words, they respond more quickly to changes in price. Marginal cost pricing principles state that, for those customers who have highly elastic demand, their price ought to be priced based on marginal cost, and that's exactly what Rate ADE is doing.
- Q. And -- okay. I don't want to get into an extended discussion of this, but I'm just saying, what you're saying then is, somewhere in the concept of actual, prudent, and reasonable costs, there's embedded in there this idea that highly elastic customers can be charged a different rate than non-elastic customers?
- A. (Hall) Might point is that there really isn't anything in those words that says "how's that cost determined".
- 18 Q. Okay.
- A. (White) And, just to add, at the end of the year,
 there's a reconciliation to actual, prudent, and
 reasonable costs, to be trued up against revenues
 received during that year.
- 23 A. (Hall) Uh-huh.
- 24 A. (White) So, the reconciliation process is part of that

- 1 whole outcome.
- Q. And, the reconciliation process, maybe I misunderstood, but I thought all reconciliation was done through the
- 4 DE rate, is that correct?
- 5 A. (Hall) Yes.
- 6 A. (White) Yes.
- Q. So, if there's reconciliation associated with, let's say, both rates at the end of the year, whatever that is, it's only going to affect the DE customer?
- 10 A. (Hall) Yes.

21

22

23

- Q. Okay. So, then, -- so, if there was a underpayment of some type associated with ADE, at the end of the year when you reconcile, you send the bill to the DE customers?
- 15 A. (Hall) That could happen. We think it's highly

 16 unlikely. We think the reverse is going to happen,

 17 which is, there's an overpayment by Rate ADE. They're

 18 paying in excess of marginal cost, and that value is

 19 going to be sent to Rate DE customers.
 - Q. Okay. I'll have to think about that one for a little bit. And, please appreciate that some of these questions will jump around a little bit because they were written at a different time.
- 24 A. (Hall) Not a problem.

- Q. There was a lot of discussion, again, on getting back to, because I think this has probably been resolved, about "otherwise without a supplier", and what we -- basically, previous statements, there was a lot of discussion on what "otherwise without a supplier" actually implied.
- A. (Hall) Uh-huh.

- Q. And, from what I'm hearing, from what you're saying, at least your opinion is "there's no such thing as that because all Public Service customers have an option to either go to some type of default service or some other competitive supplier?
- A. (Hall) In a sense, yes. What I'm saying is that PSNH has to offer default energy service for customers who are otherwise without a supplier. My interpretation of "otherwise without a supplier" means a supplier has dropped the customer, either on its own volition, or the customer has requested that the supplier drop them. Once that happens, if the customer doesn't select a supplier, Default Energy Service must be available to them.
- Q. Right. Okay. I think we're clear on that in the agreement. Thank you. A couple more questions. In 125-O, the Multi-Pollutant Reduction Program, 125-O:18,

under "Cost Recovery", it talks about, and this is the
cost recovery of the Scrubber, it says, "During
ownership and operation by the regulated utility,"
which, in this case, is Public Service, "such costs
shall be recovered via the utility's default service
charge." How is having this, your proposal, going to
comply with that part of the law?

A. (Hall) Well, the cost of the Scrubber is recovered

- A. (Hall) Well, the cost of the Scrubber is recovered through standard Rate DE. That's how we do the calculation. By including the non-operating costs of the Scrubber in Rate DE, we believe that we're complying with the requirements of --
- Q. Maybe did you mean "ADE"?

- A. (Hall) "ADE", I'm sorry. We're complying with the requirements of 125-0:18, because those costs are identifiable, and they're being included in the calculation of the rate. That's what the adder is.
- Q. So, the Company's position would be that, where this says it's "via the utility's default service charge", that that could be either DE or ADE or ABCDE, if you decide to come up with a third group, as long as they're all default service charges?
- A. (Hall) Yes.
- Q. Okay. You had stated earlier that there was a case

where the ADE could result in an increased cost to DE.

Now, I thought I followed this that, if you go in and
you have a certain amount of fixed costs associated

with the Default Service rate, and right now, without
the ADE, all of that is being charged to the DE

customers. So, if you were to bring back or add new
customers under ADE, would they pay the marginal going
forward cost, plus an adder, they would be covering
some of those costs, otherwise would have to be borne
exclusively by the DE customers. So, hence, it would,
in the long term, put downward pressure on DE rates, is
that correct?

A. (Hall) Yes.

- Q. Okay. So, now I'm trying to figure out, how is it that they could put upward pressure on those rates?
 - A. (Hall) In a circumstance where market -- forward market prices, and, therefore, marginal costs, shift significantly from the forward market prices that were used to calculate the Rate ADE rate level, if it shifts -- if the shift is by more than the amount of the adder to determine Rate ADE, then you could be in a situation where marginal costs are at a certain level and Rate ADE, even with the adder, is at a level below that marginal cost.

- Q. Okay. I think I understand what you're saying then is, if rates were to go up, if future rates were to go up --
- 4 A. (Hall) Yes.
- Q. -- substantially, then someone that got in just under the wire before that rate increase to the ADE, would actually be getting a discount rate --
- 8 A. (Hall) Yes.
- 9 Q. -- until the ADE was adjusted upward in the next --
- 10 A. (Hall) Right.

21

22

23

24

- 11 Q. -- whatever is next year?
- 12 (Hall) Now, we've put in safeguards to somewhat mitigate the impact of that, in that, if that situation 13 occurs, Rate ADE gets closed. But, nonetheless, any 14 15 customer that is on Rate ADE at the time of closure 16 would be allowed to remain on it. But Rate ADE would 17 then be reset after six months. So, we think that 18 exposure is relatively small. But, conceivably, I 19 suppose it could happen.
 - Q. Okay. And, getting back to what's called "Exhibit 9", which is the Settlement Agreement, I just had a couple of questions there. In the beginning of this, on Page 1, it's just a statement that "PSNH proposed to address certain issues relating to customer migration by

- removing a portion of the fixed costs from its default
 energy service (Rate DE) and recovering those costs
 through a non-bypassable charge." Now, that is no
 longer in your proposal, is that correct?
 - A. (Hall) Correct.

Q. Okay. So, that non-bypassable charge has gone away, okay. I have to admit, I must have read this about 30 times last night, and then before, trying to figure out exactly what all this said, this rate -- term of service thing, that really screwed me up. I wasn't quite sure what all that meant. But, I think, after your explanation to my question this morning, that helped quite a bit on that.

So, basically, the Settlement Agreement is stating that, whatever this term of service is, it's going to be set by the Commission, and that will be that length of time that we were discussing earlier this morning?

- A. (Hall) Yes.
- 20 Q. Okay.
- A. (Hall) The length of time under which customers can take service under Rate ADE, excuse me.
- Q. And, on the pricing aspect of this, when they were discussing about the adder, and, again, I think you

1 made it clear that how the adder was exactly set is not as important as the fact that you needed one, to some 2 extent, to mitigate what we were just discussing in the 3 rates that were going up quite a bit. And, the 4 5 non-operating costs, was there a particular reason why operating costs -- just the total cost of the Scrubber 6 weren't used as the benchmark to measure against, some 7 percentage of that? 8

- A. (Hall) Yes. That gets into a discussion that we had earlier this morning. When you start talking about "operating costs", you're talking about things like labor, insurance, things that are general to the plant, A&G expense. And, the issue there is, all right, how much of that do we now allocate to just the Scrubber? It's not clear what the Scrubber's share, if you want to call it that, of that cost is, because we don't treat the Scrubber as a separate plant.
- 18 Q. It's just part of the plant?
- 19 A. (Hall) Correct.
- 20 Q. Okay.

9

10

11

12

13

14

15

16

17

- 21 A. (Hall) It's the same plant.
- Q. So, I just -- for the purposes of making a more
 definitive calculation, it was chosen to do something
 different and variable?

1 A. (Hall) Yes.

- Q. Is that -- okay. And, just I'm trying to, again, just kind of get back to the restructuring statute here, 374-F:3. And, it talks about that "Default service should be [used] to provide a safety net and to assure universal access and system integrity." I think you just discussed that about someone who might not have had anyplace else to go for whatever reason.
- 9 A. (Hall) Uh-huh.
- Q. Then, "If the commission determines it to be in the public interest, the commission may implement measures to discourage misuse, or long-term use, of default service." Is your proposal addressing -- is it being covered under that provision of the law?
 - A. (Hall) Yes, we believe it is. Because the term under
 Rate ADE, the term of service is limited. Whether the
 Commission selects 12 or 24 months, customers aren't
 going to be able to continue to take service under Rate
 ADE indefinitely.
 - Q. But you -- is there any misuse that this proposal is attempting to discourage?
- A. (Hall) Rate ADE isn't intended to discourage any
 misuse. Rather, Rate ADE is intended to address the
 effects of migration on all customers served under Rate

DE.

- Q. Okay. And, the other portion that it talks about,

 "Notwithstanding any provisions of the subparagraph

 [above], as competitive markets develop", and I think

 we can admit that competitive markets are starting to

 develop, "the commission may approve alternative means

 of providing...default service which are designed to

 minimize customer risk, not unduly harm the development

 of the competitive markets, and mitigate against price

 volatility without creating new deferred costs, if the

 commission determines [it's] in the public interest."
- 12 A. (Hall) Uh-huh.
- Q. Would you comment on how your proposal complies with that part of the law?
 - A. (Hall) Sure. We've already talked about the risk mitigation to all other customers. We don't believe that Rate ADE will result in competitive harm. In fact, Rate ADE, we believe, will enhance the competitive market. And, it will do that by, in effect, creating a new benchmark that competitive suppliers will have to beat. And, this is sort of a follow-p on a discussion we had earlier, which was "well, if no customers take service under Rate ADE, is there any benefit to Rate DE customers?" And, the

2

3

5

11

17

18

19

20

21

22

23

24

If no answer to that question was, "Well, no. customers take service under it, there's no benefit to DE customers." However, there may well be benefit to customers who are currently served under the 4 competitive market. Because, if Rate ADE is priced at, for example, seven cents, now that conceivably could 6 7 establish a new benchmark that competitive suppliers are going to have to say, "Oh, okay. Instead of 8 looking at a rate of 8.97 that PSNH is proposing and 9 pricing slightly below that, I've now got to price 10 below seven cents." So, it could actually reduce cost to customers who are currently taking supplier service. 12 13 CMSR. HARRINGTON: Okay. Thank you. That's all the questions I have. 14 15 CHAIRMAN IGNATIUS: Thank you. 16 BY CHAIRMAN IGNATIUS:

Q. Mr. Hall, the discussion of the adder, and looking back at the first phase of this docket, is interesting, because the Company was very forthright in the first phase to say "it was a number selected that might work." There was no math, there was no theoretical basis. Really, it just seemed like it was high enough to bring some benefit, but not so high that it would drive customers away. Is that right?

1	Α.	(Hall) Yes. If you recall, I believe, when we
2		originally proposed it, we did base it on the
3		non-operating cost of the Scrubber, and we came up with
4		something that was it was right around a penny.
5		Then, when the Commission issued an order, that
6		basically said "we're not going to be rendering a
7		decision on rate level including the cost of the
8		Scrubber as of January 1st. Rather, that's going to be
9		put off, and we're not going to allow any cost of the
LO		cost recovery of the Scrubber through either Rate DE
L1		or Rate ADE until we render this decision on a
L2		temporary rate level."
L3		At that point, that's when PSNH said
L4		"Well, okay. We can't base it on the cost of the
L5		Scrubber, so let's remove that. But let's make it a
L6		one penny adder." And, our position then was "it seems
L7		
		about right." We think that is enough to provide
L8		about right." We think that is enough to provide benefit to other customers, to reduce risk associated
L8 L9		
L9		benefit to other customers, to reduce risk associated
		benefit to other customers, to reduce risk associated with marginal costs jumping, and to be attractive to
L9 20		benefit to other customers, to reduce risk associated with marginal costs jumping, and to be attractive to customers who have migrated.
L9 20 21		benefit to other customers, to reduce risk associated with marginal costs jumping, and to be attractive to customers who have migrated. Since that time, since the Commission's

the cost of the Scrubber through our standard Rate DE, we've gone back to the notion of basing the adder to Rate DE [ADE?] on the non-operating costs of the Scrubber, which happens to be right around a penny a kilowatt-hour. So, we kind of think it works.

- Q. It feels, though, as if you went looking for something that totaled up to about a cent, because that was the number that you thought would be a palatable level.

 And, there you were, the non-operating costs of the Scrubber fit that test?
- A. (Hall) When we first came up with the notion of Rate DE

 -- Rate ADE, we knew we had to deal with the cost of
 the Scrubber. And, so, we came up with this notion of
 "Okay, what are the costs that are easily identifiable,
 and now what does the rate look like?" And, lo and
 behold, when we did our calculations, came out to be
 about a penny. When we saw it was about a penny, we
 concluded "yes, that seems about right." It seemed to
 be in the right ballpark.

So, it wasn't -- we didn't go about this saying "Gee, we need to figure out how to come up with a penny. So, now, let's come up with costs that add up to a penny." Rather, it was the other way around. It was, "Let's look at the non-operating costs of the

- Scrubber. They come up to about a cent per kilowatt-hour. That seems to work."
- Q. Where are the operating costs of the Scrubber being recovered?
- 5 A. (Hall) Through Rate DE.
- Q. And, when we say "operating costs", can you define that?
- 8 A. (Hall) Sure. They include --
- 9 Q. And, I'll be more specific. In a plant that sometimes
 10 is dispatched to run and sometimes is not dispatched to
 11 run?
- 12 (Hall) Yes. It includes all costs associated with the plant: Labor, O&M, maintenance, fuel, total property 13 14 taxes, environmental costs, everything. It also 15 includes admin. -- administrative and general expense 16 associated with management personnel, whose costs are 17 allocated to various functions and various plants. So, 18 it's really the total cost of running the plant.
- 19 Q. So, what falls into the "non-operating costs" bucket?
- A. (Hall) Depreciation is one, O&M is one -- I'm sorry,
 depreciation, return, incremental property taxes.

 Those are the three largest amounts that are
- 23 non-operating costs.
- Q. I have a few questions about the reconciliation

1		process. And, I don't know, Mr. White or Mr. Hall,
2		whoever prefers to answer them. I think, Mr. White,
3		you had said that, when you get to the reconciliation
4		process in Rate DE, you take all of the ADE actuals and
5		feed that into one reconciliation process. But can you
6		just explain a little more how that would really work?
7		I mean, do you track ADE actuals against projected or
8		is it truly all in one pool of money?
9	A.	(Hall) It's the latter. The Rate DE reconciliation
10		process looks at total cost of generation and purchased
11		power, 100 percent of it. So, we have all of these
12		costs associated with meeting energy service load. We
13		compare that and that bucket of costs will include
14		costs associated with serving Rate ADE load, by
15		automatically, by definition, because all we're going
16		to look at is total cost of serving load, both
17		generation and purchased power. And, a piece of the
18		purchased power cost is going to automatically flow
19		into those costs. We're then going to look at the
20		total revenue we receive under Rate DE, plus the
21		revenue we receive under Rate ADE. The sum of those
22		two is the revenue number that we look at. And, we
23		compare that total revenue number to the total cost
24		number, and the difference is the Rate DE

1 reconciliation.

As long as the Rate ADE revenue exceeds the costs that automatically go into the "cost" bucket, customers under Rate DE will benefit, because, all else being equal, it would create an over recovery.

- Q. Are you ever looking at how your actual cost of serving

 Rate ADE customers compares to your projected cost of

 serving them?
- 9 A. (White) Yes. We'll be doing that in a monthly report
 10 throughout the course of the year. We'll do exactly
 11 that. We'll track, through ISO reporting, of costs and
 12 using actual cleared energy prices, we'll track the
 13 cost of serving ADE load, and compare that to revenues
 14 received for ADE load, and provide a monthly status
 15 report on how that --
 - A. (Hall) Right.
 - A. (White) -- how that looks. And, it's our belief that it will create an overrecovery. That's by design, and we expect that to occur.
 - Q. And, if the projections, your forecasts turn out to be right on target, you would be collecting the adder, the adder really would be for the benefit of Rate DE customers?
 - A. (Hall) Yes.

- Q. Have you ever thought of a rate where you actually put
 that adder amount into Rate DE automatically, the
 revenue received from the adder, rather than pooling
 all of the dollars and seeing how -- whether they come
 up high or low?
 - A. (Hall) I'm not quite following you. I think that the way we reconcile it, it will do just that. It will take that, if our forecasts are perfect, the benefit will be the amount of the adder, that adder amount will automatically flow directly into Rate DE.
 - Q. But, if your forecasts turn out not to be, and they're
 -- either way, the amount of the adder that ends up to
 the benefit of DE customers will be higher or lower?
 - A. (Hall) Yes. Yes. There will either be benefit in excess of the adder, if marginal costs turn out -- if the cost of serving load turns out to be lower, or it will be less than the adder. Hopefully, it's greater than or equal to the adder.
- Q. And, either way, the Rate ADE customers see no reconciliation, no change --
- 21 A. (Hall) Correct.

7

8

9

10

11

12

13

14

15

16

17

18

- 22 Q. -- at the end of the term?
- 23 A. (Hall) Correct.
- Q. I don't even mean "term", that's the wrong word. At

- the end of the reconciliation period, --
- 2 A. (Hall) That's correct.
- Q. -- whether it turned out to be high or low, there's no readjusting their rate on that account?
- A. (Hall) Correct. But the rate is, remember, subject to closure, if marginal costs jump, number one. Number two, the rate is subject to midterm adjustment.
- 8 Q. On a going forward basis?
- 9 A. (Hall) Yes.
- 10 Q. Not on an actual basis?
- 11 A. (Hall) Correct.
- Q. Shifting gears a little bit. The billing system

 changes that will be required for all of the customers,

 and I take it more substantially for the smaller

 customers, all of the costs that will be incurred by

 the Company to do that are -- there will be no request

 for recovery of any of those costs?
- 18 A. (Hall) Correct.
- Q. And, there's no inclusion of those costs in Rate ADE or DE or anything else?
- 21 A. (Hall) Correct.
- 22 CHAIRMAN IGNATIUS: I think those are my
 23 questions. Thank you very much. Is there redirect from
 24 the Company?

1 MR. FOSSUM: Just a few, yes.

REDIRECT EXAMINATION

3 BY MR. FOSSUM:

2

- Q. Mr. Hall, you were asked or you responded to questions earlier about, from Attorney Miranda, about what it is that a customer would need to know about ADE. Do you recall that line of questioning?
- 8 A. (Hall) Yes.
- 9 Q. And, specifically, questions like having to do with
 10 whether to return to ADE, knowing whether ADE is open
 11 to them, and what the price of ADE is. Do you recall
 12 those questions?
- 13 A. (Hall) Yes.
- Q. Now, in your experience, have you seen or do you know of offers from competitive suppliers that have been made to potential purchasers in the marketplace?
- 17 A. (Hall) Generally, yes.
- Q. And, you know, without referencing any particular supplier, --
- 20 A. (Hall) Uh-huh.
- Q. -- have you seen some offers that have promotional or introductory rates?
- 23 A. (Hall) Yes.
- 24 Q. Have you seen some that include fees for exiting or

[WITNESS PANEL: Hall~White]

Т.	ending service before a particular period erapses?
2	A. (Hall) Yes.
3	CHAIRMAN IGNATIUS: Mr. Fossum, before
4	you go on any further, I'm a little troubled by the
5	questioning. Why is that not something that was brought
6	out in direct?
7	MR. FOSSUM: I guess I didn't think it
8	relevant at the time.
9	CHAIRMAN IGNATIUS: And, so, why
LO	relevant now?
L1	MR. FOSSUM: I was going to ask just one
L2	more question that may bring that around, if I might?
L3	CHAIRMAN IGNATIUS: You still haven't
L4	told me anything about why it's relevant?
L5	MR. FOSSUM: Why it's relevant is that
L6	we believe that there will be contentions that Rate ADE is
L7	somehow confusing, is somehow introduction introducing
L8	some new level of confusion to the marketplace. The
L9	questioning was in an attempt to indicate that customers
20	are already faced with a number of choices that require
21	them to do a number of analyses and calculations about
22	their energy needs. And, that Rate ADE is simply one more
23	offering that has certain terms associated with it, and
24	is, in that way, not in any meaningful way particularly

```
1
       different than what is in the competitive marketplace.
                         CHAIRMAN IGNATIUS: Well, if it's in
 2
 3
       response to the earlier questioning from Mr. Rodier and
      Ms. Miranda about customer communications and possible
 4
 5
       confusion, I'll allow it.
     BY MR. FOSSUM:
 6
          And, that was simply, my last question was going to be,
 7
          Mr. Hall, in your opinion, is Rate ADE any more
 8
          complicated or confusing than any of those offers that
 9
10
          you are aware of?
11
          (Hall) Not in my opinion.
     Α.
12
                         MR. FOSSUM:
                                      Thank you.
                                      Madam Chairman, could I
13
                         MR. RODIER:
14
       have leave to ask a couple questions following up on
15
       Commissioner Harrington. No?
16
                         CHAIRMAN IGNATIUS: Not necessarily.
17
                         MR. RODIER: Okay.
18
                         CHAIRMAN IGNATIUS: What's the area and
       why is it appropriate?
19
                         MR. RODIER: Well, --
20
21
                         CHAIRMAN IGNATIUS: We don't do a full
       going around the room.
22
23
                         MR. RODIER: I understand.
                                                     That's why
24
       I'm asking for leave. I will certainly respect and
```

```
1
       understand your position. But I think we touched on
       what's really going on here, the exchange about "reversing
 2
       the trend", the witness agreed. I think that is a correct
 3
       characterization of what is at stake here. The Commission
 4
 5
       taking actions to "reverse the trend".
                         CHAIRMAN IGNATIUS: So, what would your
 6
 7
       question -- what would your question be? I don't want a
       closing argument here, I want what's the question to the
 8
       witness?
 9
10
                         MR. RODIER: Just want to hammer home
11
       that point that that's what they were talking about.
                         CHAIRMAN IGNATIUS: Well, he was asked
12
13
       the question --
14
                         MR. RODIER: Okay.
15
                         CHAIRMAN IGNATIUS: -- and gave you an
16
       answer.
               You may not get the same answer the second time.
17
                         MR. RODIER: That's true. I should quit
18
       while I'm ahead. Let me ask -- the other one I wanted to
       follow up on, Commissioner Harrington really made a unique
19
20
       point about "consequences of not making a choice".
       Somehow, okay, you got this informed electorate out
21
22
       there --
23
                         (Court reporter interruption.)
                                      I'm sorry.
24
                         MR. RODIER:
                                                  The
```

[WITNESS PANEL: Hall~White]

1	"consequences of not making a choice", so that it implies
2	there's this informed, savvy group of people out there
3	that are making a informed decision.
4	CHAIRMAN IGNATIUS: And, help me
5	understand what would your question be, not your
6	MR. RODIER: Well, my question would be,
7	the vast majority of the residential customers have no
8	idea of what's going on. They don't know that they have a
9	choice.
10	CHAIRMAN IGNATIUS: I'm going to not
11	allow it. You could have asked that in the beginning.
12	MR. RODIER: That's true.
13	CHAIRMAN IGNATIUS: There's nothing in
14	the questioning that came forward to keep you not thinking
15	of that question.
16	MR. RODIER: Okay.
17	CHAIRMAN IGNATIUS: So, moving forward?
18	MR. RODIER: So, I'm done.
19	CHAIRMAN IGNATIUS: Thank you. Unless
20	there's anything further of these witnesses, you're
21	excused. Thank you. Why don't we take a break until
22	3:00. Thank you.
23	(Recess taken at 2:48 p.m. and hearing
24	resumed at 3:07 p.m.)

1 CHAIRMAN IGNATIUS: Okay. So, we are

2 back. And, OCA, I assume you're calling your witness, Mr.

Estomin? 3

6

16

MS. CHAMBERLIN: Yes. Let me see if 4

5 he's still here. Steve, are you connected?

MR. ESTOMIN: I'm still here.

7 MS. CHAMBERLIN: Good. We are going to call you as a witness. If the court reporter has any 8

trouble hearing you, he's going to let me know, and I'll 9

10 let you know.

11 MR. ESTOMIN: Very good.

12 CHAIRMAN IGNATIUS: He can first swear

the witness in. 13

14 (Whereupon Steven L. Estomin was duly

15 sworn by the Court Reporter.)

STEVEN L. ESTOMIN, SWORN

17 DIRECT EXAMINATION

- 18 BY MS. CHAMBERLIN:
- Please state your name and position for the record. 19 Q.
- My name is Steven Estomin. I'm a Senior Economist and 20
- 21 principal at Exeter Associates, Incorporated, a
- 22 consulting firm located in Columbia, Maryland.
- 23 Q. Could you summarize your qualifications.
- 24 I have been involved in analysis of regulated industry Α.

[WITNESS: Estomin]

for approximately 31 years. During that time, also 1 heavily concentrating in the field of energy and 2 electricity, in particular. 3 In terms of educational background, I 4 5 have a Bachelor's degree and a Master's degree and a 6 Ph.D in Economics, all from the University of Maryland. I've testified previously in approximately 40 7 occasions, most of which were before regulatory 8 commissions, but I've also testified before U.S. 9 10 District Court and before the General Assembly of 11 Maryland. 12 And, on August 24th, did you prefile testimony in this Q. case? 13 14 I did. 15 And, do you have any changes to that testimony at this Q. 16 time? 17 Α. I do not. Is it true and accurate as filed? 18 19 Α. Yes. I'm going to give 20 MS. CHAMBERLIN: 21 copies to the court reporter. Could you mark this for 22 identification? CHAIRMAN IGNATIUS: That would be 23

{DE 11-216} [Day 1] {10-18-12}

"Exhibit 13" for identification.

24

1	(The document, as described, was
2	herewith marked as Exhibit 13 for
3	identification.)
4	BY MS. CHAMBERLIN:
5	Q. Mr. Estomin, could you give a summary of your position
6	on the Settlement Agreement that is being proposed in
7	this docket today?
8	A. Yes. I looked at the
9	CHAIRMAN IGNATIUS: And, sir, before you
10	begin before you begin, let me just tell you, we've
11	read your testimony and the Settlement, you don't need to
12	do an extensive summary.
13	WITNESS ESTOMIN: All right. Then, let
14	me keep it brief.
15	BY THE WITNESS:
15 16	BY THE WITNESS: A. I support the elements of the summary of the
16	A. I support the elements of the summary of the
16 17	A. I support the elements of the summary of the Settlement.
16 17 18	A. I support the elements of the summary of the Settlement. BY MS. CHAMBERLIN:
16 17 18	A. I support the elements of the summary of the Settlement.BY MS. CHAMBERLIN:Q. With this Settlement, will there be benefits to
16 17 18 19	A. I support the elements of the summary of the Settlement.BY MS. CHAMBERLIN:Q. With this Settlement, will there be benefits to residential ratepayers that would not take place absent
16 17 18 19 20	A. I support the elements of the summary of the Settlement.BY MS. CHAMBERLIN:Q. With this Settlement, will there be benefits to residential ratepayers that would not take place absent the Settlement?

```
the vast bulk of residential customers, would, I
 1
          believe, receive a benefit in the form of reduced
 2
          responsibility for coverage of some of PSNH's fixed
 3
          system costs.
 4
 5
     Q.
          For the term of service, we did not reach agreement.
 6
          Can you summarize why you believe the 24 months is the
          better term of service?
 7
          I believe it's the better term of service for two
 8
          reasons. One reason is that it provides a longer
 9
10
          period of time over which customers could receive the
11
          benefits associated with the rate, that is
          contributions to fixed costs that would otherwise be
12
13
          covered by the DE customers. And, the second, which is
          not unrelated, is that I believe a 24-month term of
14
15
          service would be more attractive to customers
16
          contemplating movement to Rate ADE.
17
                         MS. CHAMBERLIN: Thank you. That's all
       I have on direct.
18
19
                         CHAIRMAN IGNATIUS: All right.
       Cross-examination, Mr. Fossum?
20
21
                         MR. FOSSUM: Apologize, I have nothing
22
       for Mr. Estomin.
23
                         CHAIRMAN IGNATIUS: All right.
                                                          Mr.
24
       Rodier?
```

[WITNESS: Estomin]

1 MR. RODIER: Thank you.

2 CROSS-EXAMINATION

- 3 BY MR. RODIER:
- 4 Q. Mr. Estomin, you've been listening in most of the day,
- 5 I take it?
- 6 A. Yes.
- 7 Q. Okay. I guess the first thing I want to do is very
- 8 quickly follow up on your qualifications. I counted
- about 60 reports that you've done. Is that roughly
- 10 correct?
- 11 A. Yes. There's a few more that would show up with an
- 12 updating, but that's approximately right.
- 13 Q. And, then, you list 40 to 45 pieces of testimony that
- 14 you've done over the years before regulatory agencies?
- 15 A. Yes.
- 16 Q. Okay. So, you, obviously, have a lot of experience and
- 17 you have a very broad view of the issues that are at
- stake in these proceedings, is that correct?
- 19 A. I believe so, yes.
- 20 Q. Yes. And, some of these issues really aren't new, are
- 21 they? I mean, they seem to reoccur every ten or
- fifteen years, and then go away for ten or fifteen
- years, and then come back. Would you agree with that?
- 24 A. I'd like a little more specificity on what issues

- 1 you're referring to.
- Q. Oh. Okay. Well, the one that most intrigued me was the colloquy on elasticity of demand. Did you hear that?
- 5 A. Yes.
- Q. Have you heard talk about that recently? I mean,
 that's fifteen, twenty years ago, isn't it? Wasn't
 that correct?
- 9 A. You know, at least. But that -- that discussion, I

 10 think, in the context that it was made here was related

 11 to those customers most likely to be attracted to Rate

 12 ADE.
- 13 Q. They are -- those are the elastic customers, correct?
- 14 A. Customers with more price elastic demand, yes.
- Q. Right. And, the smaller customers, they, for whatever reasons, tend to be the last ones to change, and therefore they're inelastic?
- 18 A. As a general rule, the price elasticity for smaller
 19 customers tends to be lower.
- Q. Okay. Now, have you done any work over the years on price discrimination in the electric industry?
- 22 A. Yes.
- Q. Okay. And, is there such a thing as -- have you seen places where price discrimination has been deemed

- 1 unlawful?
- 2 A. Unlawful?
- MS. CHAMBERLIN: I'm going to object.
- 4 I'm not sure what he means by "price discrimination" and
- 5 how it's relevant to this proceeding.
- 6 CHAIRMAN IGNATIUS: Well, Mr. Rodier, I
- 7 guess maybe inquire of the witness if he's unclear of what
- 8 you mean by "price discrimination".
- 9 BY MR. RODIER:
- 10 Q. Mr. Estomin, by "price discrimination", I'm talking
- about charging different prices to similar -- to
- basically similarly situated customers, except that
- they have different degrees of elasticity. Do you
- 14 follow that?
- 15 A. Yes.
- 16 Q. Okay. And, it seems that's what we're doing here, is
- 17 that correct?
- 18 A. That is what's being done here.
- 19 Q. Okay. By the way, did you hear the exchange between
- 20 Mr. Hall and Commissioner Harrington about "reversing
- the trend of migration"?
- 22 A. I did.
- 23 Q. Okay. And, I'm referring now to Page 6 of your
- 24 testimony. Do you have that in front of you, right at

1 the top?

2

24

- A. Yes, I do.
- 3 Q. I'll just quickly read it, Page 6 of Mr. Estomin's testimony: "The purpose of the rate is to lure 4 5 customers back to PSNH as a way of reducing fixed 6 kilowatt-hour costs to PSNH generation customers." 7 Now, let me stop right there. Mr. Estomin, as I understand your testimony, what you were saying is, 8 9 this really isn't a good idea. However, we're in a situation that's rather dire, and there's no good 10 remedies available at this point. And, therefore, you 11 are on board with this partial pilot program 12 settlement, because you think that this is -- and this 13 14 is probably the only thing that's left to try at this 15 point, is that correct?
- 16 A. I would not be willing to agree to that
 17 characterization.
- 18 Q. Okay. Can you recharacterize it then?
- A. I think my testimony is what it is and stands on its
 own. I've looked at this rate that was proposed by the
 Company, and assessed that it would provide what I
 believe to be economic advantages to the residential
 customers that are being served under Rate DE.
 - Q. Okay. Now, in Line 4, Page 6, let me pick up again:

```
1
          The notion of enacting programs to reduce the amount of
          load being served by the competitive market, which the
 2
          OCA supports as an interim measure to protect
 3
          residential default service customers, is antithetical
 4
 5
          to the basic premise of industry restructuring."
 6
          Right?
 7
          Right.
     Α.
          So, obviously, you don't think this is the best way to
 8
 9
          go -- to go about addressing the problems that PSNH is
10
          facing right now?
          In the short term, I believe it is.
11
     Α.
12
          Okay. But what you say is that, you continue on, and
     Q.
          you say "well, hey, there's some other options that the
13
          Commission should expeditiously move to take up."
14
15
                         CMSR. HARRINGTON:
                                            Excuse me, Mr.
16
       Rodier. What page are you quoting from in his testimony?
17
                         MR. RODIER: Page 6. I'm in the middle
18
       of Page 6.
19
                         CMSR. HARRINGTON:
                                            Thank you.
20
                         MR. RODIER: Do you have it, --
                                           Yes, I do.
                         WITNESS ESTOMIN:
21
                                      -- Commissioner?
                         MR. RODIER:
22
23
       Commissioner Harrington, do you have it, before I --
24
                                            Yes, I do.
                         CMSR. HARRINGTON:
                                                         Thank
```

[WITNESS: Estomin]

1 you.

2 MR. RODIER: I want to make sure you

3 have it before I proceed.

- 4 BY MR. RODIER:
- Q. So, you're saying, are you not, that the real solutions really are things like divestiture, and that the

7 Commission ought to move expeditiously, is that right?

8 A. Well, as indicated in my testimony, I believe that the

9 current situation that exists, with respect to the rate

setting process for Public Service of New Hampshire, is

-- is not sustainable where you have the intention of

establishing a competitive market. There are going to

be times when the embedded cost of service is going to

exceed the market rate, the rate that's available to

retail customers on the market, and there are times

when it's going to be below that. And, those

differences may persist for fairly long periods of

18 time. And, it's going to be a situation that's either

19 going to create difficulties for Public Service of New

20 Hampshire or difficulties for the competitive

21 suppliers.

- Q. Okay. And, right now, it's creating difficulties for
- 23 PSNH, right?
- 24 A. And, in particular, its customers on Rate DE.

- Q. Right. And, I noticed in your testimony that you referred to a report that PSNH -- well, you actually referred, on Page 5 of your testimony, to the "Northeast Utilities 2011 Annual Report, Page 6", didn't you?
- 6 A. That's correct.
- Q. And, did you hear the portion of the 2011 report filed with the SEC, I think it was a 10-K, I can't remember?

 Did you hear that? Where they said, "if migration continues, we may not be able to cover all of the costs of the Scrubber through the ES rate." Did you hear that?
- 13 A. Yes, I did.
- Q. So, is this implementation of Rate ADE going to help
 PSNH recover costs they wouldn't otherwise be able to
 recover?
- 17 A. No.
- 18 Q. Okay. Would you --
- A. They would be recovering those rates from, you know,

 Rate DE customers. And, the implementation of Rate ADE

 will permit those fixed costs to be spread over a

 larger number of customers.
- Q. Okay. Now, and just briefly, I said that this may -implementation of ADE may help the stockholders, as

- 1 much as ratepayers, would you agree with that?
- A. I think there is a benefit to stockholders in helping
 to mitigate the impacts that I identified on Page 5, as
 quoted from their 2010 Annual Report.
 - Q. Okay. Now, you said "the existing situation is not sustainable", I believe. And, I wanted to just refer quickly to the bottom of Page 5, where you say that's "not conducive to development of a competitive market, which is a cornerstone of industry restructuring." Is that correct?
- 11 A. Specifically where are you referring to?
- Q. The "boom/bust" cycle, where you refer to on the bottom of Page 5.
- 14 A. Right.

5

6

7

8

9

10

- Q. You're saying that's not really good to developing a competitive market?
- 17 A. That's correct.
- Q. Okay. And, when you say that programs, such as Rate

 ADE, are "antithetical to the basic premise of industry
 restructuring", what do you mean?
- A. Well, there's a tension here. In order to promote
 industry restructuring and a competitive market, you
 would want customers moving away from default service
 or standard offer service or standard supply, whatever

is the appropriate term, they're all used in various places, and to receive service from competitive suppliers, with a notion that the competitive market will be in a position to provide, over the long term, better prices, and provide perhaps some products that customers might not be receiving under regulated service. You know, Rate ADE works if a customer is coming back to service from their regulated utility. So, there's this inherent tension between these two concepts.

I do think it's important, however, to draw a distinction between a short-term situation and a longer-term situation. Rate ADE, particularly as a pilot program as proposed in the Settlement Agreement, represents a way to ameliorate a short-term problem. The issues that I discussed on Page 5 and 6 of my testimony are longer-term problems.

- Q. Okay. Do you think that Rate ADE could have a chilling effect on the willingness of competitive suppliers to do business in New Hampshire?
- A. It may.

- Q. And, were you troubled by the language of "reversing the trend"?
- 24 A. No, I wasn't particularly troubled by the language.

- But I do -- and, I do see the point that is being made.
- 2 And, that's certainly a circumstance and a result that
- one would expect with Rate ADE.
- Q. Okay. And, that would be "antithetical to the basic premise of industry restructuring", is that right?
- A. Correct, with the *proviso* that I had mentioned before regarding short term versus long term.
- Q. Right. So, what you're saying is that, "yes, it looks like something's got to be done, and we can do this in the short term, while we work on a longer-term solution"?
- 12 A. That is, I think, a fair, broad characterization of my testimony.
- 14 (Cellphone ringing.)
- 15 CMSR. HARRINGTON: Your phone is
- 16 ringing.
- MR. RODIER: I'm very sorry. Would you
- 18 shut that off.
- 19 BY MR. RODIER:
- Q. Just wanted to ask you about the discussion of
- 21 residential customers "bearing the consequences of not
- 22 making a choice", did you overhear that?
- 23 A. Yes, I did.
- 24 Q. And, do you think that the residential customers really

- are making an informed choice here of not going to a competitive supplier or would they just not be informed or aware of what their choices are?
- 4 A. I think both conditions exist within the residential class.
 - Q. Okay. But, I guess what we're saying here, whether or not they're informed, it's appropriate that these customers who don't make a choice should pay a higher rate?
 - A. Can you repeat that please?
 - Q. Well, you're talking about price elasticity again, the customers who, for whatever reason, whether they're informed or not, who do not make a choice to go to the competitive market, it's okay for them to pay a higher default rate, because they're -- because they're inelastic?
 - A. I don't think that is what's going on here. It's not that they're paying a higher rate, they would actually be paying a lower rate with the implementation of ADE.
- 20 Q. Okay.

6

7

8

9

10

11

12

13

14

15

16

17

18

19

A. They would be paying a higher rate than the ADE

customers, but they would be paying a higher rate than

they otherwise would be -- a lower rate than they would

otherwise be paying.

- 1 Q. Let me put it another way then.
- 2 A. Okay.

6

7

8

9

10

11

12

13

14

15

- Q. Would you agree with the characterization that the DE customers are paying for the high cost power and that the ADE customers will be buying the low cost power?
 - A. No. I would -- what you have is a situation, I mean, conceptually, it's a simple situation. What you have is a group of customers, the current DE customers are responsible for covering the, you know, fixed system costs of Public Service of New Hampshire. In order to reduce that burden, a rate is being offered to attract additional customers who would be covering their marginal costs, plus making a contribution to the fixed costs. So, the existing DE customers would be
- Q. Okay. So, you're saying they're benefiting, they're not being exploited?

benefiting from this arrangement.

- 18 A. No.
- Q. Okay. Then, let me just ask you quickly. When would unlawful price discrimination in a regulatory setting exist?
- 22 A. Depends on what the laws are of the state. There are some states, for example, that --
- 24 (Court reporter interruption.)

1 MS. CHAMBERLIN: -- have laws on their

2 books. Can you continue from there?

BY THE WITNESS:

3

4

5

6

7

8

9

10

11

12

23

24

- A. Oh. Have laws on their books that preclude, for example, different price structures for different customers in different parts of the state that are served by the same utility. And, there are, you know, certainly variations on that. But price discrimination generally is a very common arrangement. And, you see it with, you know, senior discounts at movie theaters and early bird specials at restaurants. And, I mean, it's pervasive.
- 13 BY MR. RODIER:
- Q. Okay. But we're talking about regulated rates here, though, aren't we?
- 16 A. Yes, we are.
- Q. Okay. Let me move on. Do you think that the Rate ADE
 adder should include all of the costs associated with
 this program? And, by that, I'm referring to the
 marketing costs, administrative costs, promotional
 costs, sales costs, and customer service costs. Do you
 think they should be in there?
 - A. I mean, clearly, if those marginal costs, in aggregate, added to the energy costs would be so large as to swamp

the benefit of the contribution to fixed costs, I think that would be an issue. Given the temporary nature of the program, and the fact that I would not anticipate those costs to be particularly large, I don't know if I would look for that to be a requirement for this, especially since the utility has indicated that those costs are not going to be sought for recovery elsewhere.

- Q. Okay. So, you're saying -- I guess what we're saying here, as long as they are not like eventually recovered through distribution rates, that you could live with these not being included in the adder, is that right?
- 13 A. Yes.

- Q. Okay. So, what it comes down to is no cost recovery?
- A. No cost recovery, or, I would even go further, I think, if the costs are relatively minor, I would not view this as an issue. And, I would expect those costs to be minor.
 - Q. Okay. Okay. You don't think there's going to be a full-blown marketing -- I guess we don't have the -- we don't know, because the Company did not have any information or opinion on what they were going to be doing with respect to marketing and administration, etcetera, do you recall that?

- Yes, I do. 1 Α.
- 2 Okay. So, that would bring us probably to the next Q. 3 question, which do you think that this is a complex program to understand? 4
- I mean, there are -- there is a little bit of 5 6 complexity to it. You know, is it significantly more complex than, you know, other rate arrangements out 7 there? I don't think so. 8
- Well, you heard Commissioner Harrington say he had to 9 Q. 10 "read it 30 times", did you hear that?
- 11 Α. Yes.
- 12 Doesn't that tell you it is complex? Q.
- 13 It tells me that the settlement document is a 14 little bit dense. Doesn't necessarily say that the 15 program is necessarily complex.
- 16 Q. If I spent a half hour going through that Settlement 17 Agreement and asked you every question I could think of, do you think you'd get every one right? 18
- 19 Well, I hope we're not going to do an experiment on Α. I think I would probably come close. 20
- 21 Now, I guess the -- do you think there's any Q. 22 chance here of setting off envy between similarly 23 situated customers? They're living right next door to 24 each other, okay? One's paying nine cents to PSNH,

1 one's paying seven cents. Do you see any -- and, do you see any -- well, let me just ask you. Do you see 2 any problems associated with that? What do you think 3 is going to happen? 4 5 Do I believe that there may be some customers who take 6 some umbrage at this? Yeah, that --7 Q. Who might view themselves as somehow disadvantaged by 8 9 not having availability of the lower rate? I suspect 10 that that may be the case. 11 Okay. And, they will call the Commission and complain, Q. 12 don't you think? 13 Perhaps. 14 And, so, the Commission Staff here will have to, the 15 ones that deal with consumers, will have to master all 16 the intricacies of this Agreement, correct? 17 Α. Well, I think -- I think we're getting into some fairly 18 speculative areas here. MR. RODIER: Okay. I'm just checking to 19 see -- I want to thank you very much for your testimony. 20

21 WITNESS ESTOMIN: Thank you.

Thank you, Mr. 22 CHAIRMAN IGNATIUS:

23 Rodier. Ms. Miranda?

24 No questions. MS. MIRANDA: Thank you,

```
1 madam Chair.
```

- 2 CHAIRMAN IGNATIUS: Ms. Amidon?
- MS. AMIDON: We have no questions.
- 4 Thank you.
- 5 CHAIRMAN IGNATIUS: All right.
- 6 Commissioner Harrington, questions?
- 7 CMSR. HARRINGTON: Yes. Just a couple.
- 8 First, thanks. I thought you were going to call me
- 9 "dense", not the document.
- 10 (Laughter.)
- 11 CMSR. HARRINGTON: So, that's
- 12 appreciated. But, having said that, let me get on with a
- 13 couple questions.
- 14 BY CMSR. HARRINGTON:
- 15 Q. In your testimony on Page 6, on the top of the page,
- the end of the first answer, it ends with "is
- antithetical to the basic premise of industry
- 18 restructuring". Are you referring to this in general
- 19 for restructuring or are you talking specifically about
- 20 the principles of restructuring as defined in New
- 21 Hampshire law?
- 22 A. Just give me a moment, so I can view that.
- 23 Q. Sure. It would be Line 7, on Page 6.
- 24 A. No. I mean, I think this -- and, I don't know what the

- specific legal environment is in New Hampshire related
 to this. What I've been saying here is that, if the
 notion of restructuring is to create a competitive
 market that would be serving the generation needs of
 consumers, that this rate and that concept are in some
 friction.
 - Q. Okay. Thank you. Okay. And, you've also stated in your testimony and in discussions with Mr. Rodier, that this is -- you view this as a short-term solution to the migration issue, is that correct?
- 11 A. Yes.

7

8

9

10

15

16

17

18

19

- Q. Okay. And, when you say "short term", can you kind of give us some idea of exactly, is that "short term" ten years? Ten weeks? Ten months?
 - A. Ha, ha, ha. Yes, this is always a tricky question. In the context of what I was looking at this, I would view "short term" as the period of time that would be required to implement an alternative arrangement that would address this issue on a more permanent basis.
- 20 Q. Okay.
- A. And, I think three years is certainly, you know, within that time period.
- Q. Okay. That helps. Now, during that short term, we're saying somewhere in the general vicinity of three

years, did you make any assumptions on wholesale
electric prices in New England over that short term, to
make any determination as to whether this option was
beneficial to ratepayers or not?

- A. I think, over the -- certainly, over the next year, and if you look at projections out further than that, I would anticipate this arrangement being beneficial to Rate DE ratepayers.
- Q. So, I guess I'm trying to figure what you used as a basis for doing that, would have to have looked at wholesale prices. Are you assuming that wholesale prices in New England will stay in the area of \$50 a megawatt-hour on average?
- A. Yes. Or, you know, maybe just a bit higher than that.
- Q. Okay. And, the two things -- two factors that are -- or, major factors, I guess, that will be affecting the rates for Public Service's default service, whether that be DE or ADE, is going to be the Scrubber and the Berlin biomass plant. Now, the Berlin biomass plant rates are set by a previous order of the Commission. Did you look at those -- let me just hold on and say that they're set by a previous order of the Commission. Now, the Scrubber, obviously, has not. But did you make any assumptions with the effect that the Scrubber

- 1 could have on future Public Service rates?
- 2 A. No, I did not.
- Q. Okay. When looking at the marginal rate that is used to calculate the ADE, you must have come up with some type of a rate for Public Service going forward in the short-term?
- 7 A. You mean under Rate DE or under Rate ADE?
- 8 Q. ADE, I'm sorry.
- 9 A. Yes, I took a look at what the forwards were in the
 10 market. They're in the high 50s. And, to that, you
 11 would add a penny a kilowatt-hour for the adder.
- Q. Well, what I'm trying to get at is, we have the Public
 Service rates that are based right today on the
 temporary rates approved for the Scrubber, which, by
 most estimates, may -- could be higher, at least with
 permanent rates, it's a possibility.
- 17 A. Uh-huh.
- Q. And, then, we have the market prices that the Company
 has to pay for electricity in New England, which are
 fixed and would be the same as any other person buying
 wholesale rates. But the Scrubber costs are an
 addition that most other suppliers do not have, most
 other suppliers supplying power at market rates. Where
 the Scrubber would be market rates, plus the cost of

[WITNESS: Estomin]

1 the Scrubber. And, we also have the Berlin biomass plant, which has a fairly substantial impact on what 2 Public Service has to incorporate into their energy 3 service rates. So, I assume, when they do their 4 5 marginal cost of energy service in the ADA [ADE?] 6 rates, they will be including both of those costs, because that will be -- that's part of the overall 7 Public Service cost, is that correct? 8

- A. In their ADE rate?
- 10 Q. Yes.

9

- 11 A. I don't believe so. I believe that the only things
 12 that will be included in that cost is the forward price
 13 of electricity, prior to the commencement of the
 14 program, just prior to the commencement of the program.
- 15 Q. Okay.
- 16 A. Plus a adder equal to a bit over one cent a kilowatt-hour.
- Q. Okay. So, you're then, when you say "forward rates",
 you're stating -- your basic assumption is that the
 Scrubber costs and the Berlin biomass plant's are not
 included in any of the going forward costs? That
 they're simply fixed costs, like the price of Schiller
 Station, for example?
- 24 A. Yes. In Rate ADE?

- 1 Q. Yes.
- 2 Α. Yes.
- 3 Q. Okay. So, they won't have any effect on the Rate ADE at all? 4
- 5 Α. No.
- 6 Okay. And, so, what -- I quess, is it correct then to Q. 7 assume that, when those two factors, or whatever the Scrubber costs happen to be, and the known Berlin 8 biomass costs, when they get added in, they will be 9 10 borne completely by the DE customers?
- 11 They will be borne by the DE customers, except for the Α. 12
- Adder. 13 Q.

15

16

17

18

19

20

21

22

23

24

- 14 -- contribution of the adder to defray fixed costs.
 - Right. So, I guess what I'm trying to get at here is Q. the separation between the two prices, which, if it were to occur today or very shortly, would look -we're talking around nine cents a kilowatt-hour for the DE rates, and seven cents a kilowatt-hour for the ADE If we were to go ahead some period of time where whatever the Scrubber rates that were going to be incorporated were incorporated, and when the Berlin biomass rates kicked in, that separation would be, in fact, quite a bit larger then as well, because the ADA

Τ		rate ADE rates would not see anything from Berlin
2		biomass, and they have already incorporated part of
3		their portion of the Scrubber rates, which is the fixed
4		cost portion, where the DE rates presently have a
5		limited amount of Scrubber in, just the temporary rates
6		that were approved, and none of the Berlin biomass.
7		So, would it be safe to say that, if we were to look
8		ahead, we're going to see, assuming the wholesale power
9		prices stay about the same, we see a further separation
10		of this, where, instead of two cents, it may be three
11		or four or whatever cents that separates the DE and the
12		ADE rates?
13	Α.	And, to the extent that you have, you know, say
14		relatively stable wholesale market prices on a
15		forward-going basis, in other words, stable forwards,
16		and your DE rates are increasing, then, arithmetically,
17		you would see a wider gap between those those two
18		sets of rates.
19	Q.	And, I guess that what my point is I'm trying to get
20		across is we're not dealing with hypotheticals here.
21		We don't know what the Scrubber is, but there's a good
22		chance that the rates incorporated from the Scrubber
23		could be higher than the temporary rates that are now

{DE 11-216} [Day 1] {10-18-12}

24

in there. And, we know what the Berlin bio rates are,

and none of that is incorporated in the present DE rates, and that is going to add to those rates. That's not hypothetical, that's not supposition, that's a fact.

A. Uh-huh. No, I understand.

- Q. Okay. So, we will see further separation between these two. Which gets us back to the earlier point where now we're talking about selling the exact same product to two customers from the exact same company, and we start seeing the difference that we charge getting greater and greater between those companies, based on sort of circumstances of how often they happen to switch between one supplier and another supplier. But the fact is, when they're buying the power from Public Service, they're buying the same product at what's going to be increasingly different prices?
- A. No, I mean, what you're saying is certainly true. It's also a situation that isn't unique. I mean, many utilities, for example, you know, offer, you know, what they will call "economic development rates". Where, if there's a user who is contemplating either leaving the service area or coming into the service area with a new load, they will provide some period of time during which lower rates are available to that customer. The

idea being that marginal costs are covered. There is a contribution to fixed costs. There's also, you know, social benefits in the form of increased employment, increased tax base and so forth. So, these types of arrangements, where you have differing rates, you know, they're -- I mean, it's not a unique situation to Public Service of New Hampshire. And, the purpose of the differential, I mean, if the differential did not exist, then the benefit to the existing DE customers, in the form of increased contribution to system fixed costs from an outside group, in other words, those folks who are not currently DE customers, would be -- would be lost.

- Q. Okay. So, it's safe to assume then what you're saying is that the present DE customers would be better off with the ADE rates up and running than they are without them?
- 18 A. Yes.

Q. Okay. But, on the other hand, if they were to choose the available options, which, as we discussed earlier, it appears that all or just about, if not all customers, now have the option to pick a competitive supplier, that that would probably even be better for them?

- A. Maybe. It depends what they can be offered in the market. And, particularly in the case of residential customers, I mean, there is a certain -- I mean, that is the slowest customer group in any jurisdiction, that is the slowest customer group to move to the competitive market, even where rate differentials are pretty substantial between default service rates and what the competitive market has to offer. Those customers tend to stay with the local distribution utility, for a number of reasons.
 - So, yes. I mean, there is a benefit that would accrue to those customers that are reluctant to switch, for whatever reason.
- 14 Q. Okay.

- A. That would not otherwise be available.
- Q. Okay. Now, going on the other side of that, if you
 were a customer and you looked at the situation and you
 said -- excuse me -- "I can get a slightly better rate
 going to a competitive customer than I can now."
 - A. Uh-huh.
- Q. And, not only if I do that, and I do that for a year,
 then I've got sort of in my back pocket this extra ace
 to play. If things in the competitive market don't go
 well, I can simply say "I'm coming back to Public

	Service", and I get this special discounted rate called
	"ADE" that's not available to other people, unless you
	happen to leave Public Service to begin with. So, I
	could kind of use that as my whatever this term is
	going to be, we've heard recommended one year,
	recommended two years, I think you recommended two.
	So, for a two-year period, I'd have almost an insurance
	policy against higher rates, if market rates decided
	that, whatever was happening with natural gas, market
	rates went up substantially, and all of a sudden my
	competitive supplier was charging me 13 cents a
	kilowatt-hour, I could jump back to Public Service, get
	the ADE rate at something substantially lower, and have
	that as an insurance policy for a couple of years. So,
	would that not be an inducement to get some people to
	leave Public Service and go to a competitive supplier,
	assuming they would just maybe only save a little bit,
	but it would give them this two-year insurance policy?
Α.	Well, a couple things there. With respect to
	residential customers, I think that probably lays on
	them a greater degree of sophistication and market
	analysis than probably actually exists. Might it
	happen, you know, on occasion? Sure.
	I would also point out, and this hasn't
	[DE 11 216] [Day 1] [10 10 12]

really been brought up before, but, if we're looking at a program that's 36 months in duration, and let's say we offer a term of service period that's 24 months, in order for a customer to benefit from ADE for 24 months under the arrangement that you provided, they would have to leave DE service for a competitive service on month one. If they leave later than month one to receive service from the competitive market, when they return to Public Service of New Hampshire under Rate ADE, the amount of time available to them to receive service under the rate is going to be less than 24 months.

Q. Okay.

- A. Just because of the termination of the program, you know, after the 36 months end. But, you know, the situation you described, is that plausible for some customers? Sure.
- Q. Okay. And, one other question maybe, on the Settlement Agreement itself that you just prompted in me. That what happens to a present customer who, I don't know, let's say, ten months ago left Public Service and went to a competitive supplier, and now the ADE rates come into effect, in a year from now, for whatever reason, they decide they want to go back to Public Service, or

```
1
          less than a year from now. Do they -- when did their
          clock start as being a -- for that 12-month period that
 2
          they have to have a competitive supplier? Is it when
 3
          they actually went to a competitive supplier? Or, does
 4
 5
          the clock start the day the ADE rates go into effect?
 6
          Or does it only affect someone who migrates after ADE
          goes into effect?
 7
               It's my understanding that, if they left ten
 8
     Α.
          months before ADE went into effect, they would be
 9
10
          eligible to receive ADE service two months after --
11
          Okay.
     Q.
12
          -- ADE goes into effect.
          And, if they left three years ago, they would be
13
14
          eligible for ADE at the date of inception of the rates
15
          then?
16
     Α.
          Yes.
17
                         CMSR. HARRINGTON: Okay.
                                                   All right.
18
       That's all the questions I had. Thank you very much.
19
                         WITNESS ESTOMIN: All right.
                         CHAIRMAN IGNATIUS: Thank you. I have
20
21
      no other questions. Ms. Chamberlin, any redirect?
22
                         MS. CHAMBERLIN: No redirect.
                         CHAIRMAN IGNATIUS: All right. Then,
23
24
       thank you.
                   We appreciate your willingness to take this
```

```
1
       through the phone. I hope it's working well enough.
                                                             And,
       glad that you could participate that way.
 2
                         WITNESS ESTOMIN: And, I thank you for
 3
      bearing with this as well.
 4
                         CHAIRMAN IGNATIUS: Well, I know things
 5
       -- things happen. All right. Our next witness I believe
 6
       would be Mr. Mullen, is that right?
 7
                         MS. AMIDON: That's right.
 8
                         CHAIRMAN IGNATIUS: Before, Mr. Mullen,
 9
      before you get started, let's talk about scheduling a bit.
10
11
       Should we go off the record?
                         (Off-the-record discussion ensued.)
12
                         CHAIRMAN IGNATIUS: Let's go back on the
13
       record. We are going to confirm schedules with the
14
15
       Commission and issue a secretarial letter. But it looks
16
       as though resuming, when we're done today, to resume
17
       Monday, November 26, at 1:00 p.m., for final proceedings
18
       in this case.
                         But we still have half an hour.
19
20
       like to keep making progress. So, Staff, are you ready to
       call your witness?
21
                         MS. AMIDON: Yes. Mr. Mullen, please.
22
23
                         (Whereupon Steven E. Mullen was duly
24
                         sworn by the Court Reporter.)
```

[WITNESS: Mullen]

1 MS. AMIDON: Good afternoon.

2 WITNESS MULLEN: Good afternoon.

STEVEN E. MULLEN, SWORN

4 DIRECT EXAMINATION

5 BY MS. AMIDON:

3

- 6 Q. Would you please state your full name for the record.
- 7 A. My name is Steven Mullen.
- 8 Q. For whom are you employed and what is your position?
- 9 A. I am employed by the New Hampshire Public Utilities
- 10 Commission. And, I am the Assistant Director of the
- 11 Electric Division.
- 12 Q. Thank you. Have you previously testified before the
- 13 Commission?
- 14 A. Yes, I have.
- 15 Q. And, I have a question regarding your participation in
- this docket. I can tell from your testimony you have
- participated in this docket since the initial phase of
- this docket, which was commenced last year, is that
- 19 correct?
- 20 A. Yes, it is.
- 21 Q. And, did you participate in the discussions that led to
- the Settlement Agreement?
- 23 A. Yes, I did.
- Q. Thank you. Do you have a copy of your testimony before

```
1
          you?
```

- I do. 2 Α.
- 3 Q. And, the testimony consists of about 12 pages,
- including three one-page attachments, is that correct? 4
- 5 Yes, it is.
- 6 Do you have any corrections at this time to your Q.
- 7 testimony?
- No, I do not. 8 Α.
- And, if you were asked these questions today under 9 Q.
- 10 oath, would you provide the same answers?
- 11 Α. Yes.
- 12 MS. AMIDON: Thank you. I'd like to
- mark Mr. Mullen's testimony as -- is it Exhibit 14? 13
- 14 CHAIRMAN IGNATIUS: So marked for
- 15 identification.
- 16 (The document, as described, was
- herewith marked as Exhibit 14 for 17
- identification.) 18
- BY MS. AMIDON: 19
- Mr. Mullen, as you know from sitting here today, 20 Q.
- there's been a lot of discussion about the Settlement 21
- Agreement and about how the proposed ADE would operate. 22
- 23 The principal question of concern at this point is the
- 24 term of service, and Staff's position that the term of

[WITNESS: Mullen]

service be for 12 months, instead of 24 months. So, I would like you to address -- you can summarize your testimony insofar as it relates to that, but I would really like to direct your attention to addressing why the Staff supports the 12-month period for term of service.

A. Sure. In relation to looking at the term of service for this rate, it seems to me that there's a few things that have to be weighed. While I understand the argument put forth by PSNH earlier and by Mr. Estomin about providing for a longer period of potential benefit to other DE customers, there's also some issues with, you know, potential impacts to the competitive market, as well as -- and potential impacts on customer options.

So, as I looked at it, I said "well, there's really a few reasons why I prefer a 12-month, a shorter period term of service than the 24 months."

One is, it's a better match with the eligibility criteria, where a customer would have to be either served by a competitive supplier or on self-supply for at least 12 consecutive months. It's just easier to remember. Also, in reviewing Mr. Hall's rebuttal testimony, where he agreed with saying "well, you know,

[WITNESS: Mullen]

I think having a pilot is a good thing, and I think that we should probably look at this on an annual basis." So, I think it's a better match with the annual assessment of the rate.

Also, I mentioned the competitive market. And, I think it helps mitigate potential concerns that this is -- the rate is somehow anti-competitive or will otherwise disrupt the competitive market. And, I think, by having a shorter term of service, that helps mitigate some of those concerns, because somebody might not be served by this rate for a longer period of time.

I think also, since it's a pilot rate, and it's proposed to be a 36-month pilot, in accordance with the Settlement. If it's a longer term of service, if you go the whole 36 months of the pilot, at the time you get to the end, you may still have quite a number of customers who haven't gone through their entire term of service. So, therefore, you won't get a total picture of actions customers might take while on or off that term of service. With a shorter term of service, it helps provide, I think, a better assessment of what customers may or may not do when the term of service ends.

[WITNESS: Mullen]

Also, if, for some reason, prior to the end of the pilot, the rate is terminated, after the Commission looks at it and says, "you know, maybe that's not working the way that it should." Well, I think any customers served under the rate should serve out their remaining term of service. And, for a customer who just got on the rate prior to any such termination, that would -- there could be a significant number of months still left in that term of service.

Also, what I mentioned about in "limiting customer options", a shorter term of service

"limiting customer options", a shorter term of service would not limit customers from returning to default service for an extended period of time. So, if, for some reason, it became more advantageous for them to receive service under Rate DE, than Rate ADE, they wouldn't be limited from having that option for some longer period of time.

So, I think, when you take all those into account, a 12-month term of service seems to provide a better balance, in my view, of all the competing interests; those of the customers, those of the Company, and those of the competitive market participants.

MS. AMIDON: Thank you. I have no

[WITNESS: Mullen]

```
further questions.
 1
                         (Chairman Ignatius and Cmsr. Harrington
 2
                         conferring.)
 3
                         CHAIRMAN IGNATIUS: All right.
                                                          I think
 4
 5
       we're going to conclude here, and begin cross-examination
 6
       when we resume, rather than get started and then break it
       up. So, before we leave, are there any matters to take up
 7
       that we need to address? Any administrative issues?
 8
       Anything hanging out there to take on? I'm not aware of
 9
10
       anything.
11
                         (No verbal response)
                         CHAIRMAN IGNATIUS: All right. Well,
12
       seeing none, then we will adjourn until what I expect will
13
       be Monday, November 26th, at 1:00. We will send you a
14
15
       letter confirming that, and finish up with Mr. Mullen,
16
       then take up Mr. Fromuth, and then oral closings. All
17
       right? Thank you very much. We stand adjourned.
18
                         (Whereupon the hearing was adjourned at
                         4:09 p.m., and the hearing to resume on
19
                         Monday, November 26, 2012, commencing at
20
                         1:00 p.m.)
21
22
23
24
```

1	1	3
•	STATE OF NEW HAMPSHIRE	1
2	PUBLIC UTILITIES COMMISSION	2 EXHIBITS
3		3 EXHIBIT NO. DECRIPTION PAGE NO.
4	November 26, 2012 - 1:10 p.m. DAY 2 Concord, New Hampshire	4 15 PSNH Response to Technical Session 11
5	Concord, New Hampshire	TECH-01, Q-TECH-001 (08-10-12)
6	RE: DE 11-216	16 Testimony of August G. Fromuth 86 6 (08-24-12)
7	PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE: Alternative Default Energy Service Rate.	7
8		8
9	PRESENT: Chairman Amy L. Ignatius, Presiding Commissioner Michael D. Harrington	9
10	Commissioner Michael D. Harrington Commissioner Robert R. Scott	10
11	Sandy Deno, Clerk	11
12	APPEARANCES: Reptg. Public Service Co. of New Hampshire: Matthew J. Fossum, Esq.	12
13		13
14	Reptg. PNE: James T. Rodier, Esq.	14
15		15
16	Reptg. Retail Energy Suppliers Association: Joey Lee Miranda, Esq. (Robinson & Cole) Jonathan H. Schaefer, Esq. (Robinson & Cole)	16
17		17
18	Reptg. Residential Ratepayers: Susan W. Chamberlin, Esq., Consumer Advocate Office of Consumer Advocate	18
19	Reptg. PUC Staff: Suzanne G. Amidon, Esq.	19
20	Suzañne G. Amidon, Esq.	20
21		21
22		22
23	Court Reporter: Steven E. Patnaude, LCR No. 52	23
24		24
		{DE 11-216} [Day 2] {11-26-12}
	2	4
1		1 PROCEEDING
2	I N D E X PAGE NO.	2 CHAIRMAN IGNATIUS: We are back with 3 Docket DE 11-216. When we were last together, we had
3 4	WITNESS: STEVEN E. MULLEN (resumed)	4 gotten through the evidence of PSNH and OCA's witnesses.
5		5 We had had Mr. Mullen go through his direct, if I'm
6	Cross examination by Mr Easium 12	6 correct?
7	Cross-examination by Mr. Rodier 27 Cross-examination by Ms. Miranda 47	7 MR. MULLEN: Yes.
8	Cross-examination by Ms. Chamberlin 25 Cross-examination by Ms. Chamberlin 25 Cross-examination by Ms. Miranda 47 Interrogatories by Cmsr. Harrington 49, 80 Interrogatories by Cmsr. Scott 63 Interrogatories by Chairman Ignatius 69	8 CHAIRMAN IGNATIUS: And, still have
9	Interrogatories by Chairman Ignatius 69	9 cross-examination of Mr. Mullen, and Mr. Fromuth's direct
10	WITNESS: AUGUST G. FROMUTH	10 and cross-examination, I believe.
11	Direct examination by Mr. Rodier 86	11 So, why don't we begin with appearances,
12	Cross-examination by Ms. Miranda 93 Cross-examination by Mr. Fossum 96	12 and, then, if there's any other procedural matters to get
	Interrogatories by Cmsr. Harrington 112 Interrogatories by Cmsr. Scott 120 Interrogatories by Chairman Ignatius 125	13 oriented, it's always a little hard for me to remember
13	Interrogatories by Chairman Ignatius 125	where we left off. So, anything we have to go back over,
	* * *	15 if there's any other matters, before we get into the
13 14 15		16 evidence, we'll do so. But let's first take appearances.
14 15		,
14 15 16	CLOSING STATEMENTS BY: PAGE NO.	17 MR. FOSSUM: Good afternoon. Matthew
14 15 16 17	CLOSING STATEMENTS BY: PAGE NO. Mr. Rodier 132	17 MR. FOSSUM: Good afternoon. Matthew 18 Fossum, on behalf of Public Service Company of New
14 15 16 17 18		
14 15 16 17 18 19	Mr. Rodier 132	18 Fossum, on behalf of Public Service Company of New
14 15 16 17 18 19 20	Mr. Rodier 132 Ms. Miranda 136	Fossum, on behalf of Public Service Company of NewHampshire.
	Mr. Rodier 132 Ms. Miranda 136 Ms. Chamberlin 142	 Fossum, on behalf of Public Service Company of New Hampshire. CHAIRMAN IGNATIUS: Good afternoon.
14 15 16 17 18 19 20 21	Mr. Rodier 132 Ms. Miranda 136 Ms. Chamberlin 142 Ms. Amidon 145	 Fossum, on behalf of Public Service Company of New Hampshire. CHAIRMAN IGNATIUS: Good afternoon. MR. RODIER: Good afternoon. Jim
14 15 16 17 18 19 20 21 22	Mr. Rodier 132 Ms. Miranda 136 Ms. Chamberlin 142 Ms. Amidon 145	18 Fossum, on behalf of Public Service Company of New 19 Hampshire. 20 CHAIRMAN IGNATIUS: Good afternoon. 21 MR. RODIER: Good afternoon. Jim 22 Rodier, for PNE. Mr. Fromuth is with me.
14 15 16 17 18 19	Mr. Rodier 132 Ms. Miranda 136	Fossum, on behalf of Public Service Company of NewHampshire.

[WITNESS: Mullen] workings of the ADE rate, "ADE" standing for 1 1 along with my colleague, Jon Schaefer, on behalf of the 2 Retail Energy Supply Association. "Alternative Default Energy Service". And, in my CHAIRMAN IGNATIUS: Good afternoon. 3 testimony, when I was on the stand, I highlighted MS. CHAMBERLIN: Good afternoon, 4 what's essentially the one difference between my 5 Commissioners. Susan Chamberlin, Consumer Advocate, for position on the term of service and the position of 6 the residential ratepayers. 6 PSNH and OCA. PSNH and the OCA support a 24-month term 7 CHAIRMAN IGNATIUS: Good afternoon. of service. And, in my prefiled testimony, I 8 MS. AMIDON: Good afternoon. Suzanne 8 recommended a 12-month term of service. 9 Amidon, for Commission Staff. 9 And, to summarize the main reasons for CHAIRMAN IGNATIUS: Good afternoon, 10 that: One, I think just on simplicity terms, it's a 10 11 everyone. So, are we right that we pick up with Mr. 11 better match for the eligibility criteria. If we 12 Mullen's cross-examination, unless is there anything we 12 recall, in order to be able -- to be eligible for 13 should take up first? 13 service under Rate ADE, a customer must be served by a 14 MS. AMIDON: If I may, madam Chairman. 14 competitive supplier for at least 12 consecutive 15 What I would like to do is ask Mr. Mullen to summarize his 15 months. So, there, by having a term of service for 16 direct testimony, just to give a context for the 16 Rate ADE of 12 months, I think it's just a better 17 cross-examination that will follow. And, as you know, 17 match. Also, in Mr. Hall's rebuttal testimony, he had there is a Settlement Agreement that's been -- a Partial 18 18 mentioned that, with relation to the term in the 19 Settlement Agreement that's been filed in this docket, 19 Settlement Agreement that this -- actually, this came 20 Exhibit 9. The transcript was available to the parties, 20 -- the Settlement Agreement came later, the term that I 21 and I'm assuming they took advantage of that in order to 21 had recommended in my original testimony, about this 22 22 being looked at on a pilot basis, he said, "yes, you prepare for today. 23 I think that is all that I have at this 23 know, it's probably a good idea, and I think we should 24 point. 24 look at this on an annual basis." So, I think that {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

6 [WITNESS: Mullen] CHAIRMAN IGNATIUS: Is that acceptable 2 to everyone to, although I know Mr. Mullen summarized testimony before, to kind of get reoriented here to start off the afternoon? MR. FOSSUM: Yes. CHAIRMAN IGNATIUS: All right. Then, 6 7 unless there's anything else, are we good to go? 8 (No verbal response) (Whereupon Steven E. Mullen was recalled 9 to the stand, having been previously 10 11 sworn.) CHAIRMAN IGNATIUS: Mr. Mullen, you were 12 13 sworn before. You remain under oath. WITNESS MULLEN: Yes. 14 CHAIRMAN IGNATIUS: Thank you. Please 15 16 proceed. 17 STEVEN E. MULLEN, Previously sworn 18 **DIRECT EXAMINATION (resumed)** 19 BY MS. AMIDON: 20 And, Mr. Mullen, please, if you will, summarize the 21 testimony that you filed in this docket. 22 Okay. Bringing us back to a few weeks ago, we heard significant testimony from PSNH and from the OCA 23 24 witness about the Partial Settlement Agreement and the {DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen]

12-month term of service that I recommended is also a better match for the annual assessment of the rate.

8

Also, I think it helps mitigate -- the shorter term of service helps mitigate any potential concerns about this being anti-competitive, because the shorter term of service would limit the amount of time any eligible customer could be served under this rate.

As another reason, it gives a better idea, you can see more action, especially with this being a 36-month pilot, you can see more in terms of how customers react to the term of service ending and fulfilling their full term of service. If you were to go with a 24-month term of service, under a 36-month pilot, there could be a number of customers still being served by the rate at the end of the 36-month pilot period, that you wouldn't be able to see their full reactions during that entire term of service.

Let's see. Also, if for some reason, at the -- if the Commission were to terminate this rate, and say "well, you know, it's not really -- this isn't really working right", my position would be that the customers should serve their remaining term of service. So, if a customer had just recently started being served under Rate ADE, and it was a 24-month term of {DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Mullen]		[WITNESS: Mullen]
1		service, they could have a significant period of time	1	just look at it
2		left, if, for some reason, the rate was terminated.	2	CHAIRMAN IGNATIUS: Please.
3		So, I think, if you take all those into	3	MR. RODIER: just for five seconds?
4		account, I just think that the 12-month period is my	4	(Atty. Amidon handing document to Atty.
5		preference for what the term of service for this rate	5	Rodier.)
6		should be.	6	MR. RODIER: I notice this is nothing
7	Q.	Mr. Mullen, did you find anything in the Settlement	7	recent then. So, on that basis, we have no objection.
8		Agreement that you felt needed to be corrected?	8	CHAIRMAN IGNATIUS: All right. Then,
9	A.	Yes. I just found a typo when I was going through	9	we'll mark it for identification as Exhibit?
10		this. If you look at this is Exhibit 9, Page 5. In	10	MS. DENO: Fifteen.
11		Section 2.2.3, at the end of that section, there's a	11	CHAIRMAN IGNATIUS: Fifteen. Thank you.
12		reference to it says "and for the reasons set out in	12	(The document, as described, was
13		Section 2.3.3 or 2.3.4, below", those really should be	13	herewith marked as Exhibit 15 for
14		"2.3.3.1 or 2.3.3.2". And, I think, if you look at the	14	identification.)
15		Settlement, there is no "2.3.4", as was originally	15	MS. AMIDON: Thank you.
16		referenced in the Settlement.	16	WITNESS MULLEN: And, if I could just
17		CMSR. HARRINGTON: Could you give us	17	add something in relation to this?
18	th	nose again please?	18	MS. AMIDON: Yes, please.
19		WITNESS MULLEN: Sure. The references	19	WITNESS MULLEN: PSNH provided this
20	s	hould be to "2.3.3.1 or 2.3.3.2".	20	response with respect to the 24-month term of service that
21	BY	MS. AMIDON:	21	they support. So, there are a few spots on here where it
22	Q.	Thank you. Finally, Mr. Mullen, in connection with	22	says "24 months", that the only difference in how I would
23		discovery, PSNH provided a response that's identified	23	look at it would be the "12 months", it would substitute
24		as "TECH-001". Do you have a copy of that response in	24	"12 months" for those. But the decisions, the "yes" or
		{DE 11-216} [Day 2] {11-26-12}		{DE 11-216} [Day 2] {11-26-12}
		[WITNESS: Mullen]		[WITNESS: Mullen]
1		front of you?	1	"noes" and all that won't change.
•		V I.d-	•	DV MC AMIDON.

		[WITNESS. Mulleri]		[WITNESS: Mulleri]
1		front of you?	1	"noes" and all that won't change.
2	A.	Yes, I do.	2	BY MS. AMIDON:
3	Q.	And, it consists of a one-page I think, maybe a	3	Q. Okay. For example, if you go to the first triangle
4		two-sentence answer and a diagram which depicts various	4	that's green, it says "is 24-month clock running?"
5		situations, depending on when a customer chooses to	5	Under Staff's position, it would be "is 12-month clock
6		the ADE, and what various things will happen to reset	6	running?"
7		the 24-month clock, for example, and is that correct?	7	A. Correct.
8		How would you characterize this?	8	MS. AMIDON: Thank you. The witness is
9	A.	It's a flow chart, that, essentially, it's a decision	9	available for cross-examination.
10		tree. And, it shows whether a customer would be served	10	CHAIRMAN IGNATIUS: Thank you. Why
11		under Rate ADE or Rate DE, other things like whether	11	don't we continue with other signatories to the Settlement
12		the clock has started again or is it continuing? I	12	Agreement. So, PSNH.
13		just think that it it's a good pictorial view of	13	MR. FOSSUM: Thank you.
14		what lots of words of the text might say.	14	CROSS-EXAMINATION
15		MS. AMIDON: May I offer this as an	15	BY MR. FOSSUM:
16	е	xhibit? I think we're up to mark it for	16	Q. Mr. Mullen, I just wanted to ask, since it's been a
17	ic	dentification as "Exhibit 15", is that correct? I think	17	while since the first part of this hearing, and I know
18	it	might be helpful to the Commission, and the other	18	that you've given a quick summary of your direct, I
19	р	arties have copies of it. But it offers a flow chart	19	just wanted to ask a few questions that would, I think,
20	tl	hat's easier to follow, because it's in color and shows	20	help clarify where we are.
21	tl	ne various decision points.	21	Regarding eligibility for Rate ADE, just
22		CHAIRMAN IGNATIUS: Is there any	22	very briefly, how does a customer become eligible to be
23	o	bjection to marking it as an exhibit? Mr. Rodier.	23	served under Rate ADE?
24		MR. RODIER: Madam Chairman, could I	24	A. The customer must have been receiving service from a
		{DE 11-216} [Day 2] {11-26-12}		{DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Mullen]			[WITNESS: Mullen]
1		competitive supplier for a period of at least 12	1		to recover on its fixed costs?
2		consecutive months.	2	A.	Actually, yes, it does. Yes.
3	Q.	And, are there circumstances under which Rate ADE can	3	Q.	Thank you.
4	٦.	close to new customers?	4	Α.	Sorry.
5	Α.	Yes.	5	Q.	Is it possible that Rate ADE can be above the rate for
6	Q.	And, what circumstances would those be?	6		Rate DE?
7	Α.	And, if I could refer to, give the right direction	7	A.	That's possible.
8		here, if you look at the Settlement Agreement, the	8	Q.	So, the price available to a customer under Rate ADE
9		description starts on Page 5, in Section 2.2.4. But	9		will depend or could depend upon the market prices at
10		the technical workings of that are described in	10		the time the customer returns to PSNH for Default
11		Section 2.3.3.1, on Page 7. To summarize that, PSNH	11		Service?
12		will be looking at the projected marginal costs on a	12	Α.	Yes.
13		monthly basis. And, if, in one of those monthly	13	Q.	Have you reviewed the transcript from the first day of
14		reviews, it's comparison of the marginal costs at that	14		this hearing?
15		time for the remaining months of the period are more	15	A.	Briefly.
16		than 75 percent have increased by at least	16	Q.	Either through that review or your own recollection, do
17		75 percent of the amount of the adder, as compared to	17		you recall questions from Commissioner Harrington about
18		the projections of marginal costs for those same	18		whether a customer could leave for a competitive supply
19		periods at the initial setting of the rate. If that	19		and keep Rate ADE as an insurance policy?
20		occurs, then the rate could be temporarily closed to	20	A.	Do you have a reference?
21		new customers.	21	Q.	Yes. The transcript, at Page 170.
22	Q.	You said that's what happens when the rate increases.	22	A.	Okay. I'm there.
23		Does the same thing happen if the forward prices would	23	Q.	Now, this wasn't a question to you. I was just
24		decrease?	24		wondering whether you recall the question being asked.
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}
		[WITNESS: Mullen]			[WITNESS: Mullen]
1	A.	Well, the rate wouldn't close, but PSNH will file a	1		Nevertheless, for purposes of refreshing your
2		request for a authorization to decrease the rate.	2		recollection, the question asked to Mr. Estomin that
3	Q.	And, during any time that the availability of Rate ADE	3		Dr. Estomin, excuse me, on Page 170, at Lines 14
4		is closed, what happens to customers returning for	4		through 18, regarding an "insurance policy". Do you

1	A.	Well, the rate wouldn't close, but PSNH will file a	1		Nevertheless, for purposes of refreshing your
2		request for a authorization to decrease the rate.	2		recollection, the question asked to Mr. Estomin that
3	Q.	And, during any time that the availability of Rate ADE	3		Dr. Estomin, excuse me, on Page 170, at Lines 14
4		is closed, what happens to customers returning for	4		through 18, regarding an "insurance policy". Do you
5		Default Service?	5		have that in front of you?
6	A.	They would be assigned to Rate DE.	6	A.	Yes, I do.
7	Q.	Now, as for so, you I'm sorry, you spoke about	7	Q.	Does that refresh your recollection?
8		the price, how the price of Rate ADE is set.	8	A.	Yes.
9		Currently, as you understand it, is the proposed price	9	Q.	So, in light of so, in light of the fact that you
10		for Rate ADE below Rate DE?	10		have said that Rate ADE could be above Rate DE, do you
11	A.	Yes.	11		think it's likely that a customer would leave for a
12	Q.	Even at a price that's below Rate AD that is below	12		competitive supply and believe that, for 12 consecutive
13		Rate DE, does Rate ADE provide an opportunity for PSNH	13		months, and believe that Rate ADE would remain as an
14		to recover on its fixed costs?	14		insurance policy?
15	A.	No.	15	A.	Well, I think I think, under various circumstances,
16	Q.	Could you explain that. Does it provide any	16		you know, there's lots of different there's lots of
17		opportunity for PSNH to recover on its fixed costs?	17		different outcomes. And, so, I think, to view it as an
18	A.	It's just the adder the rate itself is the marginal	18		insurance policy kind of ignores the working the
19		cost of providing power. That's the bulk of the rate.	19		movements of the market prices that can happen and the
20		And, so, that's not a fixed cost to PSNH, that's	20		changes in the rates that could happen.
21		essentially the market price of power. The adder is	21	Q.	Thank you. I want to turn now to the issue that you
22		calculated on the non-operating costs of the Scrubber.	22		had said that there's some disagreement among the
23		So,	23		signatories about on the term of service. And, you do
24	Q.	So, does the adder then provide an opportunity for PSNH	24		agree that there should be a term of service, is that
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Mullen]			[WITNESS: Mullen]
1		correct?	1		eligibility requirement is, and I'll use my word, and
2	A.	Yes.	2		if you don't agree with it, please say so, is to help
3	Q.	And, we only the only disagreement is the length of	3		avoid gaming, and the annual review is just to provide
4		that term?	4		an opportunity to make sure that the Rate ADE is
5	A.	Correct.	5		providing the benefits that it's intended to provide.
6	Q.	In the first part of this hearing, do you recall	6		Is that an accurate summary?
7		stating that you understood the arguments of PSNH and	7	A.	Sure.
8		the OCA about the benefits of a 24-month term of	8	Q.	Now, are either of those purposes the same as the
9		service?	9		purpose of the term of service?
10	A.	Yes.	10	A.	Are they the same as the purpose for the term of
11	Q.	Would you agree that PSNH that PSNH's argument for a	11		service?
12		24-month term of service was that it would avoid an	12	Q.	Well, I guess, in other words, what is I'll start
13		extended term of customers being on a discounted rate,	13		this way. What is the purpose of the term of service?
14		and to avoid having customers pay a higher rate for an	14	A.	The term of service is provided so that there again,
15		extended period?	15		it's to avoid well, I was going to say I was
16	A.	Yes, I recall that.	16		going to say "it's to avoid people moving back and
17	Q.	And, do you recall Dr. Estomin's testimony that he	17		forth", however, people aren't required to stay on Rate
18		believed the 24-month term would be more attractive to	18		ADE. However, what it does is, it avoids a lot of
19		returning customers?	19		back-and-forth with Rate DE.
20	A.	Yes, I recall.	20	Q.	The term of service avoids a back-and-forth with Rate
21	Q.	Okay. And, despite those arguments, you still believe	21		DE, is that
22		12 months is the preferred term?	22	A.	Well, sure. Because, if there's a term of service
23	A.	That's correct.	23		under Rate ADE, returning customers aren't served by
24	Q.	Now, going to the issues that you had raised in your	24		Rate DE, assuming Rate ADE is open.
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}
		[WITNESS: Mullen]			[WITNESS: Mullen] 20
1		summary of your direct, the first issue that you had	1	Q.	Would you agree with Mr. Hall's previous testimony that
2		raised for in favor of a 12-month term of service was	2		the that the purpose of the term of service is to
3		that it matched, essentially, the eligibility term, is	3		provide benefits or, is to ensure that customers do

		[WITNESS: Mullen]			[WITNESS: Mullen]
1		summary of your direct, the first issue that you had	1	Q.	Would you agree with Mr. Hall's previous testimony that
2		raised for in favor of a 12-month term of service was	2		the that the purpose of the term of service is to
3		that it matched, essentially, the eligibility term, is	3		provide benefits or, is to ensure that customers do
4		that correct?	4		not receive an extended period of discount rates or an
5	A.	I said it was "a better match", yes.	5		extended period of excessively high rates?
6	Q.	A better match. What is the purpose of the 12-month	6	A.	Well, I think that's one of the things. There's also
7		eligibility requirement that is the purpose of	7		the the whole point of ADE is to provide, for those
8		requiring a customer to be on competitive supply for 12	8		returning customers, what it does is it, especially
9		consecutive months before qualifying for Rate ADE?	9		through the adder, provides some benefit to other
10	A.	The purpose of that is to, if I'm following your	10		customers on Rate DE.
11		correction your question correctly, is to ensure	11	Q.	So, and I guess what I'm trying to get at is that the
12		that there's not a lot of going back and forth.	12		term of service and the eligibility criteria and the
13	Q.	In other words, to use a term that's come up previously	13		annual review all serve essentially somewhat different
14		in this case, would it help avoid "gaming"?	14		purposes. Would you agree with that?
15	A.	Well, that's one thing that can happen with people	15	A.	Yes.
16		going back and forth. I might say that there might be	16	Q.	So, there's no particular underlying purpose that
17		people that move back and forth, and it's not	17		requires those terms to match, it just sounds better?
18		necessarily gaming.	18	A.	Well, that's your characterization. But I think that,
19	Q.	You had also mentioned a better match with the annual	19		yes, they all have their purpose.
20		review. What would the purpose be for the annual	20	Q.	Now, you also mentioned in your direct that it would
21		review?	21		help "mitigate concerns about being anti-competitive".
22	A.	To see how the rate is working and to see if there's	22		Could you explain that?
23		any adjustments that need to be made.	23	A.	Well, yes. And, I think there's, you know, there's
24	Q.	So, if I follow you correctly, the purpose of the	24		been some concern from, I think, competitive suppliers
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen] [WITNESS: Mullen] that this rate will keep people out of the competitive 1 A. Yes, that's correct. 1 2 2 market for an extended period of time. Now, whether Now, why would the -- what do you believe would be the 3 most likely reason that the rate would be terminated 3 those concerns are valid or not, I think a shorter term of service helps alleviate those concerns. 4 prior to the end of the pilot period? Q. Now, and you're not an attorney, Mr. Mullen? 5 Well, you know, I wasn't thinking of anything in 6 A. That's correct. 6 particular. I was just trying to cover potential 7 But are you familiar with the terms of the outcomes that could happen. I mean, there's a variety Q. 8 restructuring statute, RSA 374-F? 8 of things that could happen, you know. Now, whether it Generally. 9 requires a termination or whether it requires some 10 adjustments to the rate, you know, I haven't really Q. Would you agree that the primary purpose of the 10 11 restructuring law is to reduce costs for all consumers 11 thought through every scenario that could happen, but I 12 of electricity? 12 was trying to cover different potential outcomes. I think that's one of many that are stated in the 13 Is it possible that Rate ADE could be terminated 13 A. Q. 14 14 because few or no customers take it? statute. Well, could the implementation of Rate ADE have the That could happen. 15 Q. 15 16 effect of reducing the costs for consumers of 16 Q. So, in that case, would there be a significant impact 17 electricity? 17 for having to continue few or no customers till the end It could. of the term of service? 18 A. 18 19 Q. So, if it does have that effect, and would that be a 19 A. In that particular circumstance, no. 20 basis to limit it to 12 months? 20 And, Mr. Mullen, also in the first day of this hearing, I'm not sure I'm following your question. 21 you had mentioned, but I didn't hear you mention today, 21 Well, if it has the effect of lowering costs for 22 the possibility that "a longer term of service could 22 Q. 23 consumers of electricity, wouldn't that be a basis to 23 limit customer options". Do you recall saying that? 24 extend it to 24 months, to ensure that those benefits 24 Yes. That's right. {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12} 22 24 [WITNESS: Mullen] [WITNESS: Mullen] are provided? 1 Currently, customers have the option of having 2 competitive service for PSNH's Default Service, is that A. Well, that assumes (a) that people stay on the rate for the entire period, which they're not required to. 3 essentially the case? Sorry, I lost my train of thought. 4 A. If I might ask about that. That may be for an 5 So, once Rate -- assuming Rate ADE is implemented, Q. Q. individual customer, and you said this is a concern 6 would that choice change? 7 The choice of returning to Default Service? about competitive suppliers. So, I was wondering if A. Would customers still have the choice of obtaining 8

2 3 5 6 8 this could have the effect of lowering costs in the 9 marketplace for all consumers of electricity, as 10 opposed to, say, an individual consumer? Well, I think that, where the rate is calculated based 11 A. 12

on marginal costs, I would think that those are 13 basically reflective of the market price. So, whether 14 you have a longer term of service or a shorter term of 15 service, I think that, you know, those same market 16 prices should be available. Again, I support the 17 shorter term of service for a variety of reasons, not 18 just for one in particular. Q.

19 Yes. And, one of the other reasons that you had raised 20 is that, if a customer is on Rate ADE at the time that 21 the pilot period ends or that the rate is terminated, 22 the customer should remain on, in your opinion, the 23 customer should remain on Rate ADE until the end of 24 their term of service?

{DE 11-216} [Day 2] {11-26-12}

9 competitive supplier service or PSNH's Default Service?

Depending on how long they were being served by a 10 competitive supplier, they would -- if they wanted to 11 12 return, they would still have the competitive supply option, and, if they wanted to return to PSNH, they 13 14 would either be served under Rate DE or Rate ADE.

Either of which is a default service option, is that 15 Q.

16 correct?

17 That's correct.

18 So, in that customers would have the choice to remain

19 on competitive supplier service or return to PSNH's 20 Default Service, have those choices changed? Would

those choices change with the implementation of Rate 21

22 ADE?

23 With the implementation of Rate ADE, the only thing 24 that changes is the amount of time somebody would be {DE 11-216} [Day 2] {11-26-12}

		27
4	[WITNESS: Mullen]	[WITNESS: Mullen] 1 WITNESS MULLEN: Yes, I did. Thank you.
1	served under a returning customer would be served	1 WITNESS MULLEN: Yes, I did. Thank you. 2 MR. RODIER: Great.
2 3	under the Alternative Default Energy Service, rather than the standard Default Energy Service.	3 BY MR. RODIER:
4	Q. But the choice of who would supply the energy is	4 Q. Do you have the transcript in front of you?
5	essentially the same under whether Rate ADE exists	5 A. Ido.
6	or does not exist?	6 Q. Would you turn to Page 52.
7	A. Customers would still be served could still be	7 CHAIRMAN IGNATIUS: And, if both the
8	served by competitive suppliers or by PSNH.	8 witness and any questioner keep in mind, we don't have the
9	MR. FOSSUM: Thank you. I don't have	9 transcript. So, it's
10	anything further.	10 MR. RODIER: Okay.
11	CHAIRMAN IGNATIUS: Thank you.	11 CHAIRMAN IGNATIUS: All right, some of
12	Ms. Chamberlin, questions?	12 "we" have it, some of "we" don't have it. There's nothing
13	MS. CHAMBERLIN: I have a few questions.	13 wrong with using it, just don't assume that we're reading
14	Thank you.	14 along with you.
15	BY MS. CHAMBERLIN:	15 MR. RODIER: All right.
16	Q. Mr. Mullen, it's true that this is the second time that	16 BY MR. RODIER:
17	PSNH has made a Rate ADE filing, correct?	17 Q. Mr. Mullen, let me know when you get to 52.
18	A. Yes.	18 A. I'm there.
19	Q. And, the first time it was rejected by the Commission	19 Q. Okay. I'm going to just read an excerpt from Lines 5
20	for a variety of policy reasons, is that correct?	through 10. And, the reason I'm going to road it is,
21	A. Yes.	21 didn't PSNH ask you a few questions related to "gaming"
22	Q. On Page 3 of the Settlement Agreement, PSNH summarized	22 a moment ago?
23	those reasons. It's in Paragraph 1.3. Is it your	23 A. Yes, they did.
24	recollection that that correctly summarizes the {DE 11-216} [Day 2] {11-26-12}	24 Q. Okay. Well, since you have it in front of you, would {DE 11-216} [Day 2] {11-26-12}
	[WITNESS: Mullen]	[WITNESS: Mullen]
1	[WITNESS: Mullen] 26 original concerns of the Commission?	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the
1 2	[WITNESS: Mullen]	[WITNESS: Mullen]
	[WITNESS: Mullen] original concerns of the Commission?	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the
2	[WITNESS: Mullen] original concerns of the Commission? A. Yes.	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"?
2 3	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes.	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer.
2 3 4 5 6	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes.
2 3 4 5 6 7	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question.
2 3 4 5 6 7 8	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission?	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question. 8 A. Okay. I believe this is your question to Mr. Hall.
2 3 4 5 6 7 8 9	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do.	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question. 8 A. Okay. I believe this is your question to Mr. Hall. 9 Q. No. If you look on the previous page, which is 51,
2 3 4 5 6 7 8 9	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question. 8 A. Okay. I believe this is your question to Mr. Hall. 9 Q. No. If you look on the previous page, which is 51, 10 isn't it you're right, it is my question. Then,
2 3 4 5 6 7 8 9	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question. 8 A. Okay. I believe this is your question to Mr. Hall. 9 Q. No. If you look on the previous page, which is 51, 10 isn't it you're right, it is my question. Then, 11 given that, would you read that same section that I
2 3 4 5 6 7 8 9 10	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question. 8 A. Okay. I believe this is your question to Mr. Hall. 9 Q. No. If you look on the previous page, which is 51, 10 isn't it you're right, it is my question. Then, 11 given that, would you read that same section that I
2 3 4 5 6 7 8 9 10 11	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct?	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question. 8 A. Okay. I believe this is your question to Mr. Hall. 9 Q. No. If you look on the previous page, which is 51, 10 isn't it you're right, it is my question. Then, 11 given that, would you read that same section that I 12 asked you to, and then read Mr. Hall's answer, which is
2 3 4 5 6 7 8 9 10 11 12	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes.	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question. 8 A. Okay. I believe this is your question to Mr. Hall. 9 Q. No. If you look on the previous page, which is 51, 10 isn't it you're right, it is my question. Then, 11 given that, would you read that same section that I 12 asked you to, and then read Mr. Hall's answer, which is 13 on Page 10 [Line 10?]. I'm sorry.
2 3 4 5 6 7 8 9 10 11 12 13	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's	[WITNESS: Mullen] 1 you read into the record 5 through 9, starting with the 2 sentence that begins with "a customer"? 3 A. And, I believe this is a question from you to the PSNH 4 panel at the time? 5 Q. It's Mr. Hall's answer. 6 A. Yes. 7 Q. All right. It's in response to my question. 8 A. Okay. I believe this is your question to Mr. Hall. 9 Q. No. If you look on the previous page, which is 51, 10 isn't it you're right, it is my question. Then, 11 given that, would you read that same section that I 12 asked you to, and then read Mr. Hall's answer, which is 13 on Page 10 [Line 10?]. I'm sorry. 14 A. Okay. The section of the question that starts on Line
2 3 4 5 6 7 8 9 10 11 12 13 14	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of	[WITNESS: Mullen] you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Q. It's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line 5 reads as follows: "A customer has to be with a
2 3 4 5 6 7 8 9 10 11 12 13 14 15	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months	[WITNESS: Mullen] you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Q. It's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line 5 reads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months is a better term? A. Yes. That's correct. MS. CHAMBERLIN: That's all I have.	[WITNESS: Mullen] you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Q. It's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line 5 reads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry. After that, they can go back to ADE on January 1st, leave again on April 1st, come back again July 1st, and
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months is a better term? A. Yes. That's correct. MS. CHAMBERLIN: That's all I have.	you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Q. It's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line 5 reads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry. After that, they can go back to ADE on January 1st, leave again on April 1st, come back again July 1st, and leave again on October 1st?" And, Mr. Hall's answer
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months is a better term? A. Yes. That's correct. MS. CHAMBERLIN: That's all I have. Thank you. CHAIRMAN IGNATIUS: Thank you. Then	[WITNESS: Mullen] you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Q. It's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line 5 reads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry. After that, they can go back to ADE on January 1st, leave again on April 1st, come back again July 1st, and leave again on October 1st?" And, Mr. Hall's answer was "They could."
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months is a better term? A. Yes. That's correct. MS. CHAMBERLIN: That's all I have. Thank you. CHAIRMAN IGNATIUS: Thank you. Then let's turn to non-settling participants. Mr. Rodier.	[WITNESS: Mullen] you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Q. It's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line 5 reads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry. After that, they can go back to ADE on January 1st, leave again on April 1st, come back again July 1st, and leave again on October 1st?" And, Mr. Hall's answer was "They could." Q. And, do you agree with that? A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months is a better term? A. Yes. That's correct. MS. CHAMBERLIN: That's all I have. Thank you. CHAIRMAN IGNATIUS: Thank you. Then let's turn to non-settling participants. Mr. Rodier. MR. RODIER: Thank you. Mr. Mullen, by	you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Q. It's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line freads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry. After that, they can go back to ADE on January 1st, leave again on April 1st, come back again July 1st, and leave again on October 1st?" And, Mr. Hall's answer was "They could." Q. And, do you agree with that? A. Yes. Q. Okay. So, to the extent the impression might have been
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months is a better term? A. Yes. That's correct. MS. CHAMBERLIN: That's all I have. Thank you. CHAIRMAN IGNATIUS: Thank you. Then let's turn to non-settling participants. Mr. Rodier. MR. RODIER: Thank you. Mr. Mullen, by the way, did you have a good holiday?	[WITNESS: Mullen] you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Lit's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line freads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry. After that, they can go back to ADE on January 1st, leave again on April 1st, come back again July 1st, and leave again on October 1st?" And, Mr. Hall's answer was "They could." Q. And, do you agree with that? A. Yes. Q. Okay. So, to the extent the impression might have been left that there's no potential for gaming, this might
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months is a better term? A. Yes. That's correct. MS. CHAMBERLIN: That's all I have. Thank you. CHAIRMAN IGNATIUS: Thank you. Then let's turn to non-settling participants. Mr. Rodier. MR. RODIER: Thank you. Mr. Mullen, by	[WITNESS: Mullen] you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Lit's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line freads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry. After that, they can go back to ADE on January 1st, leave again on April 1st, come back again July 1st, and leave again on October 1st?" And, Mr. Hall's answer was "They could." Q. And, do you agree with that? A. Yes. Q. Okay. So, to the extent the impression might have been
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	[WITNESS: Mullen] original concerns of the Commission? A. Yes. Q. With this second filing, this is PSNH's attempt to meet those concerns, correct? A. Yes. Q. And, the terms of the Settlement Agreement would you agree with me that the terms of the Settlement Agreement meet those concerns of the Commission? A. Yes, they do. Q. And, the question before the Commission is which proposal the term of service is a better implementation, is that correct? A. Yes. Q. So, either one meets the original concerns. And, it's your testimony that 12 months is a better term of service; it's PSNH and OCA's testimony that 24 months is a better term? A. Yes. That's correct. MS. CHAMBERLIN: That's all I have. Thank you. CHAIRMAN IGNATIUS: Thank you. Then let's turn to non-settling participants. Mr. Rodier. MR. RODIER: Thank you. Mr. Mullen, by the way, did you have a good holiday?	[WITNESS: Mullen] you read into the record 5 through 9, starting with the sentence that begins with "a customer"? A. And, I believe this is a question from you to the PSNH panel at the time? Lit's Mr. Hall's answer. A. Yes. Q. All right. It's in response to my question. A. Okay. I believe this is your question to Mr. Hall. Q. No. If you look on the previous page, which is 51, isn't it you're right, it is my question. Then, given that, would you read that same section that I asked you to, and then read Mr. Hall's answer, which is on Page 10 [Line 10?]. I'm sorry. A. Okay. The section of the question that starts on Line freads as follows: "A customer has to be with a competitive supplier for 12 months, I'm very sorry. After that, they can go back to ADE on January 1st, leave again on April 1st, come back again July 1st, and leave again on October 1st?" And, Mr. Hall's answer was "They could." Q. And, do you agree with that? A. Yes. Q. Okay. So, to the extent the impression might have been left that there's no potential for gaming, this might

		29			31
		[WITNESS: Mullen]			[WITNESS: Mullen]
1		say otherwise, is that correct?	1		"PSNH, the Staff, and OCA", but it doesn't mean
2	A.	What this says is people can people aren't required	2	_	necessarily that we exclude anybody?
3		to stay on Rate ADE, and they can move back to	3	A.	Well, as I see it, Rate ADE is a tariffed rate. PSNH,
4	_	competitive supply and come back to Rate ADE.	4		the Staff, and OCA can't make changes to tariffed
5	Q.	Right. All right. So, like, in the spring, when the	5	_	rates. Those get approved by the Commission.
6		supplier's costs are down, they may they could jump	6	Q.	Yes. I'm just working on the part that says "PSNH, the
7		to a competitive supplier, and then go back in the	7		Staff, and OCA shall work cooperatively to develop any
8		summer, when the competitive prices are higher. Is	8		recommended changes to the design of Rate ADE."
9		that correct?	9	A.	And, again, those are recommended changes.
10	A.	They could do that.	10	Q.	Right. And, would there be I think you're saying
11	Q.	Okay.	11		there would be an opportunity for input into that
12	A.	A lot is going to depend on the market prices at the	12		process for people like PNE?
13		time, compared to the existing cost of Rate ADE.	13	A.	Yes, I believe there would.
14	Q.	Absolutely. You're absolutely correct. Now, the	14	Q.	Okay. That's all I wanted. Now, the other one I want
15		Settlement a couple questions on the Settlement	15		to go to is the annual well, first of all, why is
16		Agreement. First one would be well, I got the wrong	16		this a pilot? And, I'm looking for a very short
17		copy of the Settlement Agreement in front of me. My	17		answer.
18		notes are well, let me just wing it then off the top	18	A.	So it can be evaluated as to how it's working, how many
19		of my head. There is a provision in here that says	19		people are taking advantage of it. Just to basically
20		that, if the Commission the parties are still	20		get a good view of, you know, whether it whether it
21		looking for an agreement by January 1st, correct?	21		should be modified in any way, and how customers react.
22	A.	Looking to have the rate implemented by January 1st.	22	Q.	And, so, basically, keep it on a short leash, in case
23	Q.	Okay. Now, if the Commission comes out with an order	23		something unanticipated should happen?
24		and they change something, there is a provision in here	24	A.	Sure. There's lots of different things that could
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}
		[WITNESS: Mullen]			[WITNESS: Mullen]
1		that says the Settling Parties get together, figure out	1		happen, marketwise or otherwise. So, it's basically an
2		what to do about it, is that right? Now, I'm actually	2		evaluation period. It's a test period.
3		I found it. Top of Page 8.	3	Q.	Well, and do you recall that I suggested, through some
4	A.	I'm there.	4	α.	questions I believe to Mr. Hall, that, when you tell
5	Q.	"Should the Commission approve an implementation date	5		people "you can get a lower rate from Public Service,
6	Œ.	other than January 1, 2013, PSNH, the Staff, and the	6		but first you've got to go to a competitive supplier
7		OCA shall discuss whether to amend the date by which	7		for a year", do you recall me suggesting that could
8		the annual report shall be filed and shall report the	8		open the floodgates?
9		results of such discussions to the Commission." Now,	9	A.	It could. There's lots of things that could happen.
10		"PSNH, the Staff, and OCA shall work cooperatively to	10	Q.	Yes. Okay. So, there could be some unanticipated
11		develop any recommended changes to the design of ADE to	11	Œ.	consequences? That's probably the third time you've
12		the extent that such changes are necessary." Okay.	12		been asked that question, and I apologize.
13		I'll skip the end of the sentence for sake of brevity.	13		(Court reporter interruption.)
14		Because my question really goes to, if the Commission	14	RV	MR. RODIER:
15		orders something here to change, why is it just the	15	Q.	I said "there could be unanticipated consequences."
16			16	u.	·
		PSNH, the Staff, and the OCA get to consult with each			Now, at the end of the pilot period, the Commission has
17		other and work cooperative? Isn't it possible that my	17	٨	an opportunity to review this, correct?
18		client sees the decision, and they say "well, this	18	A. Q.	Yes. Going back to Section 2.2. "which pilot shall be
19 20		thing is on a pretty short leash. You know, we'd like	19	ų.	Going back to Section 2.2, "which pilot shall be evaluated by the Commission". Now, I wonder what that
20 21		to get our word in edgewise here as to how to make the	20		•
		recommended changes." Is that precluded?	21		means, if the Commission it doesn't say "the Staff

23

24

perhaps?

22

23

24

I don't think it's precluded, no.

{DE 11-216} [Day 2] {11-26-12}

Okay. And, what makes you think that? It just says --

it doesn't say that explicitly, it just includes the

of the Commission", it means "the Commission". So, are

we talking about there's going to be a hearing,

{DE 11-216} [Day 2] {11-26-12}

this is based on?" A. 1 If you turn to Page 8, in Section 2.4.3, it says there, 1 2 Okay. That's helpful. Well, I thought we agreed that 2 "At least 3 months prior to the end of the pilot 3 the costs of the Scrubber must be recovered through 3 period, PSNH shall file a request to extend, modify or terminate Rate ADE and shall include information about 4 Default Service? the historical performance of Rate ADE and support for 5 A. Yes. And, they are. 6 the requested relief." So, I think that in and of 6 Q. Does that mean just part of the costs or would that itself would see a hearing. 7 mean total costs? All of the costs? 8 Q. Okay. So, there would be notice, opportunity to be 8 It would be any costs that the Commission finds 9 heard, etcetera? 9 allowable into the Default Service rates would be A. 10 included in the Default Service rates. 10 Correct. 11 Q. Okay. That's good. So, I want to talk to you briefly 11 Well, isn't the non-operating -- isn't the operating about the adder. The adder is the non-operating costs 12 costs of the Scrubber going to be included in the 12 of the Scrubber? 13 Default Service rates or is Public Service not going to 13 That's correct. 14 recover those? 14 A. And, why are the costs of the Scrubber in there, and **PSNH** will recover whatever the Commission determines 15 15 16 let me just add a multi two-part question, isn't it 16 are recoverable. And, currently, there's a temporary 17 because RSA 125-O:18 says that the costs of the 17 adder, temporary rate component that's included in Scrubber "shall be recovered through default service". 18 Default Service to include what up until this time that 18 19 Does that sound right? 19 the Commission has approved in rates for the Scrubber. 20 That's what 125-O:18 says, yes. 20 Q. That's for Rate DE, isn't that correct? Α. 21 So, in essence, it says "you must recover the cost of 21 Yes. And, that's a Default Service rate. Q. the Scrubber through default service"? Right. In ADD -- ADE, though, it's not all of the 22 22 23 Correct. Meaning not through any other rate component. 23 costs of the Scrubber, it's just the non-operating A. 24 Q. Yes. Not on the wires or anything like that? 24 {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12} 34 36 [WITNESS: Mullen] [WITNESS: Mullen] A. Correct. That's correct. So, we have a question here as to whether or not the Q. Okay. Why -- tell me why it's just non-operating 2 Q. costs? Aren't the operating costs costs of the 3 operating costs must be included as well in ADE? Would 3 4 you agree with that? Scrubber? Well, and I think you had a discussion with Mr. Hall on 5 I think that's your question, yes. 5 A. A. this at length during the hearing. And, as he said, 6 Okay. And, you don't think so, and tell me one more 6 7 time very briefly why? first, those, the non-operating costs are readily I don't think they need to be, because, again, as you 8 identifiable, as compared to others that include 8 allocated costs. But, also, the Commission, when PSNH 9 pointed out, the statute in 125-O says that the costs 9 first proposed a Rate ADE, one of the concerns the 10 of the Scrubber get recovered through default service 10 Commission had was that PSNH proposed a flat penny 11 11 rates. 12 adder, and said "there was no basis for that." So, 12 Q. Yes. Currently, they are being recovered through default 13 what the -- using the non-operating costs of the 13 A. 14 Scrubber is, is a way that it can be calculated. And, 14 service rates. So, I don't see any problem with that. 15 it's based on, you know, actual numbers. It's based on 15 Q. Okay. Now, you're saying ADE isn't a default service 16 -- you know, so, there is a basis for it. You know, 16 rate? 17 there's nothing that says that the adder has, you know, 17 A. It is. 18 that there's nothing -- the Commission didn't say 18 Okav. And, is there some inconsistency here? You're 19 "well, it must be part of the Scrubber costs" or 19 saying that it must be recovered through default service rates, and then you just agreed that ADE is a 20 anything like that. So, what it does is it gives you a 20 default service rate? 21 way to, as things change over time, say "here's what 21 22 the adder is", rather than just saying "well, it's a 22 Yes. But, again, the operating costs are included in Rate DE, which is Default Service. It's not that 23 penny." This was, again, to respond to one of the 23 24 Commission's concern about, "well, how do we know what 24 there's any costs that aren't recovered between either {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen]

[WITNESS: Mullen]

		[WITNESS: Mullen] 37			[WITNESS: Mullen]
1		one of those rates.	1		they incurred because of the existence of Rate ADE?
2	Q.	Okay. So, you're saying that the here's what it	2	A.	Again, I think you had a lengthy discussion with Mr.
3	Œ.	comes down to then, 125-0:18, when it says "the costs	3	۸.	Hall about these types of costs. And, he's basically
4		of the Scrubber must be recovered through default	4		saying that people that would be performing these tasks
5		service rates", what you're saying is not necessarily	5		are currently employed and being paid. So, to that
6		true for ADE?	6		extent, there's not an incremental cost associated with
7	A.	Both operating and non-operating costs are currently	7		that. And, they're
8		included in Rate DE.	8	Q.	Do you agree?
9	Q.	Right.	9	Α.	And, they're not seeking any additional recovery of
10	Α.	What the adder in Rate ADE does is provide some	10		those costs.
11		additional recovery that goes back to the benefit of	11	Q.	Okay. You're not saying there aren't any opportunity
12		Default Service customers.	12		costs, are you?
13	Q.	Okay. Does 125-O:18, is that applicable to Rate ADE?	13	A.	No.
14	A.	It's applicable to default service rates.	14	Q.	Okay. Because, if they re-deploy people, they're not
15	Q.	Okay.	15		doing what they have been paid to be doing all along,
16	A.	And, the Commission can approve whatever it	16		now they're working on a new program, Rate ADE.
17	Q.	Yes.	17	A.	Well, I hesitate to make a general statement like that,
18	A.	deems appropriate for default service.	18		because I think people shift what they're working on
19	Q.	I'm wondering if you have a response to the question	19		all the time, depending on what their job function is.
20		that I asked, which is "does 125-0:18 apply to Rate	20	Q.	Right. Would you agree with me that the people in
21		ADE?"	21		question would otherwise be working on other PSNH
22	A.	And, I believe I just answered that. I said that 125-0	22		projects, if they weren't re-deployed to ADE?
23		applies to Default Service rates. And, the Commission	23	A.	Well, I think, any time you're working on one thing,
24		can approve what it deems appropriate for Default	24		you can't be working on something else.
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}
		[WITNESS: Mullen]			[WITNESS: Mullen] 40
1		Service rates, including alternative methods of	1	Q.	That's right.
2		providing Default Service.	2	Q. A.	But, again, it would depend on the individuals, it
3	Q.	Okay. I think we've beat that one into the ground.	3	Λ.	would depend on what the nature of their job is anyhow.
4	٠.	So, thank you for your responses. I'm going to move on	4	Q.	So, I mean, if somebody is there right now, and they're
5		at this point.	5	٣.	working on some existing project, their salaries are
6		Okay. Well, let's talk about, since	6		being recovered through base rates, aren't they?
٠		Oray. Hell, lot 3 talk about, 311106			

we're on this general subject, the marketing -- well, let me just read you the response to one of PSNH's data requests. "PSNH's proposed calculation of Rate ADE 10 admittedly does not include any costs for marketing or outreach programs." 11 12 MS. AMIDON: Could you please identify 13 the data request? MR. RODIER: I don't have it in front of 14 15 me. BY MR. RODIER: 16 So, what I will just do is ask Mr. Mullen, are there 17 18 any costs for marketing, outreach, cost of 19 administration, promotional materials, marketing, sales 20 or customer service included in Rate ADE? 21 A. No. 22 Q. Is that because these costs don't exist? 23 No, they exist. Okay. Are they -- the fact of their existence, are Q. 24 {DE 11-216} [Day 2] {11-26-12}

Depends on what they're doing, and, right now, it 8 depends on where their time is charged. 9 Well, if the time is charged, it's recovered through 10 base rates, isn't it? Well, they also have transmission rates. They also 11 12 have -- there's other components to their rates. 13 Q. Okay. So, when you say "base rates", I assume you're 14 referring to distribution rates, and that might not be 15 the case. 16 With that clarification, I understand. You're correct. 17 18 So, we could have a situation here where somebody is, I 19 don't know, is in, I don't know, Customer Service, been 20 there for five years. Now, they're working on 21 marketing, outreach, promotion, marketing, sales and 22 customer service for Rate ADE. And, the costs of that are being recovered through base rates? 23 Possibly. Again, depending on -- like I say, there's 24

{DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen] [WITNESS: Mullen] 1 A. It could. other rate components. 1 2 Do you think the Commission could get angry calls about 2 Q. Okay. "Other rate components", meaning "transmission 3 their neighbor getting a lower rate and they can't get 3 costs" or something like that? 4 A. 5 Q. Okay. Fair enough. Back to, very quickly, and I know 5 A. Well, I think that that goes to the education, in terms 6 we want to make sure we get out of here at 4:30, so I'm 6 of why it's available for some and not for others. 7 going to try not to belabor this. You heard me 7 Q. 8 question previously about two PSNH customers in 8 A. But, by the same token, those that would currently be 9 Manchester that live next door to each other? 9 eligible to receive the rate under Rate ADE, those Yes. I believe it was on Dubuque Street. 10 customers already wouldn't be paying the same as a PSNH 10 A. 11 Q. Exactly. And, so, let's make it North Bay Street this 11 customer, because they're getting whatever the time, to go to a silk stocking district. 12 competitive suppliers have offered. 12 I know where that is, too. Right. 13 A. 13 Q. I bet you do. Okay. So, we have two customers on 14 So, there's already a difference in what they're 14 Q. A. North Bay Street. And, one is a loyal PSNH customer, 15 15 16 the other flew the coop as soon as they could, these 16 Q. Right. 17 17 A. However much that is depends on what the suppliers are are residential customers, to go to a competitive offering. 18 supplier. Now, there is going to be some kind of 18 19 marketing and outreach program, is there not, on Rate 19 Q. Well, that brings me to my next question. The 20 ADE? 20 Commission has expressed an interest in market 21 enhancements, has it not? 21 Could you be more specific? 22 Q. Okay. So, isn't the one who has been loyal going to 22 A. 23 wonder how he can or she can get the new lower rate? 23 Q. Well, like the POR docket? 24 And, I would assume that would be done through the 24 A. The Commission has a docket open on that. I don't {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12} 42 44 [WITNESS: Mullen] [WITNESS: Mullen] outreach program, education. 1 think the Commission has ruled on it one way or 2 2 Q. Okay. And, so, the point would be, the prodigal son another. 3 who left can come back with a much lower rate than Rate 3 That's correct. But what precipitated that was the DE; the one who is loyal is out of luck? 4 reference in an order of the Commission that they 5 wanted to "consider market enhancements". If you're 5 A. That assumes circumstances as they are today. The one who was -- you say is "loyal", would not have yet met 6 not aware of that, that's fine. 6 7 No, I'm aware of the docket. the eligibility criteria for the rate. A. 8 Q. Well, implied in the -- how I was using the word 8 Q. Okay. "loyal" is that they stayed with Public Service and 9 A. And, they said they would open it and take a look at 9 10 resisted the blandishment of companies like PNE, right? 10 I understand your characterization. Right. Because they were interested in market --11 11 Q. Q. Okay. Do you -- is the PUC training any people to 12 considering market enhancements, is that correct? 12 13 answer calls from people that are complaining that they 13 A. They're interested in exploring the idea. 14 can't get this rate? 14 Q. Okay. So, do we have a -- do we have some 15 Not that I am aware of, but Consumer Affairs is not my 15 schizophrenia here, where, on one hand, the Commission Α. 16 department. 16 is looking to go forward here and enhance the market 17 Q. Okay. Could precipitate workload for the Commission, 17 for residential customers, on the other hand, it's 18 considering, to use a phrase that came up earlier, to 18 couldn't it? 19 We won't be increasing the number of people that are 19 "reverse the trend"? Α. 20 here. They answer questions all the time. And, 20 A. I don't see it that way at all. 21 Why is that? 21 there's always changes in tariffs. Q. 22 All right. It could precipitate workload for PSNH, 22 A. Because what I see is, under this rate, I don't see the Q. customers of PSNH are going to be any worse off than 23 couldn't it? People say "what do I got to do to get 23 24 24 they are. If anything, this is a different option, and

{DE 11-216} [Day 2] {11-26-12}

41

{DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Mullen] 45		[WITNESS: Mullen] 47
1		it addresses something that was in the Commission's	1	to me?
2		prior docket, DE 10-160. Where it requested that PSNH	2	CHAIRMAN IGNATIUS: No. I was just
3		develop a tariff proposal that would look to mitigate	3	curious about which order you were referring to.
4		the impacts on those customers who have not migrated,	4	MR. RODIER: Okay.
5		that it's caused that the cost impacts, based on	5	CHAIRMAN IGNATIUS: So, thank you.
6		resulting from those that have migrated. What this	6	MR. RODIER: Okay. You're welcome.
7		proposal does is it addresses that.	7	CHAIRMAN IGNATIUS: Does that conclude
8	Q.	And, that brings me to my last question. Now, it does,	8	your questioning?
9		but, you know, do you recall in a subsequent order that	9	MR. RODIER: It does.
10		the Commission issued that they said there were many	10	CHAIRMAN IGNATIUS: Thank you.
11		issues that have to be developed with respect to	11	Ms. Miranda.
12		whether this program is consistent with 374-F and	12	MS. MIRANDA: Thank you. For the
13		369-B?	13	record, Joey Lee Miranda, from Robinson & Cole, on behalf
14	A.	I'm not sure whether that was in relation to this	14	of the Retail Energy Supply Association. Good afternoon,
15		proposal or something else. I have a vague	15	Mr. Mullen.
16		recollection of what you're referring to.	16	WITNESS MULLEN: Good afternoon.
17	Q.	Okay.	17	MS. MIRANDA: Just a few questions.
18	A.	But I can't place it in the right docket.	18	BY MS. MIRANDA:
19	Q.	Well,	19	Q. In response to cross-examination from PSNH today, you
20		CHAIRMAN IGNATIUS: Mr. Rodier, do you	20	indicated that the Rate ADE allows PSNH to recover for
21	h	ave a citation to that order?	21	fixed costs associated with the Scrubber, is that
22		MR. RODIER: It was the order that	22	correct?
23	d	enied my motion to dismiss. And, as a matter of fact,	23	A. Yes.
24	iť	's mentioned in Mr. Fromuth's testimony. And, if I	24	Q. And, those costs are incurred by PSNH whether they
{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}	
[WITNESS: Mullen]				[WITNESS: Mullen]

	[WITNESS: Mullen]			[WITNESS: Mullen]
1	could get it. Let me be more specific here. On Order	1		serve Rate ADE customers or not, is that correct?
2	Number 25,372, June 8th,	2	A.	Yes.
3	CMSR. HARRINGTON: Excuse me. Could you	3	Q.	Thank you. Also in response to cross-examination from
4	give us the exhibit number please?	4		PSNH, you indicated that Rate ADE could lower costs of
5	MR. RODIER: Excuse me?	5		electricity for customers taking service on that rate,
6	CMSR. HARRINGTON: The exhibit number,	6		is that correct?
7	so we can find what you're reading from?	7	A.	Yes, it could.
8	MR. RODIER: No, I'm just reading it,	8	Q.	But it could also increase the cost of electricity for
9	this is Mr. Fromuth's testimony.	9		customers above what customers on DE are paying,
10	CMSR. HARRINGTON: Oh. Okay.	10		depending on the market, is that correct?
11	MR. RODIER: It hasn't been filed yet.	11	A.	Well, it could. But you'd also have to look at what
12	And, so, I'm just stating, in response to the question,	12		they're paying to competitive suppliers. Because, if
13	just make believe I've got this memorized, not reading	13		they're on ADE, they're obviously coming from a
14	from anything in particular. Your Order Number 25,372,	14		competitive supply. So, depending on the relative
15	June 8th, 2012, the Commission stated "Many factual issues	15		pricing there, it could increase or decrease from that
16	will need to be developed in order for the Commission to	16		as well.
17	determine, pursuant to RSA 369-B:3, IV(b)(1)(A), RSA	17	Q.	Okay. So, it's possible that there is actually a
18	Chapter 374-F, and RSA 377, whether the proposed	18		customer, even though ADE is currently lower than DE, a
19	redesigned ADE is reasonable and serves the public	19		customer returning to PSNH may actually pay more by
20	interest."	20		taking Rate ADE than they would have paid if they
21	I have no I have no further	21		stayed with a competitive supplier?
22	questions, madam Chairman.	22	A.	That's possible. Then, I'd have to question, you know,
23	CHAIRMAN IGNATIUS: All right.	23		why they were coming off competitive supply.
24	MR. RODIER: Do you have any follow-up	24		MS. MIRANDA: Okay. Thank you. Those
	{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Mullen]			[WITNESS: Mullen] 51
1	a	re the only questions I have. Thank you.	1	Α.	Well, that's, you know, that's one. Yes, that's
2		CHAIRMAN IGNATIUS: Thank you. Then, I	2		certainly one consequence.
3	tŀ	nink we've been around all of the parties. Questions	3	Q.	
4		om the Commissioners?	4		down into two things. One was the marginal cost of
5		CMSR. HARRINGTON: Yes. I have a few.	5		power, which I assume was more or less a pass-through?
6		CHAIRMAN IGNATIUS: Commissioner	6	Α.	Yes.
7	Н	arrington.	7	Q.	Okay. And, then, the adder was put onto that, and
8		CMSR. HARRINGTON:	8		that's going to be revenue that comes out additional to
9	Q.	Let me see. Mr. Mullen, I guess let me start out with	9		costs?
10		a basic something here. What is the purpose? What is	10	A.	Yes. Well, additional to marginal costs.
11		the Rate ADE hoping to accomplish by being established?	11	Q.	Additional to marginal costs, okay. And, that's
12	A.	The purpose is to try to mitigate the cost impacts to	12		because that they are based on the fixed costs of the
13		non-migrating customers, that is the ones who are	13		Scrubber, which aren't marginal, they're going to be
14		remaining on PSNH's Default Energy Service, by those	14		there regardless, correct?
15		who have migrated to competitive supply. Again, this	15	A.	Yes.
16		was a subject of an earlier Commission docket, DE	16	Q.	Okay. So, what we're doing is taking part of the cost
17		10-160. And, in its orders, the Commission requested	17		of the Scrubber and assigning it to people who are on
18		that PSNH develop a tariff proposal that would address	18		this ADE rate?
19		that concern.	19	A.	Yes.
20	Q.	So, you're saying that, through the use of this rate,	20	Q.	Okay. So, that means some of the costs that would have
21		it will tend to lower costs associated with people that	21		been with the regular Default Service, they don't have
22		stay on Default Service, regular Default Service?	22		those costs?
23	A.	Correct. And, that's essentially through the working	23	A.	No. Those costs are still figured in the Default
24		of the adder.	24		Service rate. What this does is this creates a
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}
		50 State of			52 TANTANGOO: Malland
1	Q.	[WITNESS: Mullen] Okay And that sooms to conflict with and I'm	1		[WITNESS: Mullen]
2	u.	Okay. And, that seems to conflict with, and I'm	2		calculation whereby additional revenue gets recovered,
3		looking at 374-F:3, F:3, II, where it says "The commission should ensure that customer confusion will	3		and then gets applied against the Default Energy Service rate through the reconciliation process.
4		be minimized and customers will be well informed about	4	Q.	-
5			5	٠.	benefited at the expense of the people that are paying
5 6		changes resulting from restructuring and increased customer choice." And, above that, it says "Customers	5 6		the alternate rate? I'm trying to follow this.

1	Q.	Okay. And, that seems to conflict with, and i'm	1		calculation whereby additional revenue gets recovered,
2		looking at 374-F:3, F:3, II, where it says "The	2		and then gets applied against the Default Energy
3		commission should ensure that customer confusion will	3		Service rate through the reconciliation process.
4		be minimized and customers will be well informed about	4	Q.	So, the people that stay on Default Service will be
5		changes resulting from restructuring and increased	5		benefited at the expense of the people that are paying
6		customer choice." And, above that, it says "Customers	6		the alternate rate? I'm trying to follow this.
7		should expect to be responsible for the consequences of	7	A.	Yes. There will be additional revenue received from
8		their choices." Now, are there any customers out there	8		the ADE customers that will go towards lowering the
9		that I'm not aware of that are forced to take Default	9		costs paid by Default regular DE customers.
10		Service, because nobody else offers it to them? Is	10	Q.	Okay. So, is the purpose of this then to slow down
11		that still the case in Public Service's territory	11		migration of Default Service customers?
12		anyway?	12	A.	No.
13	A.	No, I don't believe that. That's correct.	13	Q.	Okay. Then, why are we worried about lowering their
14	Q.	So, a customer should expect to be responsible for the	14		costs?
15		consequences of their choice. Any customer could leave	15	A.	Well, one thing that came that rose in DE 10-160,
16		and go on Default off of Default Service and get a	16		and, again, that was during especially during a
17		competitive supplier, or they could stay on Default	17		period where there were not as many options for
18		Service?	18		customers, especially on the residential and small
19	A.	That's correct.	19		commercial side, the situation happened that, when
20	Q.	Okay. Well, if the customer needs to be responsible	20		customers, primarily large customers left, there was a
21		for that, why are we trying to come up with a system to	21		smaller customer base to recover fixed costs over. So,
22		make life better for them? Isn't that one of the	22		this proposal was developed in relation to that
23		consequences of their actions, staying on Default	23		circumstance.
24		Service?	24		It could be that nobody takes Rate ADE,
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen] [WITNESS: Mullen] 1 or "closed" on Rate ADE? and then there won't be any additional benefit to 1 2 That gets to the circumstance that I described before 2 Default Service customers, because there wouldn't be 3 under questioning from Mr. Fossum. And, that's if --3 any revenue from an adder. Q. Okay. Can you just help me with this flow diagram a 4 Rate ADE is normally open. However, when PSNH looks at 4 5 the monthly projections of marginal costs, if the 5 little bit? I know it came from Public Service, but 6 I'm sure you can help address my questions on it. I'm 6 change in those projections is more than 75 percent of 7 7 just trying to get how this works. So, we're just the adder, the rate could be closed. So, this is 8 starting in the upper left-hand corner with the red 8 referring to the situation "is it open or is it 9 box, "Customer is taking supplier service." So, 9 closed?" somebody, and since we're dealing with residential 10 Q. Okay. So, there would be a -- this is would be a 10 11 customers, somebody used to be a Default Service 11 dynamic situation, where customers, based on their 12 customer of Public Service, and then they chose to go 12 individual circumstances of where they have been buying 13 to a competitive supplier. Is that correct? 13 their electricity or how they have been buying it over Correct. 14 the past time frame, is there any -- does this go --14 A. Okay. And, so, for whatever reason now, they have 15 where does this go back to? Probably would start fresh 15 16 decided they want to come back to customer service. 16 from January 1st, if it was implemented then? 17 They don't want to deal with that competitive supplier 17 A. Now you've lost me to where you are. anymore? 18 Q. Maybe I can reword it. To get to this initial box, the 18 green box, which says "Is 24-month clock running?" It 19 A. Back to Public Service, yes. 19 20 Q. Okay. So, this "24-month" is the next block, "Is 20 would be -- that's based on what they did previously as 21 24-month clock running?" And, I guess we've been told 21 a electric customer, correct? 22 your position would be "Is 12-month clock running?" 22 A. Correct. 23 Can you explain what that means? 23 Q. Okay. So, does everybody start with a fresh slate on 24 A. That is really for the situation where a customer had 24 January 1st, if this were to go into effect then, or is {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12} 54 56

		[WITNESS: Mullen]			[WITNESS: Mullen]	
1		previously been served under Rate ADE, and they had	1		it January 1st, looking backwards two years?	
2		gone back to the competitive market.	2	A.	Everybody starts with a fresh slate. This would be the	
3	Q.	So, this is for somebody who, I don't know, the boxes	3		first time that the tariff is actually available. So,	
4		that aren't on the chart, I guess, Default Service	4		there would be nobody that was previously served unde	r
5		customer of Public Service, left to go to take supplier	5		ADE, so nobody would already have a 24-month clock	
6		service, came back to Public Service and took ADE, then	6		running.	
7		went back to a supplier? Do I have that right?	7	Q.	So, the fact that they may or may not have been served	
8	A.	Well, this yes. So, this box, this green box is	8		under DE in the past, then left and came back and left	
9		questioning "do they fit that circumstance or not?"	9		and came back, has no bearing?	
10	Q.	Okay. And, then, going down, if the answer is "no",	10	A.	Correct.	
11		that means "the clock isn't running." So, what does	11	Q.	Only whether they were ADE in the past?	
12		that imply then? That they aren't eligible for	12	A.	They wouldn't have been ADE.	
13		Alternative?	13	Q.	Yes. But, I mean, that's the only criteria as we go	
14	A.	No. What that means is they were not previously served	14		into the future?	
15		under Rate ADE. This is their first time coming back	15	A.	Yes.	
16		from a competitive supply.	16	Q.	Okay. All right. I think I have a little better	
17	Q.	Okay. So, does that mean the clock's running or not	17		handle on how that works now. Thank you. There's a	
18		running?	18		couple of things on here I'm trying to figure out	
19	A.	The clock is not running.	19		what's the rationale for. And, the green box that	
20	Q.	Not running. So, you would go to the "no", I mean, is	20		talks about "12 consecutive months on supplier	
21		clock not running, you come down to "no". "12 months"	21		service?" Is there any basis for that "12 months"? I	
22		"12 consecutive months on supplier service?" And,	22		mean, why not 6 months or 13 months or whatever?	
23		if the answer is "yes", then they go over to "Is Rate	23	A.	It's, you know, there's no there's no magic number.	
24		ADE open?" And, what exactly does that imply, "open"	24		But it's a reasonable number of months in terms of,	
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}	

57 [WITNESS: Mullen] [WITNESS: Mullen] A. Correct. well, how long have they been out on competitive 1 1 2 Okay. So, maybe it's not what we're trying to 2 supply? You know, if they have been out for a month, 3 accomplish here with this rate, but it's certainly 3 do you set up a new tariff proposal for them or, you know, 12 months is, you know, basically, is looked at 4 required for it to accomplish that. We have to get 5 customers that are paying the ADE rate, so you can take as a reasonable significant period of time. 6 Q. So, you would have a situation then where some 6 advantage of that adder to help the DE rate? 7 customers were eligible for one rate, some customers Correct. In order for any benefit to flow to DE 7 A. 8 weren't? 8 customers, customers have to be taking service under 9 Correct. 9 ADE. 10 Q. For instance, if someone went with a competitive Q. Okay. And, these are the same customers that are 10 11 supplier, and the supplier went out of business. And, 11 supposed to be responsible for the consequences of 12 at that time, the only option left to them was to come 12 their choices. So, I get back to that. And, I'm just, back to Public Service. If they had been with this --13 again, a little confused as to what we're trying to 13 14 both people, two people been with that supplier, one 14 accomplish with that. But you're saying that you have for 14 months, one for 6 months, the one with 14 months 15 two customers then could be in the situation where 15 16 would come in and get Rate ADE at a lower rate than the 16 they, for whatever reason, they both decide they want 17 one that came in with the 6 months, because they would 17 to do business with Public Service, as far as buying have to get the DE rate, is that correct? 18 Energy Service from them. And, we're supposed to be 18 19 A. Well, that's possible. But, considering there's other 19 sensitive to a regulated utility charging, you know, 20 competitive supplier options out there, if one supplier 20 actual, prudent and reasonable costs. And, that would 21 was to go out of business, I would assume there would 21 have to be the same, whether it was ADE or DE, and yet be others there that they could also look at. 22 they're different. So, how do you reconcile that 22 23 Q. And, this is where I get confused. Because you said 23 seemingly confusion? 24 earlier that the intent of this was not to get 24 Well, first, without the proposal for ADE, they would {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Mullen]			[WITNESS: Mullen]
1		customers back to Public Service. But, if that doesn't	1		have just basically one choice, and that would be DE.
2		happen, what is this rate accomplishing?	2		Second, also in 374-F, I'm looking at 374-F:3, V(e),
3	A.	This rate is put in place to, again, to provide benefit	3		which also says that "Notwithstanding any decision of
4		to other default DE customers through the revenue	4		subparagraphs (b) and (c), as competitive markets
5		provided from the adder.	5		develop, the Commission may approve alternative means
6	Q.	So, in order to do that, you've got to attract people	6		of providing transition or default services which are
7		to take the ADE rate?	7		designed to minimize customer risk, not unduly harm the
8	A.	Well, again, but I don't see the purpose of developing	8		development of competitive markets, and mitigate
9		the rate as being done for that purpose. I see it	9		against price volatility without creating new deferred
10		being done to provide benefit to other customers. Now,	10		costs, if the Commission determines such means to be in
11		again, I think I said in my prefiled direct testimony	11		the public interest." So, I think, it's certainly, you
12		that the number of customers that take it, it's going	12		know, this is certainly something that's permitted.
13		to basically depend on how the amount of the adder	13	Q.	Okay. So, what you're saying here is, even though the
14		compares to the margin charged by suppliers. Assuming	14		rates are both held to the same standard, they can be
15		that marginal cost is at the market price will be the	15		different, and that's acceptable?
16		same for all players. So, you have to kind of see how	16	A.	Yes.
17		that matches up. And, right now, I'm not sure how	17	Q.	Okay. And, this section you just read talks about or
18		that's going to match up. It could be that a number of	18		"not unduly harm the development of competitive
19		people take advantage of ADE, it could be that nobody	19		markets". What effect do you think this will have on
20		does.	20		competitive markets, if this rate were to go into
21	Q.	But, I guess, in order to accomplish the goal of	21		effect?
22		benefiting Default Service customers, somebody has to	22	A.	It's one other option out there. Again, I don't see,
23		take the Alternate the ADE rate or that won't	23		you know, I don't see this as something that's going to
24		happen, correct?	24		cause all the competitive marketers competitive

58

DAUTHECC: Marilana

{DE 11-216} [Day 2] {11-26-12}

60

DAUTHECC: Marilana

[WITNESS: Mullen] suppliers to lose their customers. Again, because this 1 2 is priced above marginal cost. So, again, you've got 3 to think that the competitive suppliers are, you know, have their market price as their basis. And, now, whatever they do to that price, you know, for any 6 margin or whatever else they add to it, you would think it would be somewhat comparable. What this basically 7 8 does is it provides another option, which also, to the 9 extent customers take service under it, provides 10 benefit to other customers. 11 Q. Well, I guess, if you look at competitive markets, I 12 a cost-based utility, it's not part of the competitive 13 14

15

16

17

18 19

20

21

22 23

24

2

3 A.

4

5

6

8

9

10

11

12

13

14

15

16

17

18 Q.

19

20

21

22

23

24

Well, I guess, if you look at competitive markets, I look at them and I picture them as Public Service being a cost-based utility, it's not part of the competitive market. They develop their costs and they get recovery through the tariffs for those costs. So, to the effect that, now you've got a different non-competitive market-based option out there, at a lower price than Default Service, I'm finding a hard time saying or figuring out how this doesn't harm the development of competitive markets. It would seem to me it would be directly harmful to it, in that the goal here is to get people to leave competitive suppliers and sign up with Public Service under this new Rate ADE. Because, unless, we already established, unless that happens, {DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen]

service through Public Service. So, I don't see how it cannot be harmful to the competitive supplier market?

A. Well, that could happen.

CMSR. HARRINGTON: Okay. All right.

That's all the questions I have. Thank you.

CHAIRMAN IGNATIUS: Commissioner Scott.

CMSR. SCOTT: Thank you.

BY CMSR. SCOTT:

Q. Following the same stream of questioning. So, I just
 want to make sure I understood you right, Mr. Mullen.
 Your thought was, and I don't want to put words in your
 mouth, so, if I do, please correct me, that the ADE
 rate will still be higher than the competitive supplier

rate?

14 rate?

1

2

3

4

5

6

7

8

19

1

2

3

4

5

6

7

8

9

10

11

15 A. I say on that, I'm not sure.

Q. Okay. Would you agree that a rational customer would
 not likely change from a competitive supplier back to
 PSNH, if the ADE was higher than the rate they were

currently paying?

20 A. That would be my assumption, yes.

21 Q. Do you think it's possible that this pricing scheme

22 with ADE would be an inducement for people to leave

23 PSNH Default Service?

24 A. Well, if so, then they have to -- you know, if creating {DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen]

62

there is going be no benefit to the DE rate customers, which, as you stated, is the whole purpose of this. But, by the same token, competitive suppliers will all know how this rate is calculated. So, they can, you know, they will be looking at forward prices, as well as PSNH. And, they will know, they can do a pretty easy calculation of the adder, plus this is set on an annual basis, with some provision for changing it possibly at six months.

You know, so, suppliers can alter their offerings, they can, again, they will know how this is set. So, from that perspective, you know, PSNH, I don't believe, knows how competitive suppliers set their rates. So, you know, I think that -- I don't see this as something that's going to cause competitive suppliers to fold up their tent and go home. I just see it as another option that's out there.

Okay. But, again, I'm still trying to get back to this

see it as another option that's out there.

Okay. But, again, I'm still trying to get back to this then. Where we have retail suppliers out there now, the purpose of this new rate structure is to get funds to flow to the Default Service customers that are presently Default Service customers. And, the only way that happens is if a customer, who used to be with a competitive supplier, switches back to a cost-based {DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen]

64

this rate leads a current Default Service customer to figure "well, 12 months down the road, I'll be eligible for Rate ADE", not knowing what that ADE price is going to be at that time, you know, I think, as more and more competitors come into the market, there will be more options out there as well.

So, you know, could there be a customer out there who thinks that way? Possibly. But, I think, doing that, you have to have a pretty good crystal ball, in order to figure out that "12 months, I'm still going to be better off than where I am."

2. Let me ask the question another way. Is it -- if I was

12 Q. Let me ask the question another way. Is it -- if I was
 13 a PSNH customer, and I believed that the ADE rate
 14 ultimately was going to be less than the competitive
 15 supply rate, do you believe that would be an inducement
 16 for me to leave PSNH and go to a competitive supplier?

17 A. I think, if you thought that, and actually thought that
 18 you had a pretty good handle on that, that's certainly
 19 an outcome. However, where, again, the foundation for
 20 the rate is on market prices, and competitive suppliers
 21 most likely are starting with market prices as well.

22 So, unless there's expected to be a significant

23 difference between the two, again, then I go back to my

24 "crystal ball" comment.

[WITNESS: Mullen] [WITNESS: Mullen] Well, and I think PSNH is going to be providing 1 A. Q. Right now, though, the Default Service rate is higher 2 2 than the competitive rate, competitive suppliers' rate? information about the number of customers taking 3 service under Rate ADE. So, in looking at that, we'll 3 A. I'm not sure of what all the competitive suppliers are offering. Right now, PSNH's Default Service rate is 4 be able to see some of the movement back from 5 7.11 cents. But that's scheduled to change on 5 competitive supply. That's one way we can review it. 6 January 1st. And, right now, PSNH has proposed a rate 6 Q. So, help me out then with that a little bit more. So, 7 what would that tell us about the impact on that's almost 9 cents. Again, I'm not familiar with 8 what competitive suppliers are offering. I'm aware of 8 competition? How would we --9 one that's slightly below 7.11 cents, but I'm not sure 9 Well, if we saw a significantly large number of what others are offering. customers being served under Rate ADE, we know that 10 10 11 Q. In the scenario I presented that, as a customer, I 11 they're no longer in the competitive market. Granted, 12 think all this -- I have this crystal ball, and I think 12 you'd also have to kind of see, well, how many of those this is how I want to go. Do you see that -- would 13 customers stay on ADE for the term? Or, maybe stay on 13 14 that have the potential to be a windfall for the 14 for a couple months, then go back to competitive competitive suppliers, at least in that first year? supply. So, you know, there could be some movement 15 15 16 A. A windfall, in terms of an influx of new customers? 16 from competitive supply, but there also could be 17 17 movement back to competitive supply from the ADE, That's possible. 18 depending on what's going on in the marketplace. 18 Q. Okay. Let me go back to the term of service. Just a And, you feel we'll be able to see that, we'll have 19 couple quick questions on that. Do you -- obviously, 19 Q. 20 you've made a good case. I think, for the 12 months. 20 sight of that? 21 Others have made a case for the 24 months. I'm not 21 suggesting the Commission would do this. What's your Okay. How about gaming -- well, let me back up. Is 22 22 Q. 23 opinion if we split the baby and did 18 months, for 23 gaming necessarily bad? 24 24 A. Bad for whom? {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12} 66 68 [WITNESS: Mullen] [WITNESS: Mullen] That's, again, that's a potential outcome. You know, 1 I guess that's my question. So, I know, in the 2 Commissioners' earlier order, we talked about "gaming 2 I've supported 12 months for the reasons I've stated, 3 and PSNH and OCA have stated -- supported 24 for their 3 could have a negative impact on PSNH", if I remember 4 correctly. Is some gaming okay, though? Is that not reasons. So, again, you know, the Commission is free 5 iust competition? 5 to do as it chooses. But, you know, I would still 6 A. Well, you know, some people might look at one customer 6 support the shorter 12 months. 7 moving back and forth as "gaming", and others might 7 Q. Or, another alternative, what if we were to split, for instance, residential and non-residential customers, 8 8 just think it's a customer taking advantage of put one at 24 months and the other at 12 months, is 9 opportunities in the marketplace. So, you know, 9 there a value to something like that? 10 whether it's good or bad, I think, if something is done 10 That's nothing that I had looked at before. So, again, 11 in a way where it becomes detrimental in one way or 11 A. 12 I suppose that's a -- that's a potential outcome. It's 12 another, but you really have to look at -- I think it's 13 not something that I had considered. 13 hard to paint all customer movement with the same 14 Q. Okay. Thank you. You mentioned, both in your 14 brush, and say "well, all this movement back and forth 15 testimony verbally and in your -- I don't remember what 15 is "gaming"." Different customers will move for 16 exhibit it is, forgive me, the need for a review or the 16 different reasons. 17 12-month review, and your indication was that was a 17 So, the proposal is for a 36-month pilot. What do you

18

19

20 21

22

23

24

A.

the end of this?

see as the -- you know, at the end of the day, what

does this do for the utility? Where do we end up at

Well, I think, one of the things that's going to have

{DE 11-216} [Day 2] {11-26-12}

to be assessed is, you know, how's this working? Is it

providing benefit to other customers? You also have to

look at, you know, what kind of impacts is it having on

18

19

20

21 A.

22

23

24

Q.

that correct?

competition?

That's one of them, yes.

good thing, I believe. And, some of the things I think

were talked about were the impact on competition, is

would we know if it's having a negative impact on

{DE 11-216} [Day 2] {11-26-12}

How would we or how do you plan to measure that? How

[WITNESS: Mullen] [WITNESS: Mullen] basis. the competitive market? And, should it continue? 1 Should it be revised further? You know, there's going 2 Q. So, in both cases, you're forecasting -- using 2 3 forecasted numbers. And, then, at what point do you to be -- there can be a lot of changes between now and the end of 36 months that could impact this proposal 4 analyze actuals? 5 That all gets done through the DE reconciliation one way or another. So, I think what it provides is a way to reassess everything and say "Okay. Now, knowing 6 process. Any revenue from the adder, from this rate, 7 gets incorporated into the DE reconciliation. That's what we know, and having this track record of customers that took service under ADE, and how long they stayed? 8 done on an annual basis. You know, what the impacts were or weren't, I think 9 And, the Rate ADE doesn't get adjusted on the basis of would just provide a good assessment of all of that. 10 actuals, actuals could tell you whether the rate --10 11 Q. At the end of the day, isn't the Default Service rate 11 whether the class should be closed -- whether the rate 12 going to determine all of that at the end of the day, 12 should be closed? as far as migration and what competitive suppliers are No. The rate should be -- whether the rate is closed 13 13 14 doing? 14 or not depends on the marginal costs and the forecast Well, that's -- and that's one indicator, and it's 15 of marginal costs, looked at on a monthly basis each 15 16 basically the relationship of the Default Service price 16 year, compared to what the forecast for those 17 to what the market price is and what competitive 17 particular months was at the beginning of the process. 18 suppliers are offering. 18 You're right. I was wrong. So, it's comparing an earlier set of forecasts against a more current set of 19 CMSR. SCOTT: Okay. Thank you. That's 19 20 all I have. 20 forecasts? 21 CHAIRMAN IGNATIUS: Thank you. A few 21 Correct. So, there's no reconciliation for Rate ADE as we think 22 more questions. 22 23 BY CHAIRMAN IGNATIUS: 23 of it in Rate DE? Mr. Mullen, looking at the Settlement Agreement, there 24 {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Mullen] 70			[WITNESS: Mullen] 72
1		are a few just mechanical questions I want to be sure I	1	Q.	All right. Going back to the Settlement Agreement,
2		understand. And, following in the order that they	2		Section 2.3.3, at the bottom of Page 6, I think maybe
3		appear, if you turn first to Page 6.	3		what we were just talking about. Just describe, give
4	A.	I'm there.	4		me maybe a little more explanation of how that 2.3.3
5	Q.	Section 2.3.1 requires "forecasting of marginal costs".	5		provision would operate.
6		Then, 2.3.2, addressing the adder, to include	6	A.	Yes. As we just discussed, on a monthly basis, PSNH
7		"non-operating costs of the Scrubber". It doesn't say	7		will take a look at its forecasted marginal costs, and
8		if it's "forecasted" or "actual". What's anticipated	8		compare those to the prices that were used when the
9		there?	9		rate the annual rate was set at the beginning of the
10	A.	That is going to be done in the same manner as PSNH's	10		process. So, for instance, when you get to the 15th
11		Energy Service rate is calculated. Let me see if I can	11		day of February, PSNH will provide a forecast for the
12		refer you to for example, if you look at Exhibit 7,	12		remaining period of March through December, assuming
13		which is PSNH's April 27th testimony.	13		this goes into effect on January 1st. And, it will
14	Q.	I'm sorry, which exhibit?	14		compare those forecasted marginal prices to the
15	A.	Exhibit 7.	15		forecasted marginal prices for the months of March
16	Q.	And, did you give us a page yet or no?	16		through December that were included in its annual
17	A.	I did not. And, it's one of the attachments at the	17		forecast at the beginning of the process. To the
18		very back. It's Attachment 5, which is a three-page	18		extent that the new forecasts new forecasted
19		attachment.	19		marginal prices are more than 75 percent of the adder,
20	Q.	All right.	20		then the rate could be closed.
21	A.	If you look at that, you can see that, say on Line 19,	21	Q.	And, if you don't hit that 75 percent trigger, you'll
22		it says "Total Forecasted Merrimack Scrubber	22		just be looking at comparison of the forecast used for
23		Non-Operating Cost", then you have "Forecasted Retail	23		the start of the program to what the more updated
24		Megawatt-Hour Sales". So, it's done on a prospective	24		forecasts are for the completion, the remaining months
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}

73 [WITNESS: Mullen] [WITNESS: Mullen] 1 decision-making process. of the program? 1 2 2 A. Right. And, the rate would remain open, if you did not Also, on the very top of that page, it actually begins 3 3 hit the 75 percent trigger. on the bottom of Page 4, is the provisions that allow 4 someone to come in and out of service under ADE that Q. And, as you get closer to the -- to December, assuming 5 5 it started January 1st, you'd be comparing fewer months Mr. Rodier was asking you about. Tell me if I have 6 forecast to the original forecasted levels? 6 this right. There is an eligibility requirement to get 7 involved in the program in the first instance. So, the Yes. 7 A. 8 Q. So, let's assume that's all in place. You get to the 8 12 months consecutive service from a competitive 9 following January 1st, the second year for Rate ADE. 9 supplier, correct? 10 How is the rate set? 10 A. Correct. 11 And, that is set on an annual basis. And, that would 11 Once you're eligible and a customer opts to get into A. 12 be done, again, they would look at a 12-month calendar 12 ADE, leave the competitive supplier and get in on ADE, year, assuming it goes into effect January 1st, 13 they can come and go without any consecutive periods of 13 14 forecast the prices for the year, calculation for the 14 time, as long as they don't go more than -- they don't Scrubber adder. go a full 12 months off the program. But, if they go 15 15 16 Q. Is there a docket open, parties to intervene, to 16 in and out every month or a few months, that's okay? 17 evaluate all of that, or is it more of a sort of 17 Α. If they go back to competitive supply for a period of 18 less than 12 consecutive months, and the term of 18 compliance filing, in your anticipation? 19 I believe that would be done through a docket process. 19 service, whether it be 24 months or 12 months, would A. 20 Q. So, that would have to come in some number of months 20 continue -- that clock will continue to run. If they before January 1st, --21 go back to competitive supply for a period of more than 21 22 12 -- at least 12 consecutive months, and they were to 22 A. Yes. 23 Q. -- in order to be through the process and a resolution? 23 come back to Rate ADE, they would start a new clock. A. Yes. And, I'm just trying to refresh my memory on 24 Q. What's the logic of requiring a full 12 months to be {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12} 74 76 [WITNESS: Mullen] [WITNESS: Mullen] here. It would be set at the same time that the price 1 eligible for the program, full 12 months off of PSNH's 2 2 on the Rate DE is set, and that's discussed in service in order to be eligible? But, once they're in 3 Section 2.2.3. 3 the program, they're able to come and go? So, although it doesn't say a deadline for the Company 4 Well, I think it's, you know, it's -- if you were to 4 Q. 5 to make a filing, there will have to be something, if keep them -- if you were to restrict them from going 5 this were approved, as a setup, would have to set some 6 back to the competitive market, I think then that 6 dates for filing of a proposed Rate ADE? 7 certainly could be viewed as "anti-competitive", 8 8 A. Yes. because now you're restricting what option they 9 9 previously had even under Default Service. Q. In the provision just above that, I had forgotten to 10 ask you about that one, so, I'm glad you flipped back 10 Can you explain that? to it. What's the reason for a nine month delay for Well, under Default Service, they're free to leave and 11 11 go to the competitive supply. If somebody were to 12 implementation for smaller customers? 12 return to PSNH and be served under ADE, and said "oh, 13 A. That is for PSNH to get its computer systems to allow 13 14 for those changes to those rate classes. 14 by the way, you're now -- you have to take this rate, 15 Q. Do you anticipate the marketing efforts at the 15 you can't go back to competitive supply", that -- I'm 16 beginning of the program would be designed to include 16 sure that would be viewed as "anti-competitive". 17 those that, although they can't yet take it, would be 17 But what about if you were to allow someone to come back on the service, and if they decide to leave again 18 aware of how it's going to play out? 18 19 I would assume so, yes. Because it would, even though 19 and go back to a competitive supplier, why not have A. another eligibility period before they can return to 20 somebody might not be eligible for nine months from 20

ADE?

Well, you do, and that's, again, the 12 months.

{DE 11-216} [Day 2] {11-26-12}

Well, maybe I'm misunderstanding. I thought we were

saying that, once you've met the eligibility test and

21

22 A.

23

24

21

22

23

24

now, until nine months from now, to the extent that

on Default Service or go to competitive supply in the

interim, I think that could help inform their

{DE 11-216} [Day 2] {11-26-12}

they were to make some decisions about whether to stay

[WITNESS: Mullen] [WITNESS: Mullen] For the Default Service reconciliation dockets? you opt for ADE, you could stay on it for a few months, 1 A. 2 2 and then leave, and come back in a few months after Q. 3 Those come in on an annual basis. And, there's not a that. And, so, there's no corollary to the 12-month A. eligibility period once you're in the program. If 4 set time it has to be resolved by. Because, if you 5 recall, we also look at operation of PSNH's plants and you're out 12 months, then you reset that clock. But 6 you can come and go in the program for any reason you 6 outages and all sorts of things, and that takes some 7 may choose. And, what's the logic? If we think time to go through. As a result of those 8 there's a good reason for requiring a 12-month 8 reconciliation dockets, there isn't a rate adjustment eligibility period to initially get in the program, why 9 at that time. But any adjustments through the 10 is it no longer important that someone stay put for a 10 reconciliation process take place through the Default 11 while under ADE? 11 Service rate-setting process independent of the 12 Well, again, then I think you'd be limiting options 12 reconciliation. that they currently have now to come and go under How long does the Default Service rate-setting time 13 13 Q. 14 regular Default Service. So, this is not to be more 14 from filing to our general track record on when the restrictive than what currently exists. 15 rate changes go into effect? 15 16 Q. If you turn to Page 8 of the Settlement Agreement, it 16 The rate is initially set on an annual basis, and it 17 calls for, in Section 2.4.3, that, at least three 17 usually comes in during the month of September. And, months prior to the end of the pilot period, PSNH will 18 then, we have hearings in December, for a rate on 18 19 have an obligation to make a request to extend or 19 January 1st. Then, we have a mid-year review, that 20 modify or terminate the rate. Is three months adequate 20 information is filed around the middle of May for a 21 time for people to be able to evaluate the program, 21 July 1st rate change. make sense of its success or lack of success, and 22 Q. Earlier this afternoon you were asked, I think by Mr. 22 23 whether any modifications should be made or whether it 23 Fossum, that "could the Rate ADE be terminated if few 24 should even be terminated at that point? 24 or no customers take it?" And, you said "yes, that's {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Mullen] 78	[WITNESS: Mullen]
1	A.	Well, I think, if you go back to the beginning of	1 correct." Is there a provision in the Settlement
2		Section 2.4, on Page 7, in 2.4.1 and 2.4.2, it	2 Agreement that says that that I've missed?
3		describes other reports PSNH is going to be filing,	3 A. I believe there is. And, now, you've tested me with
4		either monthly or annually, about activity in the rate,	4 finding it. Yes. On Page 4, Section 2.2. The last
5		number of kilowatt-hours served, difference between the	5 sentence says that "Nothing in this agreement shall be
6		revenue received and marginal costs. So, I think	6 construed to limit the authority of the Commission to
7		there's going to be a lot of information filed in the	7 terminate this rate prior to the end of the 36-month
8		interim, prior to that three-month filing, that would	8 pilot period."
9		allow for people having a good idea even before that	9 CHAIRMAN IGNATIUS: All right. Thank
10		filing comes in.	10 you. That's it for questions from me. But, Commissioner
11	Q.	And, that's a good point, if people are evaluating	11 Harrington, another question?
12		what's being generated regularly over the course of the	12 CMSR. HARRINGTON: Yes. Just still
13		pilot. But, then, the three-month period is really	trying to maybe just follow this moving in and out thing,
14		when the Commission process kicks in to put it out	14 to make sure I've got it correct.
15		through an adjudicative process for review and parties'	15 BY CMSR. HARRINGTON:
16		participation. You think three months will work?	16 Q. I think I understand you have to be with a competitive
17	A.	I think it's certainly doable. I mean, it wouldn't be	17 supplier for 12 months before you're eligible for Rate
18		a new thing, as it is today. So, you know, I think	18 ADE, that's correct?
19		there would be a decent track record, in terms of	19 A. At least 12 months.
20		what's happened over time. And, that I think it	20 Q. At least 12 months. Once you meet that, you are then
21		says "at least three months", too. So, I mean, it	21 able to come back to Public Service and get the ADA
22		could come in sooner than that.	22 rate?
23	Q.	The time period for the reconciliation dockets is is	23 A. ADE, yes.
24		it more like six months?	24 Q. ADE rate. And, then, you could take that for two
		{DE 11-216} [Day 2] {11-26-12}	{DE 11-216} [Day 2] {11-26-12}

[WITNESS: Mullen] [WITNESS: Mullen] Well, otherwise would be using competitive suppliers months, and then go back to a competitive supplier for 1 1 2 or, without this rate, would be served under DE. 2 two months, and come back and get the ADE rate again? 3 Okay. And, is there -- this is what I'm trying to get 3 A. Yes. 4 at. Do we have any numbers? I mean, how many Q. And, is there any -- there was some other clock 5 customers that have left Public Service, that are on involved in that. How does that work? You just keep 6 switching every two months? 6 some competitive supplier now, how many would have to You could do that. And, then, your term of service, 7 come back to make this program successful, because, I A. 7 8 whether it be 12 months or 24 months, would continue to 8 mean, was there any estimate? Do we need a thousand 9 run. The only time that that clock would be reset is 9 customers? Twenty thousand customers? if you went back to competitive supply for a period of 10 10 Α. I'm not aware of any analysis on that. But, one way to 11 at least 12 consecutive months. 11 look at it is, any customers that are served under this 12 Q. So, you could do this back and forth for up to that 12 rate would provide -- any revenue from them would term of service, let's just say it's 12 months, and provide some benefit that isn't currently there. 13 13 14 then, if you stayed with Public Service, you'd go to 14 Okay. And, after the 12-month clock or whatever period 15 the DE rates, or you could go back to a competitive of time runs out, then they have the option of being 15 assigned to Default -- just the regular Default Service 16 supplier? 16 Once your term of service runs out, --17 rate or going back to a competitive supplier. And, I'm 17 A. 18 assuming no analysis has been done for that. Because, 18 Q. 19 A. -- if you stayed with PSNH, you would be assigned to 19 in other words, if this thing worked fairly well, you'd 20 Rate DE. 20 get people coming back. And, if it was, as 21 Q. Okay. Fine. That helps. Thank you. Now, one final 21 Commissioner Scott pointed out, most rational people question. Has there been any analysis done on this? I 22 are not going to say "well, I can get a", making up a 22 23 mean, it appears what we're doing is putting out a 23 number, "a 10 percent rate increase by going with ADA 24 proposal, and, you know, as stated by yourself and in 24 -- ADE rates, go back to Public Service. I'll just {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

	various letters, filings here, it's the idea is to	1	stay with the competitive supplier." And, if their
	help the DE customers, I mean, it's to mitigate some of	2	rates were lower than the competitive supplier, then
	the costs that they're seeing. So, in order for that	3	people would come back. Presumably, they're I guess
	to happen, someone just doing a loop, you know, if they	4	the best case would be that it would be lower than the
	were a DE customer, they became a competitive supplier	5	regular Default Service rates, but lower than the
	customer, they came back to ADA [ADE?], that really	6	competitive supplier, that would induce people to come
	didn't they have to get them back, you still haven't	7	back, take the ADE rates, which would bring in the
	created any more customers for Public Service that way,	8	extra revenue. But, after 12 months, they lose that.
	you just stayed even. So, presumably, you're going to	9	So, then, they're looking at Default Service rates
	have to get customers that would otherwise not come	10	versus competitive supplier rates. So, chances are,
	back to use this ADE rate. So, if you bring customers	11	they're going to make the same decision they made six
	back, then I guess you're saying, because you're	12	months or, two years ago, whenever they first left,
	covering the marginal cost of power, plus the adder,	13	and say "well, that's still lower, so I'm going to go
	each customer will be paying that adder, and that's an	14	back and do that again." So, now, there's no more
	extra source of revenue that they would get Public	15	benefit from this program for that at least for
	Service wouldn't receive otherwise, is that correct?	16	those people. So, has there been any analysis of how
A.	That's an extra source of revenue that would get	17	this works in equilibrium, when you're going to have
	applied to the benefit of other Default Service	18	this constant flow of, if the rate attracts people in,
	customers.	19	at the end of a year, it's more than likely going to
Q.	Okay. But that's where the benefit of the program	20	have them go back to where they came from?
	comes from, is bringing back people who otherwise would	21 A	. Well, there's a lot of scenarios in your question. I
	be using competitive suppliers?	22	can tell you, I haven't performed that analysis. And,
A.	Yes.	23	I can't speak for the Company or anyone else in this
Q.	Okay.	24	room as to whether they have performed any such
	Q.	help the DE customers, I mean, it's to mitigate some of the costs that they're seeing. So, in order for that to happen, someone just doing a loop, you know, if they were a DE customer, they became a competitive supplier customer, they came back to ADA [ADE?], that really didn't they have to get them back, you still haven't created any more customers for Public Service that way, you just stayed even. So, presumably, you're going to have to get customers that would otherwise not come back to use this ADE rate. So, if you bring customers back, then I guess you're saying, because you're covering the marginal cost of power, plus the adder, each customer will be paying that adder, and that's an extra source of revenue that they would get Public Service wouldn't receive otherwise, is that correct? A. That's an extra source of revenue that would get applied to the benefit of other Default Service customers. Q. Okay. But that's where the benefit of the program comes from, is bringing back people who otherwise would be using competitive suppliers? A. Yes.	help the DE customers, I mean, it's to mitigate some of the costs that they're seeing. So, in order for that to happen, someone just doing a loop, you know, if they were a DE customer, they became a competitive supplier customer, they came back to ADA [ADE?], that really didn't they have to get them back, you still haven't created any more customers for Public Service that way, you just stayed even. So, presumably, you're going to have to get customers that would otherwise not come back to use this ADE rate. So, if you bring customers back, then I guess you're saying, because you're covering the marginal cost of power, plus the adder, each customer will be paying that adder, and that's an extra source of revenue that they would get Public Service wouldn't receive otherwise, is that correct? A. That's an extra source of revenue that would get applied to the benefit of other Default Service customers. Q. Okay. But that's where the benefit of the program comes from, is bringing back people who otherwise would be using competitive suppliers? A. Yes.

82

[WITNESS: Mullen]

{DE 11-216} [Day 2] {11-26-12}

84

[WITNESS: Mullen]

	[WITNESS: Mullen] 85			[WITNESS: Fromuth]
1	analysis.	1	ВΥ	MR. RODIER:
2	Q. But you haven't seen any?	2	Q.	Mr. Fromuth, a couple of introductory questions. Let
3	A. I have not.	3	-	me first just very quickly go to so-called "Freedom
4	CMSR. HARRINGTON: Okay. Thank you.	4		Energy Logistics". Does the providence of Freedom
5	CHAIRMAN IGNATIUS: Thank you. Ms.	5		Energy Logistics, does that go back to the mid '90s or
6	-	6		earlier?
	Amidon, do you have redirect?	7		
7	MS. AMIDON: No, I don't. Thank you.		Α.	Yes.
8	CHAIRMAN IGNATIUS: All right. Then,	8	Q.	And, briefly, the signature accomplishment at that
9	you're excused, Mr. Mullen. Thank you. Let's take a	9		point was the obtaining a decision from the New
10	break for ten minutes, let's say 3:15, to resume with	10		Hampshire Supreme Court that basically said there's no
11	Mr. Fromuth.	11		exclusive franchise for utilities, is that right?
12	(Recess taken at 3:02 p.m. and the	12	A.	That's correct.
13	hearing resumed at 3:18 p.m.)	13	Q.	Okay. And, one other thing about Freedom, did you
14	CHAIRMAN IGNATIUS: We're back on the	14		pioneer the market in New England for MPEUs?
15	record. Mr. Fromuth, I think you are up next. Are you	15	A.	Yes, I did.
16	ready, Mr. Rodier?	16	Q.	And, what's an "MPEU"?
17	MR. RODIER: Yes, we are. And, if we	17	A.	It's a "Market Participant End User". It's an entity
18	could have the witness sworn here, before we takes a seat,	18		that can take power directly from the Grid, from the
19	that would be good.	19		Power Pool, by conforming to some entry requirements
20	(Whereupon August G. Fromuth was duly	20		and other stair-step items that it must clear with the
21	sworn by the Court Reporter.)	21		various states in which it's located.
22	MR. RODIER: May I?	22	Q.	Is there anybody we've heard of that you can mention
23	CHAIRMAN IGNATIUS: Please.	23		here today to give an example of an MPEU?
24	AUGUST G. FROMUTH, SWORN		Α.	Yes. We have a number in New Hampshire that are
	{DE 11-216} [Day 2] {11-26-12}	2-4	۸.	{DE 11-216} [Day 2] {11-26-12}
	(DE TI-ETO) [Day 2] (TI-EO-TE)			(DE 11-210) [Day 2] (11-20-12)
	DMITNESS: Fromuth) 86			(WITNESS: Fromuth) 88
1	[WITNESS: Fromuth]	1		[WITNESS: Fromuth]
1	[WITNESS: Fromuth] DIRECT EXAMINATION	1 2		[WITNESS: Fromuth] have a commercial relationship with the Power Pool
2	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER:	2		[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier
2 3	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this	2		[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner
2 3 4	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding?	2 3 4		[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> .
2 3 4 5	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did.	2 3 4 5	Q.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing
2 3 4 5 6	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you?	2 3 4 5 6		[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts?
2 3 4 5 6 7	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do.	2 3 4 5 6 7	Q. A.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for
2 3 4 5 6	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would	2 3 4 5 6		[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts?
2 3 4 5 6 7	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do.	2 3 4 5 6 7 8 9		[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for
2 3 4 5 6 7 8	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would	2 3 4 5 6 7 8	A.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them.
2 3 4 5 6 7 8	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look	2 3 4 5 6 7 8 9	A.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the
2 3 4 5 6 7 8 9	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine.	2 3 4 5 6 7 8 9 10	A.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier.
2 3 4 5 6 7 8 9 10	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate	2 3 4 5 6 7 8 9 10	A. Q.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say?
2 3 4 5 6 7 8 9 10 11	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate to the best of your information, knowledge and belief	2 3 4 5 6 7 8 9 10 11 12	A. Q. A.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say? Yes. That's a competitive energy provider.
2 3 4 5 6 7 8 9 10 11 12	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate to the best of your information, knowledge and belief today, right?	2 3 4 5 6 7 8 9 10 11 12	A. Q. A.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say? Yes. That's a competitive energy provider. And, you're testifying on behalf of PNE here today, is
2 3 4 5 6 7 8 9 10 11 12 13	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate to the best of your information, knowledge and belief today, right? A. It is.	2 3 4 5 6 7 8 9 10 11 12 13	A. Q. A. Q.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say? Yes. That's a competitive energy provider. And, you're testifying on behalf of PNE here today, is that right?
2 3 4 5 6 7 8 9 10 11 12 13 14 15	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate to the best of your information, knowledge and belief today, right? A. It is. MR. RODIER: Okay. Madam Chairman,	2 3 4 5 6 7 8 9 10 11 12 13 14	A. Q. A. Q.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester <u>Union Leader</u> . Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say? Yes. That's a competitive energy provider. And, you're testifying on behalf of PNE here today, is that right? That's correct.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate to the best of your information, knowledge and belief today, right? A. It is. MR. RODIER: Okay. Madam Chairman, could I have that marked for identification please? CHAIRMAN IGNATIUS: Yes. That would be	2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Q. A. Q.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester Union Leader. Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say? Yes. That's a competitive energy provider. And, you're testifying on behalf of PNE here today, is that right? That's correct. And, was PNE the first company to market to residential customers in New Hampshire?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate to the best of your information, knowledge and belief today, right? A. It is. MR. RODIER: Okay. Madam Chairman, could I have that marked for identification please? CHAIRMAN IGNATIUS: Yes. That would be "Exhibit 16".	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q. A. Q.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester Union Leader. Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say? Yes. That's a competitive energy provider. And, you're testifying on behalf of PNE here today, is that right? That's correct. And, was PNE the first company to market to residential customers in New Hampshire? Indirectly, PNE was is a source of supply for an
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate to the best of your information, knowledge and belief today, right? A. It is. MR. RODIER: Okay. Madam Chairman, could I have that marked for identification please? CHAIRMAN IGNATIUS: Yes. That would be "Exhibit 16". MS. DENO: Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q. A. Q.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester Union Leader. Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say? Yes. That's a competitive energy provider. And, you're testifying on behalf of PNE here today, is that right? That's correct. And, was PNE the first company to market to residential customers in New Hampshire? Indirectly, PNE was — is a source of supply for an aggregator, Resident Power, that was the first to
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	[WITNESS: Fromuth] DIRECT EXAMINATION BY MR. RODIER: Q. Mr. Fromuth, did you prefile some testimony in this proceeding? A. I did. Q. Do you have a copy of it with you? A. I do. Q. Is there any errors or anything in there that you would want to correct at this point? Or does it look A. No, it's fine. Q. It's still accurate, okay. And, it's true and accurate to the best of your information, knowledge and belief today, right? A. It is. MR. RODIER: Okay. Madam Chairman, could I have that marked for identification please? CHAIRMAN IGNATIUS: Yes. That would be "Exhibit 16".	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q. A. Q.	[WITNESS: Fromuth] have a commercial relationship with the Power Pool directly, and don't operate with any kind of a supplier middleman, including Saint Anselm's College, High Liner Foods, the Manchester Union Leader. Okay. And, do you provide services to them, managing their accounts? We do. We schedule and coordinate their power for them. Okay. Now, I just want to ask you about one of the other companies that you're CEO, PNE Energy Supplier. That's sort of a newcomer to the market, would you say? Yes. That's a competitive energy provider. And, you're testifying on behalf of PNE here today, is that right? That's correct. And, was PNE the first company to market to residential customers in New Hampshire? Indirectly, PNE was is a source of supply for an

23

24 A. Right.

Resident?

22

23

24

identification.)

{DE 11-216} [Day 2] {11-26-12}

anybody need a copy?

MR. RODIER: Okay. Thank you. Does

22 Q. Okay. So, and that's one of your companies as well,

	[WITNESS: Fromuth]		[WITNESS: Fromuth]
Q.	And, working, not exclusively, but working with PNE,	1	them back. And, it will frustrate, I think, almost ten
		2	years of marketplace advancement and increased
	-	3	sophistication to have, as the saying goes, the
A.	That's correct.	4	900-pound gorilla re-enter the market with an offering
Q.	Okay. Now, what I want to hmm, just trying to	5	price that will be, obviously, well below where they
	oh. The only other thing in a preliminary I want to	6	are right now, or where they will be after the first of
	ask you is are you active in NEPOOL and ISO-New	7	the year, according to their forecast. And, my concern
	England?	8	is that this will redirect folks away from the notion
A.	Yes.	9	that they should be, on the whole, migrating away from
Q.	And, what's your capacity with NEPOOL?	10	being dependent upon standard offer service or default
	CHAIRMAN IGNATIUS: Mr. Rodier, before	11	energy service. And, they retreat from essentially
y	ou go on, I'm a little concerned.	12	what's been public policy in New Hampshire for more
	MR. RODIER: Yes.	13	than a decade, through, I think, three gubernatorial
	CHAIRMAN IGNATIUS: As far as I can	14	terms, obviously, ten years of PUC rulings, and
te	ell, none of this is in the prefiled testimony. The	15	investment in this state, by not just my firm, but
w	hole point of prefiled is for everyone to have an	16	many, many others that have come into this state and
0	pportunity to review and ask discovery questions. It's	17	have built customer books that are substantial for one
in	teresting information, but, if it wasn't important	18	reason, and that's because the price advantage to
eı	nough to put in the prefiled, why are we going into it	19	customers for doing so has been evident.
n	ow?	20	My view is that Public Service is, in
	MR. RODIER: Well, madam Chairman, I	21	many respects, acting like a competitive energy
th	nink it is, on the top of Page 1, isn't it? It talks	22	provider by undertaking this rate class. And,
al	bout "MPEUs", talks about "Freedom Logistics", talks	23	throughout their testimony, they haven't shied away
al	bout how "Mr. Fromuth is Vice Chairman of NEPOOL, Chair	24	from the notion that the idea here is to lure customers
	{DE 11-216} [Day 2] {11-26-12}		{DE 11-216} [Day 2] {11-26-12}
	A. Q. tee wool in ell not the all	[WITNESS: Fromuth] Q. And, working, not exclusively, but working with PNE, they were the first to market with a residential offering in New Hampshire? A. That's correct. Q. Okay. Now, what I want to hmm, just trying to oh. The only other thing in a preliminary I want to ask you is are you active in NEPOOL and ISO-New England? A. Yes. Q. And, what's your capacity with NEPOOL? CHAIRMAN IGNATIUS: Mr. Rodier, before you go on, I'm a little concerned. MR. RODIER: Yes. CHAIRMAN IGNATIUS: As far as I can tell, none of this is in the prefiled testimony. The whole point of prefiled is for everyone to have an opportunity to review and ask discovery questions. It's interesting information, but, if it wasn't important enough to put in the prefiled, why are we going into it now? MR. RODIER: Well, madam Chairman, I think it is, on the top of Page 1, isn't it? It talks about "MPEUs", talks about "Freedom Logistics", talks about how "Mr. Fromuth is Vice Chairman of NEPOOL, Chair	[WITNESS: Fromuth] Q. And, working, not exclusively, but working with PNE, they were the first to market with a residential offering in New Hampshire? A. That's correct. Q. Okay. Now, what I want to hmm, just trying to oh. The only other thing in a preliminary I want to ask you is are you active in NEPOOL and ISO-New England? A. Yes. Q. And, what's your capacity with NEPOOL? CHAIRMAN IGNATIUS: Mr. Rodier, before 11 you go on, I'm a little concerned. MR. RODIER: Yes. CHAIRMAN IGNATIUS: As far as I can 14 tell, none of this is in the prefiled testimony. The whole point of prefiled is for everyone to have an 16 opportunity to review and ask discovery questions. It's 17 interesting information, but, if it wasn't important 18 enough to put in the prefiled, why are we going into it 19 now? MR. RODIER: Well, madam Chairman, I 21 think it is, on the top of Page 1, isn't it? It talks 22 about "MPEUs", talks about "Freedom Logistics", talks 23 about how "Mr. Fromuth is Vice Chairman of NEPOOL, Chair 24

	[WITNESS: Fromuth]		[WITNESS: Fromuth]
1	of the End User Sector." I'm just trying to establish his	1	back into the fold, so that they can so they can
2	refresh the Commission's mind, you know, his	2	gain revenue that would then be applied to the
3	credentials. And, I'm almost through. And, certainly, if	3	activities that they have described. That's all well
4	that's your wish, that we move on, we're going to move on.	4	and good, but it does completely causes a complete
5	CHAIRMAN IGNATIUS: Well, we need we	5	juxtaposition of what the role I thought the role
6	have.	6	was of the host utility, which is to be a prior of
7	MR. RODIER: Okay. I agree.	7	default service, and not to be and actively campaign to
8	CHAIRMAN IGNATIUS: not a lot of time	8	bring new business back to its supply.
9	left. And, we're to focus on the issues	9	MR. RODIER: That's all we have, madam
10	MR. RODIER: I agree.	10	Chairman. Are you through, Mr. Fromuth? Is that your
11	CHAIRMAN IGNATIUS: of his testimony	11	summary?
12	regarding ADE. So,	12	WITNESS FROMUTH: Yes, that is my
13	MR. RODIER: So, we'll do that.	13	summary.
14	CHAIRMAN IGNATIUS: Thank you.	14	MR. RODIER: Okay.
15	BY MR. RODIER:	15	CHAIRMAN IGNATIUS: Thank you.
16	Q. Mr. Fromuth, would you please summarize your testimony.	16	MR. RODIER: You're welcome.
17	A. My testimony focuses on the fact that the offering	17	CHAIRMAN IGNATIUS: I don't know if
18	before the Commission of Rate ADE is, in our view,	18	there was any discussion of order of witnesses I mean,
19	anti-competitive. It will injure the marketplace from	19	excuse me, order of cross. If not, I think we should
20	the standpoint of creating, not just confusion, but it	20	first take the non-settling parties, which really is RESA,
21	will create the perception and, obviously, which is	21	and then go to the settling parties. So, Ms. Miranda?
22	tied very much to the reality, that PSNH is seeking to	22	MS. MIRANDA: Thank you. Good
23	have customers return to the host utility, with an	23	afternoon, Mr. Fromuth.
24	offering price that's an inducement to do so to lure	24	WITNESS FROMUTH: Good afternoon.
	{DE 11-216} [Day 2] {11-26-12}		{DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Fromuth]			[WITNESS: Fromuth]	95
1		CROSS-EXAMINATION	1	A.	That's right.	
2	BY	MS. MIRANDA:	2	Q.	And, typically, when an introductory rate	e is provided.
3	Q.	Wouldn't you agree that, when customers have accurate	3		the customer is also told what the rate v	-
4		price signals, they can make better choices about their	4		the introductory rate expires, is that cor	
5		energy use and management?	5	A.	I'm sorry, could you repeat that.	
6	A.	Yes.	6	Q.	Assuming a customer takes an introduc	tory rate from a
7	Q.	And, the most accurate price signal that a customer can	7		competitive supplier, do they typically k	-
8		receive is the actual price they're paying for a	8		of the introductory period what their rate	
9		particular power at a particular time of day or month,	9		how that rate will be calculated?	
10		correct?	10	A.	Yes, they do.	
11	A.	Correct.	11	Q.	Thank you. When PSNH proposed its or	riginal Rate ADE,
12	Q.	And, PSNH is planning to base Rate ADE on a forecast of	12		that was rejected by the Commission. A	_
13		pricing for up to a year in advance, is that correct?	13		with that?	-
14	A.	That's my understanding.	14	A.	A bit.	
15	Q.	And, when customers have accurate price signals, can	15	Q.	And, in that, in that original proposal, th	ey proposed
16		they use those accurate price signals to make	16		to adjust rates two times per year, is tha	t correct, in
17		conservation decisions and energy efficiency decisions	17		January and July?	
18		about their power?	18	A.	That's my recollection.	
19	A.	Yes.	19	Q.	And, now, they're proposing only to adju	ust the rates
20	Q.	And, if the price during the month of August is	20		once per year, is that correct?	
21		artificially low, customers don't have a reason to	21	A.	That's right.	
22		conserve energy in August, for instance, is that	22		MS. MIRANDA: Thank	you. I have no
23		correct?	23	f	urther questions.	
24	A.	That's correct.	24		CHAIRMAN IGNATIUS:	Thank you. Mr.
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}	
		[WITNESS: Fromuth]			[WITNESS: Fromuth]	96
1	Q.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct?	1	F	[WITNESS: Fromuth] ossum.	96
1 2	Q. A.	[WITNESS: Fromuth]	1 2	F		
_		[WITNESS: Fromuth] You were here on the first day of the hearing, correct?			ossum.	
2	A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was.	2		ossum. MR. FOSSUM: Thank y MR. FOSSUM:	ou.
2 3	A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no	2 3	BY	ossum. MR. FOSSUM: Thank y MR. FOSSUM:	ou. tanding your
2 3	A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive	2 3 4	BY	ossum. MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst	rou. tanding your ur testimony
2 3 4 5	A. Q.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers?	2 3 4 5	BY	ossum. MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you	rou. tanding your ur testimony or of Freedom
2 3 4 5 6	A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did.	2 3 4 5	BY	ossum. MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo	rou. tanding your ur testimony or of Freedom
2 3 4 5 6 7	A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory	2 3 4 5 6 7	BY Q.	ossum. MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Director Logistics, and CEO of PNE", is that corr	rou. tanding your ur testimony or of Freedom rect?
2 3 4 5 6 7 8	A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required	2 3 4 5 6 7 8	BY Q.	ossum. MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo Logistics, and CEO of PNE", is that corr That's correct.	tanding your ur testimony or of Freedom rect?
2 3 4 5 6 7 8	A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance,	2 3 4 5 6 7 8 9	BY Q.	ossum. MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Director Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are	tanding your ur testimony or of Freedom eect? gistics had n with
2 3 4 5 6 7 8 9 10 11	A. Q. A. Q.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No.	2 3 4 5 6 7 8 9 10 11	BY Q.	MR. FOSSUM: Thank y MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of yor states that you're the "Managing Director Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes.	tanding your ur testimony or of Freedom ect? gistics had n with
2 3 4 5 6 7 8 9 10 11 12	A. Q. A. Q.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct?	2 3 4 5 6 7 8 9 10 11 12 13	BY Q. A. Q.	MR. FOSSUM: Thank y MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's question	tanding your ur testimony or of Freedom rect? gistics had n with aware of that?
2 3 4 5 6 7 8 9 10 11 12 13	A. Q. A. Q.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that	2 3 4 5 6 7 8 9 10 11 12 13	BY Q. A. Q.	MR. FOSSUM: Thank y MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf	tanding your ur testimony or of Freedom rect? gistics had n with aware of that?
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Q. A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that preface to their deal, right.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	BY Q. A. Q.	MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf is that correct?	tanding your ur testimony or of Freedom rect? gistics had n with aware of that?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Q. A. Q.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that preface to their deal, right. And, they're not required to determine how long they	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY Q. A. Q. A.	MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Director Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf is that correct? That's right.	tanding your ur testimony or of Freedom rect? gistics had n with a ware of that? on, you of PNE today,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q. A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that preface to their deal, right. And, they're not required to determine how long they were on a particular rate from PSNH, for instance,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BY Q. A. Q.	MR. FOSSUM: Thank y MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of yor states that you're the "Managing Director Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf is that correct? That's right. So, as the Managing Director of Freedor	tanding your ur testimony or of Freedom rect? gistics had n with aware of that? on, you of PNE today,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q. A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that preface to their deal, right. And, they're not required to determine how long they were on a particular rate from PSNH, for instance, before being eligible for an introductory rate, is that	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q. A. Q.	MR. FOSSUM: Thank y MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf is that correct? That's right. So, as the Managing Director of Freedor you have authority to speak for that enti	tanding your ur testimony or of Freedom rect? gistics had n with aware of that? on, you of PNE today,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q. A. Q. Q.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that preface to their deal, right. And, they're not required to determine how long they were on a particular rate from PSNH, for instance, before being eligible for an introductory rate, is that correct?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY Q. A. Q. A. Q. A. A.	MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf is that correct? That's right. So, as the Managing Director of Freedor you have authority to speak for that enti Yes, I do.	tanding your ur testimony or of Freedom rect? gistics had n with aware of that? on, you of PNE today, m Logistics, do
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Q. A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that preface to their deal, right. And, they're not required to determine how long they were on a particular rate from PSNH, for instance, before being eligible for an introductory rate, is that correct? That is correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	BY Q. A. Q. A. Q. A. Q.	MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf is that correct? That's right. So, as the Managing Director of Freedor you have authority to speak for that enti Yes, I do. Does Freedom have a position that's dif	tanding your ur testimony or of Freedom rect? gistics had n with aware of that? on, you of PNE today, m Logistics, do
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. A. Q. Q.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that preface to their deal, right. And, they're not required to determine how long they were on a particular rate from PSNH, for instance, before being eligible for an introductory rate, is that correct? That is correct. And, they're not typically required to understand how	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. A. Q. A. Q. A. Q.	MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of yor states that you're the "Managing Director Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf is that correct? That's right. So, as the Managing Director of Freedor you have authority to speak for that enti Yes, I do. Does Freedom have a position that's dif No.	tanding your ur testimony or of Freedom ect? gistics had n with e aware of that? on, you of PNE today, m Logistics, do ity? ferent from PNE?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Q. A. Q. A.	[WITNESS: Fromuth] You were here on the first day of the hearing, correct? I was. And, did you hear PSNH testify that Rate ADE is no different than introductory rates from competitive suppliers? I believe I did. And, when a customer is considering an introductory rate from a competitive supplier, they aren't required to typically aren't required to be on, for instance, Rate DE from PSNH for some period of time, is that correct? No. That's not correct? You are correct. They are not required to have that preface to their deal, right. And, they're not required to determine how long they were on a particular rate from PSNH, for instance, before being eligible for an introductory rate, is that correct? That is correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	BY Q. A. Q. A. Q. A. Q.	MR. FOSSUM: Thank y MR. FOSSUM: Mr. Fromuth, I'd like to begin by underst role exactly. Your the first page of you states that you're the "Managing Directo Logistics, and CEO of PNE", is that corr That's correct. And, earlier in this docket, Freedom Log petitioned to intervene as a joint petition Halifax American Energy Company. Are I believe so, yes. And, in response to Mr. Rodier's questic testified that you're here only on behalf is that correct? That's right. So, as the Managing Director of Freedor you have authority to speak for that enti Yes, I do. Does Freedom have a position that's dif	tanding your ur testimony or of Freedom rect? gistics had n with aware of that? on, you of PNE today, m Logistics, do ity? ferent from PNE?

24

would be the same as PNE would have taken had PNE been

{DE 11-216} [Day 2] {11-26-12}

24

competitive supplier, is that correct?

		[WITNESS: Fromuth]			[WITNESS: Fromuth]	99
1		the entity asserting those positions?	1		five six, the seventh line down in the v	version that
2	Α.	Correct.	2		I've handed to you, does that read that	
3	Q.	And, would the same also be the case for Halifax	3		customer choice and the development	
4		American Energy Company?	4		markets for wholesale and retail are ke	-
5	A.	Yes.	5		restructured industry"? Does it begin	-
6	Q.	Thank you. Do you have a copy of your testimony with	6		phrase?	with that
7	Q.		7		It does.	
8		you? I do.	8	Α.		waa than with tha
	Α.			Q.	So, you would agree then do you ag	
9	Q.	Would you turn to the bottom of Page 2 of your	9		statute do you agree with the statem	
10		testimony please. Now, in the paragraph at the bottom	10		"increased customer choice is a key e	lement in the
11		numbered "1", your testimony states: "The purpose of	11		restructured industry"?	
12		RSA 374-F is to "harness the power of competitive	12	A.	I would. And, this is the same statute,	
13	_	markets"." Did I read that accurately?	13		that also prescribed for the divestiture	
14	Α.	Yes, you did.	14		PSNH's generating assets, which, as w	
15	Q.	And, you have a footnote there that attributes that	15		not yet transpired. So, there's a numb	•
16		quotation to "RSA 374-F:1, I". Is that also correct?	16		the statute that are relevant today, and	I some that were
17	A.	I believe that yes. That's right, yes.	17		not fulfilled.	
18	Q.	Isn't it true that RSA 374-F:1, I, actually begins by	18	Q.	Yes, I understand. I was just asking w	-
19		stating "The most compelling reason to restructure the	19		agreed that "increased customer choice	ce is", as the
20		New Hampshire electric utility industry is to reduce	20		statute says, "a key element of a restru	uctured
21		costs for all consumers of electricity"?	21		industry"?	
22	A.	Well, I don't have the cite here, so I can't react to	22	A.	It does say that.	
23		that.	23	Q.	Thank you. Returning to your testimo	ny, near the
24	Q.	I'm happy to provide you with a copy of the statute, if	24		bottom of Page 3, you state that Rate	ADE is a
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}	
		98			DAUTHECO: Farmanthi	100
4		[WITNESS: Fromuth]			[WITNESS: Fromuth]	very one that?
1		you'd like to read it?	1		"discounted default service rate", do y	
2	A.	Sure. MR. FOSSUM: May I approach?	3	111	MR. RODIER: I think ttle more specific, madam Chairman. Ev	=
4		CHAIRMAN IGNATIUS: Please.	4		ttle trouble finding it.	en i in naving a
-			5	"	CHAIRMAN IGNATIUS:	Voc I haven't
5 6		(Atty. Fossum handing book to the witness.)	6	f,	ound it either.	res. I llavell t
7	ΒV	MR. FOSSUM:	7		MR. FOSSUM: I apole	ngiza There's no
8	Q.	So, I would restate my question. Does RSA 374-F:1, I,	8	li	ne numbers, so yes. The very last line	·
9	w.	actually begin with the phrase "The most compelling	9		ext on Page 3.	in the main
10		reason to restructure the New Hampshire electric	10		CMSR. HARRINGTON:	le this under "A
11		utility industry is to reduce costs for all consumers	11	le	ssues with respect to RSA 374-F"?	is this under A.
12		of electricity"?	12		MR. FOSSUM: Yes.	So, directly above
13	A.	It does.	13	w	here the footnotes begin, the very last li	,
14	Q.	Thank you. So, would you agree that the actual purpose	14		wo lines state about "the design of Rate	
15	٠.	of RSA Chapter 374-F is to reduce costs for all	15		s proposinga discounted default service	,
16		consumers of electricity?	16		ast line there.	, , , , , , , , , , , , , , , , , , , ,
17	A.	Well, it certainly is one of the stated purposes, yes.	17		THE WITNESS:	
18	Q.	Now, if the Commission were to approve Rate ADE, would	18	Α.	Well, the line that I am reading from he	ere, which I
19	~.	any customer be forced to take Rate ADE?	19	-	think is geographically where you are,	
20	A.	No.	20		design of Rate ADE PSNH is proposing	-
21	Q.	Would Rate ADE provide another option to customers for	21		role of a competitive supplier by mean	
22	-	their consideration?	22		discounted default service rate targete	<u> </u>
23	A.	It would.	23		who have migrated to competitive sup	
24	Q.	Now, in RSA 374-F:1, I, about one, two, three, four,	24		where you are?	
			1			

{DE 11-216} [Day 2] {11-26-12}

		404	400
		[WITNESS: Fromuth]	[WITNESS: Fromuth]
1	Q.	Yes. And, it was the characterization of "a discounted	1 CHAIRMAN IGNATIUS: I think it's a
2		default service rate". Now, as we've read, the very	2 question of what the "aren't" was qualifying.
3		first words of RSA 374-F indicate that "the most	3 MR. RODIER: Oh. I'm sorry.
4		compelling reason to restructure the industry is to	4 CHAIRMAN IGNATIUS: But why don't you go
5		reduce all costs." So, wouldn't a rate reducing costs	5 ahead and rephrase the question Mr. Fossum.
6		meet that compelling reason?	6 BY MR. FOSSUM:
7	A.	The marketplace that is anticipated by the	7 Q. In your testimony, it seems to state that "actual costs
8		restructuring statute is one in which the players in	8 are booked costs", and that "Rate DE is based on booked
9		the marketplace were to be competitive providers, and	9 costs", which are actual costs, but that there is
10		that the PSNH's role would sunset as a supplier. That	10 another cost, marginal costs, that are not permitted to
11		was the idea 10 or 12 years ago, and here is where we	11 be included under the term "actual" costs. Is that
12		are today. We're talking about re-entering Public	12 correct?
13		Service into the marketplace with a newer rate, a lower	13 A. The marginal cost is a cost that is not included under
14		rate as of today, and it takes on all the appearances	14 the booked costs, that's right.
15		of a competitive energy provider.	15 Q. So, I guess to phrase it very simply, is marginal cost
16	Q.	Okay. Thank you. On the next page of your testimony,	16 an actual cost?
17	۳.	on Page 4, there's a section of your testimony, letter	17 MR. RODIER: That question has been
18		"A" there, and there is, in the third paragraph under	18 answered at least twice already.
19		letter "A", your testimony states: "There cannot be	19 CHAIRMAN IGNATIUS: No, I'd like to hear
20		two very different definitions under RSA 369-B for the	20 the answer.
21		term "actual costs"; one based on booked costs", and	21 MR. RODIER: Okay.
22			
		then, in parentheses, "(Rated DE), and then the other	1
23		based upon estimated marginal costs", and then, in	23 again?
24		parentheses, "(Rate ADE)." Did I read that accurately? {DE 11-216} [Day 2] {11-26-12}	24 BY MR. FOSSUM: {DE 11-216} [Day 2] {11-26-12}
		[WITNESS: Fromuth]	[WITNESS: Fromuth]
1	A.	You did.	1 Q. Are marginal costs an actual cost?
2	Q.	Is it your testimony that marginal cost is not an	2 A. Marginal costs are an actual cost, certainly.
3		actual cost?	3 Q. Thank you.
4	A.	No.	4 A. They're incurred costs.
5	Q.	In the very next sentence of your testimony, it reads	5 Q. Turning to Page 5 of your testimony, in the third
6		"An "actual" cost is a booked cost as utilized in the	6 paragraph under section, the V, "Summary and
7		calculation of Rate DE for over ten years." Did I read	7 Conclusion". That third paragraph states: "Moreover,
8		that accurately?	8 the PUC does not appear to have any authority to
9	A.	You did.	9 implement a default service option to encourage
10	Q.	So, does your testimony say that "an actual cost is a	10 long-term use of default service." Is that correct?
11		booked cost"? Is that an accurate characterization of	11 A. That's what it says, yes.
12		your testimony there?	12 Q. Now, do you still have the statute book in front of
13	A.	That is what is said, yes.	13 you?
14	Q.	So, is it your testimony then that marginal costs are	14 A. I do.
15	- *-	not actual costs?	15 Q. Could you turn to RSA 374-F:3, V, please. And, more
16	A.	No, it is not.	16 specifically, to subpart (d), 80 percent of the way
17	Q.	Then, perhaps you could help me understand why your	17 down the page. Now, that section reads: "The
• • •	٠.,	, permape you could note the understand with your	down the page. How, that deciden feduci. The
12		testimony states that "actual cost is a booked cost"	18 commission should establish transition and default
18 19		testimony states that "actual cost is a booked cost" and that marginal costs are not. That I don't could	18 commission should establish transition and default 19 service appropriate to the particular circumstances of

20

21

22

23

24

accurately?

You did.

20

21

22

23

24

aren't?"

you explain that apparent inconsistency?

{DE 11-216} [Day 2] {11-26-12}

mischaracterizes his testimony. He says "actual costs

are". He's saying -- the question was "tell me why they

MR. RODIER: Excuse me. That

each jurisdictional utility." Did I read that

{DE 11-216} [Day 2] {11-26-12}

So, the Commission has the -- would you agree that the

Commission has the authority to establish default

107 [WITNESS: Fromuth] [WITNESS: Fromuth] service appropriate to the particular circumstances of 1 isn't your characterization of PSNH's belief, in fact, 1 PSNH? 2 accurate, and not erroneous? 2 3 Well, I think that PSNH's belief is erroneous, because 3 A. It would certainly make reference to that here, yes. Thank you. And, I apologize. Going back a couple of 4 I view their position is based upon a sense of what the Q. 5 market is -- is or is not offering. And, their view of pages in your testimony, and I apologize, to Page 3. 6 At the very top of the page, the paragraph numbered 6 the market behavior, with respect to what will happen 7 "2". The testimony states that "By law, Default as a consequence of introduction of ADE, that is 7 8 Service means electricity supply that is available to 8 erroneous. And, they're portraying this as being a 9 retail customers who are otherwise without an 9 choice that does not exist currently. And, my argument electricity supplier." Did I read that accurately? 10 is that it very much does exist currently. 10 11 Yes. 11 Could you point me to where that is spelled out in your A. 12 Q. To the best of your knowledge, does the law provide any 12 testimony? reason for a customer to be "otherwise without a Well, I think it's spelled out throughout my testimony, 13 13 A. supplier"? 14 but I'm opining on it right now. I'm not citing a 14 Does the law provide any what? 15 particular statement in the testimony. I'm simply 15 16 Q. Any reason for a customer to be "otherwise without a 16 elaborating on what I already said in writing. supplier"? 17 In your direct, you testified that you believe "Rate 17 I'm not sure I understand what your question is. 18 ADE would be anti-competitive", is that accurate? 18 A. 19 Q. Well, could you turn please to RSA 374-F:2, Paragraph 19 A. 20 I-a, under "Definitions". There it defines "Default 20 Q. If a new competitor, a new competitive supplier entered 21 Service" to mean "electricity supply that is available 21 the market tomorrow, say, with prices set exactly at the same level as PSNH's, would that be harmful to to retail customers who are otherwise without an 22 22 23 electricity supplier and are ineligible for transition 23 competition? 24 service." Is there anything in there that asks why a 24 A. {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

						-
		[WITNESS: Fromuth]			[WITNESS: Fromuth]	
1		customer is "otherwise without an electricity	1	Q.	If that new competitor offered prices below those	
2		supplier"?	2		offered by PSNH, would that be harmful to competition	n?
3	A.	In other words, the circumstances of why they don't	3	A.	No.	
4		have one is not explored, is that what your point is?	4	Q.	So, in your opinion, it's only because it's PSNH making	ng
5	Q.	Yes. That's what I'm asking.	5		this offering that is harmful to competition?	
6	A.	Right. That's what that doesn't address that, no.	6	A.	Well, what goes into making a rate offer, a price offer	
7	Q.	So, is it possible that a customer could be without a	7		by a competitive supplier, is not just merely the	
8		supplier for pretty much any reason?	8		construct of that rate. That rate has to be arrived at	
9	A.	Yes. There are all sorts of reasons.	9		through careful calculations of what the costs are that	at
10	Q.	Could it be that the customer doesn't want a supplier?	10		go into the rate. Not just the energy, but all the	
11	A.	It could very well be that, yes.	11		other aspects of it. Plus, to offer the rate and to	
12	Q.	Could it be that a customer, for example, might have	12		promote it, a competitive provider has to spend a gre	at
13		poor credit, and that no supplier would be willing to	13		deal of resources to broadcast that rate offering and	
14		offer service to them?	14		has to put it out in the marketplace. So, all of those	
15	A.	True.	15		add up to a war chest that a competitive provider mu	st
16	Q.	Now, back to your testimony on Page 3, in the first	16		have to essentially offer successfully offer a rate	
17		paragraph under "A", the second to last sentence, it	17		inducement to the market and get people to enroll.	
18		reads: "PSNH erroneously believes that default service	18		In the case of PSNH, I think we've hea	ard
19		is for any customers who, for whatever reason, elect	19		here today, on the first day, that there really isn't	
20		not to have a competitive supplier supply their	20		any value that's been assigned to the marketing budg	jet
21		energy." Did I read that accurately?	21		of PSNH, which we know is immense from past	
22	A.	You did.	22		disclosures. And, in the case with my company, whe	rea
23	Q.	So, because since a customer, as we've just	23		sometimes we spend as much as \$10,000 a month on	1
24		discussed, could be without a supplier for any reason,	24		marketing and putting information out into the media	١,
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}	

		[WITNESS: Fromuth]			[WITNESS: Fromuth]
1		we could find ourselves having to double down or triple	1		objective. So, that's an unfair advantage posed by
2		down or spend enormous sums just to keep up with the	2		PSNH's entry into this market with this rate.
3		fact that PSNH, which, as you know, has very, very	3	Q.	-
4		expansive resources, would be able to spend	4		First, you said that other companies entering have a
5	Q.	Mr. Fromuth, I	5		profit motive and a desire to return money to
6	A.	at a much higher rate than we could.	6		shareholders that PSNH does not have. Is that an
7	Q.	I apologize for interrupting. I asked a relatively	7		accurate summary of what you at least one portion of
8		simple, straightforward question. Is your belief that	8		what you said?
9		this is "anti-competitive", is that based upon the fact	9	A.	Yes. Because I was comparing the offering, if it was
10		that it's being offered by PSNH?	10		coming from a private company, as you pointed out,
11	A.	Based upon the fact that it's being offered by a	11		versus PSNH. So, in that isolated instance, that is a
12		company with a very, very large deep pocket, and the	12		very, very great advantage for PSNH and a disadvantage
13		ability to go and market a product that may not be	13		for the private actor.
14		successful financially, but may have other objectives.	14	Q.	Would a "private actor", as you describe it, with
15	Q.	So, is the answer "yes"?	15		substantial funding from some source, coming into New
16	A.	Yes, it is.	16		Hampshire and offering prices at or below what PSNH is
17	Q.	So, is it your testimony then that the relative	17		offering, would that be anti-competitive?
18		financial strength of the competitor has something to	18	A.	No. That's the case today with many companies.
19		do with whether they have a competitive offering? Or	19		MR. FOSSUM: Thank you. I have nothing
20		that whether their competitive offering would be	20	fu	urther.
21		anti-competitive, I'm sorry?	21		CHAIRMAN IGNATIUS: Thank you.
22	A.	Well, let's be clear. The offering that's being	22	M	ls. Chamberlin, questions?
23		proposed by PSNH has a cost basis to it, which they,	23		MS. CHAMBERLIN: I have no questions.
24		obviously, detailed for us, plus it has a marginal	24		CHAIRMAN IGNATIUS: Ms. Amidon?
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}
		[WITNESS: Fromuth]			[WITNESS: Fromuth]

		[WITNESS: Fromuth]			[WITNESS: Fromuth]
1		element that's going to be fully allocated to the	1		MS. AMIDON: We have nothing.
2		operation or the retirement of the Scrubber costs.	2		CHAIRMAN IGNATIUS: All right.
3		In a competitive market environment,	3		Questions from the Commissioners? Commissioner
4		while we don't have to worry about Scrubber costs, we	4		Harrington.
5		have to worry about profit margin, we have to worry	5		CMSR. HARRINGTON: Yes. I've got a few
6		about cost of capital, we have to worry about labor, we	6		questions.
7		have to worry about the O&A of operating a business.	7	E	BY CMSR. HARRINGTON:
8		So, all of those things must go into the cost of our	8	C	Q. On I'm not quite as organized, so, I'll be jumping
9		recovery in a price, none of which have I heard is a	9		around your testimony a little bit more. On Page 4, in
10		consideration for Public Service. Plus, we have to	10		the middle of the page, there was a lot of discussion
11		have a profit margin to return to our investors; also	11		of actual costs versus booked costs and so forth. And,
12		not a concern of Public Service.	12		I had read this slightly different, I guess. I thought
13	Q.	Okay. I was merely asking a follow-up on your prior	13		what you were implying here is that, in the case of the
14		testimony that you gave just a few minutes ago, having	14		DE rate, that it was based on the actual booked costs
15		to do with the relatively financial strength of a	15		versus the estimated marginal costs for the ADE rate.
16		company. And, I understood your testimony to be that,	16		And, that the major difference was one was an actual
17		because PSNH has, as you put it, I believe, "deep	17		and one was an estimated cost, is that correct?
18		pockets", that is a problem that may be	18	A	A. Yes. That's a much better flowing characterization
19		anti-competitive. Is that accurate?	19		than I had in there.
20	A.	Well, it's also it's also the equivalent of, say, an	20	C	Q. Okay. I just wanted to make sure on that. And, going
21		entity coming in that does not have a profit objective,	21		along that paragraph a little lower, it says:
22		but merely a market share objective or a cost recovery	22		"Moreover, PSNH's proposed calculation of Rate ADE
23		objective, coming into the market, and competing with	23		admittedly does not contain any costs for marketing,
24		other companies. Every other company has a profit	24		outreach", etcetera, etcetera. And, so, again, if I'm
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}

115 [WITNESS: Fromuth] [WITNESS: Fromuth] "Introduction", you quote from a PUC docket. And, on reading this correctly, what you're saying is, because 1 1 2 the third line it says -- it talks about "residential 2 the administration, promotional materials, marketing, 3 and smaller commercial customers who have little choice 3 etcetera, are not in the ADE rate, then that rate cannot be an actual cost, because it's missing some 4 but to remain on Energy Service even as market price 5 fluctuations above and below Energy Service rates." actual costs? 6 A. That's correct. 6 Would you say that that statement is no longer true Oh. Well, while we're on that particular page, 7 Q. then? That there are choices? 7 8 something that I thought was -- right at the beginning 8 Α. I'm looking here for -- to look at your cite. 9 9 of Paragraph A, the first paragraph -- under "A", I Q. Yes. But it's --10 should say, it says concluding "moreover, PSNH must Right. And, the choice is much more expansive now than 10 11 supply all default service Rates DE and ADE in the 11 when first written. 12 first instance from its own generation assets." Can 12 Q. Okay. And, there was a lot of discussion on what meant 13 you elaborate on that statement? What does the "first 13 competition, what was good for competition and what 14 instance" mean? Is it before buying power someplace 14 wasn't. And, there was talk about, if an entity was --15 15 had deep pockets or a lot of financial resources, would 16 A. Well, before resorting to market purchases, they first 16 that be good or bad for how they -- whether they were 17 draw down all available power from their own 17 considered competitive or not. And, you seem to be 18 saying that Public Service is not competitive as, let's 18 generation 19 Q. So, I'm trying to get this straight. So, if the cost 19 say, some other independent non-public utility that 20 of running, say, the Merrimack plant is higher than the 20 came in to sell electricity in New Hampshire, because 21 real-time price for buying power in the ISO market, 21 of their -- and this is the part I'm trying to get, is 22 they run the plant nonetheless, rather than buying it 22 it because of their rate structure? Or, is it because 23 cheaper? 23 they're a public utility that has -- you know, is a 24 Well, Commissioner, I'm not aware of what the practices 24 cost of service basis, as compared to another company {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

		[WITNESS: Fromuth]			[WITNESS: Fromuth]
1		are on a daily basis by PSNH. But it's my, on my	1		that doesn't have that?
2		information and belief, that they generally operate the	2	A.	Well, first of all, the disadvantage that I posed was
3		power plants when there is, obviously, both regulatory	3		one where, certainly, there are companies here in the
4		and economic financial reasons for doing so. In the	4		state who probably have the financial wherewithal and
5		scenario that you pose, I actually don't know what	5		the strength of Public Service just on a value
6		would be the internal policy.	6		measurement. The problem I have with is the other end
7	Q.	Okay. Fair enough. Thank you. Looking at 374-F:2,	7		of that transaction. Which is that those companies are
8		and it talks about ""default service" means electricity	8		here for one reason only, and that is that they see an
9		supply that is available to retail customers who are	9		opportunity to make a profit in serving this market.
10		otherwise without an electricity supplier and are	10		Without that opportunity, of course, they would
11		ineligible for transition service." Do you agree with	11		redirect their efforts elsewhere.
12		Mr. Mullen, that there is nobody in New Hampshire that	12		The question on the table, though, is
13		is otherwise without an opportunity to at least select	13		"does Public Service have that same motivation?" And,
14		an electric supplier now?	14		I'm submitting that they don't. And that, without a
15	A.	The abundance of providers out there means that there	15		profit motivation, without a return on that
16		is virtually a provider for everybody. And, if	16		transaction, that goes into the profit bucket, then
17		somebody in his example, and now that I've had it to	17		that is a that basically is a well, it submarines
18		think about it, was had less than desirable credit,	18		the market, because what it does is it puts into the
19		then there would probably be an arrangement that could	19		marketplace a player of significant financial strength,
20		be made to satisfy the credit concerns of the provider,	20		that has the wherewithal to do these transactions, but
21		to enable that customer to participate in a non-PSNH	21		whose objectives are not to make a profit, but to
22		source of energy.	22		retire the cost of an investment that has caused them
23	Q.	Okay. And, kind of going along with this availability	23		to look for other ways to do so, other than the
24		of options, on Page 1 of your testimony, under	24		traditional mechanism. So, that is a much different
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}

114

116

117 119 [WITNESS: Fromuth] [WITNESS: Fromuth] have a very, very good handle on how some of the 1 set of motivations. It's almost a public policy 1 2 non-energy costs are priced by Public Service. We know 2 motivation, not a private market motivation. And, that 3 what they are, because we have independent sources. 3 makes for a very, very screwed up marketplace. Q. And, you said in the beginning of your testimony here, 4 But, Public Service, for instance, will price capacity 4 5 charges to a particular end-user at a rate that's much 5 sort of like a mini-resumé, you've been involved in 6 competitive power supply for sometime, and in a number 6 different than what we think that capacity charge ought of states. That's correct? 7 7 to be. So, we have some -- we feel we have a 8 A. Yes, sir. 8 disadvantage there, because PSNH can have capacity 9 Q. Okay. Now, we've also discussed previously that the 9 charges associated with a single account, that is less proposed ADE rate would be approximately seven cents a 10 than what we would price that capacity charge at, then 10 11 kilowatt-hour. What will -- if that rate were to be 11 there is another source of pricing disadvantage for us 12 out there and were available to people, what effect 12 that would become much more striking under this 13 would that have on competitive suppliers in New 13 scenario. 14 Hampshire? 14 So, you -- I guess it sounds like you're saying their Well, we have looked at this. And, we think that the 15 method of coming up with this marginal cost to provide 15 16 competitive marketplace would have, as a result, 16 full requirements, plus an adder, is on a completely 17 pressures that would cause other marketers, whose rates 17 different basis than a competitive supplier would be are higher than seven cents, obviously, to have to go 18 doing it? 18 19 and calibrate themselves against that benchmark rate. 19 It very well could be. 20 Now, that in and of itself is a calculation that each 20 CMSR. HARRINGTON: Okay. All right. 21 one of these marketers must do on their own. The 21 Thank you. That's all the questions I have. CHAIRMAN IGNATIUS: Thank you problem with the whole structure of the rate is that, 22 22 23 in every case, the private competitive energy providers 23 Commissioner Scott. 24 will be factoring in a profit margin of some value to 24 CMSR. SCOTT: Good afternoon. {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

		[[]
1		compete with the random seven cents that we're talking	1		WITNESS FROMUTH: Good afternoon.
2		about. That is not a factor that goes into PSNH's	2	BY	CMSR. SCOTT:
3		equation. So, therefore, at the beginning of the day,	3	Q.	Okay. I'm going to re-ask, I think, something you've
4		when the number is set, everybody has to have a rate	4		already answered, I apologize, from Commissioner
5		that's below PSNH, but it does include a profit margin.	5		Harrington, but just a clarification. So, if the ADE
6		And, since the rate has been said to have been	6		is implemented, and, again, we've been talking about
7		benchmarked against what the forward price curve is in	7		seven cents, is your is it correct, effectively, you
8		the marketplace, it's hard for me to see how, over	8		were suggesting that the competitive electric suppliers
9		time, competitive energy providers could successfully	9		would then adjust their prices to accommodate that
10		and continually realize a margin, if continually	10		price?
11		pressed to price against PSNH's value of what the	11	A.	Well, with Rate ADE going into force at that level,
12		forward market is telling them.	12		then your price levels, of course, with competitive
13	Q.	And, the costs that that the ADE is made up of is	13		providers would have to respond to that and to maintain
14		the marginal going-forward cost, I think was the term,	14		some pricing advantage to their either their
15		marginal cost to provide full requirements of service,	15		incumbent customers or future customers, because,
16		plus an adder. Now, is that marginal cost to provide	16		without a pricing advantage, there really isn't any
17		full requirements, is that basically the same cost that	17		relevance in the marketplace for competitive providers.
18		competitive suppliers could go out and buy electricity	18	Q.	Thank you. And, do you agree that the availability of
19		for?	19		an ADE, lower than the DE, could create a windfall for
20	A.	Well, that is a question that I don't have the answer	20		the competitive electric providers? Is that a
21		to, Commissioner. Because, in our business, we	21		potential scenario, at least in the short term?
22		obviously have a assert the same look, forward look	22	A.	I think the windfall scenario is one in which people
23		at prices in the energy market that everybody else in	23		flock to competitive providers, so they can put in
24		the trade does. But what we don't have is we don't	24		their time to become eligible for the ADE. I'm not a
		{DE 11-216} [Day 2] {11-26-12}			{DE 11-216} [Day 2] {11-26-12}

118

[WITNESS: Fromuth]

120

[WITNESS: Fromuth]

121 [WITNESS: Fromuth] really big believer in that. I think that that all 1 2 depends upon how well publicized the ADE rate is by 3 Public Service. That's a concern that I've got. Because, if they're going to put it forward, they need to do, obviously, something to get the word out. And, 6 that could consist of a major media campaign, it could consist of sending out their flock of key account reps 7 8 to pedal it to their markets. It's very, very 9 ambiguous right now, because they have not assigned any 10 value to it, nor have they said what their plan is. 11 But any time you're coming into this market, whether 12 you're a brand new entrant, or you're one that's been around for a while, you have to put a lot of resources 13 14 into promoting your product, and making sure that there's an distinction understood by the marketplace as 15 16 to what you're offering. So, if PSNH is going to break 17 new ground here, which, of course, they are, then 18 they're going to have to make sure that it is well 19 publicized that they're doing so. And, that is a --20 and the effect of that will be it's hard to measure 21 today, until we know what the scale that's going to be. Thank you. If, in the scenario that, again, the ADE is 22 Q. in effect, and, as a competitive supplier, you start to 23 24 lose customers to that Alternative Default Service, is {DE 11-216} [Day 2] {11-26-12}

presumably, they would wait till their contracts lapsed, and then they would have to have the information that this was a choice. The fact that it's a choice may not be provided to them by their competitive provider, for obvious reasons. So, there would have to be some sort of an advisement given them by PSNH that this was going to take place. PSNH, to my knowledge, has no information, independent information as to what the duration of independent customer contracts are. So, they would have to do a random notification on an ongoing basis to do this to make folks aware of it. I think that, so, it would take some time, a considerable amount of time for this to come home to roost, because then you have a delay, in terms of how this information is filed, accumulated, and reported. And, the impact over time certainly could be seen in a way that perhaps your migration reports now reveal what's going on with more specificity. But I think that my concern is that, by the time that information reached this body, some serious damage could be done, and the market could be -- the market could be distorted by, frankly, artificially low prices. Is the -- is 36 months enough time to see that result,

[WITNESS: Fromuth]

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1

17

18

19

20

21

22

23

24

[WITNESS: Fromuth]

2

3

5

6

7

8

9

11

21

24

there anything that would prevent you from implementing

a similar program, for somebody who was a PNE customer,

122

and they wish to come back, they get a lower rate. Is that a possibility or does that make sense? A. Well, it does make sense. But my problem would be that I would -- I have to clear all my costs, then I would also have to clear some sort of a margin to justify the offering. And, in that respect, I'm not competing on a level playing field with PSNH. Thank you. You may recall, when Mr. Mullen was here, I 10 Q. was asking him some questions regarding the annual review. And, maybe you could help me out. One of the 12 13 things, assuming we went down this road, is we would 14 want to be looking at anti-competitive impacts of ADE. 15 Do you have any suggestions on, if we went down that --16 if we were to do that, how would we measure that? How 17 would we know that's happening? Are there some metrics 18 we could use? 19 Well, I think that, from an absolute numerical Α. 20 standpoint, it would be important to quantify both the number of customers and their size that had undertaken 22 this migration back to ADE from a competitive supplier. 23 Most customers who are engaged in a competitive

supplier relationship are under contract. So,

{DE 11-216} [Day 2] {11-26-12}

[WITNESS: Fromuth]

that negative result?

{DE 11-216} [Day 2] {11-26-12}

124

2 A. Well, I think 36 months is plenty of time to see that 3 result. But it's also probably enough time to have 4 some harm done to the competitive market that can't be 5 reversed. What I'm focusing on, basically, is that the 6 market has matured and has come a long way in ten 7 years, with basically the helping hand of public 8 policy, which has not reversed itself. This would be a 9 situation in which it would be -- created a great amount of uncertainty, because then private consumers 10 11 of electricity would always be of the mind that, rather 12 than being told to migrate away from Public Service, 13 which was what the initial intention was, I thought. 14 They're being induced to come back. And, obviously, 15 there being induced to come back with the Commission 16 blessing that action.

> So, I think it creates a very, very distorted and confused marketplace, where, to date. we've had a single-minded marketplace directionally, in the direction of more competition, welcoming more entrants into the market. And, I think that one thing that could possibly happen would be that marketers, if they weren't successful and saw a lot of migration, might pick up and leave and go elsewhere where this {DE 11-216} [Day 2] {11-26-12}

125 127 [WITNESS: Fromuth] [WITNESS: Fromuth] Well, my experience in a number of other states is that 1 A. 1 wasn't going on. 2 there is a trajectory that the other states are on, to 2 CMSR. SCOTT: Thank you. That's it. 3 3 CHAIRMAN IGNATIUS: Thank you. a large degree. In which there is a point in the **BY CHAIRMAN IGNATIUS:** 4 future, at some point, the hope is that there will be a 5 5 Q. Mr. Fromuth, you've a couple of times referred to the end to the process of floating a standard offer. And, 6 difference between companies like yours and PSNH, that 6 that all customers will eventually find a competitive 7 7 provider for whom then we'll will supply their energy. you had investors, you had people you had to answer to, 8 regarding profit for their investment. But PSNH also 8 That, obviously, has a model that harkens back to 15, 9 has shareholders, does it not? 9 20, 25 years ago with telecom. And that, of course, 10 10 Α. True. was something that you had to hasten on us, I say 11 Q. So, is the difference, in your mind, that some of the 11 "you", I mean the Commission, had to hasten in many 12 other costs of PSNH's operations are being picked up 12 states because they had to go and sort of set up a -through the standard Default Service rate, and that 13 sort of a forced exit, if you will, from the host 13 14 dropping some of those costs out of the ADA rate -- ADE 14 utility. And, when folks didn't respond to that, then rate -- you've got me doing it now -- the ADE rate is they were simply migrated over to random suppliers, who 15 15 16 what's unfair? 16 were -- obviously, met a certain standard in the state. 17 17 And, they took them on. And, at the same time as Well, my simple understanding of this, and I'm A. 18 taking them on, they were, in some measure, guaranteed 18 certainly open to being clarified, is that there is no 19 revenue that would be forthcoming from the ADE rate 19 that the poor credit folks would pay their bills for a 20 that would be to the benefit of stockholders. So, it's 20 period of time. That is not a bad example, in my view, 21 essentially a -- hard-wired to simply be a recovery of 21 to what could be applied here. Now that we've got costs that have been already expended. And, if there's 22 companies out there that are proving themselves, the 22 23 an effort to try and find a way to bring those costs 23 concept is no longer innovative or new. It's in place, 24 back in to recover the spend on the Scrubber. 24 and it's operating, I think, in some 14 or 15 states. {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12}

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

IWITNESS: Fromuth1

126

And, my comparison to that is that, when you have, obviously, a market that is full of folks, like myself, who have investors that have set up these businesses to do this, then there's a whole different metric involved in accounting for the return on one's investment. And, I don't feel that that's the case with Public Service, as it is for the private players that are in the market.

- Q. You understand that the opening of this docket grew out 10 of concerns raised in a prior docket addressing customer migration, that there was an increasingly 12 small pool of customers left to absorb all of the fixed 13 costs of the Company, correct?
- 14 A. Yes.

2

3

5

6

8

9

11

- 15 Q. And that, if competitive offerings continued to grow, 16 as we've hoped that they do, that problem would be 17 exacerbated, correct?
- 18 A. Yes. 19 Q. Do you have any experience in the other states you've 20 worked in or your knowledge of the industry of how to 21 get through the transition that we're seeing here, in a 22 way that's both good for competition, with some 23 mindfulness of the realities of those customers who are 24 left with fewer and fewer of them to share those costs? {DE 11-216} [Day 2] {11-26-12}

[WITNESS: Fromuth]

128

That could be the way in which the credentials of those companies could be verified and ascertained. And, some standard could be applied to make sure that they were all equipped to take on migrated customers. And, the incumbent utilities all settled into a role of being a sort of pipes and wires outfit only.

Another mechanism that I think is a fair one, is that, when folks leave a competitive provider, and go back to the host utility, and that largely is done for reasons of price, and price alone. Then, that should not be something that is done without a cost to that customer. And, that customer could be induced to either rethink that move, by having to pay a re-entry fee to the host utility, or to pay a per kilowatt-hour rate in excess of the normalized rate for the duration of the time that they were back with the utility.

In this state, it's largely a non-cost event, in fact, it's a cost advantage for many customers to return to the host when the price is advantageous to do so, if they have a contract open they can do that. That, to me, seems to be also a reversal of a good common sense policy, because, if the intent is to move customers into a total relationship, without looking back to the host utility, a total {DE 11-216} [Day 2] {11-26-12}

131 [WITNESS: Fromuth] don't know if people could stay a bit late to be able to relationship where they're buying their power from a 1 1 2 work our way around the room. And, you know, if we were 2 competitive provider, then there should be a 3 able to finish by 5:00, is that -- would that work for 3 disincentive to go back to the host. And, I know it's referred to as "gaming" here. But, you know, whether 4 everyone? We've got a conference call starting at 5:00. 5 So, we would have to end by then. And, we've got a court it's pejorative or not, it goes on. And, I think that 6 that's a process that someone should be assessed a 6 reporter who can't go on forever. 7 Let's go off the record. cost, and, probably, appropriately, it should be the 7 8 customer. 8 (Brief off-the-record discussion 9 Q. You mentioned a moment ago that there were -- I wrote 9 ensued.) CHAIRMAN IGNATIUS: All right. Then, down 14 or 15 states, I think you were saying that are 10 10 11 in "some form of this transition", is that what you 11 we're back on the record. We will now then go to closing 12 were saying? 12 arguments. And, we'll stay a bit late to be able to That's correct. Yes. 13 finish by 5:00, when we have another commitment. If 13 A. 14 Q. Do you happen to know if any of them are in the 14 people can try to limit their remarks to 5-7 minutes, that 15 situation we are in New Hampshire, where we have 15 would be helpful, in order to give a chance for everyone 16 something of a hybrid, of movement to competitive 16 to have an opportunity. 17 supply for some of our electric utilities, and not 17 Because, although it's not a total 18 taking that step for PSNH through the Legislature? 18 Settlement, it's a Partial Settlement, I think what I'd 19 19 A. I'm pretty familiar with the other scenarios in the like to do is have the non-settling parties go first, then 20 other states. And, I have to say, this is a very 20 have the settling parties bearing the burden to go last. 21 unique situation. 21 So, I'd begin either with Mr. Rodier or 22 22 CHAIRMAN IGNATIUS: All right. I have Ms. Miranda, I don't care between the two, if you have a 23 no other questions. I have a million questions, but I 23 preference among yourselves? 24 have no other questions now. Thank you. Appreciate it. 24 MR. RODIER: May Mr. Fromuth come back? {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12} 130 132

	[WITNESS: Fromuth]		132
1	Any redirect, Mr. Rodier?	1	CHAIRMAN IGNATIUS: Oh, certainly.
2	MR. RODIER: Well, there's a lot of	2	MR. RODIER: Well, thank you very much.
3	things I'd like to do, madam Chairman. But, in view of	3	I'm going to keep my comments very brief here. I really
4	the hour, etcetera, etcetera, I'm very happy to just drop	4	think it's a well-tried issue, if you want to call it
5	it right here.	5	that, I think. All the facts are out there. So, I just
6	CHAIRMAN IGNATIUS: All right. Then,	6	want to kind of stick to the law. But I do want to begin
7	you're excused. Thank you, Mr. Fromuth. Well, actually,	7	by pointing out that Mr. Estomin Dr. Estomin, or
8	you can sit there while we figure out what we're still	8	whatever he is, he did say clearly that "Rate ADE is
9	doing this afternoon. But you're done being a witness, so	9	antithetical to the basic premise of industry
10	you can relax.	10	restructuring." Now, we got a pilot program here that's
11	We have no other witnesses, as far as I	11	on a short-term leash, but this was a very capable
12	know. Is there anyone I'm missing?	12	witness, and, you know, that was his view.
13	(No verbal response)	13	Mr. Fromuth did concede, this is sui
14	CHAIRMAN IGNATIUS: Seeing nothing, then	14	generis, this state. And, we acknowledge that, that it
15	do we have any procedural matters, other than addressing	15	sort of complicates things.
16	the exhibits?	16	Now, one of the key issues is the
17	(No verbal response)	17	definition of "Default Service", which is it's
18	CHAIRMAN IGNATIUS: Is there any	18	available if you would not otherwise be without a
19	objection to striking the identification of the exhibits	19	supplier, migrating customers would not otherwise be
20	and making them full exhibits in the docket?	20	without a supplier. That's what default service is all
21	(No verbal response)	21	about. If you read RSA 374-F, I won't bother with the
22	CHAIRMAN IGNATIUS: Seeing no objection,	22	cite. That's about provider-of-last-resort service, now
23	then we'll do so. I had anticipated we would go to	23	that's what default service is. Default service should be
24	closings, oral closings at this point. It's 4:20. I	24	designed to provide a safety net, to ensure universal
	{DE 11-216} [Day 2] {11-26-12}		{DE 11-216} [Day 2] {11-26-12}

33 135

access. That's what Default Service is. Is to make sure nobody goes without -- goes without electricity.

To make my argument as brief as possible, I'm just saying that, in this case, with Rate ADE, how can you possibly say, when the purpose of ADE is to lure customers back to PSNH, that they're otherwise without a supplier. The customer has a supplier, they're going to leave them and go to Public Service. They have a supplier. This has got -- so, ADE has got nothing to do with one of the purposes of 374-F, which is safety net, universal access.

Now, I've always felt that Rate ADE encourages the long-term use of Default Service, which would be wrong, unlawful, to encourage long-term use of Default Service. In this case here, when we get this three year pilot program, I would have to concede that, probably premature or untimely maybe to push too hard on that, but, certainly, the statute is very clear. You know, it says you "may discourage" -- "may discourage misuse". There's nothing in there that says you may "encourage long-term use".

Now, one of the arguments here, halfway through already, Rate ADE does not include the operating costs of the Scrubber. 125-O:18 says "the costs of the {DE 11-216} [Day 2] {11-26-12}

boy, this is a really awkward citation, and I won't even give it, but it's in RSA 363-B:3, IV [369-B:3, IV?], "PSNH shall apply all" -- "shall supply all transition service and default service offered in its retail electric service territory from its generation assets and, if necessary, through supplemental power purchases." They are not -- this is the law. They are not -- ADE is not being supplied through PSNH's generation assets.

Finally, one of the key points here is that there's been a couple of -- Commissioner Harrington raised this issue, and it came up again today, I think it's a fairly key aspect of this proceeding, where we've heard at least twice, maybe three times, that the law says that "as competitive markets develop, the Commission may approve alternate means of providing transition or default services." Let me continue. The Commission may do that. Which are designed to minimize customer risk, not unduly harm the development of competitive markets, and mitigate against price volatility. Those are what the purposes are. If you're going to do a alternate means here of providing default service, there's only three permissible purposes: Minimize customer risk, not unduly harm the development of competitive markets, and mitigate against price volatility. So, this is not an open-ended loophole {DE 11-216} [Day 2] {11-26-12}

Scrubber should be recovered", "must" or "shall be", it's mandatory, it "shall be recovered through Default Service rate". ADE is a Default Service rate. You've got to recover the costs of the Scrubber. That just doesn't mean non-operating costs, we don't have operating costs in there, because we'd have to do some allocations and analysis, okay? So, by law, I think the operating costs have to be included in that adder, as well as the non-operating costs.

Along the same line, there's nothing in there for the costs of marketing and implementation and promotion and customer service, and impact to customer service here I think is going to be large. I think there's going to be a lot of incoming calls. In any event, there is nothing in this rate, okay? And, I think that what it comes down to is the employees, they're not sitting around with nothing to do, I'm sure they're productively occupied. They're going to be transferred over to work on ADE, and they're going to be getting paid out of base rates. I think this is what Mr. Fromuth has in mind by saying, you know, this is really unfair. He's got to recover all of those costs, and Public Service isn't.

Two more things. The statute, the laws, $\{DE\ 11-216\}\ [Day\ 2]\ \{11-26-12\}$

that you can drive a truck through. There's very limited purposes for which you can have an alternative default service rate. Thank you.

CHAIRMAN IGNATIUS: Thank you.

Ms. Miranda.

MS. MIRANDA: Thank you. PSNH's Alternative Default Energy rate is both inconsistent with this Commission's Order 25,230 [25,320?] and the restructuring act principles. In particular, in Order 25,230 [25,320?], the Commission indicated that the alternative Alternative Default Energy rate that would be proposed by PSNH must be cost-based, non-discriminatory, and avoid an adverse effect on competition.

First of all, it is not cost-based.

"Cost-based" is actual, prudent and reasonable costs.

Well, what is the cost? PSNH testified that the marginal cost is the only cost associated with serving these customers. However, they're charging these customers for the non-operating costs of the Scrubber, a cost that they incur whether they have Rate ADE customers or not. So, it's not cost-based from that perspective. The cost associated with the Scrubber, as indicated today and earlier, is an embedded fixed cost, that applies whether there are ADE customers or not. And, it's just simply

137

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

being reallocated to those customers. So, it's not cost-based. The costs associated with marketing and

1

2

5

6

7 8

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

2

3

5

6

7

8

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

outreach, modifying the billing system, tracking customers, tracking costs, none of those costs are included in Rate ADE. Now, PSNH argued "well, we're going to use our current employees. So, there's really no added cost." But every mailing that they send out, every piece of media that they do with respect to providing information to customers about Rate ADE is a cost they're not currently incurring. In addition, there are the costs associated with allocating current employees to use -- to be providing marketing and administrative services for Rate ADE that are not accounted for in the cost of Rate ADE.

In addition, they're using an average forecasted annual price. Forecast prices distort price signals to customers. And, they do not provide accurate price signals. In addition, at the last hearing day, PSNH testified that they're basing Rate ADE on forward market prices, but they're not making forward purchases. They're purchasing on the spot market. So, that the forecast is already going to be off, because they're basing that forecast on something they're not even going to purchase, {DE 11-216} [Day 2] {11-26-12}

are paying different rates. All customers are eligible to choose competitive suppliers, as was testified here today. Why should customers, who remain on competitive supply for 11 months and 29 days, pay a different rate than those who remain on competitive supply for 12 months and one day. And, in fact, as the witness for the OCA testified, that it was absolutely a non -- it was a discriminatory rate that was being imposed.

Everyone seems to say "well, yes, we understand there's potential negative effects on competition. Yes, we understand that it's a potentially discriminatory rate. But it's a pilot. So, you know, three years from now you can figure out if there was really a problem." Three years from now, as testified to today, those effects on competition will be long-term effects, where suppliers have exited the market, and you will have difficulty bringing them back, if you ever can.

The last was that Order 25,230 [25,320?] said that it should not have a negative effect on competition. And, there will be negative customer choice effects. The stated benefit to this Rate ADE by PSNH is to mitigate migration. They have testified that it's partly to reverse migration. There's no migration back under today's circumstances, and the amount of the {DE 11-216} [Day 2] {11-26-12}

138

they're not making forward purchases.

There's a further distortion of the price to customers through the reconciliations. First of all, reconciliations in and of themselves distort the price the customers receive. But, in this case, PSNH is not even going to reconcile the costs to the customers that created them. They're going to violate cost causation principles and take costs associated with forecasts, inaccurate forecasts, whether they be under recoveries or over recoveries, and reconcile them back to an entirely different customer base, the Rate DE customers. Therefore, violating cost causation principles. And, further distorting the price that customers on Rate ADE are seeing from what the actual price would be.

In addition to violating the cost causation principles, inaccurate price signals distort customer behavior. Customers react to the appropriate price signal. If a customer is not given the appropriate price signal, they can't make accurate energy conservation and energy efficiency choices.

Order 25,230 [25,320?] also said that the PSNH Alternative Default Energy rate had to be non-discriminatory. However, similarly situated customers {DE 11-216} [Day 2] {11-26-12}

140

1 benefit, as Commissioner Harrington correctly pointed out 2 today, is largely dependent on the amount of load that 3

returns. If load doesn't return, there is no benefit. 4 So, the whole premise behind this is to reverse migration.

5 Therefore, by it's very nature, it's going to have a 6

negative effect on customer choice.

In addition, as Attorney Rodier pointed out, Default Service is the -- the restructuring act calls for the discouragement of the long-term use of Default Service. And, again, the thought is "Well, it's a pilot. It's 36 months. Or, the customer can only remain on the rate for 24 months. Therefore, there's really no

long-term use of Default Service."

However, if the long-term effects on competition, permanent, irreversible effects on competition are felt today, or over the time of this pilot, and those suppliers don't return, what are the customer's choice? The customer's choice then is long-term use of Default Service.

In addition, it's an unnecessarily complex process. As Exhibit 15 shows in the flow chart, there are a variety of choices a customer has to make and understand before they can determine the value of the choice. Now, Section 374-F:3, III, says the customers are {DE 11-216} [Day 2] {11-26-12}

141 supposed to be provided "clear price information". And,

2 And, I would say that it's on the basis of his testimony

3 that the OCA entered into this Settlement Agreement.

Residential customers will be better off under the terms of this Settlement Agreement than they would be without

the parties liked our witness and found him credible.

it.

It is important to note that this is a stopgap measure. We are not saying that this is a pure policy implementation that should go on for indefinitely. We have a situation where residential customers are the last to migrate. That's consistent everywhere that competition has been introduced. It's only recently, perhaps within a year, that residential customers have had

any options at all. And, so, the fact that they have not
 switched has certainly not been their choice up to this

16 point.

Now, all of the policy arguments that have been made today assume full information, a sophisticated customer, market analysis. This may be true for large industrial customers, it may be true for some small commercial customers; it simply is not true for residential customers.

Residential customers have been directed by law to be the source -- or, the default customers have {DE 11-216} [Day 2] {11-26-12}

future.

And, PSNH also claims that it's the same as an interim rate from a supplier. And, as was testified here today, that is not true. Customers who are choosing an introductory rate from a supplier will -- are not required to stay out on PSNH service for some particular time, required to be on a competitive supply for some particular time. They know what rate they're going to be

charged after the introductory rate is over. They just do

{DE 11-216} [Day 2] {11-26-12}

PSNH claims that Rate ADE creates a new benchmark that

be paying, so -- or how much that rate will be. So, when

to leave a competitive supplier for PSNH, it has to figure

out "was it on ADE previously? For how long? How long

was it on competitive supply? Is Rate ADE open? If it is

customer actually has to know what Rate DE is, because

that's where they're going first, and then understand what

there's not really a benchmark, because they won't know

open, what is that rate?" If it's closed, then the

Rate ADE will be when it reopens in the future. So,

that pricing for a very long time potentially into the

a customer is coming back or potentially deciding whether

will benefit the competitive market. But it's not really a benchmark if a customer doesn't know which rate it will

not need to know as much information to make a decision about an introductory rate. And, lastly, the restructuring act, in particular Section 374-F:3, II, says that "customers should be responsible for the consequences of their choices."

However, through Rate ADE, what's happening is, DE customers, who decide not to make a choice, are benefiting from over recoveries from customers who do make a choice, and they're paying for under recoveries for those same customers. So, Rate DE customers are not taking the consequence of their own choice not to choose, and, to the extent ADE results in an under recovery, they're paying that cost, even though they chose not to go on competitive supply.

Thus, we ask that -- RESA asks that the Commission deny PSNH's request for approval of Rate ADE, not approve the Settlement Agreement that's been put forth, and send PSNH back to the drawing board, to come up with a alternative rate that is not counter to the restructuring act principles and satisfies the requirements of Order 25,230 [25,320?]. Thank you.

CHAIRMAN IGNATIUS: Thank you. Office of Consumer Advocate.

 $\label{eq:ms.chamberlin:ms} \mbox{MS. CHAMBERLIN:} \quad \mbox{Thank you. I'm glad} $$ \{DE 11-216\} [Day 2] \{11-26-12\} $$$

been directed by law to be the source of recovery for

2 these rather large fixed costs. That is not a policy that

3 can withstand scrutiny. It happened over time, it

4 happened through a coincidence of events, but it cannot

5 last. And, I fully expect that actions will overtake this

6 Rate ADE, that this will not be a permanent rate. This is

7 simply something to put into place, protect customers,

8 residential customers a little bit more during the

9 transition. There needs to be a final settlement of these 10 issues that is simply outside the purview of this

11 particular case.

There was a Rate ADE that was proposed previously. The Commission had some concerns with it. This proposal addresses those concerns. I would be happy if this rate was very temporary, that we did other things that would move the market forward. But that takes time. There's regulatory lag. There's -- we have a new legislature coming in, a new governor, all sorts of things are going on. Whatever's going to happen is not going to happen as fast as January 1, which is when this rate will take effect. And, even if one customer takes it, for whatever reason, that's a little bit of a benefit to the residential customers, because they have not switched.

Now, it may, as Mr. Rodier has pointed

Now, it may, as Mr. Rodier has pointed {DE 11-216} [Day 2] {11-26-12} t a supplier,

out, cause residential customers to go get a supplier, because they will now suddenly have knowledge about their options that they didn't have before. It's not -- it doesn't unduly burden competition. It is not a purely competitive rate, as has been pointed out, but it's not an undue burden to protect residential customers during the transition. Thank you.

CHAIRMAN IGNATIUS: Thank you. Ms.

Amidon.

MS. AMIDON: Thank you. Staff participated in the development of the Partial Settlement Agreement. And, we believe it is a just and reasonable resolution of the issues it addresses, and it is in the public interest. We also believe that the Commission can enact this rate pursuant to the authority to approve an alternate means of providing default service, under RSA 374-F:3, V(e).

As you know the one issue that we disagree is the -- with the Company is the term of service for the rate. Staff recommends a 12-month term of service for the myriad reasons it referred to in its testimony, and I won't repeat them here. I will say, though, in balance, we believe that the concerns we have that support the 12-month term of service outweighs any rationale {DE 11-216} [Day 2] {11-26-12}

In response to the Commission's concern, PSNH did offer redesigned Rate ADE. And, in its testimony, Staff agreed that the adjustments provided by -- proposed by PSNH, in fact, address the Commission's concerns, and the OCA just a few months ago agreed. Staff, the Company, the OCA presented a settlement of most of the terms relevant to the implementation of Rate ADE, in line with the revised proposal of the Commission, subject to some minor amendments, and PSNH believes that this Settlement presents a fair and reasonable means to implement a new rate, and that the Settlement should be affirmed.

As to the one issue outstanding under the Settlement, the length of the term of service, testimony presented, we believe, showed the 24-month term is the more appropriate choice, because it effectively balances the interests and benefiting customers remaining on Rate DE, with the interest in recovering costs to provide service. And, as Dr. Estomin testified, 24-month term of service provides more benefits and prevents -- and presents a term of service more attractive to customers.

The 12 months proposed by Staff, while appealing, perhaps, insofar as it might sound right, is simply too short to fully recognize the full benefits of {DE 11-216} [Day 2] {11-26-12}

advanced by the Company to support a 24-month term of service. And, we request that the Commission approve our recommended 12-month term of service. Thank you.

CHAIRMAN IGNATIUS: Thank you. Mr.

Fossum.

MR. FOSSUM: Thank you. The Commission itself laid the groundwork for the proposal that was presented by the Partial Settlement Agreement in this docket. More than a year ago, in Order 25,256, in docket DE 10-160, the Commission concluded, consistent with RSA 374-F, that it is "reasonable that PSNH be allowed to charge customers who return to its Default Service an alternative Default Service rate reflecting the marginal cost to serve that load." The Commission then outlined various considerations that would be accounted for in that rate, and directed PSNH to file tariffs and supporting documentation to support that rate.

Consistent with the directive of the Commission and its conclusion that an alternative Default Service rate for returning customers is reasonable, PSNH presented its initial proposal for Rate ADE. However, not agreeing with the first proposal for Rate ADE, the Commission did reaffirm its earlier decision to require a proposed alternative default rate.

{DE 11-216} [Day 2] {11-26-12}

the rate.

As to the issues beyond the Settlement, first, I did want to point out that there was a prior motion to dismiss this filing, as contrary to various provisions of RSA 374-F, RSA 369-B, and RSA 378, and the Commission denied that motion. As noted in PSNH's objection to that motion, this rate has been proposed consistent with multiple Commission orders produced over more than a year, and none of those orders have been the subject of a motion for rehearing or appeal by those who now seek to have the Commission discard it. The Commission has consistently reaffirmed that it directed PSNH to create this rate, and it should not now entertain arguments, such as the one Mr. Rodier just made, that the rate is unlawful on its face.

I'd also like to point out that the adoption and implementation of the ADE is supported by the restructuring law. RSA 374-F:1, as the Commission has heard, states clearly that the most compelling reason to restructure is to "reduce costs to customers". To the extent that customers avail themselves of Rate ADE, will be because they perceive it as beneficial to reducing their costs. And, if customers perceive the rate is beneficial and migrate to it, that migration may incent

149 151 1 contract binding customers to ADD -- ADE, and no penalties 1 other suppliers to find a way of reducing costs to their 2 2 customers. In this way, Rate ADE will be directly serving for returning to competitive supply. In such 3 circumstances, there is simply no perceptible harm to 3 the purpose of the law, to reduce costs. 4 competition, and it is just another offering in the Importantly, customers are not required 5 5 to take or remain on Rate ADE, and may depart for marketplace, and one that customers are free not to take. 6 competitive supply, just as customers do on Rate DE. And, 6 For these reasons, we request the 7 Commission accept and approve the Partial Settlement if customers believe that there is a way to reduce their 7 8 costs by switching suppliers, they are still free to do 8 Agreement that was filed here, and set the term of service 9 so. In this way provides another choice to customers, as at 24 months, and permit PSNH to implement the rate as anticipated by the Legislature in RSA 374-F:3, II, where 10 10 soon as possible. 11 it noted that "allowing customers to choose among 11 CHAIRMAN IGNATIUS: Thank you. Thank 12 electricity suppliers will help ensure fully competitive 12 you for everyone's attention in providing very succinct 13 and innovative markets." 13 closings. We appreciate that after a long afternoon. 14 Further, customers returning to Rate ADE 14 Unless there's anything further? 15 would be contributing to PSNH's fixed costs and providing 15 (No verbal response) CHAIRMAN IGNATIUS: Seeing nothing from 16 a means to spread costs over a wider base of customers, 16 17 17 my colleagues and from any parties, we will take all of plus benefiting the customers who remain on Rate DE. 18 18 this under advisement, and issue an order as soon as we I would also point out that RSA 374-F 19 19 promotes the development of default service appropriate to can. Thank you. We're adjourned. 20 the circumstances of each utility. Rate ADE is another 20 (Whereupon the hearing ended at 4:53 21 option for customers to examine in determining their 21 p.m.) energy needs, and allows PSNH to provide a default service 22 22 23 appropriate to its particular circumstances. 23 24 I would also note that, in the 24 {DE 11-216} [Day 2] {11-26-12} {DE 11-216} [Day 2] {11-26-12} 150 Commission's last order in this docket, it referenced

2 provisions of RSA 369-B:3, IV(b)(1) as applying here. In that statute, in RSA 369-B:3, IV(b)(1)(A), it provides that PSNH is to supply default service to recover on its 5 generation assets in a manner approved by the Commission, and ADE does precisely that. Redesigned Rate ADE, as it 6 is in the Settlement Agreement, provides a Default Service 8 offering allowing PSNH to recover on its generation assets, and does so in a manner acceptable to the 10 Commission, because it addresses the Commission's concerns, as expressed in its orders and in Docket 10-160. 11 12 As to some of the arguments about the 13 introduction of Rate ADE being harmful to competition, I 14 point out, as did Ms. Chamberlin a few months ago, that an alternative default service offering is appropriate under 15 16 RSA 374-F:3, V(e), if it -- yes, under (e), if it "does 17 not unduly harm the development of competitive markets", 18 and the term "unduly" is indeed a meaningful term there. 19 By offering Rate ADE, PSNH is providing another option to 20 the marketplace, based on its costs, including the non-operating costs of the Scrubber. 21 22 No customers are compelled to take 23 service on Rate ADE. Customers remain free to leave Rate 24 ADE and return to competitive supply. There are no {DE 11-216} [Day 2] {11-26-12}

\$	75/19 81/8 140/12 151/9	56/20 60/17 66/19 67/2 67/7 67/22 68/2
\$10,000 [1] 108/23	24-month [16] 7/6 8/13 8/24 10/7 11/20 12/4 17/8 17/12 17/18 53/20 53/21 55/19	72/3 74/10 74/22 75/5 76/17 78/4 87/13 88/9 89/23 89/23 89/24 93/4 93/18 98/24
1	56/5 146/1 147/15 147/19	100/14 101/12 110/4 110/5 110/6 110/6
'90s [1] 87/5	25 [2] 2/6 127/9 25,230 [5] 136/8 136/10 138/22 139/18	110/7 114/8 114/18 115/2 115/14 118/2 120/6 132/21 132/22 137/10 142/2 145/2
0	142/21	150/12
	25,256 [1] 146/9	above [8] 15/5 16/10 48/9 50/6 61/2 74/9 100/12 115/5
001 [2] 3/4 9/24 01 [1] 3/4	25,320 [5] 136/8 136/10 138/22 139/18 142/21	absolute [1] 122/19
08-10-12 [1] 3/4	25,372 [2] 46/2 46/14	absolutely [3] 29/14 29/14 139/7
08-24-12 [1] 3/6	26 [1] 1/4 27 [1] 2/6	absorb [1] 126/12 abundance [1] 114/15
1	27 [1] 270 27th [1] 70/13	accept [1] 151/7
1.3 [1] 25/23	29 [1] 139/4	acceptable [3] 6/1 60/15 150/9
10 [4] 27/20 28/13 28/13 101/11 10 percent [1] 83/23	3	access [2] 133/1 133/11 accommodate [1] 120/9
10-160 [5] 45/2 49/17 52/15 146/10 150/11	36 [4] 69/4 123/24 124/2 140/11	accomplish [5] 49/11 58/21 59/3 59/4
11 [2] 3/4 139/4	36-month [5] 8/10 8/13 8/15 68/17 80/7 363-B:3 [1] 135/2	59/14 accomplishing [1] 58/2
112 [1] 2/12	369-B [3] 45/13 101/20 148/5	accomplishment [1] 87/8
12 [45] 2/5 3/4 3/6 7/14 7/16 11/23 11/24	369-B:3 [4] 46/17 135/2 150/2 150/3	according [1] 91/7
13/1 16/12 17/22 18/8 21/20 26/15 28/16 54/21 54/22 56/20 56/21 57/4 64/2 64/10	374-F [13] 21/8 45/12 46/18 60/2 97/12 98/15 100/11 101/3 132/21 133/10 146/11	account [3] 9/4 119/9 121/7 accounted [2] 137/14 146/15
65/20 66/2 66/6 66/9 75/8 75/15 75/18	148/5 149/18	accounting [1] 126/5
75/19 75/22 75/22 75/24 76/1 76/22 77/5 80/17 80/19 80/20 81/8 81/11 81/13 84/8	374-F:1 [5] 97/16 97/18 98/8 98/24 148/18 374-F:2 [2] 105/19 114/7	accounts [1] 88/6 accumulated [1] 123/15
101/11 139/5 147/22	374-F:2 [2] 105/19 114/7 374-F:3 [7] 50/2 60/2 104/15 142/3 145/17	
12-month [15] 7/8 8/1 9/4 12/5 18/2 18/6	149/10 150/16	93/15 93/16 102/11 107/2 107/18 110/19
53/22 66/17 73/12 77/3 77/8 83/14 145/20 145/24 146/3	377 [1] 46/18 378 [1] 148/5	111/7 137/18 138/20 accurately [6] 97/13 101/24 102/8 104/21
120 [1] 2/13	3:02 [1] 85/12	105/10 106/21
125 [1] 2/13 125-O [2] 36/9 37/22	3:15 [1] 85/10 3:18 [1] 85/13	acknowledge [1] 132/14 act [4] 136/9 140/8 142/3 142/20
125-O:18 [6] 33/17 33/20 37/3 37/13 37/20	4	acting [1] 91/21
133/24	-	action [2] 8/9 124/16
13 [1] 56/22 132 [1] 2/18	47 [1] 2/7 49 [1] 2/7	actions [2] 50/23 144/5 active [1] 89/7
136 [1] 2/19	4:20 [1] 130/24	actively [1] 92/7
14 [5] 16/3 57/15 57/15 127/24 129/10	4:30 [1] 41/6 4:53 [1] 151/20	activities [1] 92/3 activity [1] 78/4
145 [1] 2/21	5	actor [2] 111/13 111/14
146 [1] 2/22	5-7 [1] 131/14	actual [25] 34/15 59/20 70/8 93/8 98/14
15 [7] 3/4 10/17 11/13 127/8 127/24 129/10 140/21	5-7	101/21 102/3 102/6 102/10 102/15 102/18 102/22 103/7 103/9 103/11 103/16 104/1
15th [1] 72/10	52 [3] 1/23 27/6 27/17	104/2 112/11 112/14 112/16 113/4 113/5
16 [3] 3/5 86/18 86/21 160 [5] 45/2 49/17 52/15 146/10 150/11	5:00 [3] 131/3 131/4 131/13	136/15 138/14 actually [13] 7/19 15/2 30/2 48/17 48/19
170 [2] 15/21 16/3	6	56/3 64/17 75/2 97/18 98/9 114/5 130/7
18 [2] 16/4 65/23 19 [1] 70/21	63 [1] 2/8 69 [1] 2/8	141/11 actuals [3] 71/4 71/10 71/10
1:10 [1] 1/4	7	AD [1] 14/12
1st [17] 28/17 28/18 28/18 28/19 29/21		ADA [4] 80/21 82/6 83/23 125/14
29/22 55/16 55/24 56/1 65/6 72/13 73/5 73/9 73/13 73/21 79/19 79/21	7.11 [2] 65/5 65/9 75 percent [6] 13/16 13/17 55/6 72/19	add [6] 11/17 33/16 35/22 61/6 108/15 151/1
2	72/21 73/3	added [1] 137/7
2.2 [2] 32/19 80/4	8	adder [29] 13/17 14/18 14/21 14/24 20/9 33/12 33/12 34/12 34/17 34/22 35/17 37/10
2.2.3 [2] 9/11 74/3	80 [1] 2/7	49/24 51/7 53/3 55/7 58/5 58/13 59/6 62/7
2.2.4 [1] 13/9 2.3.1 [1] 70/5	80 percent [1] 104/16 86 [2] 2/11 3/5	70/6 71/6 72/19 73/15 82/13 82/14 118/16 119/16 134/8
2.3.2 [1] 70/6	8th [2] 46/2 46/15	addition [6] 137/11 137/16 137/19 138/16
2.3.3 [3] 9/13 72/2 72/4	9	140/7 140/20
2.3.3.1 [3] 9/14 9/20 13/11 2.3.3.2 [2] 9/14 9/20	900-pound [1] 91/4	additional [8] 37/11 39/9 51/8 51/10 51/11 52/1 52/7 53/1
2.3.4 [2] 9/13 9/15	93 [1] 2/11	address [4] 49/18 53/6 106/6 147/4
2.4 [1] 78/2 2.4.1 [1] 78/2	96 [1] 2/12	addresses [5] 45/1 45/7 144/14 145/13 150/10
2.4.2 [1] 78/2	A	addressing [3] 70/6 126/10 130/15
2.4.3 [2] 33/1 77/17 20 [1] 127/9	ability [1] 109/13 able [11] 7/12 8/16 67/4 67/19 76/3 77/21	ADE [198] adequate [1] 77/20
2012 [2] 1/4 46/15	80/21 109/4 131/1 131/3 131/12	adjourned [1] 151/19
2013 [1] 30/6	about [62] 6/24 7/21 8/5 14/7 15/17 16/23	adjudicative [1] 78/15
216 [2] 1/6 4/3 24 [10] 11/22 21/24 26/16 65/21 66/3 66/9	17/8 20/21 22/5 22/7 30/2 32/23 33/4 33/12 34/24 38/6 39/3 41/8 43/2 47/3 50/4 52/13	
	13.2 13.2 13.2 13.2 13.2 13.2	

adjustment [1] 79/8 adjustments [4] 18/23 23/10 79/9 147/3 administration [2] 38/19 113/2 administrative [1] 137/13 admittedly [2] 38/10 112/23 adoption [1] 148/17 advance [1] 93/13 advanced [1] 146/1 advancement [1] 91/2 advantage [11] 5/21 31/19 58/19 59/6 68/8 91/18 111/1 111/12 120/14 120/16 128/18 advantageous [1] 128/20 adverse [1] 136/13 advisement [2] 123/6 151/18 Advocate [4] 1/17 1/18 5/5 142/23 Affairs [1] 42/15 affirmed [1] 147/12 after [8] 28/17 77/2 83/14 84/8 91/6 95/3 141/24 151/13 afternoon [19] 4/17 4/20 4/21 4/23 5/3 5/4 5/7 5/8 5/10 6/4 47/14 47/16 79/22 92/23 92/24 119/24 120/1 130/9 151/13 again [43] 9/18 10/12 19/14 22/16 28/18 28/18 28/19 31/9 34/23 36/8 36/22 39/2 40/2 40/24 49/15 52/16 58/3 58/8 58/11 59/13 60/22 61/1 61/2 62/11 62/18 64/19 64/23 65/7 66/1 66/4 66/11 73/12 76/18 76/22 77/12 81/2 84/14 103/23 112/24 120/6 121/22 135/11 140/10 against [8] 52/2 60/9 71/19 117/19 118/7 118/11 135/19 135/23 aggregate [1] 88/20 aggregator [1] 88/19 ago [10] 6/22 27/22 84/12 101/11 110/14 127/9 129/9 146/9 147/5 150/14 agree [22] 16/24 17/11 19/2 20/1 20/14 21/10 26/7 28/21 36/4 39/8 39/20 63/16 90/7 90/10 93/3 98/14 99/8 99/8 99/9 104/23 114/11 120/18 agreed [5] 35/2 36/20 99/19 147/3 147/5 agreeing [1] 146/22 agreement [26] 5/18 5/19 6/24 7/19 7/20 9/8 12/12 13/8 25/22 26/6 26/8 29/16 29/17 29/21 69/24 72/1 77/16 80/2 80/5 142/17 143/3 143/5 145/12 146/8 150/7 151/8 ahead [1] 103/5 all [86] 5/23 6/6 9/3 11/8 12/1 20/13 20/19 21/11 22/9 26/19 27/11 27/15 28/7 29/5 31/14 31/15 35/7 35/22 39/15 39/19 42/20 42/22 44/20 46/23 49/3 56/16 58/16 60/24 62/3 63/4 63/5 65/3 65/12 68/13 68/14 69/10 69/12 69/20 70/20 71/5 72/1 73/8 73/17 79/6 80/9 85/8 92/3 92/9 97/21 98/11 98/15 99/13 99/14 101/5 101/14 106/9 108/10 108/14 110/8 112/2 113/11 113/17 116/2 119/20 119/21 121/1 122/6 126/12 127/6 128/4 128/5 129/22 130/6 131/10 132/5 132/20 134/22 135/3 135/3 136/14 138/4 139/1 143/14 143/17 144/18 151/17 alleviate [1] 21/4 allocated [2] 34/9 110/1 allocating [1] 137/12 allocations [1] 134/6 allow [4] 74/13 75/3 76/17 78/9 allowable [1] 35/9 allowed [1] 146/11 allowing [2] 149/11 150/8 allows [2] 47/20 149/22 almost [4] 65/7 90/3 91/1 117/1 alone [1] 128/10 along [6] 5/1 27/14 39/15 112/21 114/23 134/10

already [10] 43/10 43/14 56/5 61/24 103/18 107/16 120/4 125/22 133/23 137/23 also [41] 7/17 8/1 8/3 8/18 18/19 20/6 20/20 23/20 34/9 40/11 40/11 48/3 48/8 48/11 57/22 60/2 60/3 61/8 67/12 67/16 68/23 75/2 79/5 95/3 97/3 97/16 99/13 110/11 110/20 110/20 117/9 122/7 124/3 125/8 128/21 138/22 141/17 145/14 148/16 149/18 149/24 alter [1] 62/10 alternate [5] 52/6 58/23 135/15 135/20 145/16 alternative [18] 1/7 7/2 25/2 38/1 54/13 60/5 66/7 121/24 136/2 136/7 136/11 136/11 138/23 142/19 146/13 146/19 146/24 150/15 although [4] 6/2 74/4 74/17 131/17 always [4] 4/13 42/21 124/11 133/12 am [3] 42/15 64/11 100/18 ambiguous [1] 121/9 amend [1] 30/7 amendments [1] 147/9 American [2] 96/11 97/4 Amidon [8] 1/19 2/5 2/21 5/9 11/4 85/6 111/24 145/9 among [3] 16/22 131/23 149/11 amount [8] 8/6 13/17 24/24 58/13 123/13 124/10 139/24 140/2 Amy [1] 1/9 analysis [8] 81/22 83/10 83/18 84/16 84/22 85/1 134/7 143/19 analyze [1] 71/4 angry [1] 43/2 annual [17] 7/24 8/2 18/19 18/20 19/3 20/13 30/8 31/15 62/8 71/8 72/9 72/16 73/11 79/3 79/16 122/11 137/17 annually [1] 78/4 another [21] 8/8 44/2 61/8 62/17 64/12 66/7 68/12 69/5 76/20 80/11 94/22 98/21 103/10 115/24 119/11 128/7 131/13 149/9 149/20 150/19 151/4 Anselm's [1] 88/3 answer [13] 10/4 28/5 28/12 28/19 31/17 42/13 42/20 54/10 54/23 103/20 109/15 118/20 125/7 answered [3] 37/22 103/18 120/4 anti [11] 8/5 20/21 76/7 76/16 90/19 107/18 109/9 109/21 110/19 111/17 122/1 anti-competitive [11] 8/5 20/21 76/7 76/16 90/19 107/18 109/9 109/21 110/19 111/17 122/14 anticipate [1] 74/15 anticipated [4] 70/8 101/7 130/23 149/10 anticipation [1] 73/18 antithetical [1] 132/9 any [75] 4/12 4/15 8/4 8/7 10/22 14/3 14/16 18/23 27/8 30/11 31/7 31/21 33/23 35/8 36/14 36/24 38/10 38/18 39/9 39/11 39/23 42/12 44/23 46/24 50/8 50/15 53/1 53/3 55/14 56/21 59/7 60/3 61/5 71/6 75/13 77/6 77/23 79/9 81/4 81/22 82/8 83/4 83/8 83/10 83/11 83/12 84/16 84/24 85/2 86/8 88/2 92/18 98/19 104/8 105/12 105/15 105/16 106/8 106/19 106/24 108/20 112/23 120/16 121/9 121/11 122/15 126/19 129/14 130/1 130/15 130/18 134/14 143/14 145/24 assuming [10] 5/21 19/24 24/5 58/14 151/17 anybody [3] 31/2 86/24 87/22 anyhow [1] 40/3 anymore [1] 53/18 anyone [2] 84/23 130/12 anything [14] 4/14 5/12 6/7 9/7 23/5 25/10 33/24 34/20 44/24 46/14 86/8 105/24 122/1 151/14 anyway [1] 50/12

apologize [6] 32/12 100/7 105/4 105/5 109/7 120/4 apparent [1] 102/20 appeal [1] 148/10 appealing [1] 147/23 appear [2] 70/3 104/8 appearances [4] 1/12 4/11 4/16 101/14 appears [1] 81/23 applicable [2] 37/13 37/14 applied [5] 52/2 82/18 92/2 127/21 128/3 applies [2] 37/23 136/23 apply [2] 37/20 135/3 applying [1] 150/2 appreciate [2] 129/24 151/13 approach [1] 98/3 appropriate [10] 37/18 37/24 104/19 105/1 138/18 138/19 147/16 149/19 149/23 150/15 appropriately [1] 129/7 approval [1] 142/16 approve [10] 30/5 37/16 37/24 60/5 98/18 135/15 142/17 145/15 146/2 151/7 approved [4] 31/5 35/19 74/6 150/5 approximately [1] 117/10 April [2] 28/18 70/13 April 1st [1] 28/18 are [164] aren't [14] 19/17 19/23 29/2 34/3 36/24 39/11 40/6 51/13 54/4 54/12 94/8 94/9 102/24 103/2 argued [1] 137/6 argument [3] 17/11 107/9 133/3 arguments [7] 17/7 17/21 131/12 133/22 143/17 148/14 150/12 around [6] 49/3 79/20 112/9 121/13 131/2 134/17 arrangement [1] 114/19 arrived [1] 108/8 artificially [2] 93/21 123/23 as [154] ascertained [1] 128/2 ask [13] 5/15 12/16 12/19 22/5 27/21 38/17 64/12 74/10 88/9 89/7 89/17 120/3 142/15 asked [7] 15/24 16/2 28/12 32/12 37/20 79/22 109/7 asking [5] 75/5 99/18 106/5 110/13 122/11 asks [2] 105/24 142/15 aspect [1] 135/12 aspects [2] 99/15 108/11 assert [1] 118/22 asserting [1] 97/1 assessed [2] 68/22 129/6 assessment [2] 8/2 69/10 assets [6] 99/14 113/12 135/5 135/8 150/5 150/9 assigned [5] 14/6 81/19 83/16 108/20 121/9 assigning [1] 51/17 associated [9] 39/6 47/21 49/21 119/9 136/17 136/22 137/3 137/12 138/8 Association [3] 1/15 5/2 47/14 assume [8] 27/13 40/14 41/24 51/5 57/21 73/8 74/19 143/18 assumes [2] 22/2 42/5 72/12 73/4 73/13 83/18 95/6 122/13 assumption [1] 63/20 at [125] 5/23 7/14 7/22 7/24 8/15 8/18 9/10 9/11 9/14 11/1 11/23 13/1 13/8 13/12 13/14 13/16 13/19 14/12 15/9 15/21 16/3 20/11 22/20 28/4 29/12 32/16 33/2 34/6 38/5 41/6 44/9 44/20 48/11 50/2 52/5 55/4 57/4 57/12 57/16 57/22 58/15 60/2 61/11 61/12 61/17 62/5 62/9 64/4 65/15 66/9 66/9 66/11 67/3

at... [72] 68/6 68/12 68/18 68/19 68/24 69/11 69/12 69/24 70/12 70/17 70/21 71/3 71/15 71/17 72/2 72/7 72/9 72/17 72/22 73/12 74/1 74/15 75/22 77/17 77/24 78/21 79/5 79/9 80/19 80/20 81/11 83/4 83/11 84/9 84/15 84/19 85/12 85/13 86/9 87/8 93/9 95/7 96/23 97/10 103/18 105/6 107/21 108/8 109/6 111/7 111/16 113/8 114/7 114/13 115/8 117/15 118/3 118/23 119/5 119/10 120/11 120/21 122/14 127/4 127/17 130/24 131/4 135/13 137/19 143/14 151/9 151/20 attachment [2] 70/18 70/19 attachments [1] 70/17 attempt [1] 26/3 attention [1] 151/12 attorney [2] 21/5 140/7 attract [1] 58/6 attractive [2] 17/18 147/21 attracts [1] 84/18 attributes [1] 97/15 Atty [3] 11/4 11/4 98/5 AUGUST [6] 2/10 3/5 85/20 85/24 93/20 93/22 authority [5] 80/6 96/18 104/8 104/24 145/15 authorization [1] 14/2 avail [1] 148/21 availability [3] 14/3 114/23 120/18 available [12] 5/20 12/9 15/8 22/16 43/6 56/3 105/8 105/21 113/17 114/9 117/12 average [1] 137/16 avoid [7] 17/12 17/14 18/14 19/3 19/15 19/16 136/13 avoids [2] 19/18 19/20 aware [10] 42/15 44/6 44/7 50/9 65/8 74/18 83/10 96/11 113/24 123/12 away [4] 91/8 91/9 91/23 124/12 awkward [1] 135/1 B:3 [5] 46/17 135/2 135/2 150/2 150/3 baby [1] 65/23 back [97] 4/2 4/14 6/22 18/12 18/16 18/17 19/16 19/19 19/20 28/17 28/18 29/3 29/4 29/7 32/19 37/11 41/5 42/3 53/16 53/19 54/2 54/6 54/7 54/15 55/15 56/8 56/9 57/13 58/1 59/12 62/18 62/24 63/17 64/23 65/18

67/4 67/14 67/17 67/22 68/7 68/14 70/18 72/1 74/10 75/17 75/21 75/23 76/6 76/15 76/18 76/19 77/2 78/1 80/21 81/1 81/2 81/10 81/12 81/15 82/6 82/7 82/11 82/12 82/21 83/7 83/17 83/20 83/24 84/3 84/7 84/14 84/20 85/14 87/5 91/1 92/1 92/8 105/4 106/16 122/3 122/22 124/14 124/15 125/24 127/8 128/9 128/16 128/24 129/3 131/11 131/24 133/6 138/10 139/17 139/23 141/6 142/18 back-and-forth [2] 19/19 19/20 backwards [1] 56/1 bad [5] 67/23 67/24 68/10 115/16 127/20 balance [1] 145/23 balances [1] 147/17 ball [3] 64/10 64/24 65/12 base [9] 40/6 40/10 40/14 40/23 52/21 93/12 134/20 138/11 149/16 based [24] 22/11 34/15 34/15 35/1 45/5 51/12 55/11 55/20 61/13 61/17 62/24 101/21 101/23 103/8 107/4 109/9 109/11 112/14 136/12 136/14 136/15 136/21 137/2 150/20 basic [2] 49/10 132/9

147/24

best [3] 84/4 86/12 105/12

basically [15] 22/13 31/19 31/22 32/1 39/3 bet [1] 41/14 57/4 58/13 60/1 61/7 69/16 87/10 116/17 118/17 124/5 124/7 basing [2] 137/20 137/23 basis [25] 7/22 7/24 11/7 13/13 21/20 21/23 34/12 34/16 56/21 61/4 62/8 71/1 71/8 71/9 71/15 72/6 73/11 79/3 79/16 109/23 114/1 115/24 119/17 123/11 143/2 Bay [2] 41/11 41/15 be [314] bearing [2] 56/9 131/20 beat [1] 38/3 became [1] 82/5 because [60] 8/5 10/20 19/22 23/14 30/14 33/17 36/8 38/22 39/1 39/14 39/18 43/11 44/11 44/22 48/12 50/10 51/12 53/2 57/17 57/23 61/1 61/23 74/19 76/8 79/4 82/12 83/7 83/18 91/18 106/23 107/3 108/4 110/17 111/9 113/1 113/4 115/20 115/22 115/22 116/18 118/21 119/3 119/8 120/15 121/4 121/9 123/14 124/10 127/12 128/22 131/17 134/6 137/23 141/11 141/14 144/23 145/2 147/16 148/22 150/10 become [3] 12/22 119/12 120/24 becomes [1] 68/11 been [48] ⁻5/18 5/19 6/10 12/16 12/24 20/24 28/23 32/12 39/15 40/19 41/22 46/1 49/3 51/21 53/21 54/1 55/12 55/13 56/7 56/12 57/1 57/2 57/13 57/14 81/22 83/18 84/16 91/12 91/19 96/24 103/17 108/20 117/5 118/6 118/6 120/6 121/12 125/22 135/10 142/17 143/12 143/15 143/18 143/23 144/1 145/5 148/7 148/9 before [20] 4/15 6/3 6/13 18/9 26/10 55/2 66/11 73/21 76/20 78/9 80/17 85/18 89/11 90/18 94/18 94/22 113/14 113/16 140/23 145/3 begin [7] 4/11 96/4 98/9 99/5 100/13 131/21 132/6 beginning [8] 71/17 72/9 72/17 74/16 78/1 113/8 117/4 118/3 begins [3] 28/2 75/2 97/18 behalf [5] 4/18 5/1 47/13 88/13 96/14 behavior [2] 107/6 138/18 behind [1] 140/4 being [37] 7/22 8/5 8/10 8/14 8/23 15/24 17/13 20/21 24/10 36/13 39/5 40/6 40/23 49/11 58/9 58/10 61/12 67/10 78/12 83/15 91/10 94/18 107/8 109/10 109/11 109/22 124/12 124/14 124/15 125/12 125/18 128/5 130/9 135/7 137/1 139/8 150/13 belabor [1] 41/7 belief [5] 86/12 107/1 107/3 109/8 114/2 believe [29] 4/10 16/12 16/13 17/21 23/2 28/3 28/8 31/13 32/4 37/22 41/10 46/13 50/13 62/13 64/15 66/18 73/19 80/3 94/6 96/12 97/17 99/12 107/17 110/17 145/12 145/14 145/23 147/15 149/7 believed [2] 17/18 64/13 believer [1] 121/1 believes [2] 106/18 147/9 below [10] 9/13 14/10 14/12 14/12 65/9 91/5 108/1 111/16 115/5 118/5 benchmark [4] 117/19 141/2 141/4 141/14 benchmarked [1] 118/7 beneficial [2] 148/22 148/24 benefit [19] 20/9 37/11 53/1 58/3 58/10 59/7 61/10 62/1 68/23 82/18 82/20 83/13 84/15 125/20 139/21 140/1 140/3 141/3 144/22 benefited [1] 52/5 benefiting [4] 58/22 142/8 147/17 149/17 benefits [6] 17/8 19/5 20/3 21/24 147/20

better [17] 7/11 7/16 8/2 8/8 18/5 18/6 18/19 20/17 26/11 26/15 26/17 50/22 56/16 64/11 93/4 112/18 143/4 between [7] 7/4 36/24 64/23 69/3 78/5 125/6 131/22 beyond [1] 148/2 big [1] 121/1 billing [1] 137/4 bills [1] 127/19 binding [1] 151/1 bit [8] 53/5 67/6 95/14 112/9 131/1 131/12 144/8 144/22 blandishment [1] 42/10 blessing [1] 124/16 block [1] 53/20 board [1] 142/18 body [1] 123/20 book [2] 98/5 104/12 booked [9] 101/21 102/6 102/11 102/18 103/8 103/8 103/14 112/11 112/14 books [1] 91/17 both [11] 27/7 37/7 57/14 59/16 60/14 66/14 71/2 114/3 122/20 126/22 136/7 bother [1] 132/21 bottom [5] 72/2 75/3 97/9 97/10 99/24 box [6] 53/9 54/8 54/8 55/18 55/19 56/19 boxes [1] 54/3 boy [1] 135/1 brand [1] 121/12 break [2] 85/10 121/16 brevity [1] 30/13 brief [3] 131/8 132/3 133/3 briefly [5] 12/22 15/15 33/11 36/7 87/8 bring [4] 82/11 84/7 92/8 125/23 bringing [3] 6/22 82/21 139/17 brings [2] 43/19 45/8 broadcast [1] 108/13 broken [1] 51/3 brush [1] 68/14 bucket [1] 116/16 budget [1] 108/20 built [1] 91/17 bulk [1] 14/19 burden [3] 131/20 145/4 145/6 business [6] 57/11 57/21 59/17 92/8 110/7 118/21 businesses [1] 126/4 but [92] 4/16 10/19 11/24 13/9 14/1 20/18 21/7 23/11 23/21 25/4 31/1 32/6 34/9 36/22 40/2 42/15 43/8 44/3 45/9 45/18 48/8 48/11 53/5 56/13 56/24 57/19 58/1 58/8 58/21 59/3 59/14 62/3 62/18 64/8 65/5 65/9 66/5 67/16 68/12 75/15 76/2 76/17 77/5 78/13 79/9 80/10 82/20 83/10 84/5 84/8 85/2 89/1 89/18 90/20 91/15 92/4 103/4 103/9 107/14 108/10 109/14 110/22 114/1 115/4 115/9 116/20 116/21 118/5 118/24 119/4 120/5 121/11 122/5 123/19 124/3 125/8 129/4 129/23 130/3 130/9 132/6 132/11 133/18 135/2 137/8 137/21 138/5 139/12 141/3 144/4 144/16 145/5 buy [1] 118/18 buying [7] 55/12 55/13 59/17 113/14 113/21 113/22 129/1 calculated [6] 14/22 22/11 34/14 62/4

calculated [6] 14/22 22/11 34/14 62/4 70/11 95/9 calculation [7] 38/9 52/1 62/7 73/14 102/7 112/22 117/20 calculations [1] 108/9 calendar [1] 73/12 calibrate [1] 117/19 call [2] 131/4 132/4

choose [4] 77/7 139/2 142/12 149/11 common [1] 128/22 C chooses [2] 10/5 66/5 choosing [1] 141/19 chose [2] 53/12 142/14 companies [11] 42/10 88/10 88/22 110/24 called [1] 87/3 111/4 111/18 116/3 116/7 125/6 127/22 calls [5] 42/13 43/2 77/17 134/14 140/8 came [13] 7/19 7/20 44/18 52/15 53/5 54/6 circumstance [4] 23/19 52/23 54/9 55/2 company [17] 1/6 4/18 74/4 84/23 88/16 96/11 97/4 108/22 109/12 110/16 110/24 56/8 56/9 57/17 82/6 84/20 115/20 135/11 circumstances [12] 13/3 13/6 16/15 42/5 55/12 104/19 105/1 106/3 139/24 149/20 111/10 115/24 126/13 145/19 146/1 147/6 campaign [2] 92/7 121/6 can [63] 8/9 8/10 13/3 15/5 16/19 18/15 comparable [1] 61/7 149/23 151/3 citation [2] 45/21 135/1 cite [3] 97/22 115/8 132/22 compare [2] 72/8 72/14 28/17 29/2 29/3 31/18 32/5 34/14 37/16 compared [5] 13/17 29/13 34/8 71/16 37/24 41/23 41/23 42/3 46/7 53/4 53/6 citing [1] 107/14 53/23 55/18 59/5 60/14 62/4 62/6 62/10 115/24 62/11 67/5 69/3 70/11 70/21 75/13 76/10 claims [2] 141/2 141/17 compares [1] 58/14 comparing [3] 71/18 73/5 111/9 clarification [2] 40/17 120/5 76/20 77/6 83/22 84/22 87/18 87/22 89/14 92/1 92/1 93/4 93/7 93/15 113/12 119/8 clarified [1] 125/18 comparison [3] 13/14 72/22 126/1 clarify [1] 12/20 class [2] 71/11 91/22 compelled [1] 150/22 compelling [5] 97/19 98/9 101/4 101/6 120/23 128/21 130/8 130/10 131/14 133/5 136/1 136/2 139/13 139/17 140/11 140/23 144/3 145/14 151/19 148/19 classes [1] 74/14 can't [12] 31/4 39/24 42/14 43/3 45/18 clear [6] 87/20 109/22 122/6 122/7 133/18 compete [1] 118/1 competing [2] 110/23 122/8 74/17 76/15 84/23 97/22 124/4 131/6 141/1 138/20 clearly [2] 132/8 148/19 competition [21] 66/19 66/24 67/8 68/5 cannot [4] 63/2 101/19 113/4 144/4 Clerk [1] 1/11 client [1] 30/18 107/23 108/2 108/5 115/13 115/13 124/20 126/22 136/13 139/11 139/15 139/20 capable [1] 132/11 clock [17] 10/7 10/12 12/4 12/5 53/21 capacity [5] 89/10 119/4 119/6 119/8 140/15 140/16 143/12 145/4 150/13 151/4 53/22 54/11 54/19 54/21 55/19 56/5 75/20 competitive [164] 119/10 competitor [3] 107/20 108/1 109/18 capital [1] 110/6 75/23 77/5 81/4 81/9 83/14 care [1] 131/22 clock's [1] 54/17 competitors [1] 64/5 complaining [1] 42/13 complete [1] 92/4 careful [1] 108/9 close [2] 13/4 14/1 case [20] 18/14 23/16 24/3 31/22 40/16 closed [10] 13/20 14/4 55/1 55/7 55/9 completely [2] 92/4 119/16 50/11 65/20 65/21 84/4 97/3 108/18 108/22 71/11 71/12 71/13 72/20 141/10 111/18 112/13 117/23 126/6 133/4 133/15 closer [1] 73/4 completion [1] 72/24 closing [2] 2/17 131/11 complex [1] 140/21 138/5 144/11 closings [3] 130/24 130/24 151/13 Cmsr [4] 2/7 2/8 2/12 2/13 compliance [1] 73/18 cases [1] 71/2 complicates [1] 132/15 component [2] 33/23 35/17 components [3] 40/12 41/1 41/2 causation [3] 138/8 138/12 138/17 cause [4] 60/24 62/15 117/17 145/1 Co [1] 1/12 coincidence [1] 144/4 caused [2] 45/5 116/22 computer [1] 74/13 Cole [4] 1/15 1/16 4/24 47/13 causes [1] 92/4 cents [7] 65/5 65/7 65/9 117/10 117/18 colleague [1] 5/1 concede [2] 132/13 133/16 concept [1] 127/23 concern [9] 20/24 22/6 34/24 49/19 91/7 118/1 120/7 colleagues [1] 151/17 College [1] 88/3 color [1] 10/20 CEO [2] 88/10 96/7 110/12 121/3 123/19 147/1 certain [1] 127/16 certainly [17] 51/2 59/3 60/11 60/12 64/18 combine [1] 88/20 concerned [1] 89/12 76/7 78/17 90/3 98/17 104/2 105/3 116/3 come [35] 18/13 28/18 29/4 42/3 50/21 concerns [16] 8/5 20/21 21/3 21/4 26/1 123/16 125/18 132/1 133/18 143/15 53/16 54/21 57/12 57/16 64/5 73/20 75/4 26/4 26/8 26/14 34/10 114/20 126/10 75/13 75/23 76/3 76/17 77/2 77/6 77/13 144/13 144/14 145/23 147/5 150/11 Chair [1] 89/24 Chairman [12] 1/9 2/8 2/13 5/14 10/24 78/22 79/3 80/21 81/2 82/10 83/7 84/3 84/6 conclude [1] 47/7 46/22 86/15 89/21 89/24 92/10 100/3 130/3 91/16 122/3 123/14 124/6 124/14 124/15 concluded [1] 146/10 concluding [1] 113/10 Chamberlin [7] 1/17 2/6 2/20 5/5 25/12 131/24 142/18 conclusion [2] 104/7 146/19 111/22 150/14 comes [7] 29/23 37/3 51/8 78/10 79/17 chance [1] 131/15 82/21 134/16 Concord [1] 1/4 coming [12] 48/13 48/23 54/15 83/20 chances [1] 84/10 conference [1] 131/4 110/21 110/23 111/10 111/15 119/15 conflict [1] 50/1 change [10] 12/1 24/6 24/21 29/24 30/15 conforming [1] 87/19 confused [3] 57/23 59/13 124/18 34/21 55/6 63/17 65/5 79/21 121/11 141/6 144/18 comment [1] 64/24 changed [1] 24/20 changes [13] 16/20 24/24 30/11 30/12 comments [1] 132/3 confusion [3] 50/3 59/23 90/20 30/21 31/4 31/8 31/9 42/21 50/5 69/3 74/14 commercial [4] 52/19 88/1 115/3 143/21 connection [1] 9/22 consecutive [11] 7/14 13/2 16/12 18/9 commission [75] 1/2 5/9 8/19 10/18 25/19 54/22 56/20 75/8 75/13 75/18 75/22 81/11 changing [1] 62/8 26/1 26/8 26/10 29/20 29/23 30/5 30/9 Chapter [2] 46/18 98/15 consequence [3] 51/2 107/7 142/11 consequences [7] 32/11 32/15 50/7 50/15 30/14 31/5 32/16 32/20 32/21 32/22 32/22 characterization [6] 20/18 42/11 101/1 34/9 34/11 34/18 35/8 35/15 35/19 37/16 50/23 59/11 142/4 102/11 107/1 112/18 37/23 42/17 43/2 43/20 43/24 44/1 44/4 44/15 45/10 46/15 46/16 49/16 49/17 50/3 conservation [2] 93/17 138/20 characterize [1] 10/8 charge [3] 119/6 119/10 146/12 60/5 60/10 65/22 66/4 78/14 80/6 90/18 conserve [1] 93/22 consider [1] 44/5 charged [4] 40/8 40/9 58/14 141/24 95/12 98/18 104/18 104/23 104/24 124/15 considerable [1] 123/13 consideration [2] 98/22 110/10 charges [2] 119/5 119/9 127/11 135/14 135/16 136/10 142/16 charging [2] 59/19 136/18 chart [4] 10/9 10/19 54/4 140/21 cheaper [1] 113/23 144/13 145/14 146/2 146/6 146/10 146/14 considerations [1] 146/15 146/19 146/23 147/8 148/6 148/8 148/11 considered [2] 66/13 115/17 148/12 148/18 150/5 150/10 151/7 Commission's [8] 34/24 45/1 90/2 136/8 147/1 147/4 150/1 150/10 chest [1] 108/15 considering [4] 44/12 44/18 57/19 94/7 choice [27] 24/6 24/7 24/8 24/18 25/4 50/6 consist [2] 121/6 121/7 consistent [5] 45/12 143/11 146/10 50/15 60/1 99/3 99/10 99/19 107/9 115/3 Commissioner [14] 1/9 1/10 15/17 49/6 115/10 123/3 123/4 139/20 140/6 140/18 63/6 80/10 83/21 112/3 113/24 118/21 146/18 148/8 consistently [1] 148/12 119/23 120/4 135/10 140/1 140/18 140/24 142/8 142/9 142/12 143/15 Commissioners [4] 4/24 5/5 49/4 112/3 consists [1] 10/3 147/16 149/9 choices [9] 24/20 24/21 50/8 59/12 93/4 Commissioners' [1] 68/2 constant [1] 84/18 115/7 138/21 140/22 142/5 construct [1] 108/8 commitment [1] 131/13

125/14 125/22 125/23 126/13 126/24 date [3] 30/5 30/7 124/18 C dates [1] 74/7 day [13] 1/4 15/13 23/20 68/18 69/11 133/24 133/24 134/4 134/5 134/5 134/7 construed [1] 80/6 134/9 134/11 134/22 136/15 136/19 137/3 137/5 137/5 137/11 138/6 138/8 144/2 69/12 72/11 93/9 94/1 108/19 118/3 137/19 consult [1] 30/16 147/18 148/20 148/23 149/1 149/3 149/8 consumer [6] 1/17 1/18 5/5 22/10 42/15 139/5 149/15 149/16 150/20 150/21 days [1] 139/4 DE [55] 1/6 4/3 10/11 14/6 14/10 14/13 consumers [8] 21/11 21/16 21/23 22/9 could [108] 8/7 8/14 9/1 9/17 10/24 11/16 97/21 98/11 98/16 124/10 13/7 13/20 14/16 15/9 15/18 16/10 16/20 15/6 16/10 19/19 19/21 19/24 20/10 24/14 contain [1] 112/23 context [1] 5/16 20/22 21/15 21/18 22/8 23/7 23/8 23/11 35/20 36/23 37/8 42/4 45/2 48/9 48/18 23/13 23/15 23/22 25/7 28/20 29/6 29/10 49/16 52/9 52/15 56/8 57/18 58/4 59/6 59/7 continually [2] 118/10 118/10 31/24 32/7 32/9 32/9 32/10 32/15 38/12 59/21 60/1 62/1 71/5 71/7 71/23 74/2 81/15 continue [7] 12/11 23/17 69/1 75/20 75/20 40/18 41/16 42/17 42/22 43/1 43/2 43/22 81/20 82/2 82/5 83/2 94/10 101/22 102/7 46/1 46/3 48/4 48/7 48/8 48/11 48/15 50/15 103/8 112/14 113/11 120/19 138/11 141/11 81/8 135/16 continued [1] 126/15 50/17 52/24 55/7 57/22 58/18 58/19 59/15 142/7 142/10 146/10 147/18 149/6 149/17 continuing [1] 10/12 contract [3] 122/24 128/20 151/1 63/3 64/7 67/15 67/16 68/3 69/4 71/10 deadline [1] 74/4 72/20 74/24 76/7 77/1 78/22 79/23 80/24 deal [3] 53/17 94/15 108/13 contracts [2] 123/1 123/10 contrary [1] 148/4 dealing [1] 53/10 81/7 81/12 81/15 85/18 86/16 95/5 102/17 102/19 104/15 105/19 106/7 106/10 106/11 decade [1] 91/13 contributing [1] 149/15 106/12 106/24 107/11 109/1 109/6 114/19 December [4] 72/12 72/16 73/4 79/18 coop [1] 41/16 118/9 118/18 119/19 120/19 121/6 121/6 decent [1] 78/19 cooperative [1] 30/17 decide [3] 59/16 76/18 142/7 122/12 122/18 123/17 123/21 123/21 cooperatively [2] 30/10 31/7 coordinate [1] 88/7 decided [1] 53/16 123/22 124/22 127/21 128/1 128/2 128/3 128/12 131/1 deciding [1] 141/6 couldn't [2] 42/18 42/23 decision [9] 10/9 10/21 30/18 60/3 75/1 copies [1] 10/19 copy [6] 9/24 29/17 86/6 86/24 97/6 97/24 counter [1] 142/19 84/11 87/9 142/1 146/23 decision-making [1] 75/1 couple [8] 29/15 56/18 65/19 67/14 87/2 corner [1] 53/8 105/4 125/5 135/10 decisions [4] 11/24 74/22 93/17 93/17 corollary [1] 77/3 decrease [3] 13/24 14/2 48/15 deems [2] 37/18 37/24 correct [92] 4/6 10/7 10/17 12/7 17/1 17/5 course [5] 78/12 116/10 120/12 121/17 17/23 18/4 21/6 23/1 24/16 24/17 25/17 127/9 court [5] 1/23 32/13 85/21 87/10 131/5 deep [3] 109/12 110/17 115/15 25/20 26/4 26/12 26/18 29/1 29/9 29/14 29/21 32/17 33/10 33/14 33/23 34/1 35/20 cover [2] 23/6 23/12 default [121] 1/7 7/2 14/5 15/10 24/2 24/7 covering [1] 82/13 36/1 40/17 44/3 44/12 47/22 48/1 48/6 24/9 24/15 24/20 25/2 25/3 33/18 33/22 create [3] 90/21 120/19 148/13 created [3] 82/8 124/9 138/7 48/10 49/23 50/13 50/19 51/14 53/13 53/14 35/4 35/9 35/10 35/13 35/18 35/21 36/10 55/21 55/22 56/10 57/9 57/18 58/24 59/1 36/13 36/15 36/19 36/21 36/23 37/4 37/12 creates [3] 51/24 124/17 141/2 59/7 63/12 66/20 71/21 71/24 75/9 75/10 37/14 37/18 37/23 37/24 38/2 49/14 49/22 49/22 50/9 50/16 50/16 50/17 50/23 51/21 80/1 80/14 80/18 82/16 86/9 87/12 88/15 creating [3] 60/9 63/24 90/20 89/4 93/10 93/11 93/13 93/23 93/24 94/1 credentials [2] 90/3 128/1 51/23 52/2 52/4 52/9 52/11 53/2 53/11 54/4 94/11 94/13 94/14 94/19 94/20 94/24 95/4 credible [1] 143/1 58/4 58/22 60/6 61/18 62/21 62/22 63/23 credit [4] 106/13 114/18 114/20 127/19 95/16 95/20 96/7 96/8 96/15 97/2 97/16 64/1 65/1 65/4 69/11 69/16 74/23 76/9 criteria [4] 7/11 20/12 42/7 56/13 cross [16] 2/5 2/6 2/6 2/7 2/11 2/12 4/9 103/12 104/10 112/17 113/6 117/7 120/7 76/11 77/14 79/1 79/10 79/13 82/18 83/16 126/13 126/17 129/13 83/16 84/5 84/9 91/10 92/7 100/1 100/15 corrected [1] 9/8 4/10 5/12 5/17 12/9 12/14 47/19 48/3 92/19 100/22 101/2 104/9 104/10 104/18 104/24 105/7 105/20 106/18 113/11 114/8 121/24 correction [1] 18/11 correctly [6] 18/11 18/24 25/24 68/4 113/1 cross-examination [15] 2/5 2/6 2/6 2/7 125/13 132/17 132/20 132/23 132/23 133/1 2/11 2/12 4/9 4/10 5/12 5/17 12/9 12/14 133/13 133/15 134/2 134/3 135/4 135/15 cost [69] 14/19 14/20 29/13 33/21 38/18 47/19 48/3 93/1 135/21 136/2 136/7 136/11 138/23 140/8 39/6 45/5 48/8 49/12 51/4 51/16 58/15 61/2 crystal [3] 64/10 64/24 65/12 140/9 140/13 140/19 143/24 145/16 146/12 61/13 62/24 70/23 82/13 102/2 102/3 102/6 curious [1] 47/3 146/13 146/19 146/24 149/19 149/22 150/4 102/6 102/10 102/11 102/18 102/18 103/10 current [4] 64/1 71/19 137/7 137/12 150/7 150/15 currently [15] 14/9 24/1 35/16 36/13 37/7 103/13 103/13 103/15 103/16 104/1 104/2 deferred [1] 60/9 39/5 43/8 48/18 63/19 77/13 77/15 83/13 109/23 110/6 110/8 110/22 112/17 113/4 defines [1] 105/20 113/19 115/24 116/22 118/14 118/15 107/9 107/10 137/11 definition [1] 132/17 118/16 118/17 119/15 128/11 128/17 curve [1] 118/7 definitions [2] 101/20 105/20 128/18 129/7 136/12 136/14 136/15 136/16 customer [93] 7/13 8/7 8/23 10/5 10/10 degree [1] 127/3 delay [2] 74/11 123/14 12/22 12/24 15/8 15/10 15/18 16/11 18/8 136/17 136/17 136/19 136/21 136/21 136/23 137/2 137/8 137/10 137/14 138/7 22/6 22/20 22/22 22/23 23/23 25/1 28/2 denied [2] 45/23 148/6 Deno [1] 1/11 138/12 138/16 142/13 146/14 28/15 38/20 40/19 40/22 41/15 43/11 48/18 48/19 50/3 50/6 50/14 50/15 50/20 52/21 deny [1] 142/16 cost-based [7] 61/13 62/24 136/12 136/14 136/15 136/21 137/2 53/9 53/12 53/16 53/24 54/5 55/21 60/7 depart [1] 149/5 costs [139] 13/12 13/14 13/18 14/14 14/17 62/23 63/16 64/1 64/7 64/13 65/11 68/6 department [1] 42/16 68/8 68/13 75/11 82/5 82/6 82/14 91/17 depend [6] 15/9 15/9 29/12 40/2 40/3 14/22 15/1 21/11 21/16 21/22 22/8 22/12 29/6 33/12 33/15 33/17 34/3 34/3 34/3 34/7 93/7 94/7 95/3 95/6 98/19 99/3 99/10 99/19 58/13 34/9 34/13 34/19 35/3 35/6 35/7 35/7 35/8 105/13 105/16 106/1 106/7 106/10 106/12 dependent [2] 91/10 140/2 35/12 35/23 35/24 36/3 36/9 36/22 36/24 106/23 114/21 122/2 123/9 126/11 128/12 depending [7] 10/5 24/10 39/19 40/24 37/3 37/7 38/10 38/18 38/22 39/3 39/10 128/12 129/8 133/7 134/12 134/12 135/17 48/10 48/14 67/18 135/22 138/11 138/18 138/19 139/20 140/6 39/12 40/22 41/3 47/21 47/24 48/4 49/21 depends [5] 40/7 40/8 43/17 71/14 121/2 51/9 51/10 51/11 51/12 51/20 51/22 51/23 140/11 140/22 141/4 141/6 141/11 143/19 depicts [1] 10/4 52/9 52/14 52/21 55/5 59/20 60/10 61/14 144/21 deploy [1] 39/14 customer's [2] 140/18 140/18 61/15 70/5 70/7 71/14 71/15 72/7 78/6 82/3 deployed [1] 39/22 describe [2] 72/3 111/14 customers [167] 97/21 98/11 98/15 101/5 101/5 101/21 101/21 101/23 102/14 102/15 102/19 described [5] 11/12 13/10 55/2 86/20 92/3 describes [1] 78/3 102/22 103/7 103/8 103/9 103/9 103/10 103/11 103/14 104/1 104/2 104/4 108/9 daily [1] 114/1 description [1] 13/9 110/2 110/4 112/11 112/11 112/14 112/15 damage [1] 123/21 design [4] 30/11 31/8 100/14 100/20 112/23 113/5 118/13 119/2 122/6 125/12 data [2] 38/8 38/13 designed [4] 60/7 74/16 132/24 135/17

62/6 63/12 63/21 64/15 65/13 65/19 65/22 economic [1] 114/4 66/5 66/22 68/17 68/19 68/19 71/3 74/15 edgewise [1] 30/20 desirable [1] 114/18 76/22 81/7 81/12 83/4 83/8 84/14 85/6 86/6 education [2] 42/1 43/5 86/7 88/5 88/7 90/13 90/24 95/7 95/10 effect [18] 21/16 21/19 21/22 22/8 55/24 desire [1] 111/5 despite [1] 17/21 96/17 96/19 97/6 97/8 99/8 99/9 100/1 60/19 60/21 61/15 72/13 73/13 79/15 detailed [1] 109/24 104/12 104/14 109/19 110/15 114/11 117/12 121/20 121/23 136/13 139/19 140/6 determine [4] 46/17 69/12 94/16 140/23 144/21 116/20 116/23 117/21 120/18 121/5 122/15 determines [2] 35/15 60/10 determining [1] 149/21 detrimental [1] 68/11 effectively [2] 120/7 147/16 effects [6] 139/10 139/15 139/16 139/21 122/16 123/10 123/11 126/4 126/16 126/19 128/20 128/21 129/14 130/3 130/15 130/23 131/19 132/6 133/9 134/6 134/17 135/16 140/14 140/15 135/20 137/9 137/18 141/24 142/9 149/6 develop [7] 30/11 31/7 45/3 49/18 60/5 efficiency [2] 93/17 138/21 61/14 135/14 149/8 effort [1] 125/23 developed [3] 45/11 46/16 52/22 doable [1] 78/17 efforts [2] 74/15 116/11 docket [21] 4/3 5/19 6/21 43/23 43/24 44/ either [11] 15/16 19/8 24/14 24/15 26/14 developing [1] 58/8 development [9] 60/8 60/18 61/19 99/3 45/2 45/18 49/16 73/16 73/19 96/9 96/23 36/24 78/4 100/6 120/14 128/13 131/21 elaborate [1] 113/13 elaborating [1] 107/16 115/1 126/9 126/10 130/20 146/9 146/9 135/18 135/23 145/11 149/19 150/17 diagram [2] 10/4 53/4 150/1 150/11 did [33] 9/7 26/24 27/1 27/23 55/20 65/23 dockets [3] 78/23 79/1 79/8 elect [1] 106/19 70/16 70/17 73/2 86/3 86/5 87/13 87/15 electric [8] 55/21 97/20 98/10 114/14 document [3] 11/4 11/12 86/20 94/3 94/6 97/13 97/14 101/24 102/1 102/7 documentation [1] 146/17 120/8 120/20 129/17 135/4 does [67] 12/22 13/23 14/13 14/16 14/24 15/2 16/7 19/18 20/8 21/19 25/6 33/19 102/9 104/20 104/22 105/10 106/21 106/22 electricity [22] 21/12 21/17 21/23 22/9 48/5 48/8 55/13 97/21 98/12 98/16 105/8 132/8 132/13 144/15 146/23 147/2 148/3 34/20 35/6 37/10 37/13 37/20 38/10 45/7 105/10 105/21 105/23 106/1 114/8 114/10 150/14 45/8 47/7 47/9 51/24 54/11 54/17 54/24 115/20 118/18 124/11 133/2 149/12 didn't [6] 23/21 27/21 34/18 82/7 127/14 145/3 55/14 55/15 55/23 58/20 61/8 68/19 79/13 element [3] 99/10 99/20 110/1 81/5 86/9 86/23 87/4 87/5 92/4 96/20 98/8 elements [1] 99/4 difference [8] 7/4 11/22 43/14 64/23 78/5 112/16 125/6 125/11 98/13 99/2 99/5 99/7 99/22 102/10 104/8 eligibility [12] 7/11 12/21 18/3 18/7 19/1 105/12 105/15 107/9 107/10 110/21 111/6 20/12 42/7 75/6 76/20 76/24 77/4 77/9 different [22] 16/16 16/17 20/13 23/12 31/24 44/24 59/22 60/15 61/16 68/15 68/16 112/23 113/13 116/13 116/18 118/5 118/24 eligible [16] 7/12 8/7 12/22 43/9 54/12 94/4 96/20 101/20 112/12 116/24 119/6 122/4 122/5 125/9 133/23 150/6 150/9 57/7 64/2 74/20 75/11 76/1 76/2 80/17 119/17 126/4 138/11 139/1 139/4 150/16 94/18 94/23 120/24 139/1 doesn't [15] 30/24 31/1 32/21 58/1 61/19 difficulty [1] 139/17 else [8] 6/7 39/24 45/15 50/10 61/6 84/23 70/7 71/9 74/4 106/6 106/10 116/1 134/4 direct [12] 2/5 2/11 4/5 4/9 5/16 6/18 113/15 118/23 elsewhere [2] 116/11 124/24 embedded [1] 136/23 12/18 18/1 20/20 58/11 86/1 107/17 140/3 141/4 145/4 directed [4] 143/23 144/1 146/16 148/12 doing [14] 39/15 39/15 40/7 51/16 64/9 direction [2] 13/7 124/20 69/14 81/23 82/4 91/19 114/4 119/18 employed [1] 39/5 directionally [1] 124/19 121/19 125/15 130/9 employees [3] 134/16 137/7 137/12 don't [52] 4/11 12/11 19/2 25/9 27/8 27/12 directive [1] 146/18 enable [1] 114/21 directly [5] 61/21 87/18 88/2 100/12 149/2 27/13 30/22 36/6 36/8 36/14 38/14 38/22 enact [1] 145/15 encourage [3] 104/9 133/14 133/21 encourages [1] 133/13 Director [2] 96/6 96/17 40/19 40/19 43/24 44/20 44/22 50/13 51/21 disadvantage [4] 111/12 116/2 119/8 53/17 54/3 58/8 60/22 60/23 62/13 62/14 63/1 63/11 66/15 72/21 75/14 75/14 85/7 end [24] 8/15 9/11 22/23 23/4 23/17 30/13 119/11 disagree [1] 145/19 88/2 92/17 93/21 97/22 102/19 103/4 106/3 32/16 33/2 68/18 68/19 68/20 69/4 69/11 110/4 114/5 116/14 118/20 118/24 118/24 disagreement [2] 16/22 17/3 69/12 77/18 80/7 84/19 87/17 90/1 95/7 126/6 131/1 131/22 134/5 140/17 116/6 119/5 127/5 131/5 discard [1] 148/11 end-user [1] 119/5 ended [2] 135/24 151/20 ending [1] 8/11 disclosures [1] 108/22 discount [1] 20/4 done [17] 41/24 58/9 58/10 68/10 70/10 70/24 71/5 71/8 73/12 73/19 81/22 83/18 discounted [5] 17/13 100/1 100/15 100/22 123/21 124/4 128/10 128/11 130/9 ends [1] 22/21 door [1] 41/9 double [1] 109/1 discourage [2] 133/19 133/19 energy [40] 1/7 1/15 5/2 7/2 25/2 25/3 down [16] 29/6 37/3 51/4 52/10 54/10 discouragement [1] 140/9 25/4 47/14 49/14 52/2 59/18 70/11 87/4 discovery [2] 9/23 89/17 54/21 64/2 99/1 104/17 109/1 109/2 113/17 87/5 88/10 88/12 91/11 91/21 93/5 93/17 122/13 122/15 129/10 134/16 discriminatory [4] 136/12 138/24 139/7 93/22 96/11 97/4 101/15 106/21 108/10 139/12 Dr [1] 17/17 114/22 115/4 115/5 117/23 118/9 118/23 Dr. [3] 16/3 132/7 147/19 119/2 127/7 136/7 136/11 138/20 138/21 discuss [1] 30/7 discussed [4] 72/6 74/2 106/24 117/9 Dr. Estomin [3] 16/3 132/7 147/19 138/23 149/22 discussion [6] 34/5 39/2 92/18 112/10 draw [1] 113/17 engaged [1] 122/23 drawing [1] 142/18 drive [1] 136/1 drop [1] 130/4 England [2] 87/14 89/8 115/12 131/8 enhance [1] 44/16 discussions [1] 30/9 disincentive [1] 129/3 enhancements [3] 43/21 44/5 44/12 dismiss [2] 45/23 148/4 dropping [1] 125/14 enormous [1] 109/2 distinction [1] 121/15 Dubuque [1] 41/10 enough [5] 41/5 89/19 114/7 123/24 124/3 distort [3] 137/17 138/4 138/17 duly [1] 85/20 enroll [1] 108/17 distorted [2] 123/22 124/18 duration [2] 123/9 128/15 ensued [1] 131/9 distorting [1] 138/13 distortion [1] 138/2 during [9] 8/17 14/3 34/6 52/16 52/16 79/17 93/20 144/8 145/6 ensure [6] 18/11 20/3 21/24 50/3 132/24 149/12 distribution [1] 40/15 dynamic [1] 55/11 enter [1] 91/4 district [1] 41/12 entered [2] 107/20 143/3 entering [2] 101/12 111/4 divestiture [1] 99/13 do [116] 4/16 5/15 9/24 10/2 15/16 15/20 each [7] 30/16 41/9 71/15 82/14 104/20 entertain [1] 148/13 16/4 16/6 16/10 16/23 17/6 17/17 20/3 23/2 entire [2] 8/17 22/3 117/20 149/20 23/23 26/9 27/4 27/5 28/21 29/10 30/2 32/3 entirely [1] 138/11 earlier [10] 44/18 49/16 57/24 68/2 71/19 79/22 87/6 96/9 136/23 146/23 entity [5] 87/17 96/18 97/1 110/21 115/14 32/7 34/24 38/17 39/8 41/14 42/12 42/23 42/23 43/2 44/14 44/14 45/9 45/20 46/24 easier [1] 10/20 entrant [1] 121/12 54/7 54/9 57/3 58/6 59/17 59/22 60/19 61/5 easy [1] 62/7 entrants [1] 124/21

expansive [2] 109/4 115/10 113/12 113/13 113/16 115/11 116/2 131/19 Ε expect [3] 50/7 50/14 144/5 136/14 138/3 141/12 146/22 148/3 entry [3] 87/19 111/2 128/13 expected [1] 64/22 expended [1] 125/22 fit [1] 54/9 five [3] 11/3 40/20 99/1 environment [1] 110/3 expense [1] 52/5 fixed [11] 14/14 14/17 14/20 15/1 47/21 equation [1] 118/3 equilibrium [1] 84/17 experience [2] 126/19 127/1 51/12 52/21 126/12 136/23 144/2 149/15 expires [1] 95/4 equipped [1] 128/4 flat [1] 34/11 equivalent [1] 110/20 erroneous [3] 107/2 107/3 107/8 erroneously [1] 106/18 explain [5] 14/16 20/22 53/23 76/10 flew [1] 41/16 flipped [1] 74/10 floating [1] 127/5 102/20 explanation [1] 72/4 errors [1] 86/8 explicitly [1] 30/24 flock [2] 120/23 121/7 explored [1] 106/4 floodgates [1] 32/8 especially [4] 8/9 20/8 52/16 52/18 flow [7] 10/9 10/19 53/4 59/7 62/21 84/18 Esq [6] 1/12 1/14 1/15 1/16 1/17 1/19 exploring [1] 44/13 expressed [2] 43/20 150/11 extend [3] 21/24 33/3 77/19 140/21 essence [1] 33/21 essentially [11] 7/4 10/9 14/21 18/3 20/13 flowing [1] 112/18 fluctuations [1] 115/5 extended [5] 17/13 17/15 20/4 20/5 21/2 24/3 25/5 49/23 91/11 108/16 125/21 extent [8] 28/23 30/12 39/6 61/9 72/18 establish [3] 90/1 104/18 104/24 focus [1] 90/9 established [2] 49/11 61/24 74/21 142/12 148/21 focuses [1] 90/17 extra [3] 82/15 82/17 84/8 focusing [1] 124/5 estimate [1] 83/8 estimated [3] 101/23 112/15 112/17 fold [2] 62/16 92/1 Estomin [5] 16/2 16/3 132/7 132/7 147/19 folks [6] 91/8 123/12 126/2 127/14 127/19 Estomin's [1] 17/17 etcetera [6] 33/9 112/24 112/24 113/3 128/8 F:1 [5] 97/16 97/18 98/8 98/24 148/18 F:2 [2] 105/19 114/7 follow [8] 5/17 10/20 18/24 46/24 52/6 130/4 130/4 F:3 [9] 50/2 50/2 60/2 104/15 140/24 142/3 80/13 110/13 111/3 evaluate [2] 73/17 77/21 evaluated [2] 31/18 32/20 145/17 149/10 150/16 follow-up [2] 46/24 110/13 following [5] 18/10 21/21 63/9 70/2 73/9 face [1] 148/15 evaluating [1] 78/11 evaluation [1] 32/2 fact [14] 16/9 38/24 45/23 56/7 90/17 follows [1] 28/15 107/1 109/3 109/9 109/11 123/3 128/18 Foods [1] 88/4 139/6 143/14 147/4 even [15] 14/12 48/18 60/13 74/19 76/9 footnote [1] 97/15 77/24 78/9 82/9 100/3 115/4 135/1 137/24 factor [1] 118/2 footnotes [1] 100/13 138/6 142/13 144/21 factoring [1] 117/24 force [1] 120/11 forced [3] 50/9 98/19 127/13 event [2] 128/18 134/15 facts [1] 132/5 forecast [12] 71/14 71/16 72/11 72/17 events [1] 144/4 factual [1] 46/15 fair [5] 41/5 96/22 114/7 128/7 147/10 fairly [2] 83/19 135/12 eventually [1] 127/6 72/22 73/6 73/14 91/7 93/12 137/17 137/22 137/24 ever [1] 139/17 every [7] 23/11 75/16 81/6 110/24 117/23 forecasted [10] 70/8 70/22 70/23 71/3 familiar [4] 21/7 65/7 95/12 129/19 137/8 137/8 far [4] 59/17 69/13 89/14 130/11 72/7 72/14 72/15 72/18 73/6 137/17 everybody [5] 55/23 56/2 114/16 118/4 forecasting [2] 70/5 71/2 fast [1] 144/20 forecasts [6] 71/19 71/20 72/18 72/24 favor [1] 18/2 118/23 138/9 138/9 everyone [6] 5/11 6/2 89/16 131/4 131/15 February [1] 72/11 fee [1] 128/14 139/9 forever [1] 131/6 feel [3] 67/19 119/7 126/6 forgive [1] 66/16 everyone's [1] 151/12 everything [1] 69/6 felt [3] 9/8 133/12 140/16 forgotten [1] 74/9 everywhere [1] 143/11 few [19] 6/22 11/21 12/19 23/14 23/17 form [1] 129/11 forth [11] 18/12 18/16 18/17 19/17 19/19 evidence [2] 4/4 4/16 25/13 27/21 47/17 49/5 69/21 70/1 75/16 evident [1] 91/19 77/1 77/2 79/23 110/14 112/5 147/5 150/14 19/20 68/7 68/14 81/12 112/11 142/18 exacerbated [1] 126/17 fewer [3] 73/5 126/24 126/24 forthcoming [1] 125/19 field [1] 122/9 exactly [4] 41/11 54/24 96/5 107/21 forward [12] 13/23 44/16 62/5 118/7 examination [19] 2/5 2/5 2/6 2/6 2/7 2/11 Fifteen [2] 11/10 11/11 118/12 118/14 118/22 121/4 137/20 137/21 2/11 2/12 4/9 4/10 5/12 5/17 6/18 12/9 figure [7] 30/1 56/18 64/2 64/10 130/8 138/1 144/16 Fossum [11] 1/12 2/5 2/12 2/22 4/18 55/3 12/14 47/19 48/3 86/1 93/1 139/13 141/7 examine [1] 149/21 example [7] 10/7 12/3 70/12 87/23 106/12 figured [1] 51/23 79/23 96/1 98/5 103/5 146/5 figuring [1] 61/19 file [3] 14/1 33/3 146/16 found [4] 9/9 30/3 100/6 143/1 114/17 127/20 foundation [1] 64/19 excerpt [1] 27/19 filed [8] 5/19 6/21 30/8 46/11 78/7 79/20 four [1] 98/24 frame [1] 55/14 excess [1] 128/15 123/15 151/8 franchise [1] 87/11 excessively [1] 20/5 filing [10] 25/17 26/3 73/18 74/5 74/7 78/3 exclude [1] 31/2 78/8 78/10 79/14 148/4 frankly [1] 123/22 exclusive [1] 87/11 free [5] 66/4 76/11 149/8 150/23 151/5 filings [1] 82/1 final [2] 81/21 144/9 exclusively [1] 89/1 Freedom [9] 87/3 87/4 87/13 89/23 96/6 excuse [5] 16/3 46/3 46/5 92/19 102/21 Finally [2] 9/22 135/9 96/9 96/17 96/20 96/23 excused [2] 85/9 130/7 financial [6] 109/18 110/15 114/4 115/15 fresh [3] 55/15 55/23 56/2 FROMUTH [20] 2/10 3/5 4/22 85/11 85/15 exhibit [17] 3/3 5/20 9/10 10/16 10/17 116/4 116/19 85/20 85/24 86/3 87/2 89/24 90/16 92/10 10/23 11/9 11/13 46/4 46/6 66/16 70/12 financially [1] 109/14 find [6] 9/7 46/7 109/1 125/23 127/6 149/1 70/14 70/15 86/18 86/21 140/21 92/23 96/4 109/5 125/5 130/7 131/24 Exhibit 16 [1] 86/18 132/13 134/20 finding [3] 61/18 80/4 100/4 Exhibit 7 [1] 70/12 finds [1] 35/8 Fromuth's [3] 4/9 45/24 46/9 Exhibit 9 [2] 5/20 9/10 fine [3] 44/6 81/21 86/10 front [7] 10/1 16/5 27/4 27/24 29/17 38/14 exhibits [3] 130/16 130/19 130/20 finish [2] 131/3 131/13 104/12 frustrate [1] 91/1 fulfilled [1] 99/17 exist [5] 25/6 38/22 38/23 107/9 107/10 firm [1] 91/15 first [45] 4/16 5/13 12/3 12/17 15/13 17/6 existence [2] 38/24 39/1 existing [2] 29/13 40/5 exists [2] 25/5 77/15 18/1 23/20 25/19 29/16 31/15 32/6 34/7 fulfilling [1] 8/12 34/10 54/15 56/3 59/24 65/15 70/3 75/7 full [12] 8/12 8/16 75/15 75/24 76/1 118/15 exit [1] 127/13 84/12 87/3 88/16 88/19 89/2 91/6 92/20 118/17 119/16 126/2 130/20 143/18 147/24 exited [1] 139/16 94/1 96/5 101/3 106/16 108/19 111/4 113/9 fully [4] 110/1 144/5 147/24 149/12

function [1] 39/19 funding [1] 111/15 funds [1] 62/20 further [9] 25/10 46/21 69/2 95/23 111/20 138/2 138/13 149/14 151/14 future [5] 56/14 120/15 127/4 141/13 141/16 gain [1] 92/2 gaming [12] 18/14 18/18 19/3 27/21 28/24 67/22 67/23 68/2 68/4 68/7 68/15 129/4 gave [1] 110/14 general [3] 38/7 39/17 79/14 generally [2] 21/9 114/2 generated [1] 78/12 generating [1] 99/14 generation [6] 113/12 113/18 135/5 135/8 150/5 150/8 generis [1] 132/14 geographically [1] 100/19 get [59] 4/12 4/15 6/3 20/11 27/17 30/1 30/16 30/20 31/5 31/20 32/5 36/10 41/6 41/23 42/14 42/23 43/2 43/3 46/1 50/16 51/3 53/7 55/18 57/16 57/18 57/23 57/24 59/4 59/12 61/14 61/21 62/18 62/20 71/9 72/10 73/4 73/8 74/13 75/6 75/11 75/12 77/9 80/21 81/2 82/7 82/10 82/15 82/17 83/3 83/20 83/22 108/17 113/19 115/21 121/5 122/3 126/21 133/15 145/1 get it [1] 46/1 gets [5] 52/1 52/2 55/2 71/5 71/7 getting [3] 43/3 43/11 134/19 give [9] 5/16 9/17 13/7 46/4 70/16 72/3 87/23 131/15 135/2 given [4] 12/18 28/11 123/6 138/19 gives [2] 8/8 34/20 glad [2] 74/10 142/24 go [76] 4/5 4/14 6/7 8/13 12/3 28/17 29/7 31/15 32/6 41/12 41/17 44/16 50/16 52/8 53/12 54/5 54/20 54/23 55/14 55/15 55/24 56/13 57/21 60/20 62/16 64/16 64/23 65/13 65/18 67/14 74/23 75/13 75/14 75/15 75/15 75/17 75/21 76/3 76/12 76/15 76/19 77/6 77/13 78/1 79/7 79/15 81/1 81/14 81/15 83/24 84/13 84/20 87/3 87/5 89/12 92/21 103/4 108/10 109/13 110/8 117/18 118/18 124/24 127/12 128/9 129/3 130/23 131/6 131/7 131/11 131/19 131/20 133/8 142/14 143/9 145/1 goal [2] 58/21 61/21 goes [12] 30/14 37/11 43/5 72/13 73/13 91/3 108/6 116/16 118/2 129/5 133/2 133/2 going [82] 9/9 17/24 18/12 18/16 19/15 19/16 27/19 27/20 29/12 32/19 32/23 35/12 35/13 38/4 41/7 41/18 41/22 44/23 51/8 51/13 54/10 58/12 58/18 60/23 62/1 62/15 64/3 64/11 64/14 67/1 67/18 68/21 69/2 69/12 70/10 72/1 74/18 76/5 78/3 78/7 82/9 83/17 83/22 83/23 84/11 84/13 84/17 84/19 89/19 90/4 105/4 110/1 112/20 114/23 118/14 120/3 120/11 121/4 121/16 121/18 121/21 123/7 123/18 125/1 132/3 133/8 134/13 134/14 134/18 134/19 135/20 137/6 137/23 137/24 138/6 138/7 140/5 141/12 141/23 144/19 144/19 144/19 going-forward [1] 118/14 gone [1] 54/2 good [37] 4/17 4/20 4/21 4/23 5/3 5/4 5/7 5/8 5/10 6/7 7/23 10/13 26/24 31/20 33/11 47/14 47/16 64/9 64/18 65/20 66/18 68/10 69/10 77/8 78/9 78/11 85/19 92/4 92/22 92/24 115/13 115/16 119/1 119/24 120/1

126/22 128/22 gorilla [1] 91/4 got [19] 29/16 32/6 42/23 46/13 58/6 61/2 61/16 80/14 112/5 121/3 125/15 127/21 131/4 131/5 132/10 133/9 133/9 134/3 134/22 gotten [1] 4/4 governor [1] 144/18 Granted [1] 67/11 great [4] 27/2 108/12 111/12 124/9 green [4] 12/4 54/8 55/19 56/19 grew [1] 126/9 Grid [1] 87/18 ground [2] 38/3 121/17 groundwork [1] 146/7 grow [1] 126/15 guaranteed [1] 127/18 gubernatorial [1] 91/13 guess [14] 19/12 20/11 49/9 53/21 54/4 58/21 61/11 68/1 82/12 84/3 103/15 111/3 112/12 119/14

Н

100/5

had [42] 4/3 4/5 4/5 7/17 7/21 8/23 16/22 17/24 18/1 18/19 22/19 23/21 34/5 34/11 39/2 53/24 54/1 57/13 64/18 66/11 66/13 74/9 76/9 96/9 96/24 112/12 112/19 114/17 114/18 115/15 122/21 124/19 125/7 125/7 125/7 127/10 127/11 127/12 130/23 138/23 here's [2] 34/21 37/2 143/13 144/13 halfway [1] 133/22 Halifax [2] 96/11 97/3 Hall [4] 28/8 32/4 34/5 39/3 Hall's [5] 7/17 20/1 28/5 28/12 28/19 HAMPSHIRE [17] 1/1 1/4 1/6 1/12 4/19 87/10 87/24 88/17 89/3 91/12 97/20 98/10 111/16 114/12 115/20 117/14 129/15 hand [4] 44/15 44/17 53/8 124/7 handed [1] 99/2 handing [2] 11/4 98/5 handle [3] 56/17 64/18 119/1 happen [21] 10/6 13/23 16/19 16/20 18/15 23/7 23/8 23/11 23/15 31/23 32/1 32/9 58/2 home [2] 62/16 123/14 58/24 63/3 82/4 107/6 124/22 129/14 144/19 144/20 happened [4] 52/19 78/20 144/3 144/4 happening [2] 122/17 142/7 happens [4] 13/22 14/4 61/24 62/23 happy [3] 97/24 130/4 144/14 hard [7] 4/13 61/18 68/13 118/8 121/20 125/21 133/17 hard-wired [1] 125/21 harkens [1] 127/8 harm [8] ¹60/7 60/18 61/19 124/4 135/18 135/22 150/17 151/3 harmful [6] 61/21 63/2 107/22 108/2 108/5 150/13 harness [1] 97/12 Harrington [10] 1/9 2/7 2/12 15/17 49/7 80/11 112/4 120/5 135/10 140/1 has [59] 10/12 21/22 25/17 28/15 32/16 34/17 35/19 41/22 43/20 43/21 43/24 44/1 56/9 58/22 65/6 79/4 81/22 83/18 84/16 91/19 96/23 99/14 103/17 104/23 104/24 108/8 108/12 108/14 109/3 109/18 109/23 109/24 110/17 110/24 115/23 116/20 116/22 118/4 118/6 123/8 124/6 124/6 124/8 125/9 127/8 133/7 133/9 133/9 134/20 140/22 141/7 141/11 143/12 143/15 | 11 | 6 | 19/1 19/12 30/13 64/2 83/24 112/8 144/24 145/5 148/7 148/12 148/18 hasn't [1] 46/11 hasten [2] 127/10 127/11 have [247] haven't [6] 23/10 82/7 84/22 85/2 91/23

having [13] 6/10 7/15 17/14 23/17 24/1 66/23 68/24 69/7 78/9 100/3 109/1 110/14 he [8] 7/17 7/22 17/17 34/6 41/23 102/22 132/8 132/8 he's [3] 39/3 102/23 134/21 head [1] 29/19 hear [3] 23/21 94/3 103/19 heard [8] 6/22 33/9 41/7 87/22 108/18 110/9 135/13 148/19 hearing [11] 12/17 15/14 17/6 23/20 32/23 33/7 34/6 85/13 94/1 137/19 151/20 hearings [1] 79/18 held [1] 60/14 help [13] 12/20 18/14 19/2 20/21 53/4 53/6 59/6 67/6 74/24 82/2 102/17 122/12 149/12 helpful [3] 10/18 35/2 131/15 helping [1] 124/7 helps [4] 8/3 8/4 21/4 81/21 here [56] 6/3 11/21 13/8 29/19 29/24 30/15 30/20 36/2 36/18 40/18 41/6 42/20 44/15 44/16 46/1 49/10 56/18 59/3 60/13 61/21 74/1 82/1 85/18 87/23 88/13 91/24 94/1 96/14 97/22 100/18 101/11 105/3 108/19 112/13 115/8 116/3 116/8 117/4 121/17 122/10 126/21 127/21 129/4 130/5 132/3 132/10 133/15 133/22 134/13 135/9 135/20 139/2 141/19 145/22 150/2 151/8 herewith [2] 11/13 86/21 hesitate [1] 39/17 high [2] 20/5 88/3 higher [8] 17/14 29/8 63/13 63/18 65/1 109/6 113/20 117/18 highlighted [1] 7/3 him [2] 122/11 143/1 his [9] 4/5 5/15 90/1 90/2 90/11 102/22 114/17 132/12 143/2 historical [1] 33/5 hit [2] 72/21 73/3 hmm [1] 89/5 holiday [1] 26/24 hope [1] 127/4 hoped [1] 126/16 hoping [1] 49/11 host [8] 90/23 92/6 127/13 128/9 128/14 128/19 128/24 129/3 hour [4] 70/24 117/11 128/14 130/4 hours [1] 78/5 households [2] 88/20 88/21 how [59] 8/11 10/8 11/22 12/22 14/8 18/22 24/10 30/20 31/18 31/18 31/21 34/24 41/23 42/8 53/7 55/13 56/17 57/1 58/13 58/16 58/17 59/22 61/19 62/4 62/11 62/13 63/1 65/13 66/22 66/22 66/22 67/8 67/12 67/22 69/8 72/4 73/10 74/18 79/13 81/5 83/4 83/6 84/16 89/24 94/16 94/21 95/9 115/16 118/8 119/1 121/2 122/16 122/16 123/15 126/20 133/5 141/5 141/8 141/8 how's [1] 68/22 however [10] 19/17 19/18 43/17 55/4 64/19 136/18 138/24 140/14 142/6 146/21 hybrid [1] 129/16

l'd [7] 48/22 96/4 103/19 130/3 131/18 131/21 148/16 I'm [84] 4/5 5/21 14/7 15/22 18/10 20/11 21/21 21/21 27/18 27/19 27/20 28/13 28/16 30/2 30/4 31/6 31/16 37/19 38/4 41/6 44/7 45/14 46/8 46/12 50/1 50/9 52/6 53/6 53/6 56/18 58/17 59/12 60/2 61/18 62/18 63/15 64/11 65/3 65/7 65/8 65/9 65/21 70/4 70/14

Indirectly [1] 88/18 I'm... [40] 73/24 74/10 76/15 76/23 83/3 83/10 83/17 84/13 89/12 90/1 90/3 95/5 97/24 100/3 103/3 105/18 106/5 107/14 107/14 107/15 109/21 112/8 112/24 113/19 113/24 115/8 115/21 116/14 120/3 120/24 122/8 124/5 125/17 129/19 130/4 130/12 132/3 133/4 134/17 142/24 l've [10] 46/13 66/2 66/2 80/2 80/14 99/2 112/5 114/17 121/3 133/12 I-a [1] 105/20 idea [7] 7/23 8/9 44/13 78/9 82/1 91/24 101/11 identifiable [1] 34/8 identification [6] 10/17 11/9 11/14 86/16 86/22 130/19 identified [1] 9/23 identify [1] 38/12 if [164] Ignatius [3] 1/9 2/8 2/13 ignores [1] 16/18 II [3] 50/2 142/3 149/10 III [1] 140/24 immense [1] 108/21 impact [8] 23/16 66/19 66/23 67/7 68/3 69/4 123/16 134/12 impacts [6] 45/4 45/5 49/12 68/24 69/9 122/14 implement [3] 104/9 147/11 151/9 implementation [10] 21/15 24/21 24/23 26/12 30/5 74/12 134/11 143/9 147/7 148/17 implemented [4] 24/5 29/22 55/16 120/6 implementing [1] 122/1 implied [1] 42/8 imply [2] 54/12 54/24 implying [1] 112/13 important [4] 77/10 89/18 122/20 143/7 Importantly [1] 149/4 imposed [1] 139/8 impression [1] 28/23 in [354] inaccurate [2] 138/9 138/17 incent [1] 148/24 include [8] 33/4 34/8 35/18 38/10 70/6 74/16 118/5 133/23 included [12] 35/10 35/12 35/17 36/3 36/22 37/8 38/20 72/16 103/11 103/13 134/8 137/6 includes [1] 30/24 including [3] 38/1 88/3 150/20 incoming [1] 134/14 inconsistency [2] 36/18 102/20 inconsistent [1] 136/7 incorporated [1] 71/7 increase [3] 48/8 48/15 83/23 increased [6] 13/16 50/5 91/2 99/2 99/10 99/19 increases [1] 13/22 increasing [1] 42/19 increasingly [1] 126/11 incremental [1] 39/6 incumbent [2] 120/15 128/5 incur [1] 136/20 incurred [3] 39/1 47/24 104/4 incurring [1] 137/11 indeed [1] 150/18 indefinitely [1] 143/9 independent [5] 79/11 115/19 119/3 123/8 indicate [1] 101/3 indicated [4] 47/20 48/4 136/10 136/22 indication [1] 66/17 indicator [1] 69/15

individual [3] 22/6 22/10 55/12 individuals [1] 40/2 induce [1] 84/6 induced [3] 124/14 124/15 128/12 inducement [4] 63/22 64/15 90/24 108/17 industrial [1] 143/20 industry [8] 97/20 98/11 99/5 99/11 99/21 101/4 126/20 132/9 ineligible [2] 105/23 114/11 influx [1] 65/16 inform [1] 74/24 information [17] 33/4 67/2 78/7 79/20 86/12 89/18 108/24 114/2 123/3 123/8 123/8 123/15 123/20 137/10 141/1 142/1 143/18 informed [1] 50/4 initial [4] 13/19 55/18 124/13 146/21 initially [2] 77/9 79/16 injure [1] 90/19 innovative [2] 127/23 149/13 input [1] 31/11 insofar [1] 147/23 instance [12] 57/10 65/24 66/8 72/10 75/7 93/22 94/9 94/17 111/11 113/12 113/14 119/4 insurance [4] 15/19 16/4 16/14 16/18 intended [1] 19/5 intent [2] 57/24 128/23 intention [1] 124/13 interest [5] 43/20 46/20 60/11 145/14 147/18 interested [2] 44/11 44/13 interesting [1] 89/18 interests [1] 147/17 interim [3] 74/24 78/8 141/18 internal [1] 114/6 Interrogatories [6] 2/7 2/8 2/8 2/12 2/13 2/13 interrupting [1] 109/7 interruption [1] 32/13 intervene [2] 73/16 96/10 into [39] 4/15 9/3 28/1 31/11 35/9 38/3 51/4 55/24 56/14 60/20 64/5 71/7 72/13 73/13 75/11 79/15 89/19 91/16 92/1 101/13 108/6 108/10 108/24 110/8 110/23 111/2 111/15 116/16 116/18 118/2 120/11 121/11 121/14 124/21 128/5 128/23 141/15 143/3 144/7 introduced [1] 143/12 introduction [3] 107/7 115/1 150/13 introductory [12] 87/2 94/4 94/7 94/18 94/23 95/2 95/4 95/6 95/8 141/20 141/24 investment [4] 91/15 116/22 125/8 126/6 investors [3] 110/11 125/7 126/3 involved [4] 75/7 81/5 117/5 126/5 irreversible [1] 140/15 is [529] isn't [21] 8/20 28/10 30/17 33/16 35/11 35/11 35/20 36/15 40/10 41/22 50/22 54/11 justify [1] 122/7 69/11 79/8 83/13 89/22 97/18 107/1 108/19 juxtaposition [1] 92/5 120/16 134/23 ISO [2] 89/7 113/21 ISO-New [1] 89/7 isolated [1] 111/11 issue [7] 16/21 18/1 132/4 135/11 145/18 147/13 151/18 issued [1] 45/10 issues [9] 17/24 45/11 46/15 90/9 100/11 132/16 144/10 145/13 148/2 it [336] it's [127] 4/13 7/10 7/16 7/23 8/20 10/9 10/9 10/13 10/20 12/16 13/14 14/18 16/11 18/17 19/5 19/15 19/16 25/16 25/23 26/14

26/16 27/9 28/5 28/7 30/22 31/18 32/1 32/2 34/2 34/15 34/15 34/22 35/22 35/23 36/23 37/14 40/9 43/6 44/17 45/5 45/24 48/17 56/23 56/24 58/12 59/2 59/3 60/11 60/22 61/13 63/21 66/12 66/23 68/8 68/10 68/12 69/15 70/8 70/17 70/18 70/24 71/18 74/18 76/4 76/4 78/17 81/13 82/1 82/2 84/19 86/10 86/11 86/11 87/17 87/17 87/21 89/17 103/1 107/13 108/4 108/4 109/10 109/11 110/20 110/20 113/4 114/1 115/9 117/1 118/8 121/8 121/20 123/3 124/3 125/20 127/23 127/24 128/17 128/18 129/3 129/5 130/24 131/17 131/18 132/4 132/17 134/1 135/2 135/12 136/21 136/24 137/1 139/11 139/12 139/22 140/5 140/5 140/10 140/11 140/20 141/3 141/10 141/17 143/2 143/12 145/3 145/5 items [1] 87/20 its [25] 14/14 14/17 15/1 49/17 72/7 72/16 74/13 77/22 92/8 95/11 113/12 135/4 135/5 145/21 146/12 146/19 146/21 146/23 147/2 148/15 149/23 150/4 150/8 150/11 150/20 itself [5] 14/18 33/7 117/20 124/8 146/7 IV [5] 46/17 135/2 135/2 150/2 150/3

James [1] 1/14 January [16] 28/17 29/21 29/22 30/6 55/16 55/24 56/1 65/6 72/13 73/5 73/9 73/13 73/21 79/19 95/17 144/20 January 1 [2] 30/6 144/20 January 1st [13] 28/17 29/21 29/22 55/16 55/24 56/1 65/6 72/13 73/5 73/9 73/13 73/21 79/19 Jim [1] 4/21 job [2] 39/19 40/3 Joey [3] 1/15 4/24 47/13 joint [1] 96/10 Jon [1] 5/1 Jonathan [1] 1/16 July [3] 28/18 79/21 95/17 July 1st [2] 28/18 79/21 jump [1] 29/6 jumping [1] 112/8 June [2] 46/2 46/15 jurisdictional [1] 104/20 just [95] 5/16 7/10 7/16 8/23 9/4 9/9 10/13 11/1 11/3 11/16 12/16 12/19 12/21 14/18 15/23 19/3 20/17 22/18 23/6 27/13 27/19 29/18 30/15 30/23 30/24 31/6 31/19 33/16 34/2 34/22 35/6 35/23 36/20 37/22 38/8 38/17 46/8 46/12 46/13 47/2 47/17 51/3 53/4 53/7 53/7 59/12 60/1 60/17 62/16 63/9 65/18 68/5 68/8 69/10 70/1 72/3 72/3 72/6 72/22 73/24 74/9 80/12 80/13 81/5 81/13 82/4 82/9 83/16 83/24 87/3 88/9 89/5 90/1 90/20 91/15 99/18 106/23 108/7 108/10 109/2 110/14 112/20 116/5 120/5 130/4 132/5 133/4 134/4 136/24 141/24 145/12 147/5 148/14 149/6 151/4

keep [8] 15/19 21/1 27/8 31/22 76/5 81/5 109/2 132/3 key [7] 99/4 99/10 99/20 121/7 132/16 135/9 135/12 kicks [1] 78/14 kilowatt [3] 78/5 117/11 128/14 kilowatt-hour [2] 117/11 128/14 kilowatt-hours [1] 78/5 kind [9] 6/3 16/18 41/18 58/16 67/12 68/24 88/2 114/23 132/6 know [93] 5/17 6/2 7/23 8/20 12/17 16/16

K know... [87] 20/23 22/15 23/5 23/8 23/10 27/17 30/19 31/20 34/15 34/16 34/16 34/17 34/24 40/19 40/19 41/5 41/13 45/9 48/22 51/1 53/5 54/3 56/23 57/2 57/4 57/4 59/19 60/12 60/23 61/3 61/5 62/4 62/5 62/6 62/10 62/11 62/12 62/14 63/24 64/4 64/7 66/1 66/4 66/5 66/23 67/10 67/15 68/1 68/6 68/9 68/18 68/22 68/24 69/2 69/7 69/9 76/4 78/18 81/24 82/4 90/2 92/17 95/7 99/14 108/21 109/3 114/5 115/23 119/2 121/21 122/17 129/3 129/4 129/14 130/12 131/1 131/2 132/12 133/19 134/21 139/12 141/4 141/11 141/14 141/23 142/1 145/18 knowing [2] 64/3 69/6 knowledge [5] 86/12 105/12 123/8 126/20 145/2 knows [1] 62/13

labor [1] 110/6

lack [1] 77/22

lag [1] 144/17

laid [1] 146/7 lapsed [1] 123/2 large [7] 52/20 67/9 109/12 127/3 134/13 143/20 144/2 largely [3] 128/9 128/17 140/2 last [15] 4/3 45/8 80/4 100/8 100/13 100/13 100/16 106/17 131/20 132/22 137/19 139/18 143/11 144/5 150/1 lastly [1] 142/2 late [2] 131/1 131/12 later [1] 7/20 law [12] 21/11 105/7 105/12 105/15 132/6 134/7 135/7 135/13 143/24 144/1 148/18 149/3 laws [1] 134/24 LCR [1] 1/23 Leader [1] 88/4 leads [1] 64/1 leash [3] 30/19 31/22 132/11 least [17] 7/14 13/1 13/16 33/2 65/15 75/22 77/17 78/21 80/19 80/20 81/11 84/15 103/18 111/7 114/13 120/21 135/13 leave [17] 15/18 16/11 28/18 28/19 50/15 61/22 63/22 64/16 75/12 76/11 76/18 77/2 124/24 128/8 133/8 141/7 150/23 Lee [3] 1/15 4/24 47/13 left [15] 4/14 9/2 28/24 42/3 52/20 53/8 54/5 56/8 56/8 57/12 83/5 84/12 90/9 126/12 126/24 left-hand [1] 53/8 legislature [3] 129/18 144/18 149/10 length [3] 17/3 34/6 147/14 lengthy [1] 39/2 less [5] 51/5 64/14 75/18 114/18 119/9 let [13] 27/17 29/18 33/16 38/8 46/1 49/9 49/9 64/12 65/18 67/22 70/11 87/2 135/16 let's [12] 4/16 8/18 26/22 38/6 41/11 73/8 81/13 85/9 85/10 109/22 115/18 131/7 letter [2] 101/17 101/19 letters [1] 82/1 level [3] 107/22 120/11 122/9 levels [2] 73/6 120/12 life [1] 50/22 light [2] 16/9 16/9 like [25] 5/15 10/11 29/5 30/19 31/12 33/24 34/20 39/17 40/24 41/3 42/10 43/23 66/10 78/24 91/21 96/4 98/1 103/19 117/5 119/14 125/6 126/3 130/3 131/19 148/16 liked [1] 143/1 likely [5] 16/11 23/3 63/17 64/21 84/19 limit [5] 8/6 21/20 23/23 80/6 131/14

limited [1] 136/1 limiting [1] 77/12 line [12] 28/13 28/14 70/21 99/1 100/8 100/8 100/13 100/16 100/18 115/2 134/10 147/8 Liner [1] 88/3 lines [3] 16/3 27/19 100/14 little [14] 4/13 53/5 56/16 59/13 67/6 72/4 89/12 100/3 100/4 112/9 112/21 115/3 144/8 144/22 live [1] 41/9 load [3] 140/2 140/3 146/14 located [1] 87/21 logic [2] 75/24 77/7 Logistics [6] 87/4 87/5 89/23 96/7 96/9 96/17 long [21] 24/10 57/1 69/8 75/14 79/13 94/16 94/22 104/10 124/6 133/13 133/14 133/21 139/15 140/9 140/13 140/14 140/19 141/8 141/8 141/15 151/13 long-term [9] 104/10 133/13 133/14 133/21 139/15 140/9 140/13 140/14 140/19 longer [6] 22/14 23/22 67/11 77/10 115/6 127/23 look [27] 7/24 9/10 9/14 11/1 11/23 13/8 28/9 44/9 45/3 48/11 57/22 61/11 61/12 68/6 68/12 68/24 70/12 70/21 72/7 73/12 79/5 83/11 86/9 115/8 116/23 118/22 118/22 looked [5] 7/22 57/4 66/11 71/15 117/15 looking [17] 13/12 29/21 29/22 31/16 44/16 50/2 56/1 60/2 62/5 67/3 69/24 72/22 84/9 114/7 115/8 122/14 128/24 looks [1] 55/4 loop [1] 82/4 loophole [1] 135/24 lose [3] 61/1 84/8 121/24 lost [2] 22/4 55/17 lot [14] 18/12 19/18 29/12 69/3 78/7 84/21 90/8 112/10 115/12 115/15 121/13 124/23 130/2 134/14 lots [5] 10/14 16/16 16/16 31/24 32/9 low [2] 93/21 123/23 lower [17] 32/5 41/23 42/3 43/3 48/4 48/18 49/21 57/16 61/17 84/2 84/4 84/5 84/13 101/13 112/21 120/19 122/3 lowering [4] 21/22 22/8 52/8 52/13 loyal [5] 41/15 41/22 42/4 42/6 42/9 luck [1] 42/4

М

lure [3] 90/24 91/24 133/6

madam [8] 5/14 10/24 46/22 86/15 89/21 92/9 100/3 130/3 made [10] 18/23 25/17 65/20 65/21 77/23 84/11 114/20 118/13 143/18 148/14 magic [1] 56/23 mailing [1] 137/8 main [2] 7/9 100/8 maintain [1] 120/13 major [2] 112/16 121/6 make [34] 19/4 30/20 31/4 39/17 41/6 41/11 46/13 50/22 63/10 74/5 74/22 77/19 77/22 80/14 83/7 84/11 93/4 93/16 105/3 112/20 116/9 116/21 121/18 122/4 122/5 123/11 128/3 133/1 133/3 138/20 140/22 142/1 142/7 142/9 makes [2] 30/23 117/3 making [8] 75/1 83/22 108/4 108/6 121/14 130/20 137/21 138/1 management [1] 93/5 managing [3] 88/5 96/6 96/17 Manchester [2] 41/9 88/4 mandatory [1] 134/2 manner [3] 70/10 150/5 150/9

many [14] 21/13 31/18 45/10 46/15 52/17 67/12 83/4 83/6 91/16 91/16 91/21 111/18 127/11 128/18 March [2] 72/12 72/15 margin [8] 58/14 61/6 110/5 110/11 117/24 118/5 118/10 122/7 marginal [38] 13/12 13/14 13/18 14/18 22/12 51/4 51/10 51/11 51/13 55/5 58/15 61/2 70/5 71/14 71/15 72/7 72/14 72/15 72/19 78/6 82/13 101/23 102/2 102/14 102/19 103/10 103/13 103/15 104/1 104/2 109/24 112/15 118/14 118/15 118/16 119/15 136/16 146/13 mark [2] 10/16 11/9 marked [3] 11/13 86/16 86/21 market [63] 14/21 15/9 16/19 21/2 22/13 22/15 29/12 43/20 44/5 44/11 44/12 44/16 48/10 54/2 58/15 61/4 61/14 61/17 63/2 64/5 64/20 64/21 67/11 69/1 69/17 76/6 87/14 87/17 88/11 88/16 89/2 91/4 107/5 107/6 107/21 108/17 109/13 110/3 110/22 110/23 111/2 113/16 113/21 115/4 116/9 116/18 117/2 118/12 118/23 121/11 123/21 123/22 124/4 124/6 124/21 126/2 126/8 137/20 137/22 139/16 141/3 143/19 144/16 market-based [1] 61/17 marketers [4] 60/24 117/17 117/21 124/22 marketing [15] 38/7 38/10 38/18 38/19 40/21 40/21 41/19 74/15 108/20 108/24 112/23 113/2 134/11 137/3 137/13 marketplace [19] 22/9 67/18 68/9 90/19 91/2 101/7 101/9 101/13 108/14 116/19 117/3 117/16 118/8 120/17 121/15 124/18 124/19 150/20 151/5 markets [14] 60/4 60/8 60/19 60/20 61/11 61/20 97/13 99/4 121/8 135/14 135/18 135/23 149/13 150/17 marketwise [1] 32/1 marking [1] 10/23 match [8] 7/11 7/17 8/2 18/5 18/6 18/19 20/17 58/18 matched [1] 18/3 matches [1] 58/17 materials [2] 38/19 113/2 matter [1] 45/23 matters [3] 4/12 4/15 130/15 Matthew [2] 1/12 4/17 matured [1] 124/6 may [28] 5/14 10/15 22/5 29/6 48/19 56/7 56/7 60/5 77/7 79/20 85/22 98/3 109/13 109/14 110/18 122/10 123/4 131/24 133/19 133/19 133/20 135/14 135/16 143/19 143/20 144/24 148/24 149/5 maybe [11] 10/3 55/18 59/2 67/13 72/2 72/4 76/23 80/13 122/12 133/17 135/13 me [49] 4/13 4/22 16/3 26/7 27/17 29/17 29/18 32/7 33/16 34/2 36/6 38/8 38/15 39/20 41/7 43/19 45/8 46/1 46/3 46/5 47/1 49/9 49/9 53/4 55/17 61/20 63/12 64/12 64/16 65/18 66/16 67/6 67/22 70/11 72/4 75/5 80/3 80/10 87/3 92/19 102/17 102/21 102/23 107/11 118/8 122/12 125/15 128/21 135/16 mean [20] 23/7 31/1 35/6 35/7 40/4 54/17 54/20 56/13 56/22 78/17 78/21 81/23 82/2 83/4 83/8 92/18 105/21 113/14 127/11 134/4 meaning [2] 33/23 41/2 meaningful [1] 150/18 means [17] 32/21 32/22 51/20 53/23 54/11 54/14 60/5 60/10 100/21 105/8 114/8 114/15 135/15 135/20 145/16 147/10 149/16 meant [1] 115/12 measure [5] 66/22 121/20 122/16 127/18

M measure... [1] 143/8 measurement [1] 116/6 mechanical [1] 70/1 mechanism [2] 116/24 128/7 media [3] 108/24 121/6 137/9 meet [4] 26/3 26/8 80/20 101/6 meets [1] 26/14 Megawatt [1] 70/24 Megawatt-Hour [1] 70/24 memorized [1] 46/13 memory [1] 73/24 mention [2] 23/21 87/22 mentioned [7] 7/18 18/19 20/20 23/21 45/24 66/14 129/9 merely [3] 108/7 110/13 110/22 Merrimack [2] 70/22 113/20 met [3] 42/6 76/24 127/16 method [1] 119/15 methods [1] 38/1 metric [1] 126/5 metrics [1] 122/17 Michael [1] 1/9 mid [2] 79/19 87/5 mid-year [1] 79/19 middle [2] 79/20 112/10 middleman [1] 88/3 might [14] 10/14 10/18 18/16 18/16 22/5 28/23 28/24 40/15 68/6 68/7 74/20 106/12 124/24 147/23 migrate [3] 124/12 143/11 148/24 migrated [6] 45/4 45/6 49/15 100/23 127/15 128/4 migrating [3] 49/13 91/9 132/19 migration [11] 52/11 69/13 122/22 123/17 124/23 126/11 139/22 139/23 139/23 140/4 148/24 million [1] 129/23 mind [5] 27/8 90/2 124/11 125/11 134/21 minded [1] 124/19 mindfulness [1] 126/23 mini [1] 117/5 mini-resumé [1] 117/5 minimize [3] 60/7 135/17 135/22 minimized [1] 50/4 minor [1] 147/9 minutes [3] 85/10 110/14 131/14 Miranda [10] 1/15 2/7 2/11 2/19 4/24 47/11 47/13 92/21 131/22 136/5 mischaracterizes [1] 102/22 missed [1] 80/2 missing [2] 113/4 130/12 misunderstanding [1] 76/23 misuse [1] 133/20 mitigate [10] 8/3 8/4 20/21 45/3 49/12 60/8 82/2 135/18 135/23 139/22 model [1] 127/8 modifications [1] 77/23 modified [1] 31/21 modify [2] 33/3 77/20 modifying [1] 137/4 moment [2] 27/22 129/9 money [1] 111/5 month [45] 7/6 7/8 8/1 8/10 8/13 8/13 8/15 8/24 9/4 10/7 11/20 12/4 12/5 17/8 17/12 17/18 18/2 18/6 53/20 53/21 53/22 55/19 56/5 57/2 66/17 68/17 73/12 74/11 75/16

77/3 77/8 78/8 78/13 79/17 80/7 83/14 93/9

93/20 108/23 145/20 145/24 146/1 146/3

monthly [6] 13/13 13/13 55/5 71/15 72/6

months [87] 7/15 7/16 11/22 11/23 11/24

13/2 13/15 16/13 17/22 18/9 21/20 21/24

147/15 147/19

26/15 26/16 28/16 33/2 54/21 54/22 56/20 56/21 56/22 56/22 56/24 57/4 57/15 57/15 57/15 57/17 62/9 64/2 64/10 65/20 65/21 65/23 66/2 66/6 66/9 66/9 67/14 69/4 71/17 72/15 72/24 73/5 73/20 74/20 74/21 75/8 75/15 75/16 75/18 75/19 75/19 75/22 75/24 76/1 76/22 77/1 77/2 77/5 77/18 77/20 78/16 78/21 78/24 80/17 80/19 80/20 81/1 81/2 81/6 81/8 81/8 81/11 81/13 84/8 84/12 123/24 124/2 139/4 139/5 140/11 140/12 147/5 147/22 150/14 151/9 more [43] 8/9 8/10 13/15 17/18 36/6 43/22 46/1 48/19 51/5 55/6 64/4 64/4 64/5 67/6 69/22 71/19 72/4 72/19 72/23 73/17 75/14 75/21 77/14 78/24 82/8 84/14 84/19 91/12 100/3 104/15 112/9 115/10 119/12 123/18 124/20 124/20 134/24 144/8 146/9 147/16 147/20 147/21 148/9 moreover [3] 104/7 112/22 113/10 most [10] 23/3 64/21 83/21 93/7 97/19 98/9 101/3 122/23 147/6 148/19 motion [5] 45/23 148/4 148/6 148/7 148/10 motivation [4] 116/13 116/15 117/2 117/2 motivations [1] 117/1 motive [1] 111/5 mouth [1] 63/12 move [9] 18/17 29/3 38/4 68/15 90/4 90/4 128/13 128/23 144/16 movement [6] 67/4 67/15 67/17 68/13 68/14 129/16 movements [1] 16/19 moving [3] 19/16 68/7 80/13 MPEU [2] 87/16 87/23 MPEUs [2] 87/14 89/23 Mr [53] 2/5 2/6 2/11 2/12 2/18 2/22 4/5 4/9 5/11 5/15 6/20 7/17 9/7 9/22 10/23 12/16 16/2 20/1 21/5 23/20 25/16 26/22 26/23 27/17 28/5 28/8 28/19 32/4 38/17 39/2 45/20 45/24 46/9 49/9 55/3 69/24 75/5 79/22 85/15 85/16 86/3 89/11 89/24 95/24 103/5 109/5 122/10 130/1 131/21 132/7 144/24 146/4 148/14 Mr. [22] 4/9 4/22 6/2 6/12 28/12 34/5 47/15 63/10 85/9 85/11 87/2 90/16 92/10 92/23 96/4 96/13 114/12 125/5 130/7 131/24 132/13 134/20 Mr. Fromuth [12] 4/22 85/11 87/2 90/16 92/10 92/23 96/4 125/5 130/7 131/24 132/13 134/20 Mr. Fromuth's [1] 4/9 Mr. Hall [1] 34/5 Mr. Hall's [1] 28/12 Mr. Mullen [6] 6/2 6/12 47/15 63/10 85/9 114/12 Mr. Rodier's [1] 96/13 Ms [9] 2/5 2/6 2/7 2/11 2/19 2/20 2/21 85/5 145/8 Ms. [8] 25/12 47/11 92/21 111/22 111/24 131/22 136/5 150/14 Ms. Amidon [1] 111/24 Ms. Chamberlin [3] 25/12 111/22 150/14 Ms. Miranda [4] 47/11 92/21 131/22 136/5 much [15] 42/3 43/17 90/22 106/8 107/10 108/23 109/6 112/18 115/10 116/24 119/5 119/12 132/2 141/5 142/1 MULLEN [25] 2/4 4/5 4/9 5/15 6/2 6/9 6/12 6/17 6/20 9/7 9/22 12/16 21/5 23/20 25/16 26/23 27/17 38/17 47/15 49/9 63/10 69/24 85/9 114/12 122/10 Mullen's [1] 5/12 multi [1] 33/16 multiple [1] 148/8 must [15] 7/13 12/24 33/21 34/19 35/3

36/3 36/19 37/4 87/20 108/15 110/8 113/10

117/21 134/1 136/12
my [49] 5/1 7/2 7/4 7/7 7/21 8/21 9/4 19/1
22/4 28/7 28/10 29/17 29/19 30/14 30/17
42/15 43/19 45/8 45/23 53/6 58/11 63/20
64/23 68/1 73/24 90/17 91/7 91/15 91/20
92/12 93/14 95/18 98/8 107/9 107/13
108/22 114/1 114/1 122/5 122/6 123/7
123/19 125/17 126/1 127/1 127/20 132/3
133/3 151/17
myriad [1] 145/21
myself [1] 126/3

Ν

nature [2] 40/3 140/5 near [1] 99/23 necessarily [4] 18/18 31/2 37/5 67/23 necessary [2] 30/12 135/5 need [9] 18/23 36/8 46/16 66/16 83/8 86/24 90/5 121/4 142/1 needed [1] 9/8 needs [3] 50/20 144/9 149/22 negative [7] 66/23 68/3 124/1 139/10 139/19 139/20 140/6 neighbor [1] 43/3 NEPOOL [3] 89/7 89/10 89/24 net [2] 132/24 133/10 Nevertheless [1] 16/1 new [43] 1/1 1/4 1/6 1/12 4/18 13/4 13/21 39/16 41/23 57/3 60/9 61/23 62/20 65/16 72/18 72/18 75/23 78/18 87/9 87/14 87/24 88/17 89/3 89/7 91/12 92/8 97/20 98/10 107/20 107/20 108/1 111/15 114/12 115/20 117/13 121/12 121/17 127/23 129/15 141/2 144/17 144/18 147/11 newcomer [1] 88/11 newer [1] 101/13 next [6] 41/9 43/19 53/20 85/15 101/16 102/5 nine [3] 74/11 74/20 74/21 no [83] 1/23 2/3 2/17 3/3 3/3 6/8 9/15 11/7 14/15 20/16 23/14 23/17 23/19 28/9 28/24 30/22 34/12 38/21 38/23 39/13 44/7 46/8 46/21 46/21 47/2 50/13 51/23 52/12 54/10 54/14 54/20 54/21 56/9 56/23 56/23 62/1 67/11 70/16 71/13 71/22 77/3 77/10 79/24 83/18 84/14 85/7 86/10 87/10 94/3 94/12 95/22 96/21 98/20 100/7 102/4 102/16 103/19 106/6 106/13 107/24 108/3 111/18 111/23 115/6 123/8 125/18 127/23 129/23 129/24 130/11 130/13 130/17 130/21 130/22 137/7 139/23 140/3 140/12 150/22 150/24 151/1 151/3 151/15 nobody [7] 50/10 52/24 56/4 56/5 58/19 114/12 133/2 noes [1] 12/1 non [27] 14/22 26/22 33/12 34/2 34/7 34/13 35/11 35/23 37/7 49/13 61/16 66/8 70/7 70/23 92/20 114/21 115/19 119/2 128/17 131/19 134/5 134/9 136/12 136/19 138/24 139/7 150/21 non-competitive [1] 61/16 non-cost [1] 128/17 non-discriminatory [2] 136/12 138/24 non-energy [1] 119/2 non-migrating [1] 49/13 non-operating [14] 14/22 33/12 34/2 34/7 34/13 35/11 35/23 37/7 70/7 70/23 134/5 134/9 136/19 150/21 non-PSNH [1] 114/21 non-public [1] 115/19 non-residential [1] 66/8 non-settling [3] 26/22 92/20 131/19 none [4] 89/15 110/9 137/5 148/9 nonetheless [1] 113/22 nor [1] 121/10

Office [2] 1/18 142/22 59/21 60/6 60/17 61/6 61/18 66/7 66/16 N oh [6] 46/10 76/13 89/6 103/3 113/7 132/1 66/22 67/13 68/10 68/11 69/5 69/9 70/8 normalized [1] 128/15 okay [105] 6/22 12/3 15/22 17/21 27/10 70/16 71/14 73/17 74/23 75/16 75/19 77/19 77/20 77/22 77/23 78/4 79/24 81/8 81/15 normally [1] 55/4 27/19 27/24 28/8 28/14 28/23 29/11 29/23 North [2] 41/11 41/15 83/2 83/14 83/17 84/12 84/23 86/8 86/9 30/12 30/23 31/14 32/10 33/8 33/11 34/2 not [175] 35/2 36/6 36/15 36/18 37/2 37/13 37/15 87/5 91/6 91/10 93/9 95/8 101/11 107/5 note [2] 143/7 149/24 38/3 38/6 38/24 39/11 39/14 40/13 41/2 109/1 109/2 109/19 110/2 110/22 111/16 noted [2] 148/6 149/11 notes [1] 29/18 115/15 115/16 115/17 115/22 120/15 41/5 41/14 41/22 42/2 42/12 42/17 44/8 44/14 45/17 46/10 47/4 47/6 48/17 48/24 121/12 122/4 126/20 127/23 127/24 128/14 nothing [15] 11/6 27/12 34/17 34/18 66/11 50/1 50/20 51/7 51/11 51/16 51/20 52/10 129/5 129/10 131/21 132/7 133/17 134/1 80/5 111/19 112/1 130/14 133/9 133/20 135/15 136/20 136/24 138/10 140/11 52/13 53/4 53/15 53/20 54/10 54/17 55/10 134/10 134/15 134/17 151/16 55/23 56/16 59/2 59/10 60/13 60/17 62/18 140/16 141/5 141/6 143/24 148/10 149/5 notice [2] 11/6 33/8 63/4 63/16 65/18 66/14 67/22 68/4 69/6 oral [1] 130/24 69/19 75/16 81/21 82/20 82/24 83/3 83/14 order [31] 5/21 7/12 29/23 44/4 45/9 45/21 notification [1] 123/11 notion [2] 91/8 91/24 85/4 86/11 86/15 86/23 87/13 88/5 88/9 45/22 46/1 46/14 46/16 47/3 58/6 58/21 59/7 64/10 68/2 70/2 73/23 76/2 82/3 92/18 Notwithstanding [1] 60/3 88/22 89/5 90/7 92/14 101/16 103/21 110/13 112/20 114/7 114/23 115/12 117/9 92/19 131/15 136/8 136/9 138/22 139/18 November [1] 1/4 now [86] 14/7 15/23 16/21 17/24 19/8 119/20 120/3 134/7 134/15 142/21 146/9 150/1 151/18 20/20 21/2 21/5 23/2 23/8 29/14 29/23 30/2 on [241] orders [5] 30/15 49/17 148/8 148/9 150/11 once [8] 24/5 75/11 76/2 76/24 77/4 80/20 30/9 31/14 32/16 32/20 36/15 39/16 40/4 organized [1] 112/8 40/7 40/20 41/18 45/8 50/8 53/15 55/17 81/17 95/20 oriented [1] 4/13 original [6] 7/21 26/1 26/14 73/6 95/11 56/17 58/10 58/17 61/4 61/16 62/19 65/1 one [81] 7/4 7/10 10/3 13/13 18/15 20/6 65/4 65/6 69/3 69/6 74/21 74/21 76/8 76/14 21/13 22/18 22/19 26/14 29/16 31/14 34/10 95/15 77/13 80/3 81/21 83/6 84/14 88/9 89/5 34/23 36/6 37/1 38/3 38/8 39/23 41/15 originally [1] 9/15 other [59] 4/12 4/15 10/11 10/18 12/11 89/20 91/6 95/19 97/10 98/18 98/24 101/2 41/22 42/4 42/5 44/1 44/15 50/22 51/1 51/2 51/4 52/15 57/7 57/14 57/15 57/15 57/17 18/13 19/12 20/9 22/19 30/6 30/17 31/14 104/12 104/17 106/16 107/14 114/14 114/17 115/10 117/9 117/20 118/16 121/9 33/23 39/21 40/12 41/1 41/2 41/9 41/16 57/20 60/1 60/22 65/9 66/9 66/21 67/5 68/6 44/17 57/19 58/4 58/10 60/22 61/10 66/9 123/18 125/15 127/21 129/24 131/11 68/11 68/21 69/5 69/15 70/17 74/10 81/21 132/10 132/16 132/22 133/12 133/22 137/6 83/10 87/13 88/9 88/22 91/17 98/17 98/24 68/23 78/3 81/4 82/18 83/19 87/13 87/20 139/13 139/14 140/24 143/17 144/24 145/2 101/8 101/21 106/4 111/7 112/16 112/17 88/10 89/6 101/22 106/3 108/11 109/14 148/11 148/13 116/3 116/8 117/21 120/22 121/12 122/12 110/24 110/24 111/4 115/19 116/6 116/23 number [21] 8/14 42/19 46/2 46/4 46/6 116/23 117/17 125/12 126/19 127/1 127/2 124/21 128/8 132/16 133/10 133/22 135/9 46/14 56/23 56/24 58/12 58/18 67/2 67/9 139/5 144/21 145/18 147/13 148/14 151/5 129/19 129/20 129/23 129/24 130/11 73/20 78/5 83/23 87/24 99/15 117/6 118/4 one's [1] 126/5 130/15 144/15 149/1 others [7] 34/8 43/6 57/22 65/10 65/21 one-page [1] 10/3 122/21 127/1 ones [1] 49/13 68/7 91/16 numbered [2] 97/11 105/6 numbers [4] 34/15 71/3 83/4 100/8 ongoing [1] 123/11 otherwise [17] 29/1 32/1 39/21 82/10 numerical [1] 122/19 only [20] 11/22 17/3 17/3 24/23 49/1 56/11 82/16 82/21 83/1 105/9 105/13 105/16 56/13 57/12 62/22 81/9 89/6 95/19 96/14 105/22 106/1 114/10 114/13 132/18 132/19 108/4 116/8 128/6 135/21 136/17 140/11 133/6 O:18 [6] 33/17 33/20 37/3 37/13 37/20 ought [1] 119/6 143/12 133/24our [11] 30/20 79/14 90/18 110/8 110/11 onto [1] 51/7 open [15] 19/24 32/8 43/24 44/9 54/24 118/21 129/17 131/2 137/7 143/1 146/2 oath [1] 6/13 objection [5] 10/23 11/7 130/19 130/22 54/24 55/4 55/8 73/2 73/16 125/18 128/20 ourselves [1] 109/1 135/24 141/9 141/10 out [65] 9/12 21/1 29/23 30/1 36/9 41/6 148/7 open-ended [1] 135/24 objective [4] 110/21 110/22 110/23 111/1 42/4 49/9 50/8 51/8 56/18 57/1 57/2 57/11 opening [1] 126/9 operate [3] 72/5 88/2 114/2 objectives [2] 109/14 116/21 obligation [1] 77/19 57/20 57/21 60/22 61/17 61/19 62/17 62/19 64/6 64/8 64/10 67/6 74/18 75/4 75/16 77/5 operating [24] 14/22 33/12 34/2 34/3 34/7 obtaining [2] 24/8 87/9 78/14 80/13 81/17 81/23 83/15 83/21 107/11 107/13 108/14 108/24 111/10 obvious [1] 123/5 34/13 35/11 35/11 35/23 36/3 36/22 37/7 obviously [14] 48/13 65/19 90/21 91/5 114/15 117/12 118/18 121/5 121/7 122/12 37/7 70/7 70/23 110/7 127/24 133/23 134/5 91/14 109/24 114/3 117/18 118/22 121/5 134/5 134/7 134/9 136/19 150/21 125/14 126/9 127/22 130/8 132/5 132/7 operation [2] 79/5 110/2 134/20 137/8 139/13 140/1 140/8 141/8 124/14 126/2 127/8 127/16 operations [1] 125/12 OCA [15] 6/23 7/6 7/6 17/8 30/7 30/10 141/21 145/1 145/5 148/3 148/16 149/18 opining [1] 107/14 150/14 30/16 31/1 31/4 31/7 66/3 139/6 143/3 147/5 147/6 opinion [3] 22/22 65/23 108/4 outages [1] 79/6 outcome [3] 64/19 66/1 66/12 OCA's [2] 4/4 26/16 opportunities [1] 68/9 outcomes [3] 16/17 23/7 23/12 occupied [1] 134/18 opportunity [13] 14/13 14/17 14/24 19/4 occurs [1] 13/20 October [1] 28/19 31/11 32/17 33/8 39/11 89/17 114/13 116/9 outfit [1] 128/6 outlined [1] 146/14 116/10 131/16 outreach [7] 38/11 38/18 40/21 41/19 42/1 October 1st [1] 28/19 opposed [1] 22/10 off [13] 4/14 6/4 29/18 44/23 48/23 50/16 opt [1] 77/1 112/24 137/4 64/11 75/15 76/1 131/7 131/8 137/23 143/4 option [15] 24/1 24/13 24/15 44/24 57/12 outside [1] 144/10 60/22 61/8 61/17 62/17 76/8 83/15 98/21 outstanding [1] 147/13 off-the-record [1] 131/8 outweighs [1] 145/24 over [19] 4/14 34/21 52/21 54/23 55/13 offer [10] 10/15 91/10 106/14 108/6 108/6 104/9 149/21 150/19 options [8] 23/23 52/17 57/20 64/6 77/12 108/11 108/16 108/16 127/5 147/2 offered [6] 43/12 108/1 108/2 109/10 114/24 143/14 145/3 78/12 78/20 102/7 118/8 123/16 127/15 109/11 135/4 opts [1] 75/11 134/19 138/10 140/16 141/24 142/8 144/3 offering [25] 43/18 65/4 65/8 65/10 69/18 or [125] 9/13 9/14 9/20 10/11 10/12 11/24 148/8 149/16 89/3 90/17 90/24 91/4 100/21 107/5 108/5 15/9 15/16 20/3 20/4 21/3 22/14 22/21 23/9 overtake [1] 144/5 108/13 109/19 109/20 109/22 111/9 111/16 23/14 23/17 24/9 24/14 24/19 25/6 25/8 own [5] 15/16 113/12 113/17 117/21 111/17 121/16 122/8 150/8 150/15 150/19 32/1 33/3 33/24 34/19 35/6 35/13 36/2 142/11 151/4 38/10 38/20 41/3 41/23 44/1 45/15 48/1 offerings [2] 62/11 126/15 48/15 50/17 51/5 54/9 54/17 55/1 55/8 offers [2] 10/19 50/10 55/13 55/24 56/7 56/22 56/22 57/3 58/23 p.m [4] 1/4 85/12 85/13 151/21

97/12 113/14 113/17 113/21 114/3 117/6 32/16 33/3 52/17 57/5 72/12 75/17 75/21 P 76/20 77/4 77/9 77/18 78/13 78/23 80/8 129/1 135/6 page [40] 2/3 2/17 3/3 9/10 10/3 13/9 81/10 83/14 94/10 95/8 127/20 practices [1] 113/24 precipitate [2] 42/17 42/22 periods [2] 13/19 75/13 13/11 15/21 16/3 25/22 27/6 28/9 28/13 permanent [2] 140/15 144/6 precipitated [1] 44/3 30/3 33/1 70/3 70/16 70/18 72/2 75/2 75/3 77/16 78/2 80/4 89/22 96/5 97/9 99/24 permissible [1] 135/21 precisely [1] 150/6 100/9 101/16 101/17 104/5 104/17 105/5 precluded [2] 30/21 30/22 permit [1] 151/9 105/6 106/16 112/9 112/10 113/7 114/24 permitted [2] 60/12 103/10 preface [1] 94/15 Page 1 [1] 89/22 Page 2 [1] 97/9 preference [2] 9/5 131/23 perspective [2] 62/12 136/21 petition [1] 96/10 preferred [1] 17/22 Page 3 [2] 99/24 105/5 petitioned [1] 96/10 prefile [1] 86/3 phrase [4] 44/18 98/9 99/6 103/15 Page 4 [1] 75/3 prefiled [5] 7/7 58/11 89/15 89/16 89/19 preliminary [1] 89/6 pick [2] 5/11 124/24 Page 5 [2] 9/10 104/5 Page 52 [1] 27/6 picked [1] 125/12 premature [1] 133/17 pictorial [1] 10/13 picture [1] 61/12 premise [2] 132/9 140/4 prepare [1] 5/22 Page 6 [2] 70/3 72/2 Page 8 [3] 30/3 33/1 77/16 pages [1] 105/5 piece [1] 137/8 prescribed [1] 99/13 PRESENT [1] 1/9 paid [5] 39/5 39/15 48/20 52/9 134/19 pilot [19] 7/22 8/10 8/14 8/15 22/21 23/4 31/16 32/16 32/19 33/2 68/17 77/18 78/13 presented [5] 65/11 146/8 146/21 147/6 paint [1] 68/13 80/8 132/10 133/16 139/12 140/10 140/17 147/15 panel [1] 28/4 presently [1] 62/22 presents [2] 147/10 147/21 paragraph [11] 25/23 97/10 101/18 104/6 pioneer [1] 87/14 104/7 105/6 105/19 106/17 112/21 113/9 pipes [1] 128/6 place [7] 45/18 58/3 73/8 79/10 123/7 Presiding [1] 1/9 113/9 127/23 144/7 pressed [1] 118/11 parentheses [2] 101/22 101/24 part [9] 12/17 17/6 31/6 33/16 34/19 35/6 plan [2] 66/22 121/10 pressures [1] 117/17 planning [1] 93/12 presumably [3] 82/9 84/3 123/1 51/16 61/13 115/21 plant [2] 113/20 113/22 plants [2] 79/5 114/3 play [1] 74/18 Partial [6] 5/18 6/24 131/18 145/11 146/8 pretty [6] 30/19 62/6 64/9 64/18 106/8 129/19 151/7 prevent [1] 122/1 Participant [1] 87/17 participants [1] 26/22 player [1] 116/19 prevents [1] 147/20 players [3] 58/16 101/8 126/7 previous [2] 20/1 28/9 participate [1] 114/21 previously [12] 6/10 6/17 18/13 41/8 54/1 playing [1] 122/9 participated [1] 145/11 please [16] 6/15 6/20 9/18 11/2 11/18 19/2 participation [1] 78/16 54/14 55/20 56/4 76/9 117/9 141/8 144/13 particular [20] 20/16 22/18 23/6 23/19 38/12 46/4 63/12 85/23 86/16 90/16 97/10 price [51] 14/8 14/8 14/9 14/12 14/21 15/8 22/13 58/15 60/9 61/4 61/5 61/17 64/3 46/14 71/17 93/9 93/9 94/17 104/19 105/1 98/4 104/15 105/19 107/15 113/7 119/5 136/9 141/21 141/23 69/16 69/17 74/1 90/24 91/5 91/18 93/4 plenty [1] 124/2 142/3 144/11 149/23 plus [8] 62/7 82/13 108/11 109/24 110/10 93/7 93/8 93/15 93/16 93/20 108/6 110/9 113/21 115/4 118/7 118/11 119/4 119/10 parties [12] 5/20 10/19 29/20 30/1 49/3 118/16 119/16 149/17 120/10 120/12 128/10 128/10 128/19 73/16 92/20 92/21 131/19 131/20 143/1 PNE [15] 1/13 4/22 31/12 42/10 88/10 135/19 135/24 137/17 137/17 137/19 138/3 151/17 88/13 88/16 88/18 89/1 96/7 96/14 96/20 parties' [1] 78/15 partly [1] 139/23 96/24 96/24 122/2 138/5 138/13 138/15 138/17 138/19 138/20 pocket [1] 109/12 141/1 pass [1] 51/5 pockets [2] 110/18 115/15 priced [2] 61/2 119/2 point [20] 5/24 20/7 38/5 42/2 71/3 77/24 prices [22] 13/23 15/9 16/19 22/16 29/8 pass-through [1] 51/5 78/11 86/9 87/9 89/16 106/4 107/11 127/3 29/12 62/5 64/20 64/21 72/8 72/14 72/15 past [4] 55/14 56/8 56/11 108/21 Patnaude [1] 1/23 127/4 130/24 143/16 148/3 148/16 149/18 72/19 73/14 107/21 108/1 111/16 118/23 120/9 123/23 137/17 137/21 pay [6] 17/14 48/19 127/19 128/13 128/14 150/14 pricing [7] 48/15 63/21 93/13 119/11 pointed [7] 36/9 83/21 111/10 140/1 140/7 139/4 paying [13] 43/10 43/15 48/9 48/12 52/5 144/24 145/5 120/14 120/16 141/15 59/5 63/19 82/14 93/8 139/1 141/5 142/9 pointing [1] 132/7 primarily [1] 52/20 points [2] 10/21 135/9 142/13 primary [1] 21/10 policy [13] 15/19 16/4 16/14 16/18 25/20 91/12 114/6 117/1 124/8 128/22 143/9 pedal [1] 121/8 principles [5] 136/9 138/8 138/13 138/17 142/20 pejorative [1] 129/5 penalties [1] 151/1 143/17 144/2 prior [10] 23/4 33/2 45/2 77/18 78/8 80/7 penny [2] 34/11 34/23 pool [3] 87/19 88/1 126/12 92/6 110/13 126/10 148/3 people [46] 18/15 18/17 19/16 19/17 21/1 private [7] 111/10 111/13 111/14 117/2 poor [2] 106/13 127/19 22/2 29/2 29/2 31/12 31/19 32/5 39/4 39/14 POR [1] 43/23 117/23 124/10 126/7 probably [8] 7/23 32/11 55/15 114/19 116/4 124/3 129/7 133/17 39/18 39/20 42/12 42/13 42/19 42/23 49/21 portion [1] 111/7 51/17 52/4 52/5 57/14 57/14 58/6 58/19 portraying [1] 107/8 problem [7] 36/14 110/18 116/6 117/22 61/22 63/22 68/6 77/21 78/9 78/11 82/21 pose [1] 114/5 posed [2] 111/1 116/2 122/5 126/16 139/14 83/20 83/21 84/3 84/6 84/16 84/18 108/17 117/12 120/22 125/7 131/1 131/14 position [7] 7/5 7/5 8/21 12/5 53/22 96/20 procedural [2] 4/12 130/15 per [3] 95/16 95/20 128/14 107/4 proceed [1] 6/16 perceive [2] 148/22 148/23 percent [8] 13/16 13/17 55/6 72/19 72/21 73/3 83/23 104/16 proceeding [2] 86/4 135/12 process [16] 31/12 52/3 71/6 71/17 72/10 positions [2] 96/22 97/1 possibility [2] 23/22 122/4 possible [12] 15/5 15/7 23/13 30/17 48/17 72/17 73/19 73/23 75/1 78/14 78/15 79/10 48/22 57/19 63/21 65/17 106/7 133/4 79/11 127/5 129/6 140/21 perceptible [1] 151/3 perception [1] 90/21 151/10 prodigal [1] 42/2 possibly [5] 40/24 62/9 64/8 124/22 133/5 produced [1] 148/8 performance [1] 33/5 potential [9] 8/4 23/6 23/12 28/24 65/14 product [2] 109/13 121/14 performed [2] 84/22 84/24 performing [1] 39/4 66/1 66/12 120/21 139/10 productively [1] 134/18 profit [12] 110/5 110/11 110/21 110/24 potentially [3] 139/11 141/6 141/15 perhaps [5] 32/24 102/17 123/17 143/13 . 111/5 116/9 116/15 116/16 116/21 117/24 pound [1] 91/4 147/23 period [33] 8/16 9/1 9/4 13/1 13/15 17/15 power [20] 14/19 14/21 51/5 82/13 87/18 118/5 125/8 program [21] 39/16 41/19 42/1 45/12 20/4 20/5 21/2 22/3 22/21 23/4 32/2 32/2 87/19 88/1 88/7 88/19 88/20 93/9 93/18

P program... [17] 72/23 73/1 74/16 75/7 75/15 76/1 76/3 77/4 77/6 77/9 77/21 82/20 83/7 84/15 122/2 132/10 133/16 programs [1] 38/11 project [1] 40/5 projected [1] 13/12 projections [3] 13/18 55/5 55/6 projects [1] 39/22 promote [1] 108/12 promotes [1] 149/19 promoting [1] 121/14 promotion [2] 40/21 134/12 promotional [2] 38/19 113/2 proposal [17] 26/11 45/3 45/7 45/15 49/18 52/22 57/3 59/24 68/17 69/4 81/24 95/15 144/14 146/7 146/21 146/22 147/8 proposed [18] 14/9 34/10 34/11 38/9 46/18 65/6 74/7 95/11 95/15 109/23 112/22 117/10 136/12 144/12 146/24 147/4 147/22 148/7 proposing [2] 95/19 100/20 proposing...a [1] 100/15 prospective [1] 70/24 protect [2] 144/7 145/6 provide [26] 14/13 14/16 14/24 19/3 19/5 20/3 20/7 37/10 58/3 58/10 69/10 72/11 83/12 83/13 88/5 97/24 98/21 105/12 105/15 118/15 118/16 119/15 132/24 137/18 147/19 149/22 provided [9] 9/23 11/19 19/14 22/1 58/5 95/2 123/4 141/1 147/3 providence [1] 87/4 provider [12] 88/12 91/22 101/15 108/12 108/15 114/16 114/20 123/5 127/7 128/8 129/2 132/22 provider-of-last-resort [1] 132/22 providers [8] 101/9 114/15 117/23 118/9 120/13 120/17 120/20 120/23 provides [8] 20/9 61/8 61/9 69/5 147/20 149/9 150/3 150/7 providing [14] 14/19 19/5 38/2 60/6 67/1 68/23 135/15 135/21 137/9 137/13 145/16 149/15 150/19 151/12 proving [1] 127/22 provision [6] 29/19 29/24 62/8 72/5 74/9 provisions [3] 75/3 148/5 150/2 prudent [2] 59/20 136/15 PSNH [125] 3/4 4/4 6/23 7/6 7/6 9/23 11/19 12/12 13/11 14/1 14/13 14/17 14/20 14/24 15/10 17/7 17/11 24/13 25/8 25/17 25/22 26/16 27/21 28/3 30/6 30/10 30/16 31/1 31/3 31/6 33/3 34/9 34/11 35/15 39/21 41/8 41/15 42/22 43/10 44/23 45/2 47/19 47/20 47/24 48/4 48/19 49/18 55/4 62/6 62/12 63/18 63/23 64/13 64/16 65/6 66/3 67/1 68/3 72/6 72/11 74/13 76/13 77/18 78/3 81/19 90/22 93/12 94/3 94/10 94/17 95/11 100/14 100/20 105/2 106/18 108/2 108/4 108/18 108/21 109/3 109/10 109/23 110/17 111/6 111/11 111/12 111/16 113/10 114/1 114/21 118/5 119/8 121/16 122/9 123/7 123/7 125/6 125/8 129/18 133/6 135/2 136/12 136/16 137/6 137/19 138/5 138/23 139/21 141/2 141/7 141/17 141/21 142/18 146/11 146/16 146/20 147/2 147/4 147/9 148/13 149/22 150/4 150/8 150/19 151/9 PSNH's [28] 17/11 24/2 24/9 24/19 26/3 38/8 38/9 49/14 65/4 70/10 70/13 76/1 79/5 99/14 101/10 107/1 107/3 107/22 111/2 112/22 118/2 118/11 125/12 135/8 136/6 142/16 148/6 149/15

public [47] 1/2 1/6 1/12 4/18 32/5 35/13 42/9 46/19 50/11 53/5 53/12 53/19 54/5 54/6 57/13 58/1 59/17 60/11 61/12 61/23 63/1 80/21 81/14 82/8 82/15 83/5 83/24 91/12 91/20 101/12 110/10 110/12 115/18 115/19 115/23 116/5 116/13 117/1 119/2 119/4 121/3 124/7 124/12 126/7 133/8 134/22 145/14 publicized [2] 121/2 121/19 PUC [5] 1/19 42/12 91/14 104/8 115/1 purchase [1] 137/24 purchases [4] 113/16 135/6 137/21 138/1 purchasing [1] 137/22 pure [1] 143/8 purely [1] 145/4 purpose [23] 18/6 18/7 18/10 18/20 18/24 19/9 19/10 19/13 20/2 20/16 20/19 21/10 49/10 49/12 52/10 58/8 58/9 62/2 62/20 97/11 98/14 133/5 149/3 purposes [8] 16/1 19/8 20/14 98/17 133/10 135/19 135/22 136/2 pursuant [2] 46/17 145/15 purview [1] 144/10 push [1] 133/17 put [14] 51/7 58/3 63/11 66/9 77/10 78/14 89/19 108/14 110/17 120/23 121/4 121/13 142/17 144/7 puts [1] 116/18 putting [2] 81/23 108/24

Q-TECH-001 [1] 3/4 qualifying [2] 18/9 103/2 quantify [1] 122/20 question [39] 15/23 15/24 16/2 18/11 21/21 26/10 28/3 28/7 28/8 28/10 28/14 30/14 32/12 33/16 36/2 36/5 37/19 39/21 41/8 43/19 45/8 46/12 48/22 64/12 68/1 80/11 81/22 84/21 96/13 98/8 102/23 103/2 103/5 103/17 103/22 105/18 109/8 116/12 118/20 questioner [1] 27/8 questioning [4] 47/8 54/9 55/3 63/9 questions [30] 12/19 15/17 25/12 25/13 27/21 29/15 32/4 42/20 46/22 47/17 49/1 49/3 53/6 63/5 65/19 69/22 70/1 80/10 87/2 89/17 95/23 111/22 111/23 112/3 112/6 119/21 122/11 129/23 129/23 129/24 quick [2] 12/18 65/19 quickly [2] 41/5 87/3 quite [1] 112/8 quotation [1] 97/16 quote [1] 115/1

raised [5] 17/24 18/2 22/19 126/10 135/11 random [3] 118/1 123/10 127/15 rate [343] rate-setting [2] 79/11 79/13 Rated [1] 101/22 ratepayers [2] 1/17 5/6 rates [40] 16/20 20/4 20/5 31/5 35/9 35/10 35/13 35/19 36/11 36/14 36/20 37/1 37/5 37/14 37/23 38/1 40/6 40/10 40/11 40/12 40/14 40/15 40/23 60/14 62/14 81/15 83/24 84/2 84/5 84/7 84/9 84/10 94/4 95/16 95/19 113/11 115/5 117/17 134/20 139/1 rather [5] 25/2 34/22 113/22 124/11 144/2 rational [2] 63/16 83/21 rationale [2] 56/19 145/24 re [7] 1/6 39/14 39/22 91/4 101/12 120/3 128/13 re-ask [1] 120/3 re-deploy [1] 39/14 re-deployed [1] 39/22

re-enter [1] 91/4 re-entering [1] 101/12 re-entry [1] 128/13 reached [1] 123/20 react [4] 8/11 31/21 97/22 138/18 reactions [1] 8/17 read [17] 27/19 28/1 28/11 28/12 38/8 60/17 97/13 98/1 99/2 101/2 101/24 102/7 104/20 105/10 106/21 112/12 132/21 readily [1] 34/7 reading [6] 27/13 46/7 46/8 46/13 100/18 113/1 reads [4] 28/15 102/5 104/17 106/18 ready [1] 85/16 reaffirm [1] 146/23 reaffirmed [1] 148/12 real [1] 113/21 real-time [1] 113/21 realities [1] 126/23 reality [1] 90/22 realize [1] 118/10 reallocated [1] 137/1 really [21] 8/20 8/21 9/13 23/10 30/14 53/24 68/12 78/13 82/6 92/20 108/19 120/16 121/1 132/3 134/21 135/1 137/7 139/14 140/12 141/3 141/14 reason [24] 8/8 8/18 9/2 23/3 27/20 53/15 59/16 74/11 77/6 77/8 91/18 93/21 97/19 98/10 101/4 101/6 105/13 105/16 106/8 106/19 106/24 116/8 144/22 148/19 reasonable [9] 46/19 56/24 57/5 59/20 136/15 145/12 146/11 146/20 147/10 reasons [15] 7/9 9/12 22/17 22/19 25/20 25/23 66/2 66/4 68/16 106/9 114/4 123/5 128/10 145/21 151/6 reassess [1] 69/6 rebuttal [1] 7/17 recall [13] 7/12 15/17 15/24 17/6 17/16 17/17 17/20 23/23 32/3 32/7 45/9 79/5 122/10 recalled [1] 6/9 receive [5] 20/4 43/9 82/16 93/8 138/5 received [2] 52/7 78/6 receiving [1] 12/24 recent [1] 11/7 recently [2] 8/23 143/12 Recess [1] 85/12 recognize [1] 147/24 recollection [6] 15/16 16/2 16/7 25/24 45/16 95/18 recommended [8] 7/8 7/21 8/1 30/11 30/21 31/8 31/9 146/3 recommends [1] 145/20 reconcile [3] 59/22 138/6 138/10 reconciliation [9] 52/3 71/5 71/7 71/22 78/23 79/1 79/8 79/10 79/12 reconciliations [2] 138/3 138/4 record [9] 28/1 47/13 69/7 78/19 79/14 85/15 131/7 131/8 131/11 recover [13] 14/14 14/17 15/1 33/21 35/14 35/15 47/20 52/21 125/24 134/4 134/22 150/4 150/8 recoverable [1] 35/16 recovered [13] 33/18 35/3 36/10 36/13 36/19 36/24 37/4 40/6 40/9 40/23 52/1 134/1 134/2 recoveries [4] 138/10 138/10 142/8 142/10 recovering [1] 147/18 recovery [8] 37/11 39/9 61/14 110/9 110/22 125/21 142/13 144/1 red [1] 53/8 redesigned [3] 46/19 147/2 150/6 redirect [4] 85/6 91/8 116/11 130/1 reduce [8] 21/11 97/20 98/11 98/15 101/5

R reduce... [3] 148/20 149/3 149/7 reducing [4] 21/16 101/5 148/22 149/1 refer [2] 13/7 70/12 reference [4] 9/12 15/20 44/4 105/3 referenced [2] 9/16 150/1 references [1] 9/19 referred [3] 125/5 129/4 145/21 referring [4] 40/15 45/16 47/3 55/8 reflecting [1] 146/13 reflective [1] 22/13 refresh [3] 16/7 73/24 90/2 refreshing [1] 16/1 regarding [5] 12/21 16/4 90/12 122/11 125/8 regardless [1] 51/14 regular [6] 49/22 51/21 52/9 77/14 83/16 84/5 regularly [1] 78/12 regulated [1] 59/19 regulatory [2] 114/3 144/17 rehearing [1] 148/10 rejected [2] 25/19 95/12 related [1] 27/21 relation [4] 7/18 11/17 45/14 52/22 relationship [5] 69/16 88/1 122/24 128/23 relative [2] 48/14 109/17 relatively [2] 109/7 110/15 relax [1] 130/10 relevance [1] 120/17 relevant [2] 99/16 147/7 relief [1] 33/6 remain [13] 6/13 16/13 22/22 22/23 24/18 73/2 115/4 139/3 139/5 140/11 149/5 149/17 150/23 remaining [6] 8/22 13/15 49/14 72/12 72/24 147/17 remarks [1] 131/14 remember [3] 4/13 66/15 68/3 reopens [1] 141/13 reoriented [1] 6/3 repeat [2] 95/5 145/22 rephrase [1] 103/5 report [2] 30/8 30/8 reported [1] 123/16 reporter [4] 1/23 32/13 85/21 131/6 reports [2] 78/3 123/18 reps [1] 121/7 Reptg [5] 1/12 1/13 1/15 1/17 1/19 request [7] 14/2 33/3 38/13 77/19 142/16 146/2 151/6 requested [3] 33/6 45/2 49/17 requests [1] 38/9 require [1] 146/23 required [12] 19/17 22/3 29/2 59/4 94/8 94/9 94/14 94/16 94/21 141/21 141/22 requirement [3] 18/7 19/1 75/6 requirements [5] 87/19 118/15 118/17 119/16 142/21 requires [4] 20/17 23/9 23/9 70/5 requiring [3] 18/8 75/24 77/8 RESA [2] 92/20 142/15 reset [3] 10/6 77/5 81/9 Resident [2] 88/19 88/23 residential [20] 1/17 5/6 41/17 44/17 52/18 53/10 66/8 66/8 88/16 89/2 115/2 143/4 143/10 143/13 143/22 143/23 144/8 144/23 145/1 145/6 resisted [1] 42/10 resolution [2] 73/23 145/13 resolved [1] 79/4 resort [1] 132/22

resorting [1] 113/16 resources [4] 108/13 109/4 115/15 121/13 respect [6] 11/20 45/11 100/11 107/6 122/8 137/9 respects [1] 91/21 respond [3] 34/23 120/13 127/14 response [17] 3/4 6/8 9/23 9/24 11/20 28/7 37/19 38/8 46/12 47/19 48/3 96/13 130/13 130/17 130/21 147/1 151/15 responses [1] 38/4 responsible [5] 50/7 50/14 50/20 59/11 142/4 restate [1] 98/8 restrict [1] 76/5 restricting [1] 76/8 restrictive [1] 77/15 restructure [4] 97/19 98/10 101/4 148/20 restructured [3] 99/5 99/11 99/20 restructuring [10] 21/8 21/11 50/5 101/8 132/10 136/9 140/8 142/3 142/20 148/18 result [5] 79/7 117/16 123/24 124/1 124/3 resulting [2] 45/6 50/5 results [2] 30/9 142/12 resume [1] 85/10 resumed [4] 2/4 2/5 6/18 85/13 resumé [1] 117/5 retail [10] 1/15 5/2 47/14 62/19 70/23 99/4 105/9 105/22 114/9 135/4 rethink [1] 128/13 retire [1] 116/22 retirement [1] 110/2 retreat [1] 91/11 return [15] 24/12 24/13 24/19 76/13 76/20 90/23 110/11 111/5 116/15 126/5 128/19 140/3 140/17 146/12 150/24 returning [11] 14/4 17/19 19/23 20/8 24/7 25/1 48/19 99/23 146/20 149/14 151/2 returns [2] 15/10 140/3 reveal [1] 123/18 revenue [13] 51/8 52/1 52/7 53/3 58/4 71/6 78/6 82/15 82/17 83/12 84/8 92/2 125/19 reversal [1] 128/22 reverse [3] 44/19 139/23 140/4 reversed [2] 124/5 124/8 review [13] 15/16 18/20 18/21 19/3 20/13 32/17 66/16 66/17 67/5 78/15 79/19 89/17 122/12 reviewed [1] 15/13 reviews [1] 13/14 revised [2] 69/2 147/8 reword [1] 55/18 right [66] 5/11 6/6 8/21 11/8 13/7 23/24 27/11 27/15 28/7 28/10 29/5 29/5 30/2 31/10 33/19 35/22 37/9 39/20 40/1 40/4 40/7 42/10 42/22 43/13 43/16 44/11 45/18 46/23 54/7 56/16 58/17 63/4 63/10 65/1 65/4 65/6 70/20 71/18 72/1 73/2 75/6 80/9 85/8 86/13 87/11 88/14 88/24 91/6 94/15 95/1 95/21 96/16 97/17 103/14 106/6 107/14 112/2 113/8 115/10 119/20 121/9 129/22 130/5 130/6 131/10 147/23 risk [3] 60/7 135/17 135/22 road [3] 27/20 64/2 122/13 Robert [1] 1/10 Robinson [4] 1/15 1/16 4/24 47/13 Rodier [17] 1/14 2/6 2/11 2/18 4/22 10/23 11/5 26/22 45/20 75/5 85/16 89/11 130/1 131/21 140/7 144/24 148/14 Rodier's [1] 96/13 role [6] 92/5 92/5 96/5 100/21 101/10 128/5 room [2] 84/24 131/2 roost [1] 123/14 rose [1] 52/15

RSA [29] 21/8 33/17 46/17 46/17 46/18 97/12 97/16 97/18 98/8 98/15 98/24 100/11 101/3 101/20 104/15 105/19 132/21 135/2 145/16 146/10 148/5 148/5 148/5 148/5 148/18 149/10 149/18 150/2 150/3 150/16 ruled [1] 44/1 rulings [1] 91/14 run [3] 75/20 81/9 113/22 running [13] 12/4 12/6 53/21 53/22 54/11 54/17 54/18 54/19 54/20 54/21 55/19 56/6 113/20 runs [2] 81/17 83/15

S safety [2] 132/24 133/10 said [26] 7/22 13/22 16/10 16/22 18/5 22/6 32/15 34/6 34/12 37/22 44/9 45/10 57/23 58/11 76/13 79/24 87/10 102/13 107/16 111/4 111/8 117/4 118/6 121/10 138/22 139/19 Saint [1] 88/3 sake [1] 30/13 salaries [1] 40/5 sales [3] 38/19 40/21 70/24 same [30] 13/18 13/23 19/8 19/10 22/15 25/5 28/11 43/8 43/10 58/16 59/10 59/21 60/14 62/3 63/9 68/13 70/10 74/1 84/11 96/24 97/3 99/12 107/22 116/13 118/17 118/22 127/17 134/10 141/17 142/10 Sandy [1] 1/11 satisfies [1] 142/20 satisfy [1] 114/20 saw [2] 67/9 124/23 say [44] 8/20 10/14 18/16 19/2 19/15 19/16 22/10 29/1 30/18 30/24 32/21 34/18 34/21 40/14 40/24 42/6 42/23 63/15 68/14 69/6 70/7 70/21 74/4 81/13 83/22 84/13 85/10 88/11 96/22 99/22 102/10 107/21 110/20 113/10 113/20 115/6 115/19 127/10 129/20 132/8 133/5 139/9 143/2 145/22 saying [25] 23/23 31/10 34/22 36/15 36/19 37/2 37/5 39/4 39/11 49/20 59/14 60/13 61/18 76/24 82/12 91/3 102/23 113/1 115/18 119/14 129/10 129/12 133/4 134/21 says [36] 9/12 11/22 12/4 29/2 29/19 30/1 30/23 31/6 33/1 33/17 33/20 33/21 34/17 36/9 37/3 50/2 50/6 55/19 60/3 70/22 78/21 80/2 80/5 99/20 100/19 102/22 104/11 112/21 113/10 115/2 133/19 133/20 133/24 135/13 140/24 142/3 scale [1] 121/21 scenario [7] 23/11 65/11 114/5 119/13 120/21 120/22 121/22 scenarios [2] 84/21 129/19 Schaefer [2] 1/16 5/1 schedule [1] 88/7 scheduled [1] 65/5 scheme [1] 63/21 schizophrenia [1] 44/15 Scott [6] 1/10 2/8 2/13 63/6 83/21 119/23 screwed [1] 117/3 Scrubber [29] 14/22 33/13 33/15 33/18 33/22 34/4 34/14 34/19 35/3 35/12 35/19 35/23 36/10 37/4 47/21 51/13 51/17 70/7 70/22 73/15 110/2 110/4 125/24 133/24 134/1 134/4 136/19 136/22 150/21 scrutiny [1] 144/3 seat [1] 85/18 second [5] 25/16 26/3 60/2 73/9 106/17 seconds [1] 11/3 section [21] 9/11 9/13 13/9 13/11 28/11 28/14 32/19 33/1 60/17 70/5 72/2 74/3 77/17 78/2 80/4 101/17 104/6 104/17 140/24 142/3

shorter [6] 8/4 8/6 21/3 22/14 22/17 66/6 soon [3] 41/16 151/10 151/18 S sooner [1] 78/22 should [39] 5/13 7/23 8/22 9/6 9/13 9/20 Section 2.2 [2] 32/19 80/4 16/24 22/16 22/22 22/23 30/5 31/21 31/23 sophisticated [1] 143/19 50/3 50/7 50/14 69/1 69/2 71/11 71/12 sophistication [1] 91/3 Section 2.2.3 [2] 9/11 74/3 sorry [9] 14/7 15/4 22/4 28/13 28/16 70/14 Section 2.2.4 [1] 13/9 71/13 77/23 77/24 91/9 92/19 104/18 95/5 103/3 109/21 Section 2.3.1 [1] 70/5 113/10 128/11 129/2 129/6 129/7 132/23 sort [9] 73/17 88/11 117/5 122/7 123/6 134/1 139/3 139/19 142/4 143/9 147/11 Section 2.3.3 [1] 72/2 Section 2.3.3.1 [1] 13/11 148/13 127/12 127/13 128/6 132/15 sorts [3] 79/6 106/9 144/18 Section 2.4 [1] 78/2 showed [1] 147/15 Section 2.4.3 [2] 33/1 77/17 shows [3] 10/10 10/20 140/21 sound [2] 33/19 147/23 Section 374-F:3 [1] 140/24 side [1] 52/19 sounds [2] 20/17 119/14 Sector [1] 90/1 sight [1] 67/20 source [8] 82/15 82/17 88/18 111/15 see [33] 8/9 8/10 8/16 8/18 18/22 18/22 114/22 119/11 143/24 144/1 sign [1] 61/22 sources [1] 119/3 speak [2] 84/23 96/18 specific [3] 43/22 46/1 100/3 31/3 33/7 36/14 44/20 44/22 44/22 49/9 signal [3] 93/7 138/19 138/20 58/8 58/9 58/16 60/22 60/23 62/14 62/17 signals [6] 93/4 93/15 93/16 137/18 137/19 138/17 63/1 65/13 67/4 67/12 67/19 68/18 70/11 specifically [1] 104/16 70/21 100/1 116/8 118/8 123/24 124/2 signatories [2] 12/11 16/23 seeing [6] 82/3 126/21 130/14 130/22 signature [1] 87/8 specificity [1] 123/19 spelled [2] 107/11 107/13 138/14 151/16 significant [6] 6/23 9/1 23/16 57/5 64/22 seek [1] 148/11 116/19 spend [5] 108/12 108/23 109/2 109/4 125/24 seeking [2] 39/9 90/22 significantly [1] 67/9 split [2] 65/23 66/7 seem [2] 61/20 115/17 silk [1] 41/12 seemingly [1] 59/23 similar [1] 122/2 spoke [1] 14/7 seems [4] 50/1 103/7 128/21 139/9 similarly [1] 138/24 spot [1] 137/22 seen [2] 85/2 123/17 simple [2] 109/8 125/17 spots [1] 11/21 spread [1] 149/16 simplicity [1] 7/10 sees [1] 30/18 spring [1] 29/5 Staff [14] 1/19 5/9 30/6 30/10 30/16 31/1 select [1] 114/13 sell [2] 88/20 115/20 simply [10] 103/15 107/15 125/21 127/15 136/24 143/21 144/7 144/10 147/24 151/3 send [2] 137/8 142/18 since [7] 12/16 12/17 27/24 38/6 53/10 31/4 31/7 32/21 145/10 145/20 147/3 147/6 sending [1] 121/7 106/23 118/6 147/22 sense [5] 77/22 107/4 122/4 122/5 128/22 single [2] 119/9 124/19 Staff's [1] 12/5 stages [1] 96/23 sensitive [1] 59/19 single-minded [1] 124/19 sir [1] 117/8 sit [1] 130/8 stair [1] 87/20 sentence [6] 10/4 28/2 30/13 80/5 102/5 stair-step [1] 87/20 stand [2] 6/10 7/3 sitting [1] 134/17 September [1] 79/17 situated [1] 138/24 standard [7] 25/3 60/14 91/10 125/13 serious [1] 123/21 serve [4] 8/22 20/13 48/1 146/14 situation [11] 40/18 52/19 53/24 55/8 127/5 127/16 128/3 served [22] 7/13 8/7 8/15 8/24 10/10 12/23 55/11 57/6 59/15 124/9 129/15 129/21 standing [1] 7/1 standpoint [2] 90/20 122/20 19/23 24/10 24/14 25/1 25/1 25/7 25/8 54/1 143/10 situations [1] 10/5 start [8] 6/3 19/12 49/9 55/15 55/23 72/23 54/14 56/4 56/7 67/10 76/13 78/5 83/2 six [4] 62/9 78/24 84/11 99/1 75/23 121/23 size [1] 122/21 started [3] 8/23 10/12 73/5 serves [1] 46/19 service [239] skip [1] 30/13 starting [4] 28/1 53/8 64/21 131/4 starts [3] 13/9 28/14 56/2 slate [2] 55/23 56/2 Service's [1] 50/11 services [4] 60/6 88/5 135/16 137/13 state [10] 1/1 91/15 91/16 99/24 100/14 slightly [2] 65/9 112/12 serving [3] 116/9 136/17 149/2 Session [1] 3/4 slow [1] 52/10 small [3] 52/18 126/12 143/21 103/7 116/4 127/16 128/17 132/14 stated [8] 21/13 46/15 62/2 66/2 66/3 81/24 98/17 139/21 set [22] 9/12 14/8 57/3 62/7 62/12 62/13 smaller [3] 52/21 74/12 115/3 71/19 71/19 72/9 73/10 73/11 74/1 74/2 statement [5] 39/17 99/9 107/15 113/13 so [224] 74/6 79/4 79/16 107/21 117/1 118/4 126/3 so-called [1] 87/3 115/6 STATEMENTS [1] 2/17 some [67] 8/18 9/2 16/22 20/9 20/24 23/9 127/12 151/8 setting [3] 13/19 79/11 79/13 settled [1] 128/5 27/11 27/12 32/3 32/10 36/18 37/10 40/5 states [16] 87/21 96/6 97/11 101/19 41/18 43/6 44/14 51/20 57/6 57/7 62/8 102/18 104/7 105/7 117/7 126/19 127/1 settlement [35] 5/18 5/19 6/24 7/19 7/20 66/18 67/4 67/15 68/4 68/6 73/20 74/6 127/2 127/12 127/24 129/10 129/20 148/19 stating [3] 17/7 46/12 97/19 74/22 79/6 81/4 82/2 83/6 83/13 86/3 87/19 9/7 9/15 9/16 12/11 13/8 25/22 26/6 26/7 statute [13] 21/8 21/14 36/9 97/24 99/9 29/15 29/15 29/17 69/24 72/1 77/16 80/1 94/10 99/16 111/15 113/4 115/19 117/24 99/12 99/16 99/20 101/8 104/12 133/18 131/18 131/18 142/17 143/3 143/5 144/9 119/1 119/7 120/14 122/7 122/11 122/17 145/11 146/8 147/6 147/10 147/11 147/14 123/6 123/13 123/20 124/4 125/11 125/14 134/24 150/3 stay [15] 19/17 22/2 29/3 49/22 50/17 52/4 148/2 150/7 151/7 126/22 127/4 127/18 127/24 128/2 129/11 67/13 67/13 74/22 77/1 77/10 84/1 131/1 settling [6] 26/22 30/1 92/20 92/21 131/19 129/17 134/6 141/21 141/22 143/20 144/13 131/20 147/9 150/12 131/12 141/21 stayed [6] 42/9 48/21 69/8 81/14 81/19 setup [1] 74/6 somebody [11] 24/24 40/4 40/18 53/10 seven [4] 117/10 117/18 118/1 120/7 53/11 54/3 58/22 74/20 76/12 114/17 122/2 82/9 staying [1] 50/23 step [2] 87/20 129/18 someone [6] 57/10 75/4 76/17 77/10 82/4 seventh [1] 99/1 shall [14] 30/7 30/8 30/8 30/10 31/7 32/19 129/6 someplace [1] 113/14 Steven [4] 1/23 2/4 6/9 6/17 33/3 33/4 33/18 80/5 134/1 134/2 135/3 something [25] 11/17 29/24 30/15 31/23 stick [1] 132/6 share [2] 110/22 126/24 39/24 41/3 45/1 45/15 49/10 60/12 60/23 still [21] 4/8 8/14 17/21 24/8 24/12 25/7 62/15 66/10 66/13 68/10 74/5 109/18 113/8 25/7 29/20 50/11 51/23 62/18 63/13 64/11 shareholders [2] 111/6 125/9 120/3 121/5 127/10 128/11 129/16 137/24 66/5 80/12 82/7 84/13 86/11 104/12 130/8 she [1] 41/23 144/7 shied [1] 91/23 shift [1] 39/18 sometime [1] 117/6 stockholders [1] 125/20 short [6] 30/19 31/16 31/22 120/21 132/11 sometimes [1] 108/23 stocking [1] 41/12 147/24 somewhat [2] 20/13 61/7 stopgap [1] 143/8 straight [2] 51/3 113/19 short-term [1] 132/11 son [1] 42/2

S straightforward [1] 109/8 stream [1] 63/9 Street [3] 41/10 41/11 41/15 strength [4] 109/18 110/15 116/5 116/19 striking [2] 119/12 130/19 structure [3] 62/20 115/22 117/22 subject [4] 38/7 49/16 147/9 148/10 submarines [1] 116/17 submitting [1] 116/14 subparagraphs [1] 60/4 subpart [1] 104/16 subsequent [1] 45/9 substantial [2] 91/17 111/15 substitute [1] 11/23 success [2] 77/22 77/22 successful [3] 83/7 109/14 124/23 successfully [2] 108/16 118/9 succinct [1] 151/12 such [6] 30/9 30/12 60/10 84/24 148/14 151/2 suddenly [1] 145/2 suggested [1] 32/3 suggesting [3] 32/7 65/22 120/8 suggestions [1] 122/15 sui [1] 132/13 summarize [5] 5/15 6/20 7/9 13/11 90/16 summarized [2] 6/2 25/22 summarizes [1] 25/24 summary [7] 12/18 18/1 19/6 92/11 92/13 104/6 111/7 summer [1] 29/8 sums [1] 109/2 sunset [1] 101/10 supplemental [1] 135/6 supplied [1] 135/8 supplier [76] 7/14 13/1 24/9 24/11 24/19 28/16 29/7 32/6 41/18 48/21 50/17 53/9 53/13 53/17 54/5 54/7 54/22 56/20 57/11 57/11 57/14 57/20 57/20 62/24 63/2 63/13 63/17 64/16 75/9 75/12 76/19 80/17 81/1 81/16 82/5 83/6 83/17 84/1 84/2 84/6 84/10 88/2 88/10 94/8 94/22 94/24 95/7 100/21 101/10 105/10 105/14 105/17 105/23 106/2 106/8 106/10 106/13 106/20 106/24 107/20 108/7 114/10 114/14 119/17 121/23 122/22 122/24 132/19 132/20 133/7 133/7 133/9 141/7 141/18 141/20 145/1 supplier's [1] 29/6 suppliers [36] 1/15 20/24 22/7 25/8 43/12 43/17 48/12 58/14 61/1 61/3 61/22 62/3 62/10 62/13 62/16 62/19 64/20 65/3 65/8 65/15 69/13 69/18 82/22 83/1 94/5 100/23 117/13 118/18 120/8 127/15 139/2 139/16 140/17 149/1 149/8 149/12 suppliers' [1] 65/2 supply [44] 5/2 15/18 16/12 18/8 24/12 25/4 29/4 47/14 48/14 48/23 49/15 54/16 57/2 64/15 67/5 67/15 67/16 67/17 74/23 75/17 75/21 76/12 76/15 81/10 88/18 92/8 105/8 105/21 106/20 113/11 114/9 117/6 127/7 129/17 135/3 139/3 139/5 141/9 141/22 142/14 149/6 150/4 150/24 151/2 support [8] 7/6 11/21 22/16 33/5 66/6 145/23 146/1 146/17 supported [3] 66/2 66/3 148/17 supporting [1] 146/16 suppose [1] 66/12 supposed [3] 59/11 59/18 141/1 Supreme [1] 87/10 sure [25] 9/19 19/4 19/7 19/22 21/21 31/24 41/6 45/14 53/6 58/17 63/10 63/15 65/3 65/9 70/1 76/16 80/14 98/2 105/18 112/20 121/14 121/18 128/3 133/1 134/17

Susan [2] 1/17 5/5 Suzanne [2] 1/19 5/8 switched [2] 143/15 144/23 switches [1] 62/24 switching [2] 81/6 149/8 sworn [6] 6/11 6/13 6/17 85/18 85/21 85/24 system [2] 50/21 137/4 systems [1] 74/13

table [1] 116/12 take [35] 4/16 5/13 9/3 23/14 44/9 50/9 54/5 58/7 58/12 58/19 58/23 59/5 61/9 72/7 74/17 76/14 79/10 79/24 80/24 84/7 85/9 87/18 92/20 94/23 98/19 100/20 123/7 123/12 128/4 138/8 144/21 149/5 150/22 151/5 151/17 taken [3] 85/12 96/23 96/24 takes [7] 52/24 79/6 85/18 95/6 101/14 144/16 144/21 taking [11] 31/19 48/5 48/20 51/16 53/9 59/8 67/2 68/8 127/18 129/18 142/11 talk [3] 33/11 38/6 115/14 talked [2] 66/19 68/2 talking [5] 32/23 72/3 101/12 118/1 120/6 talks [7] 56/20 60/17 89/22 89/23 89/23 114/8 115/2 targeted [1] 100/22 tariff [4] 45/3 49/18 56/3 57/3 tariffed [2] 31/3 31/4 tariffs [3] 42/21 61/15 146/16 tasks [1] 39/4 TECH [3] 3/4 3/4 9/24 TECH-001 [1] 9/24 TECH-01 [1] 3/4 technical [2] 3/4 13/10 telecom [1] 127/9 tell [9] 32/4 34/2 36/6 67/7 71/10 75/5 84/22 89/15 102/23 telling [1] 118/12 temporarily [1] 13/20 temporary [3] 35/16 35/17 144/15 ten [5] 85/10 91/1 91/14 102/7 124/6 tend [1] 49/21 tent [1] 62/16 term [78] 7/5 7/6 7/8 7/15 7/18 7/20 8/1 8/4 8/6 8/11 8/12 8/13 8/17 8/22 8/24 9/5 11/20 16/23 16/24 17/4 17/8 17/12 17/13 17/18 17/22 18/2 18/3 18/13 19/9 19/10 19/13 19/14 19/20 19/22 20/2 20/12 21/3 22/14 22/14 22/17 22/24 23/18 23/22 26/11 26/15 26/17 65/18 67/13 75/18 81/7 81/13 81/17 101/21 103/11 104/10 118/14 120/21 132/11 133/13 133/14 133/21 139/15 140/9 140/13 140/14 140/19 145/19 145/20 145/24 146/1 146/3 147/14 147/15 147/20 147/21 150/18 150/18 151/8 terminate [4] 8/19 33/4 77/20 80/7 terminated [6] 9/2 22/21 23/3 23/13 77/24 79/23 termination [1] 23/9 terms [14] 7/10 8/10 20/17 21/7 26/6 26/7 43/5 56/24 65/16 78/19 91/14 123/15 143/4 147/7 territory [2] 50/11 135/5 test [2] 32/2 76/24 tested [1] 80/3 testified [10] 96/14 107/17 136/16 137/20 139/2 139/6 139/14 139/22 141/18 147/19 testify [1] 94/3 testifying [1] 88/13 testimony [57] 3/5 5/16 6/3 6/21 6/23 7/3 7/7 7/17 7/21 17/17 20/1 26/15 26/16 45/24 46/9 58/11 66/15 70/13 86/3 89/15 90/11

90/16 90/17 91/23 96/5 97/6 97/10 97/11 99/23 101/16 101/17 101/19 102/2 102/5 102/10 102/12 102/14 102/18 102/22 103/7 104/5 105/5 105/7 106/16 107/12 107/13 107/15 109/17 110/14 110/16 112/9 114/24 117/4 143/2 145/21 147/3 147/15 text [2] 10/14 100/9 than [46] 13/16 25/3 30/6 34/22 42/3 44/23 48/18 48/20 55/6 57/16 61/17 63/13 63/18 64/11 64/14 65/2 72/19 75/14 75/18 75/21 77/15 78/22 84/2 84/4 84/5 84/19 91/13 94/4 109/6 112/19 113/20 113/22 114/18 115/10 116/23 117/18 119/6 119/10 119/17 120/19 124/12 130/15 139/4 143/5 146/9 thank [78] 6/15 9/22 11/11 11/15 12/8 12/10 12/13 15/3 16/21 25/9 25/11 25/14 26/20 26/21 26/23 27/1 38/4 47/5 47/10 47/12 48/3 48/24 49/1 49/2 56/17 63/5 63/7 66/14 69/19 69/21 80/9 81/21 85/4 85/5 85/7 85/9 86/23 90/14 92/15 92/22 95/11 95/22 95/24 96/2 97/6 98/14 99/23 101/16 104/3 105/4 111/19 111/21 114/7 119/21 119/22 120/18 121/22 122/10 125/2 125/3 129/24 130/7 132/2 136/3 136/4 136/6 142/21 142/22 142/24 145/7 145/8 145/10 146/3 146/4 146/6 151/11 151/11 151/19 that [891] that's [141] 5/18 5/19 9/23 10/20 12/4 13/22 14/12 14/19 14/20 14/20 15/7 17/23 18/13 18/15 20/6 20/18 21/6 21/13 23/1 23/24 24/17 26/18 26/19 31/14 32/11 33/1 33/14 33/20 35/2 35/17 35/20 35/21 36/1 36/5 40/1 44/3 44/6 48/22 49/23 50/13 50/19 51/1 51/1 51/1 51/8 51/11 55/3 55/20 56/13 57/19 58/18 60/12 60/15 60/23 62/15 62/17 63/5 64/18 65/5 65/7 65/9 65/17 66/1 66/1 66/11 66/12 66/12 66/21 67/5 68/1 68/21 69/15 69/15 69/19 71/7 73/8 74/2 75/16 76/22 78/11 79/24 80/10 80/18 82/14 82/17 82/20 84/13 87/12 88/11 88/12 88/15 88/22 89/4 90/4 90/24 91/18 92/3 92/9 93/14 93/24 94/13 95/1 95/18 95/21 96/8 96/16 96/20 97/17 103/14 104/11 106/5 106/6 108/20 109/22 110/1 111/1 111/18 112/18 113/6 117/7 118/5 119/5 119/21 121/3 121/12 121/21 122/17 125/2 126/6 126/22 129/6 129/13 132/10 132/20 132/22 132/23 133/1 141/12 142/17 143/11 144/22 their [72] 8/12 8/16 8/22 20/19 22/24 38/24 39/19 40/3 40/5 40/8 40/12 43/3 50/8 50/15 50/23 52/13 54/15 55/11 55/13 59/12 61/1 61/4 61/4 61/14 62/10 62/14 62/16 66/3 74/24 84/1 88/6 88/7 91/7 91/23 93/4 93/18 94/15 95/8 98/22 106/20 107/4 107/5 109/20 113/17 115/21 115/22 116/11 117/21 119/14 120/9 120/14 120/14 120/24 121/7 121/8 121/10 122/21 123/1 123/4 125/8 127/7 127/19 129/1 131/14 142/5 142/11 143/15 145/2 148/23 149/1 149/7 149/21 them [32] 50/10 50/22 57/3 57/12 59/18 61/12 61/12 66/21 76/5 76/5 82/7 83/12 84/20 88/5 88/8 88/20 91/1 106/14 116/22 118/12 123/4 123/6 126/24 127/17 127/18 129/14 130/20 133/8 138/7 138/10 139/17 145/22 themselves [4] 117/19 127/22 138/4 148/21 then [95] 4/12 6/6 11/7 11/8 13/20 14/24 26/21 28/10 28/12 29/7 29/18 36/20 37/3 48/22 49/2 51/7 52/2 52/10 52/13 53/1 53/12 54/6 54/10 54/12 54/23 55/16 55/24 56/8 57/6 59/15 62/19 63/24 64/23 67/6 67/14 70/6 70/23 71/3 72/20 76/6 77/2 77/5 then... [53] 77/12 78/13 79/18 79/19 80/20 80/24 81/1 81/7 81/14 82/12 83/15 84/2 84/9 85/8 92/2 92/21 99/8 99/8 99/9 101/22 101/22 101/23 102/14 102/17 109/17 113/3 114/19 115/7 116/16 119/10 120/9 120/12 121/17 122/6 123/2 123/14 124/10 126/4 127/7 127/14 128/10 129/2 130/6 130/14 130/23 131/5 131/10 131/11 131/19 140/18 141/10 141/12 146/14 there [146] 5/12 5/18 7/15 8/14 9/15 10/22 11/21 13/3 15/22 16/24 18/16 19/14 23/16 27/18 29/19 29/24 30/4 31/10 31/11 31/13 32/10 32/15 33/1 33/8 33/15 34/12 34/16 36/18 38/17 39/11 40/4 40/20 41/18 41/19 45/10 48/15 48/17 50/8 50/8 51/14 52/7 52/17 52/20 53/1 53/2 55/10 55/14 56/4 56/21 57/20 57/21 57/22 60/22 61/17 62/1 62/17 62/19 64/5 64/6 64/7 64/8 66/10 67/15 67/16 69/3 69/24 70/4 70/9 73/16 74/5 75/6 78/19 79/8 80/1 80/3 81/4 81/4 81/22 83/3 83/8 83/13 84/16 86/8 86/8 87/22 92/18 97/15 100/16 101/18 101/18 101/19 102/12 103/9 105/20 105/24 105/24 106/9 108/19 112/10 112/19 114/3 114/12 114/15 114/15 114/19 115/7 115/12 115/14 116/3 117/12 119/8 119/11 120/16 122/1 122/17 123/5 124/15 125/18 126/11 127/2 127/3 127/4 127/22 129/2 129/9 130/8 130/12 130/18 132/5 133/20 134/6 134/11 134/15 136/24 137/11 139/13 139/20 140/3 140/22 144/9 144/12 148/3 149/7 150/18 150/24 151/3 there's [65] 4/12 4/15 6/7 9/11 16/16 16/16 16/22 18/12 18/22 19/22 20/6 20/16 20/23 20/23 23/7 27/12 28/24 31/24 32/9 32/23 34/17 34/18 35/16 36/24 39/6 40/12 40/24 42/21 43/14 56/17 56/23 56/23 57/19 64/22 69/2 71/22 77/3 77/8 78/7 79/3 84/14 84/21 87/10 99/15 100/7 101/17 121/15 125/22 126/4 130/2 133/20 134/10 134/14 135/10 135/21 136/1 137/7 138/2 139/10 139/23 140/12 141/14 144/17 144/17 151/14 therefore [4] 118/3 138/12 140/5 140/12 these [13] 38/22 39/3 39/4 41/16 59/10 116/20 117/21 126/3 136/17 136/18 144/2 144/9 151/6 they [193] they're [57] 22/3 39/7 39/9 39/14 39/16 39/18 40/4 40/7 40/20 43/11 43/14 44/13 48/12 48/13 48/13 51/13 59/22 67/11 76/2 76/3 76/11 82/3 84/3 84/9 84/11 93/8 94/16 94/21 95/19 104/4 107/8 115/23 121/4 121/18 121/19 124/14 129/1 133/6 133/7 134/16 134/17 134/18 134/19 136/18 137/10 137/16 137/20 137/21 137/21 137/23 137/24 138/1 138/7 141/12 141/23 142/9 142/13 thing [13] 13/23 18/15 24/23 30/19 39/23 52/15 66/18 78/18 80/13 83/19 87/13 89/6 124/21 things [20] 10/6 10/11 20/6 23/8 31/24 32/9 34/21 51/4 56/18 66/18 68/21 79/6 110/8 111/3 122/13 130/3 132/15 134/24 144/15 144/18 think [117] 5/23 7/10 7/16 7/23 7/24 8/3 9/3 9/4 9/14 10/3 10/13 10/16 10/17 12/19 16/11 16/15 16/15 16/17 20/6 20/18 20/23 20/24 21/3 21/13 22/11 22/12 22/15 30/22 30/23 31/10 33/6 34/5 36/5 36/6 36/8 38/3 39/2 39/18 39/23 43/2 43/5 44/1 49/3 56/16

58/11 60/11 60/19 61/3 61/6 62/14 63/21

64/4 64/9 64/17 65/12 65/12 65/20 66/18

78/6 78/16 78/17 78/18 78/20 79/22 80/16 85/15 89/22 91/1 91/13 92/19 100/2 100/19 training [1] 42/12 103/1 107/3 107/13 108/18 114/18 117/15 118/14 119/6 120/3 120/22 121/1 122/19 123/12 123/19 124/2 124/17 124/21 127/24 128/7 129/5 129/10 131/18 132/4 132/5 134/7 134/13 134/13 134/15 134/20 135/1 thinking [1] 23/5 thinks [1] 64/8 third [5] 32/11 101/18 104/5 104/7 115/2 this [224] those [70] 9/3 9/13 9/18 11/24 13/6 13/13 13/18 17/21 19/8 20/7 20/17 21/3 21/4 21/24 22/12 22/15 24/20 24/21 25/23 26/4 26/8 31/5 31/9 34/7 35/14 37/1 39/10 43/8 43/9 45/4 45/6 47/24 48/24 49/14 51/22 51/23 55/6 61/15 67/12 71/16 72/8 72/14 74/14 74/14 74/17 79/3 79/7 84/16 93/16 97/1 108/1 108/14 110/8 116/7 125/14 125/23 126/23 126/24 128/1 134/22 135/19 137/1 137/5 139/4 139/15 140/17 142/10 144/14 148/9 148/10 though [9] 35/22 48/18 60/13 65/1 68/4 74/19 116/12 142/13 145/22 thought [12] 22/4 23/11 35/2 63/11 64/17 64/17 76/23 92/5 112/12 113/8 124/13 140/10 thousand [2] 83/8 83/9 three [14] 70/18 77/17 77/20 78/8 78/13 78/16 78/21 91/13 98/24 133/16 135/13 135/21 139/13 139/14 three-month [2] 78/8 78/13 three-page [1] 70/18 through [53] 4/4 4/5 9/9 15/16 16/4 20/9 23/11 27/20 28/1 32/3 33/18 33/22 33/23 35/3 36/10 36/13 36/19 37/4 40/6 40/9 40/23 41/24 49/20 49/23 51/5 52/3 58/4 61/15 63/1 71/5 72/12 72/16 73/19 73/23 78/15 79/7 79/9 79/10 90/3 91/13 92/10 108/9 125/13 126/21 129/18 133/23 134/2 135/6 135/8 136/1 138/3 142/6 144/4 throughout [2] 91/23 107/13 Thus [1] 142/15 tied [1] 90/22 till [2] 23/17 123/1 time [63] 8/6 9/1 13/15 14/3 15/10 21/2 22/20 24/24 25/16 25/19 28/4 29/13 32/11 34/21 35/18 36/7 39/19 39/23 40/8 40/9 41/12 42/20 54/15 55/14 56/3 57/5 57/12 61/18 64/4 74/1 75/14 77/21 78/20 78/23 79/4 79/7 79/9 79/13 81/9 83/15 90/8 93/9 94/10 113/21 118/9 120/24 121/11 123/13 123/13 123/16 123/20 123/24 124/2 124/3 127/17 127/20 128/16 140/16 141/15 141/22 141/23 144/3 144/16 times [3] 95/16 125/5 135/13 today [23] 5/22 23/21 42/5 47/19 78/18 86/13 87/23 88/13 96/14 99/16 101/12 101/14 108/19 111/18 121/21 135/11 136/22 139/2 139/15 140/2 140/16 141/19 143/18 today's [1] 139/24 together [2] 4/3 30/1 token [2] 43/8 62/3 told [3] 53/21 95/3 124/12 tomorrow [1] 107/21 too [4] 41/13 78/21 133/17 147/24 took [4] 5/21 54/6 69/8 127/17 top [5] 29/18 30/3 75/2 89/22 105/6 total [5] 35/7 70/22 128/23 128/24 131/17 towards [1] 52/8 track [3] 69/7 78/19 79/14 tracking [2] 137/4 137/5

67/1 68/8 68/10 68/12 68/21 69/5 69/9

trade [1] 118/24 71/22 72/2 74/24 76/4 76/6 77/7 77/12 78/1 traditional [1] 116/24 train [1] 22/4 trajectory [1] 127/2 transaction [2] 116/7 116/16 transactions [1] 116/20 transcript [5] 5/20 15/13 15/21 27/4 27/9 transferred [1] 134/18 transition [10] 60/6 104/18 105/23 114/11 126/21 129/11 135/3 135/15 144/9 145/7 transmission [2] 40/11 41/2 transpired [1] 99/15 tree [1] 10/10 trend [1] 44/19 triangle [1] 12/3 tried [1] 132/4 trigger [2] 72/21 73/3 triple [1] 109/1 trouble [1] 100/4 truck [1] 136/1 true [11] 25/16 37/6 86/11 97/18 106/15 115/6 125/10 141/19 143/19 143/20 143/21 try [4] 41/7 49/12 125/23 131/14 trying [17] 20/11 23/6 23/12 50/21 52/6 53/7 56/18 59/2 59/13 62/18 73/24 80/13 83/3 89/5 90/1 113/19 115/21 turn [9] 16/21 26/22 27/6 33/1 70/3 77/16 97/9 104/15 105/19 Turning [1] 104/5 Twenty [1] 83/9 twice [2] 103/18 135/13 two [20] 10/4 33/16 41/8 41/14 51/4 56/1 57/14 59/15 64/23 80/24 81/2 81/6 84/12 95/16 98/24 100/14 101/20 111/3 131/22 134/24 two-part [1] 33/16 two-sentence [1] 10/4 types [1] 39/3 typically [4] 94/9 94/21 95/2 95/7 typo [1] 9/9

ultimately [1] 64/14 unanticipated [3] 31/23 32/10 32/15 uncertainty [1] 124/10 under [59] 6/13 7/13 8/7 8/13 8/24 10/11 12/5 12/23 13/3 15/8 16/15 19/23 24/14 25/1 25/2 25/5 43/9 44/22 54/1 54/15 55/3 56/4 56/8 59/8 61/9 61/23 67/3 67/10 69/8 75/4 76/9 76/11 76/13 77/11 77/13 83/2 83/11 100/10 101/18 101/20 103/11 103/13 104/6 105/20 106/17 113/9 114/24 119/12 122/24 138/9 139/24 142/9 142/13 143/4 145/16 147/13 150/15 150/16 151/18 underlying [1] 20/16 understand [14] 14/9 40/17 42/11 70/2 80/16 94/21 99/18 102/17 105/18 126/9 139/10 139/11 140/23 141/12 understanding [3] 93/14 96/4 125/17 understood [4] 17/7 63/10 110/16 121/15 undertaken [1] 122/21 undertaking [1] 91/22 undue [1] 145/6 unduly [7] 60/7 60/18 135/17 135/22 145/4 150/17 150/18 unfair [3] 111/1 125/16 134/21 Union [1] 88/4 unique [1] 129/21 universal [2] 132/24 133/11 unlawful [2] 133/14 148/15 unless [6] 5/12 6/7 61/24 61/24 64/22 151/14 unnecessarily [1] 140/20 until [4] 22/23 35/18 74/21 121/21

untimely [1] 133/17 up [33] 5/11 5/13 10/16 18/13 35/18 44/18 46/24 50/21 57/3 58/17 58/18 61/22 62/16 67/22 68/19 81/12 83/22 85/15 93/13 108/15 109/2 110/13 111/3 117/3 118/13 119/15 124/24 125/12 126/3 127/12 135/11 142/18 143/15 updated [1] 72/23 upon [7] 15/9 91/10 101/23 107/4 109/9 109/11 121/2 upper [1] 53/8 us [8] 6/22 9/17 46/4 67/7 70/16 109/24 119/11 127/10 use [17] 18/13 19/1 44/18 49/20 82/11 93/5 93/16 104/10 122/18 133/13 133/14 133/21 137/7 137/12 140/9 140/13 140/19 used [4] 53/11 62/23 72/8 72/22 user [3] 87/17 90/1 119/5 using [7] 27/13 34/13 42/8 71/2 82/22 83/1 137/16 usually [1] 79/17 utilities [4] 1/2 87/11 128/5 129/17 utility [16] 59/19 61/13 68/19 90/23 92/6 97/20 98/11 104/20 115/19 115/23 127/14 128/9 128/14 128/16 128/24 149/20 utilized [1] 102/6

vague [1] 45/15 valid [1] 21/3 value [7] 66/10 108/20 116/5 117/24 118/11 121/10 140/23 variety [4] 22/17 23/7 25/20 140/22 various [9] 10/4 10/6 10/21 16/15 82/1 87/21 96/23 146/15 148/4 verbal [5] 6/8 130/13 130/17 130/21 151/15 verbally [1] 66/15 verified [1] 128/2 version [1] 99/1 versus [4] 84/10 111/11 112/11 112/15 very [44] 12/22 28/16 31/16 36/7 41/5 70/18 75/2 87/3 90/22 100/8 100/13 101/2 101/20 102/5 103/15 105/6 106/11 107/10 109/3 109/3 109/12 109/12 111/12 111/12 117/3 117/3 119/1 119/1 119/19 121/8 121/8 124/17 124/17 129/20 130/4 132/2 132/3 132/11 133/18 136/1 140/5 141/15 144/15 151/12 Vice [1] 89/24 view [10] 10/13 16/17 31/20 90/18 91/20 107/4 107/5 127/20 130/3 132/12 viewed [2] 76/7 76/16 violate [1] 138/7 violating [2] 138/12 138/16 virtually [1] 114/16 volatility [3] 60/9 135/19 135/24

wait [1] 123/1 want [22] 16/21 31/14 33/11 41/6 53/16 53/17 59/16 63/10 63/11 65/13 70/1 86/9 88/9 89/5 89/6 106/10 111/3 122/14 132/4 132/6 132/6 148/3 wanted [7] 12/16 12/19 24/11 24/13 31/14 44/5 112/20 war [1] 108/15 was [113] 5/20 6/9 7/3 8/24 9/2 9/9 9/15 11/12 15/23 17/12 18/2 18/5 19/15 19/15 22/7 23/6 23/12 25/19 28/20 34/11 34/12 34/23 41/10 42/6 42/8 44/3 45/1 45/14 45/22 47/2 49/16 51/4 51/5 51/7 52/16

52/20 52/22 55/16 56/4 57/12 57/21 57/24

59/21 63/11 63/18 64/12 64/14 66/17 66/17 were [56] 4/3 6/12 8/12 8/19 24/10 44/11 71/17 71/18 72/9 75/5 81/4 83/8 83/20 85/20 86/20 87/9 88/16 88/18 88/19 92/6 92/18 94/2 95/12 99/18 101/1 101/11 102/23 103/2 110/13 111/9 111/9 112/10 112/14 112/16 112/16 112/17 113/8 114/18 115/12 115/13 115/14 115/14 116/2 118/14 122/2 122/10 122/11 123/3 123/7 124/13 124/13 126/11 127/10 132/11 132/12 139/2 139/7 139/7 139/8 139/13 139/18 141/8 141/9 141/18 144/12 144/12 144/15 146/7 148/3 151/8 wasn't [5] 15/23 23/5 89/18 115/14 125/1 way [29] 19/13 26/24 31/21 34/14 34/21 44/1 44/20 62/22 64/8 64/12 67/5 68/11 68/11 69/5 69/6 76/14 82/8 83/10 104/16 123/17 124/6 125/23 126/22 128/1 131/2 149/1 149/2 149/7 149/9 ways [1] 116/23 we [139] 4/2 4/3 4/3 4/5 4/11 4/14 4/14 4/15 5/11 5/11 5/12 6/7 6/22 7/11 7/23 11/7 12/11 12/20 17/3 27/8 27/12 27/12 31/2 32/23 34/24 35/2 36/2 40/18 41/6 41/6 41/14 42/19 44/14 44/14 46/7 50/21 52/13 56/13 59/4 61/24 62/19 65/23 66/7 66/22 66/23 67/5 67/8 67/9 67/10 68/2 68/19 69/7 71/22 72/3 72/6 76/23 77/7 79/5 79/18 79/19 83/4 83/8 85/17 85/17 85/18 87/24 88/7 88/7 89/19 90/4 90/5 90/5 92/9 92/19 99/14 101/11 108/21 108/23 109/1 109/6 110/4 110/4 110/5 110/6 110/6 110/10 112/1 117/15 117/15 118/21 118/24 118/24 119/2 119/3 119/6 119/7 119/7 119/7 119/10 121/21 122/13 122/13 122/15 122/16 122/16 122/17 122/18 129/15 129/15 130/8 130/11 130/15 130/23 131/2 131/5 131/11 131/13 132/10 132/14 133/15 134/5 139/9 139/11 142/15 143/8 143/10 144/15 144/17 145/12 145/14 145/18 145/23 145/23 146/2 147/15 151/6 151/13 151/17 151/18 we'd [2] 30/19 134/6 we'll [9] 4/16 11/9 67/3 67/19 67/19 90/13 127/7 130/23 131/12 we're [21] 10/16 27/13 38/7 51/16 53/7 53/10 59/2 59/13 59/18 81/23 85/14 90/4 90/9 101/12 113/7 118/1 126/21 130/8 131/11 137/6 151/19 we've [15] 38/3 49/3 53/21 87/22 101/2 106/23 108/18 117/9 120/6 124/19 126/16 127/21 131/4 131/5 135/12 weeks [1] 6/22 welcome [2] 47/6 92/16 welcoming [1] 124/20 well [119] 8/20 14/1 16/15 18/15 19/12 19/15 19/22 20/6 20/18 20/23 21/15 21/22 22/2 22/11 23/5 27/24 29/16 29/18 30/18 31/3 31/15 32/3 34/5 34/19 34/22 34/24 35/2 35/11 36/3 38/6 38/7 39/17 39/23 40/9 40/11 42/8 43/5 43/19 43/23 45/19 48/11 48/16 50/4 50/20 51/1 51/10 52/15 54/8 57/1 57/19 58/8 59/24 61/11 62/5 63/3 63/24 64/2 64/6 64/21 67/1 67/9 67/12 67/22 68/6 68/14 68/21 69/15 76/4 76/11 76/22 76/23 77/12 78/1 83/1 83/19 83/22 84/13 84/21 88/22 89/21 90/5 91/5 92/3 97/22 98/17 100/18 105/19 106/11 107/3 107/13 108/6 109/22 110/20 111/3 113/7 113/16 113/24 116/2 116/17 117/15 118/20 119/19 120/11 121/2 121/18 122/5 122/19 124/2 125/17 127/1 130/2 130/7 132/2 132/4 134/8 136/16 137/6 139/9 140/10 well-tried [1] 132/4 went [6] 54/7 57/10 57/11 81/10 122/13 122/15

45/10 47/3 48/23 52/17 54/14 55/24 56/11 57/7 60/20 63/18 66/7 66/19 66/19 69/9 72/3 72/8 72/16 74/6 74/22 75/22 76/4 76/5 76/12 76/17 76/23 79/22 82/5 84/2 89/2 94/1 94/17 94/22 98/18 99/16 101/9 112/13 115/16 117/11 117/12 120/8 122/16 127/15 127/16 127/18 128/3 128/16 129/9 129/10 129/12 131/2 weren't [4] 39/22 57/8 69/9 124/23 what [146] 5/15 9/5 10/6 10/14 13/6 13/22 14/4 18/6 18/20 19/12 19/13 19/18 20/8 20/11 23/2 29/2 30/2 30/23 32/20 33/20 34/13 34/20 34/21 34/24 35/18 37/2 37/5 37/10 37/24 38/17 39/15 39/18 39/19 40/3 40/7 42/23 43/14 43/17 44/3 44/22 45/6 45/16 46/7 48/9 48/11 49/10 49/10 51/16 51/24 53/23 54/11 54/14 54/24 55/20 58/2 59/2 59/13 60/13 60/19 61/7 64/3 65/3 65/8 65/10 66/7 66/15 67/7 68/17 68/18 68/24 69/5 69/7 69/9 69/13 69/17 69/17 71/3 71/16 72/3 72/23 76/8 76/17 77/15 81/23 83/3 89/5 92/5 95/3 95/8 102/13 103/2 103/22 104/11 105/15 105/18 106/4 106/5 106/6 107/4 107/6 107/16 108/6 108/9 111/7 111/8 111/16 112/13 113/1 113/13 113/24 114/5 115/12 115/13 115/13 116/18 117/11 117/12 118/7 118/11 118/24 119/3 119/6 119/10 121/10 121/16 121/21 123/9 124/5 124/13 127/21 129/11 130/8 131/18 132/20 132/23 133/1 134/16 134/20 135/19 136/16 138/14 140/17 141/10 141/11 141/12 141/23 what's [16] 7/4 56/19 65/22 67/18 70/8 74/11 75/24 77/7 78/12 78/20 87/16 89/10 91/12 123/18 125/16 142/6 whatever [12] 35/15 37/16 43/11 53/15 56/22 59/16 61/5 61/6 83/14 106/19 132/8 144/22 Whatever's [1] 144/19 when [38] 4/3 7/3 9/9 10/5 13/22 27/17 29/5 29/8 32/4 34/9 37/3 40/14 52/19 55/4 72/8 72/10 78/14 79/14 84/17 93/3 93/15 94/7 95/2 95/11 114/3 115/11 118/4 122/10 126/1 127/14 128/8 128/19 131/13 133/5 133/15 141/5 141/13 144/20 whenever [1] 84/12 where [43] 4/14 11/21 12/20 22/11 40/8 40/18 41/13 44/15 45/2 50/2 52/17 53/24 55/11 55/12 55/15 55/17 57/6 57/23 59/15 62/19 64/11 64/19 68/11 68/19 82/20 84/20 91/5 91/6 100/13 100/19 100/24 101/11 107/11 116/3 124/18 124/24 129/1 129/15 135/12 139/16 141/12 143/10 149/10 whereas [1] 108/22 whereby [1] 52/1 Whereupon [3] 6/9 85/20 151/20 wherewithal [2] 116/4 116/20 whether [40] 10/10 10/11 15/18 15/24 21/2 22/13 23/8 23/9 25/5 30/7 31/20 31/20 36/2 45/12 45/14 46/18 47/24 56/11 59/21 68/10 71/10 71/11 71/11 71/13 74/22 75/19 77/23 77/23 81/8 84/24 99/18 109/19 109/20 115/16 121/11 129/4 136/20 136/23 138/9 141/6 which [50] 10/4 13/3 22/3 24/15 26/10 28/9 28/12 30/7 32/19 36/23 37/20 47/3 51/5 51/13 55/19 60/3 60/6 61/8 62/2 70/13 70/14 70/18 84/7 87/21 90/21 92/6 92/20 99/14 100/18 101/8 103/9 108/21 109/3 109/23 110/9 116/7 120/22 121/17 124/8 124/9 124/13 127/3 128/1 132/17 133/10 133/13 135/17 136/2 141/4 144/20 while [7] 12/17 77/11 110/4 113/7 121/13 130/8 147/22

W who [34] 25/4 41/22 42/3 42/4 42/6 45/4 49/13 49/15 51/17 54/3 62/23 64/8 82/21 100/23 105/9 105/22 106/19 114/9 115/3 116/4 122/2 122/23 126/3 126/23 127/15 131/6 139/3 139/4 141/19 142/7 142/9 146/12 148/10 149/17 whole [7] 20/7 62/2 89/16 91/9 117/22 126/4 140/4 wholesale [1] 99/4 whom [2] 67/24 127/7 whose [2] 116/21 117/17 why [24] 4/11 12/10 23/2 30/15 31/15 33/15 34/2 34/2 36/7 43/6 44/21 48/23 50/21 52/13 56/22 76/19 77/9 89/19 102/17 102/23 103/4 105/24 106/3 139/3 wider [1] 149/16 will [70] 5/17 6/20 10/6 13/12 14/1 15/9 21/1 35/15 38/17 46/16 49/21 50/3 50/4 52/4 52/7 52/8 58/15 60/19 62/3 62/5 62/6 62/11 63/13 64/5 68/15 72/7 72/11 72/13 74/5 75/20 77/18 78/16 82/14 90/19 90/21 91/1 91/5 91/6 91/8 95/3 95/8 95/9 107/6 117/11 117/24 119/4 121/20 127/4 127/6 127/7 127/13 131/11 139/15 139/17 139/20 141/3 141/4 141/5 141/13 141/20 143/4 144/5 144/6 144/20 145/2 145/22 148/21 149/2 149/12 151/17 willing [1] 106/13 windfall [4] 65/14 65/16 120/19 120/22 wing [1] 29/18 wired [1] 125/21 wires [2] 33/24 128/6 wish [2] 90/4 122/3 within [1] 143/13 without [25] 59/24 60/9 75/13 83/2 105/9 105/13 105/16 105/22 106/1 106/7 106/24 114/10 114/13 116/10 116/14 116/15 120/16 128/11 128/24 132/18 132/20 133/2 133/2 133/7 143/5 withstand [1] 144/3 witness [12] 2/4 2/10 6/24 12/8 27/8 85/18 98/6 100/17 130/9 132/12 139/6 143/1 witnesses [3] 4/4 92/18 130/11 won't [8] 12/1 42/19 53/1 58/23 132/21 135/1 141/14 145/22 wonder [2] 32/20 41/23 wondering [3] 15/24 22/7 37/19 word [4] 19/1 30/20 42/8 121/5 words [7] 10/14 18/13 19/12 63/11 83/19 101/3 106/3 work [8] 30/10 30/17 31/7 78/16 81/5 131/2 131/3 134/19 worked [2] 83/19 126/20 working [16] 8/21 16/18 18/22 31/6 31/18 39/16 39/18 39/21 39/23 39/24 40/5 40/20 49/23 68/22 89/1 89/1 workings [2] 7/1 13/10 workload [2] 42/17 42/22 works [3] 53/7 56/17 84/17 worried [1] 52/13 worry [5] 110/4 110/5 110/5 110/6 110/7 worse [1] 44/23 would [220] wouldn't [10] 8/16 14/1 21/23 43/10 53/2 56/12 78/17 82/16 93/3 101/5 writing [1] 107/16 written [1] 115/11 wrong [4] 27/13 29/16 71/18 133/14 wrote [1] 129/9 year [16] 32/7 65/15 71/16 73/9 73/13

73/14 79/19 84/19 91/7 93/13 95/16 95/20

133/16 143/13 146/9 148/9 years [11] 40/20 56/1 84/12 91/2 91/14 101/11 102/7 124/7 127/9 139/13 139/14 yes [134] 4/7 6/5 6/14 7/22 9/9 10/2 11/18 11/24 13/5 14/11 15/2 15/2 15/12 15/21 16/6 16/8 17/2 17/10 17/16 17/20 18/5 20/15 20/19 20/23 22/19 23/1 23/24 24/4 25/18 25/21 26/2 26/5 26/9 26/13 26/18 27/1 27/23 28/6 28/22 31/6 31/13 32/10 32/18 33/20 33/24 35/5 35/21 36/5 36/12 36/22 37/17 41/4 41/10 41/21 43/7 47/23 48/2 48/7 49/5 51/1 51/6 51/10 51/15 51/19 52/7 53/19 54/8 54/23 56/13 56/15 60/16 63/20 66/21 67/21 72/6 73/7 73/22 73/24 74/8 74/19 79/2 79/24 80/4 80/12 80/23 81/3 81/18 82/23 85/17 86/17 86/19 87/7 87/15 87/24 88/12 89/9 89/13 92/12 93/6 93/19 95/10 96/12 96/19 97/5 97/14 97/17 97/17 98/17 99/18 100/5 100/8 100/12 101/1 102/13 104/11 105/3 105/11 106/5 106/9 106/11 107/19 109/15 109/16 111/9 112/5 112/18 115/9 117/8 126/14 126/18 129/13 139/9 139/11 150/16 yet [6] 42/6 46/11 59/21 70/16 74/17 99/15 you [442] you'd [7] 48/11 67/12 73/5 77/12 81/14 83/19 98/1 you'll [1] 72/21 you're [46] 21/5 28/10 29/14 31/10 36/15 36/18 37/2 37/5 39/11 39/23 40/14 40/17 44/5 45/16 46/7 47/6 49/20 59/14 60/13 71/2 71/18 75/11 76/8 76/14 77/4 77/5 80/17 82/9 82/12 82/12 84/17 85/9 88/10 88/13 92/16 96/6 96/14 113/1 119/14 121/11 121/12 121/12 121/16 130/7 130/9 135/20 you've [16] 12/18 32/6 32/11 55/17 58/6 61/2 61/16 65/20 76/24 80/3 117/5 120/3 125/5 125/15 126/19 134/3 your [79] 12/18 15/16 16/1 16/7 17/24 18/1 18/10 18/11 20/18 20/20 21/21 22/22 25/23 26/15 28/8 36/5 38/4 42/11 46/14 47/8 53/22 63/11 63/11 65/22 66/14 66/15 66/17 73/18 81/7 81/17 84/21 86/12 88/22 89/10 90/4 90/16 92/10 96/4 96/5 96/5 97/6 97/9 97/11 99/23 101/16 101/17 101/19 102/2 102/5 102/10 102/12 102/14 102/17 103/7 103/22 104/5 105/5 105/12 105/18 106/4 106/16 107/1 107/11 107/17 108/4 109/8 109/17 110/13 110/16 112/9 114/24 115/8 117/4 120/7 120/12 121/14 123/17 125/11 126/20 yours [1] 125/6 yourself [1] 81/24 yourselves [1] 131/23

STATE OF NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

DE 11-216

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

Alternative Default Energy Service Rate

Order Conditionally Approving Alternative Default Energy Service Rate Pilot Program

<u>ORDER NO. 25,488</u>

April 8, 2013

APPEARANCES: Matthew J. Fossum, Esq. on behalf of Public Service Company of New Hampshire; James T. Rodier, Esq. on behalf of Freedom Logistics, LLC, Halifax-American Energy Company, LLC and PNE Energy Supply LLC d/b/a Power New England; Robinson & Cole, LLP by Joey Lee Miranda, Esq. on behalf of Retail Energy Supply Association; Office of Consumer Advocate by Susan W. Chamberlin, Esq. on behalf of residential ratepayers; and Suzanne G. Amidon, Esq. on behalf of Commission Staff.

I. PROCEDURAL HISTORY

On April 27, 2012, Public Service Company of New Hampshire (PSNH or the Company) filed testimony and related exhibits, including illustrative tariffs, describing its proposed alternative default energy service rate (Rate ADE). PSNH designed Rate ADE as a new energy service rate for customers who return to PSNH for energy service after taking energy service from a competitive supplier. PSNH made the filing pursuant to Order No. 25,320 (January 26, 2012) in the instant docket.¹

In Order No. 25,320, the Commission denied PSNH's petition for Rate ADE as filed on September 23, 2011 and directed PSNH to redesign Rate ADE to address: (1) the absence of a mechanism to reflect market price impacts on the rate; (2) the potential for gaming inherent in the proposal; and (3) the lack of an objective basis for the calculation of the proposed "adder" of

¹ See Order No. 25,320 for the procedural history for Docket No. DE 11-216 through January 2012.

DE 11-216 - 2 -

one cent per kilowatt-hour (kWh). On April 27, 2012, PSNH filed a revised Rate ADE that, according to the Company, addressed the concerns identified in Order No. 25,320.

In the earlier phase of this docket, the Office of Consumer Advocate (OCA) filed a letter of participation pursuant to RSA 363:28 and the Commission granted a motion to intervene by Freedom Logistics, LLC d/b/a Freedom Energy Logistics (FEL) and Halifax-American Energy Company, LLC (HAEC).

On May 4, 2012, FEL filed a motion to dismiss PSNH's request for approval of its proposed Rate ADE. PSNH filed an objection to the FEL motion on May 14, 2012, to which FEL filed a reply on May 15, 2012. On June 8, 2012, the Commission issued Order No. 25,372 denying FEL's motion to dismiss. On May 24, 2012, the Commission issued Order No. 25,368 suspending PSNH's tariffs and scheduling a hearing.

The Retail Energy Supply Association (RESA) and PNE Energy Supply LLC d/b/a
Power New England (PNE) filed motions to intervene on May 25 and May 30, respectively. The
Commission granted both motions on June 19, 2012. ²

Staff filed a proposed procedural schedule on June 20, 2012. FEL and PNE filed a letter on June 20 asking that post-hearing briefs be added to the schedule. The Commission approved the procedural schedule by secretarial letter on June 29, 2012 and stated that post-hearing briefs were not necessary. The parties engaged in discovery and, pursuant to the procedural schedule, Staff and the OCA filed testimony on August 24, 2012. PNE filed testimony on August 27, 2012 and PSNH filed rebuttal testimony on September 21, 2012.

-

² The Motion to Dismiss was filed by FEL alone, despite the joint intervention with HAEC. Neither FEL nor HAEC participated in the docket after June 20, 2012.

Following discussions among the parties, PSNH, the OCA and Staff entered into a partial settlement agreement which was filed on October 12, 2012. A hearing on the merits of the partial settlement agreement was held on October 18 and November 26, 2012.

On December 24, 2012, by a letter dated December 20, 2102, North American Power and Gas, LLC (NAPG) filed a petition for late intervention. Also on December 24, 2012, PSNH filed an objection to NAPG's petition to intervene.

II. SUMMARY OF PSNH'S REDESIGNED RATE ADE

PSNH stated that the proposed redesigned Rate ADE builds on its prior proposal with additional enhancements that address the Commission's concerns. Consistent with its initial filing, Rate ADE would initially be available only to its largest customers, those taking delivery service under Primary General Service Rate GV, Large General Service Rate LG, or Backup Service Rate B. To address the OCA's concern about residential customer eligibility for the rate under the initial proposal, PSNH stated it would extend Rate ADE to residential and small commercial customers within nine months from the rate's effective date. PSNH explained that changes needed to bill Rate ADE must be done manually but given the limited number of larger customers it could be done relatively quickly. Due to the high number of smaller customers, however, manual billing is not possible and, according to PSNH, it would need nine months to fully implement automated billing for Rate ADE for all customers.

Consistent with PSNH's initial proposal³, the redesigned Rate ADE would be available to a customer who returns to PSNH for service following at least twelve consecutive months of taking service from a competitive supplier. Once a customer is eligible to take service under Rate ADE, that customer would receive service under Rate ADE rather than PSNH's regular default energy service rate (Rate DE) for a term of 24 months (the "term of service"). The

³ References to PSNH's "initial proposal" are to the proposed Rate ADE that was addressed in Order No. 25,320.

DE 11-216 - 4 -

Company said that it proposed a term of service of 24 months to (1) ensure that customers do not receive an extended period of discounted rates when marginal costs are below PSNH's average energy service costs (resulting in Rate ADE being lower than Rate DE), (2) to avoid having customers paying a higher rate for an extended period when marginal costs exceed PSNH's average costs, and (3) to extend the length of time that the benefits of Rate ADE are provided to all other default service customers.

Under PSNH's proposal, a customer eligible for Rate ADE may continue to take service under Rate ADE or move back to a competitive supplier during the 24 month term of service, with no restrictions for transferring from Rate ADE to the competitive market, or *vice versa*. Once a customer is eligible to take service under Rate ADE, that customer would be ineligible to take service under PSNH's standard Rate DE for the 24 month period. It would, however, be able to move back and forth between Rate ADE and competitive suppliers. The Company said appropriate changes would be made to the Rate DE tariff to clarify that Rate DE is not available to customers who are eligible for Rate ADE.

As proposed by PSNH, the Company would determine the pricing under Rate ADE on an annual basis, and that rate would remain in effect for a full year unless there is a significant shift in the market. Consistent with its initial proposal, PSNH's revised Rate ADE would be calculated based on two cost components: (1) PSNH's marginal costs of additional energy requirements necessary to serve the customers who are taking service under Rate ADE; and (2) an adder that is based on the non-operating costs of the wet flue gas desulphurization system (Scrubber) installed at PSNH's Merrimack Station.

Pursuant to RSA 125-O:18, PSNH must recover costs of the Scrubber through the Company's default energy service. In its initial filing, PSNH had proposed a Scrubber cost-

DE 11-216 - 5 -

recovery adder of 1.0 cents per kWh but the Commission expressed concern that there was no objective basis for the adder. *See* Order No. 25,230. In the revised filing, PSNH testified that the non-operating costs are now known and, consequently, there is sufficient cost basis to calculate the adder.

According to its pre-filed testimony, the Company would stay current with market prices by monitoring its forecasted marginal costs on a monthly basis and comparing those prices to the prices used to calculate the annual rate. To address the Commission's concern about the importance of reflecting changes in market prices, the Rate ADE proposal now includes a process to adjust the rate. Under the proposal, if new projections of average marginal costs for the remaining months of the annual period have increased by at least 75% of the adder, as compared with the marginal costs for those same months that were used to determine the annual rate, PSNH would seek Commission approval to increase Rate ADE for the remaining six months of the annual period.

With respect to the Commission's concern about the potential for "gaming" under its initial proposal, PSNH proposed that if the marginal costs increased by more than 75% of the adder, then Rate ADE would be closed to new customers until the next adjustment of the rate. Closing of the rate would minimize the risk of any Rate ADE under-recovery occurring and being recovered from standard Rate DE customers. While PSNH said it could design rates that would mitigate risks of such under-recoveries, the resulting rate would be so restrictive that few, if any, migrated customers would actually take service under Rate ADE, resulting in reduced benefits for all other customers. PSNH said its rate design was intended to balance the need to reduce the risk for all other customers with the need to make Rate ADE attractive to migrated customers, thereby producing benefits for all other customers.

In its April 27, 2012 filing, PSNH calculated a proposed Rate ADE for effect July 1, 2012 of 6.40 cents per kWh, and an adder of 1.03 cents per kWh to recover the non-operating costs of the Scrubber.

III. PARTIAL SETTLEMENT AGREEMENT

A. Pilot Program

The Partial Settlement Agreement⁴ (Settlement) executed by PSNH, the OCA and Staff (Settling Parties) proposes the availability of Rate ADE on a pilot basis for a period of 36 months (pilot period) beginning upon the implementation of Rate ADE as ordered by the Commission. Pursuant to the Settlement, the Commission would evaluate the pilot upon conclusion of the pilot period or prior to any change to or extension of the pilot program. The Settling Parties agreed that nothing in the Settlement would limit the authority of the Commission to terminate Rate ADE prior to the end of the pilot.

B. Term of Service

The Settling Parties agreed that a customer would be eligible to receive service under Rate ADE following at least 12 consecutive months of taking service from competitive supplier for a "term of service" (i.e., the period of time under which the terms and conditions of Rate ADE would be applicable to Rate ADE customers) to be set by the Commission. The term of service would begin when a customer is first served under Rate ADE and would end once the term of service period has passed. During the term of service, the customer could return to competitive supply at any time without re-setting the term of service, with one exception—if the customer takes competitive supply for twelve consecutive months, the term of service would reset upon the customer electing to take service from PSNH under Rate ADE. For example, assume a customer has been taking service from a competitive supplier for 14 consecutive

⁴ The signatories to the Settlement did not agree on the length of the term of service.

DE 11-216 - 7 -

months. If that customer wishes to return to take supply service from PSNH, that customer would be served under Rate ADE rather than Rate DE. If, four months into the Rate ADE term of service, that customer returns to competitive supply for a period of less than 12 consecutive months and subsequently returns to PSNH before the Rate ADE term of service ends, the "clock" on the Rate ADE term of service would continue to run uninterrupted. If, however, the customer returned to competitive supply for more than 12 consecutive months, then the term of service would rest upon a future election to return to service under PSNH's Rate ADE.

C. Eligible Customer Classes

PSNH would first make Rate ADE available to customers taking delivery service under Primary General Service Rate GV, Large General Service Rate LG, or Backup Service Rate B. PSNH would make Rate ADE available to all customer classes within nine months of implementation or, if necessary, notify the Commission of any change to the expected date that Rate ADE would be available to all classes.

D. Pricing of Rate ADE

The Settling Parties agreed that the price under Rate ADE would be set on an annual basis at the same time PSNH sets the price for Rate DE, and that PSNH could adjust the rate after six months if there is a significant shift in the market. The ADE price would be based upon PSNH's forecast of the marginal cost to provide full requirements service to the New Hampshire load zone plus an adder that would be set equal to the non-operating costs of the Scrubber. Pursuant to the Settlement, the forecast of marginal costs would include forward energy market prices, forward capacity market prices, forecasted ancillary service costs, forecasted Independent Service Operator-New England market administration costs and forecasted renewable portfolio

DE 11-216 - 8 -

standard compliance costs, all of which would be determined in a manner consistent with its periodic rate filings for Rate DE.

The Settlement provides that the non-operating costs of the Scrubber shall include depreciation, property taxes and return on rate base. Further, PSNH would be required to monitor its forecasted marginal costs on a monthly basis and compare those forecasts to the prices used to calculate the annual rate for Rate ADE and provide reports of the forecasts to the Commission on the 15th day of each month.

E. Mid-Term Adjustments to Rate

Pursuant to the Settlement, if PSNH's projected marginal costs for the remaining months of an annual period have increased by at least 75% of the amount of the adder, Rate ADE would be closed temporarily to all returning customers. If this situation exists at the time of the monthly filing made on or about May 15 of any year, PSNH would file a request for Commission authorization to increase Rate ADE effective July 1. In the event Rate ADE is temporarily closed, customers taking service under Rate ADE at the time of closure would be allowed to remain on the rate; but if a customer were to leave Rate ADE to take service from a competitive supplier, the customer would not be allowed to return to service under Rate ADE until the rate is re-opened. Any customers returning to PSNH during the closure of Rate ADE would be served under Rate DE. In the event Rate ADE is re-opened, those customers taking service under Rate DE who qualify to receive service under Rate ADE would be transferred to Rate ADE. PSNH agreed to work with Staff and the OCA to establish one or more methods to notify customers when Rate ADE is closed and provide a report to the Commission on that notification process.

The Settling Parties agreed that, if the projections of marginal costs for the remaining months of an annual period decrease by at least 75% of the amount of the adder, PSNH would

DE 11-216 - 9 -

file a request to decrease Rate ADE. The filing would be made at roughly the same time that PSNH files its request for a July 1 modification of Rate DE.

F. Term and Reporting

Pursuant to the Settlement, PSNH would file a report on or before the 25th of each month depicting the number of kWhs delivered under Rate ADE, and the difference between the revenue received and the marginal cost of serving the load under Rate ADE for the most recently completed month and for the annual period to date.

PSNH would also, on or before December 1 of each year, file a report for the purpose of assessing the value of Rate ADE to customers served under Rate DE. The annual report would contain data, by customer class, on the number of customers served under Rate ADE, the number of kWhs delivered and the annual impact of Rate ADE on costs recovered through Rate DE. The Settlement provides that, in the event the Commission approves implementation of Rate ADE on a date other than January 1, 2013, the Settling Parties would discuss whether to amend the date by which the annual report shall be filed and report back to the Commission. The Settling Parties also agreed to work cooperatively in the development of any recommended changes to the design of Rate ADE as needed to ensure that Rate DE customers benefit from the implementation of Rate ADE.

Finally, the Settlement provided that at least 3 months prior to the end of the pilot period, PSNH would file a request to extend, modify or terminate Rate ADE and describe the historical performance of Rate ADE and support for the requested relief.

DE 11-216 - 10 -

IV. POSITIONS OF THE PARTIES

A. Public Service Company of New Hampshire

PSNH opined that the Settlement presents a fair and reasonable means to implement a new rate and that the Settlement should be affirmed. PSNH said that the one issue not resolved by the Settlement is the length of the term that a customer would be served under Rate ADE. PSNH claimed that a 24-month term of service is an appropriate choice because it effectively provides benefits to customers remaining on Rate DE without having customers served under Rate ADE for an indefinite amount of time. According to PSNH, the 12-month term of service proposed by Staff is simply too short to fully recognize the full benefits of Rate ADE.

Regarding the arguments advanced by PNE that Rate ADE is inconsistent with the restructuring statute, RSA 374-F, and Electric Rate Reduction Financing, RSA 369-B, PSNH noted that the Commission previously denied a motion to dismiss based on the same arguments. *See*, Order No. 25,372 (June 8, 2012). Repeating an argument contained in its objection to the motion to dismiss, PSNH said that Rate ADE was proposed pursuant to multiple Commission orders produced over more than a year, none of which has been the subject of a motion for rehearing or appeal by opponents to Rate ADE. PSNH stated that the Commission consistently reaffirmed that PSNH should establish this rate and thus should not entertain arguments that the rate is unlawful on its face.

PSNH also averred that the adoption and implementation of Rate ADE is actually supported by the restructuring statute, RSA 374-F. PSNH stated that one of the principles of restructuring is to reduce costs to customers and, to the extent that customers avail themselves of Rate ADE, they will do so because they perceive it as beneficial to reducing their costs. RSA 374-F:1. PSNH said that Rate ADE is another choice for customers and that customers are not

DE 11-216 - 11 -

required to take or remain on the rate and may choose to take service from a competitive supplier. Because Rate ADE is another option for customers for the procurement of electric supply, PSNH argued that Rate ADE does not "unduly harm the development of competitive markets" consistent with RSA 374-F;3, V(e). PSNH claimed that if customers perceive the rate is beneficial and migrate to it, that migration may incent other suppliers to find a way of reducing costs to their customers.

Based on the foregoing arguments, PSNH requested that the Commission accept and approve the Settlement, set the term of service at 24 months, and permit PSNH to implement the rate as soon as possible.

B. Office of Consumer Advocate

The OCA stated that it signed the Settlement and opined that residential customers would be better off with the Settlement than without it. The OCA expressed support for the 24-month term of service because the longer term of service would make Rate ADE more attractive to customers and result in more benefits flowing to all other customers under Rate DE.

The OCA asserted that Rate ADE is a stopgap measure to address the current situation where residential customers are the last to migrate to competitive supply. According to the OCA, the policy arguments made during the proceeding assume full information, a sophisticated customer and market analysis and, while these assumptions may hold for large industrial customers, and possibly for small commercial customers, they are not true for residential customers. The OCA predicted that other actions will overtake Rate ADE and that a resolution will occur outside of this docket, but that Rate ADE will provide an additional option for residential customers during the transition.

DE 11-216 - 12 -

C. Commission Staff

Staff stated that it had participated in the development of the Settlement and believes it is a just and reasonable resolution and is in the public interest. Staff asserted that the Settlement is consistent with the Commission's authority to approve an alternate means of providing default service pursuant to RSA 374-F:3, V(e).

Staff said that it supported a 12-month term of service for the following reasons. First, a 12-month term of service is a better match both to the eligibility criteria, where a customer would have to be either served by a competitive supplier or on self-supply for at least 12 consecutive months, and the Settlement's provision for an annual review of the program. Second, a shorter 12-month term of service would mitigate potential concerns that the rate is somehow anti-competitive or will otherwise disrupt the competitive market. Third, assuming that the pilot continues for the full 36 months, at its end there still may be a number of customers who haven't gone through their entire term of service and, presumably, the administration of the rate would have to continue for those customers at some cost. A shorter term of service lessens the number of months customers would continue on Rate ADE beyond the pilot period, in the event the rate is not extended beyond the pilot period. Finally, a shorter term of service would provide more choices for customers. For example, Staff said, if it became more advantageous for customers to receive service under Rate DE than under Rate ADE, which presumably would be due to a change in market conditions, those customers would not be limited from exercising that option for an extended period of time.

Staff recommended that the Commission approve the Settlement and adopt Staff's recommendation to limit the term of service to 12 months.

DE 11-216 - 13 -

D. Power New England, LLC

PNE said that the proposed Rate ADE was not required by statute. PNE argued that the purpose of the rate was to lure customers back to PSNH, and not to offer a safety net as contemplated by the restructuring statute. PNE also suggested that a three-year pilot program might encourage long-term use of Rate ADE, which would be inconsistent with the restructuring principle that discourages the long-term use of default service.

PNE claimed that the adder was not correctly designed. PNE pointed out that RSA 125-O:18 states that the costs of the Scrubber must be recovered through the default service rate.

Because Rate ADE is a default service rate, PNE argued that the adder should recover all costs associated with the Scrubber, not only the non-operating costs.

PNE disagreed with PSNH's assertion that there are no other incremental costs associated with implementing Rate ADE. PNE claimed that PSNH would incur costs associated with the implementations of Rate ADE even if implementation was undertaken by current employees, and those costs should be added to the rate.

PNE further argued that PSNH's proposal to purchase additional power for Rate ADE customers from the market was inconsistent with RSA 369-B:3, IV, which PNE interpreted as requiring PSNH to provide all transition and default service from PSNH's owned generation.

Finally, PNE recognized that the restructuring statute authorized the Commission to approve alternative means of providing default service, so long as those means minimize customer risk, not unduly harm the competitive market, and mitigate price volatility. ⁵ But, according to PNE, the authorization did not constitute an "open-ended loophole."

.

⁵ See RSA 374-F:3, V(e).

DE 11-216 - 14 -

E. Retail Energy Supply Association

RESA asserted that PSNH's proposed Rate ADE is inconsistent with Commission Order No. 25,320 and restructuring principles. RESA claimed that in Order No. 25,320, the Commission held that Rate ADE should be cost-based, non-discriminatory and avoid an adverse effect on competition, but that PSNH failed to meet those requirements.

RESA argued that the proposed calculation of the rate is not cost-based because PSNH includes in Rate ADE an adder for the non-operating costs of the Scrubber, a cost that PSNH incurs whether it has Rate ADE customers or not. Further, PSNH failed to include in the rate the costs associated with (1) marketing Rate ADE, (2) necessary modifications to the billing system, and (3) customer tracking. Although PSNH said it would use its existing employees to perform functions associated with implementation of Rate ADE, RESA claimed that there are costs associated with allocating employees to provide the services associated with Rate ADE but not included in the calculation of Rate ADE, and that those incremental costs should be included in the calculation of the rate.

RESA also expressed concern about PSNH's proposed use of an average forecasted annual price because forecast prices distort price signals to customers. In addition, because PSNH said that the Company would make purchases for power on the spot market, the forecast will not be reliable. RESA also pointed out that the reconciliation process proposed by PSNH, whereby the Company would reconcile over- or under-recoveries through Rate DE, violates the cost causation principles and further distorts the price that customers on Rate ADE will pay. RESA opined that inaccurate price signals also distort customer behavior because, if customers don't receive an appropriate price signal, they can't make accurate energy conservation and energy efficiency choices.

DE 11-216 - 15 -

RESA argued that the proposed Rate ADE design is discriminatory because it will result in similarly situated customers paying different rates. According to RESA, the discriminatory effects are not mitigated by use of a pilot program.

RESA also claimed that the proposed Rate ADE design would have negative effects on competition. According to RESA, PSNH posited that the benefit of Rate ADE is to mitigate migration, and in effect to reverse migration from competitive supply to PSNH. RESA argued that reverse migration, by its very nature, has a negative effect on customer choice.

RESA argued that the proposed Rate ADE design is unnecessarily complex and difficult for customers to understand, contrary to the restructuring statute's requirement that customers received "clear price information." RSA 374-F:3, III. In addition, RESA pointed out that RSA 374-F:3, II states that "customers should be responsible for the consequences of their choices." RESA argued that allowing Rate DE customers to benefit from over-recoveries incurred by Rate ADE customers and to pay for under-recoveries incurred by Rate ADE customers violates the principle that customers should bear the consequences of their choices.

RESA concluded by asking that the Commission deny PSNH's request for approval of Rate ADE, deny approval of the Settlement and send PSNH back to the drawing board to develop an alternative rate that is not counter to the restructuring act principles and satisfies the requirements of Order No. 25,320.

V. COMMISSION ANALYSIS

First, we address NAPG's late-filed petition to intervene, understanding that RSA 541-A:32, II, allows the Commission to grant a motion to intervene at its discretion. That NAPG was seven months late in filing its petition to intervene is undisputed. In its petition, NAPG asserts that it shares the views of the competitive suppliers who participated in the docket and opposes

DE 11-216 - 16 -

the implementation of Rate ADE. Although NAPG as a competitive supplier stated a right, duty or substantial interest in this proceeding, those concerns by its own admission have been addressed by PNE and RESA. Further, to grant intervention at this very late date, after the close of the evidentiary record, would disrupt the orderly conduct of the proceeding, one of the criteria to be considered when a party files a petition to intervene after the statutory time limit. RSA 541-A:32, II. Based on the foregoing, we deny NAPG's petition to intervene.

Pursuant to N.H. Code Admin Rules Puc 203.20(b), the Commission shall approve disposition of a contested case by settlement "if it determines that the result is just and reasonable and serves the public interest." *See also* RSA 541-A:31, V(a). In determining the public interest, the Commission serves as an arbiter between the interests of customers and those of the regulated utilities. *See* RSA 363:17-a; *see also Public Service Co. of N.H.*, Order No. 24,919 (December 5, 2008) at 7-8.

Even when all parties join a settlement agreement, however, the Commission must independently determine that the result comports with applicable standards. We must review the issues and judge them according to standards that provide the public with assurance that a just and reasonable result has been reached. *Concord Electric Company*, 87 NH PUC 694, 708, Order No. 24,072 (2002).

In this instance, our task is to determine whether, pursuant to RSA 369-B:3, IV(b)(1)(A), RSA Chapter 374-F and RSA 378:7, Rate ADE as now proposed is reasonable and serves the public interest, whether the filing satisfies our direction in Order No. 25,256 (July 26, 2011) in Docket No. DE 10-160, *Public Service Co. of N.H. Investigation into Effects of Customer Migration*, requiring PSNH to develop an alternative rate in an attempt to mitigate the effects of

DE 11-216 - 17 -

large commercial and industrial migration on small commercial and residential customers; and whether the Settlement meets the requirements of Order No. 25,320 (January 26, 2012).

After review of the Settlement and the testimony of parties to this docket, we find that the Settlement is just and reasonable and in the public interest, as conditioned herein. It is also consistent with prior orders and the relevant statutes. RSA 369-B:3, IV(b)(1)(A) requires PSNH to set the price of default service to be its "actual, prudent, and reasonable costs of providing such power, as approved by the commission." PSNH proposes to calculate Rate ADE at its marginal cost of providing power to the customers who take service under the rate, plus an adder that reflects the non-operating costs of the Scrubber, the latter of which is now known. We find that the rates as now proposed by PSNH and as set forth in the Settlement addresses concerns reflected in our earlier orders in this proceeding. The calculation reflects PSNH's incremental or marginal cost of providing service to those customers taking Rate ADE, as required by RSA 369-B:3, IV(b)(1)(A), plus an adder that is designed to provide benefits to Rate DE customers. As customers take service under Rate ADE, the adder would provide a source of additional revenue that will flow through to the Rate DE reconciliation, thereby resulting in a reduction to Rate DE, all else being equal. Under those circumstances, we find that the rates are just and reasonable as required by RSA 378:7.

As noted by the parties, Rate ADE must also comport with the requirements of the electric utility restructuring statute, RSA 374-F, including the mandate that any alternative rate design minimize impacts to the competitive market. We agree with PSNH that Rate ADE is simply another alternative for customers. While we appreciate RESA's concern about Rate ADE potentially sending the wrong price signal as customers look for alternatives in the competitive market, we note that, as now proposed, the Rate ADE calculation results in a per kWh rate that is

DE 11-216 - 18 -

higher than the market cost of power, and presumably an informed customer would opt for the lowest cost energy supply. Further, by establishing Rate ADE as a pilot program pursuant to the Settlement and by closely monitoring the number of customers enrolled and other aspects of the program through annual reports and reviewing the benefits that are expected to be derived from the adder, the Commission will be able to determine if the rate is causing undue harm to the competitive market. RSA 374-F:3, V(e) also provides that any alternative means of providing default service must minimize customer risk and mitigate against price volatility. We find that the structure of Rate ADE meets both of those criteria. As Rate ADE would be calculated initially on an annual basis—subject to an adjustment after six months—customers would have the benefit of known pricing. In addition, if market prices decline after a customer begins taking service under Rate ADE, the customer would be free to return to the competitive market. If market prices increase after a customer begins service under Rate ADE, the customer has the benefit of the known pricing of Rate ADE.

Further, we agree with Staff's recommendation to limit to 12 months the period under which a customer could take service under Rate ADE. As Staff noted, the shorter term more appropriately aligns with the term of the pilot and annual review and its limited duration mitigates any potential harm to the competitive market that may arise.

The availability of competitive electric supply for residential ratepayers is a relatively new and growing market development. Until very recently, competitive suppliers were focused on the commercial and industrial sectors and showed little interest in residential customers. We are now entering a period of robust competition for the residential sector, and both the suppliers and customers are learning the complexities of that new market.

DE 11-216 - 19 -

As recent wholesale activity has shown, there can be substantial and unanticipated price volatility negatively impacting competitive electric power suppliers. If competitive suppliers are unable to meet their obligations, customers are automatically switched to the default energy service rate of their distribution utility so that there is no break in their power supply. When there is a difference between the competitive electric power supplier rate and the default energy service rate, however, customers put back to default service can experience rate impacts. An alternative energy service rate that is lower than the default energy service rate, available for a limited period of time, provides customers an option during the transition to the fully competitive electricity market envisioned in RSA 374-F:3. More specifically, RSA 374-F:3,V(e) states that "as competitive markets develop, the commission may approve alternative means of providing transition or default services which are designed to minimize customer risk, not unduly harm the development of competitive markets, and mitigate against price volatility without creating new deferred costs, if the commission determines such means to be in the public interest."

There may be some customers who through no action of their own find themselves returned to default service because their competitive supplier has defaulted. For this group of customers we believe it would be appropriate for PSNH to enroll them on the lower of standard Rate DE or the alternative Rate ADE, once enrollment of residential customers on Rate ADE can be implemented. Should the signatories to the Settlement accept this condition, we find that the creation of Rate ADE on a pilot basis to be in the public interest.

In closing, we acknowledge that the proposed Rate ADE, as compared with current market rates, may not prove to be an attractive alternative to customers who migrate from PSNH, especially given PSNH's testimony that, as customer migration increases and results in lower

-

⁶ PSNH stated it would require up to nine months to enable its computer systems to accommodate residential customers on Rate ADE. We urge PSNH to make the necessary changes as quickly as practicable, lessening the time frame for residential enrollment.

DE 11-216 - 20 -

Rate DE sales, so does the per kWh amount of the adder which uses Rate DE sales in the denominator of the calculation. Under the current circumstances, if the migration trend continues, Rate ADE would increase and, therefore, many customers who would be eligible to take service under Rate ADE may opt not to do so. In such an event, the benefits that are expected for other customers taking service under standard Rate DE would not materialize. Rate ADE also does not provide an immediate alternative for residential customers, as they would have to wait up to nine months to be able to take service under the rate. Nonetheless, given the current pressures on Rate DE that the Company is facing with customer migration, there is value in instituting Rate ADE on a pilot basis to attempt to provide a measure of benefit to Rate DE customers as well as providing potential relief to customers of competitive suppliers who default. Therefore, we will approve the Settlement as conditioned herein and closely monitor the pilot program.

Based upon the foregoing, it is hereby

ORDERED, the Partial Settlement Agreement entered into by Public Service Company of New Hampshire, the Office of Consumer Advocate and Staff is hereby APPROVED, as conditioned herein, upon notification no later than 30 days from the date of this order that the Settling Parties accept our condition regarding customers whose competitive supplier has defaulted; and it is

FURTHER ORDERED, that the Rate ADE pilot program shall commence 30 days after such notification by the Settling Parties; and it is

FURTHER ORDERED, that Public Service Company of New Hampshire shall file a compliance tariff within 20 days of such notification; and it is

DE 11-216 - 21 -

FURTHER ORDERED, that the term of service for Rate ADE shall be 12 months; and it is

FURTHER ORDERED, that the late-filed petition to intervene by North American Power & Gas is hereby DENIED.

By order of the Public Utilities Commission of New Hampshire this eighth day of April, 2013.

Anny L. Ignatius

Chairman

Robert R. Scott Commissioner

Attested by:

Debra A. Howland Executive Director

DE 11-216 - 22 -

Dissenting Opinion of Commissioner Harrington

The proposed ADE rate simply does not make good policy, regulatory, legal or business sense. The fact that PSNH has come up with an arguably rational basis for a new rate does not alone warrant a finding that the proposed rate is just and reasonable. The ADE rate appears to violate a number of statutory provisions as well as policy principles and thus should be rejected.

The proposed rate is designed primarily for the purpose of attracting customers away from competitive suppliers and back to PSNH to address the problem of customer migration and the consequent increased cost to existing PSNH default service customers. The real driving force behind the "need" for an ADE rate is an ever-increasing DE rate that is generally higher than rates offered by competitive suppliers⁷ and the resulting tendency for customers to seek and stay with competitive suppliers. At the same time, the ADE rate could encourage more customers to leave default service and sign up with a competitive supplier, as this would be the only way they could ever be eligible for the lower ADE rate. As long as the competitive rate is lower than the PSNH DE rate, customers will tend to stay with a competitive supplier – thereby making the situation of the DE ratepayers that much worse in terms of bearing a greater share of PSNH's costs.

In the event the competitive rate becomes higher than the ADE rate - and a customer is otherwise qualified, that customer would tend to opt to return to PSNH for the ADE rate. After 12 months on the ADE (the term limit approved by the majority opinion), the customer will have to make a choice again: to stay with PSNH at the DE rate or go back to a competitive supplier. Since the DE rate likely will always be higher than the competitive supplier's rate, the cost

_

⁷ If average wholesale electric prices increased dramatically and PSNH's DE rate remained stable, it could become more competitive but neither is likely to occur over the next few years. Berlin Bio-Mass which is scheduled to come on line later this year has a Purchased Power Agreement with PSNH that will be paid for through DE rates. This most likely will put additional upward pressure on these rates. Also, Docket No. 11-250 "Investigation of Scrubber Costs and Cost Recovery" could result in additional non market-based increases in PSNH's DE rates.

DE 11-216 - 23 -

conscious customer will tend to go back to a competitive supplier from the ADE discounted rate.

This will not only save them money but start the process for them again becoming eligible for ADE rates.

Effectively, what the ADE rate offers customers is the ability to obtain rates from PSNH that are lower than DE rates. By approving the proposed ADE rate, we will be creating a mechanism to enable customers to jump back and forth from the competitive rate to the ADE rate, whichever is lower. Overall, such a result does not help anyone but the customers who have chosen the competitive supplier or ADE options, although a small percentage of revenue will flow from the "adder" element of the proposed ADE rate to partially defray PSNH's costs and thereby slightly lower the costs charged to DE customers. The proposed ADE rate will establish a new, "intermediate" rate that could encourage even more gaming of the system than the current situation permits.

There are further concerns about the ADE rate that persuade me to dissent from the majority opinion in this case. Our statutes provide that the costs of administering default service should be borne by the customers of such service. RSA 374-F:3, V(c) ("The allocation of the costs of administering default service should be borne by the customers of default service in a manner approved by the commission."). Here, however, it appears that the costs of administering the alternative rate, or ADE, will not be borne by ADE customers at all, but will ultimately be charged to PSNH's distribution customers, some of whom will be neither ADE nor DE customers – thus in direct conflict with the statute.

By statute, PSNH is obligated to supply default service at actual, prudent and reasonable costs of providing such power, as approved by the commission. RSA 369-B:3, IV(b)(1)(A) ("The price of such default service shall be PSNH's actual, prudent, and reasonable costs of

DE 11-216 - 24 -

providing such power, as approved by the commission..."). In this case, PSNH proposes to offer two separate rates for the same default service: the regular rate for existing customers, and a discounted rate to former customers who come back to PSNH. The provision of two different rates for the same energy default service cannot reflect in both instances the "actual, prudent, and reasonable costs of providing such power", and therefore should not be deemed reasonable.

In a similar vein, the statute requires that restructuring of the electric industry be implemented in a manner that benefits all consumers equitably without shifting costs unfairly among customers. RSA 374-F:3, VI ("Restructuring of the electric utility industry should be implemented in a manner that benefits all consumers equitably and does not benefit one customer class to the detriment of another. Costs should not be shifted unfairly among customers").

Again, a rate structure that charges different rates for the same product to the same type of customer cannot be found to "benefit all consumers equitably". Any under collection of ADE rates that exceed the amount of the adder will be shifted to DE customers. Such an outcome strongly suggests an unfair shifting of costs among customers where DE customers can pay extra so that ADE customers can pay less under PSNH's discounted rate offer.

The Commission should not be in the business of favoring one energy supplier over others by authorizing discriminatory pricing as a substitute for prudent business planning and management, especially where the cost will be borne by ratepayers. As noted above, the initial justification for developing an ADE rate was to address the increasing number of DE customers leaving PSNH for the competitive market. A rule that provides special treatment to one supplier - in this case PSNH - and attempts to minimize that supplier's loss of energy service customers to other suppliers is in direct conflict with the statute and contrary to the principles of

DE 11-216 - 25 -

restructuring. RSA 374-F:3, VII ("Choice for retail customers cannot exist without a range of viable suppliers. *The rules that govern market activity should apply to all buyers and sellers in a fair and consistent manner in order to ensure a fully competitive market.*").

The development of customer migration away from PSNH in a market experiencing record low natural gas prices, where regular default service prices are based on PSNH's cost to generate at their existing facilities plus the cost to purchase power in the market or through purchase power agreements, should not have been a surprise element in PSNH's business planning efforts – and certainly not one that warrants the introduction of a discounted price to entice customers back from competitive suppliers.

To step in as regulators and authorize an inequitable administrative rate for the same service to similarly situated customers for the purpose of attracting customers away from market competitors is simply contrary to our statutory mandate. As the electric utility restructuring statute states, our goal is to promote a more efficient industry and productive economy – not to develop a multi-tiered administrative pricing scheme that favors certain customers and suppliers over others. RSA 374-F:1 (*The overall public policy goal of restructuring is to develop a more efficient industry structure and regulatory framework that results in a more productive economy* by reducing costs to consumers while maintaining safe and reliable electric service with minimum adverse impacts on the environment.).

The restructuring statute explicitly states that customers should expect to be responsible for the consequences of their choices in the competitive energy supplier market:

Allowing customers to choose among electricity suppliers will help ensure fully competitive and innovative markets. Customers should be able to choose among options such as levels of service reliability, real time pricing, and generation sources, including interconnected self generation. *Customers should expect to be responsible for the consequences of their choices.* RSA 374-F:3, II.

DE 11-216 - 26 -

Existing customers who remain with PSNH and pay a higher rate than that offered in the competitive market are responsible for the consequences of their choice. They should not, however, bear responsibility for those who choose a competitive supplier and then want to return to PSNH. There is nothing in the statute that suggests that customers who opt for a competitive supplier should benefit from a discounted price subsidized by existing customers who choose not to enter the competitive market. Even where a customer returns to PSNH due to a supplier default, that risk is borne by the customer as an element of free choice in a competitive market. And, as noted above, any potential under collection of the marginal costs on which the ADE is based that exceeds the adder is reconciled to the detriment of existing customers – that is, the consequences of choosing an ADE rate are borne not by the ADE customers themselves, but by the customers who choose not to participate in the competitive market.

The statute envisions alternative means of providing default services that are designed to minimize customer risk, not unduly harm the development of competitive markets, and mitigate against price volatility. RSA 374-F:3, V(e) ("...the commission may approve alternative means of providing transition or default services which are designed to minimize customer risk, not unduly harm the development of competitive markets, *and mitigate against price volatility* without creating new deferred costs, if the commission determines such means to be in the public interest...").

When short term market prices spike, as they did in January and February 2013, the proposed ADE rate could result in under collection from existing ADE customers, in the event those spikes exceed the marginal cost on which the ADE rate is based. At the same time, the DE rates will be reconciled to account for the same short term spikes in market prices, so that DE customers will pay for the actual costs of those spikes in "ordinary" DE rates, but will not be

DE 11-216 - 27 -

compensated for any under collection in ADE rates. As a result, the introduction of ADE, in effect, will not eliminate price volatility, even with a biannual ADE rate adjustment to reflect market price changes.

This most recent ADE proposal was developed by PSNH in response to the Commission's Order No. 25,320 (Jan. 26, 2012), which directed PSNH to address the following issues: (1) the failure of the initial Rate ADE design to reflect changes in market prices; (2) the potential for gaming inherent to the design; and (3) the lack of support for the calculation of the proposed Rate ADE "adder" at one cent per kilowatt-hour (kWh). The new method for determining the ADE rate proposed here complies with only one of the conditions outlined in the prior order: it reflects changes in market rates, albeit not fully. As discussed above, however, the revised ADE does not address the potential for gaming and does not provide a supportable basis for the calculation of the adder.

ADE rates are based on PSNH's forecast of the marginal cost to provide full requirements service to the New Hampshire load zone plus an adder that, under the latest proposal, will be set equal to the non-operating costs of the Scrubber. There is simply no justification for using the non-operating costs of the Scrubber to calculate the adder component of the ADE rate. As in the prior proposal, the identified basis is simply a random subset of costs that PSNH has chosen as a means to allocate some small portion of operating costs to ADE customers. The non-operating costs of the scrubber will not even be collected through the ADE Rate. Those costs, like the scrubber operating costs and the non-operating and operating costs of all other PSNH generating facilities will be collected through the DE rate. In the previous proposal from PSNH the amount of the adder was almost the same as the current proposal. That adder design was rejected by the Commission as without adequate justification. Simply finding

DE 11-216 - 28 -

a "basis" that has no connection to the actual rate, other than it just happens to provide the amount PSNH claims is needed for the adder, is still an inadequate justification.

Few, if any, customers would pick the ADE rate in lieu of competitive supplier rates, which appear to be much lower and are being advertised as guaranteed to hold even after a spike in wholesale prices such as occurred this winter. In effect, given PSNH's continued high costs of operation, the ADE rate would be used primarily by customers who had signed up for a lower rate from a competitive supplier that subsequently failed. Based on the majority opinion, customers in this category would be assigned the ADE rate provided they otherwise qualify for that rate. Once again we need to look at the clause in RSA 374-F:3, II that states that "[c]ustomers should expect to be responsible for the consequences of their choices." As in the case of a customer who decides to exit the competitive supply market when prices spike, there is no justification for assigning customers who choose to use a competitive supplier that subsequently fails a lower rate than those who choose to stay with normal default service rates.

Unlike competitive suppliers, PSNH is protected from increases in wholesale energy costs. When prices rise much higher than expected, as happened this winter, PSNH's prudent costs are reconciled such that they should not lose money as a result of the higher market prices. Competitive suppliers, on the other hand, can lose substantial amounts of money from higher than expected energy prices as they have no such mechanism to reconcile their costs. Thus, because PSNH is a public utility, it is protected from unexpected energy cost increases where competitive suppliers are not.

Establishing the ADE rate would provide PSNH protection from lower wholesale energy prices, as well. The proposed ADE rate theoretically would provide PSNH some protection from customer migration when market energy rates fall below the costs of producing electricity at

DE 11-216 - 29 -

PSNH's generating stations. There is no justification for the downside protection which can only stifle competition, other than it may help to stem customer migration away from PSNH and lessen the consequent impact on customers who choose to stay with DE rates.

For PSNH to offer a discounted rate to attract customers back from competitive suppliers is anti-competitive, and the fact that existing default service customers may subsidize those returning customers makes the proposed ADE unlawful, unjust and unreasonable. As the Retail Energy Supply Association pointed out in testimony, PSNH has other, viable options for reassessing and revising its business practices that would be lawful and reasonable and much more in line with the purpose of the restructuring statute. There is nothing in the proposed ADE that is logical, much less persuasive or reasonable, to support its approval. I see nothing in the proposal before us that warrants a decision that differs from the Commission's prior rejections of PSNH's alternative proposals. In fact, the conclusions provided in our earlier orders remain applicable here: as suggested above, the rate proposed here "increases the possibility that PSNH will under-recover costs in Rate ADE, resulting in higher costs for Rate DE customers than currently results from existing customer migration" and "there is enough uncertainty in the rate design to suggest that the one cent per kWh may not collect enough revenue to cover unexpected price spikes in the marginal cost of electricity that would be used to supply Rate ADE load." Order No. 25,320 at 16 – and even more to the point, "such [alternative] rates must be cost-based and non-discriminatory and should not have an adverse effect on competition..." Order No. 25,256 at 32 (July 26, 2011).

To approve the rate proposed here would be to violate our statutory authority:

Whenever the commission shall be of opinion, after a hearing had upon its own motion or upon complaint, that the rates, fares or charges demanded or collected, or proposed to be demanded or collected, by any public utility for service rendered or to be rendered are unjust or unreasonable, or that the regulations or

DE 11-216 - 30 -

practices of such public utility affecting such rates are unjust or unreasonable, or in any wise in violation of any provision of law, or that the maximum rates, fares or charges chargeable by any such public utility are insufficient, the commission shall determine the just and reasonable or lawful rates, fares and charges to be thereafter observed and in force as the maximum to be charged for the service to be performed, and shall fix the same by order to be served upon all public utilities by which such rates, fares and charges are thereafter to be observed. RSA 378:7.

Accordingly, if this Commission finds PSNH's proposal to be in any way in violation of any provision of law, the proposal must be rejected. As pointed out in testimony, the proposed ADE is a mere palliative that does not address the underlying issue, which is PSNH's failure to anticipate a changing energy market and adapt its business plan accordingly.

Based on the above I believe the ADE rate proposed by PSNH is in violation of state law and therefore is not in the best interest of New Hampshire or its electric customers and should again be rejected by the Commission. I therefore respectfully dissent from the majority decision.

Michael D. Harington Commissioner

STATE OF NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

PSNH Alternative Default Energy Service Rate DE 11-216

PNE MOTION FOR REHEARING OF ORDER NO. 25, 488

NOW COMES PNE Energy Supply, LLC ("PNE"), by and through its undersigned counsel, and respectfully submits this Motion for Rehearing of Order No. 25, 488 and in support hereof says as follows:

- 1. Pursuant to RSA 541:3, the Commission may grant rehearing or reconsideration when the motion states good reason for such relief. On appeal, a party seeking to set aside an order of the PUC has the burden of demonstrating that the order is contrary to law or, by a clear preponderance of the evidence, that the order is unjust or unreasonable. Good reason may be shown by identifying specific matters that were "either overlooked or mistakenly conceived in the original decision and thus invite[] a reconsideration upon the record upon which that decision rested."
- 2. The purpose of this Motion is to seek rehearing or reconsideration by the Commission on rulings in Order No. 25, 488 that are based upon erroneous statutory interpretations. The touchstone for statutory interpretation is the plain meaning of the statue considered as a whole:

In matters of statutory interpretation, we are the final arbiters of the legislature's intent as expressed in the words of the statute considered as a whole. We interpret statutes not in isolation, but in the context of the overall statutory scheme. Our analysis must start with consideration of the plain meaning of the relevant statutes, construing them, where reasonably possible, to effectuate their underlying policies. Insofar as reasonably possible, we will construe the various statutory provisions harmoniously.

In re Pennichuck Water Works, Inc., 160 N.H. 18, 992 A.2d 740 (N.H. 2010).

A. The Commission's Order ignores the plain meaning of RSA 374-F:2, I-a which mandates that Default Service be made available only to retail customers who are otherwise without an electricity supplier.

¹ In re Appeal of Pinetree Power, Inc. 152 N.H. 92 at 95 (2005) (citation omitted).

² Lambert Const. Co. v. State, 115 N.H. 516, 519 (1975) (citation omitted).

- 3. By law, "Default Service means electricity supply that is available to retail customers who are otherwise without an electricity supplier." Additionally, "[d]efault service should be designed to provide a safety net and to assure universal access and system integrity." ⁴
- 4. Rate ADE is a proposed default energy service rate that does not comply with the requirements of RSA 374-F. As noted above, default service is only "available to retail customers who are otherwise without an electricity supplier." In stark contrast, the very purpose of Rate ADE is to entice customers away from an existing competitive supply.
- 5. PSNH erroneously believes that Rate AD is for any customer who, for whatever reason, elects not to have a competitive supplier supply their energy. PSNH interprets RSA 374-F:2, I-a as if it reads that default service is available to any customer that does not choose an electricity supplier. This is inconsistent with the plain meaning of RSA 374-F:2, I-a as it was enacted by the Legislature.
- 6. Moreover, as noted above, the context for and purpose of default service is to provide a safety net and to assure universal access and system integrity. The design of Rate ADE, the only purpose of which is to lure customers back to PSNH, most assuredly has nothing to do with providing a safety net or assuring universal access as envisioned by RSA 374-F and is inconsistent with the words of the statute taken as a whole. A default service rate that is only available to customers who are "otherwise without an electricity supplier" is entirely consistent with the statutory mandate that the purpose of default service is to provide a safety net and to assure universal access and system integrity. The Maine Public Utilities Commission has reached a similar conclusion:

....for customers that have entered the competitive market, standard offer is intended to be a default service or safety net (not another supply option) in the event of inadvertent lapses in competitive supply or when the customer cannot obtain cannot obtain competitive supply.

WPS Energy Services, Order Denying Request for Opt-out Fee Waiver, Docket No. 2001-594 at 2-4 (Nov. 7, 2001).

³ RSA 374-F:2, I-a

⁴ RSA 374-F:3, V, (c)

⁵ PSNH Response to Q-PNE-FEL-001: "Upon approval of Rate ADE, the Availability section of Default Energy Service Rate DE will be modified so that Rate DE will no longer be available to customers who qualify for service under Rate ADE. Therefore, if a customer has not chosen a supplier and does not otherwise qualify for Rate DE, Rate ADE will be the only rate available to such customers."

A. The Commission's Order ignores the plain meaning of RSA 369-B:3, IV, (b)(1)(A) which requires that the price of default service shall be PSNH's actual, prudent, and reasonable costs of providing such power.

- 7. By law, "[t]he price of such default service shall be PSNH's actual, prudent, and reasonable costs of providing such power...."
- 8. PSNH's proposed calculation of Rate ADE admittedly does not include any costs for marketing or outreach programs, or costs for administration, promotional materials, marketing, sales and customer service.^{7 8} Therefore, PSNH cannot credibly claim that Rate ADE is based upon "actual costs." There is no margin built into Rate ADE to cover any of these costs which may well be substantial and actually exceed PSNH's "adder."

D. The Commission's Order ignores the plain meaning of RSA 125-O:18 which requires that all of the costs of the Scrubber must be recovered through default service.

9. RSA 125-O:18 requires that "the costs" of the Scrubber must be recovered through default service. Accordingly, all of the costs of the Scrubber are required to be recovered through Rate ADE, not just some of them. PSNH is proposing to recover only the non-operating costs of the Scrubber through Rate ADE.¹⁰

PSNH has conceded that it has not included operating costs because "cost allocations" would have to be made. However, cost allocations are an every-day staple of utility ratemaking and hardly constitute an excuse for not including operating costs in the calculation of Rate ADE.

⁷ PSNH Response to Q-PNE-FEL-22: "PSNH has not formulated any marketing or outreach programs...

⁶ RSA 369-B:3, IV, (b)(1)(A).

⁸ PSNH Response to Q-PNE-FEL-33: "Please see the response to OCA-02, Q-OCA-002 and PNE-FEL-02, Q-PNE-FEL-002."

⁹ RSA 125-O:18

PSNH Response to Q-PNE-FEL-55: "Rate ADE is comprised of PSNH's marginal cost and the non-operating costs of the scrubber which are the Company's actual, prudent and reasonable costs of providing such power.
 PSNH Response to Q-PNE-FEL-55: "Unlike non-operating costs, which are readily identifiable,

¹¹ PSNH Response to Q-PNE-FEL-55: "Unlike non-operating costs, which are readily identifiable, operating costs associated with the Scrubber cannot be easily determined. Cost allocations would have to be made for plant costs such as labor and administrative and general expenses. Rather than base the adder on allocated cost, PSNH proposes that the adder only include non-operating costs."

Because the calculation of Rate ADE does not include operating as well as non-operating costs of the Scrubber, it does not comply with the plain meaning of RSA 125-O:18 and it is therefore unlawful.

WHEREFORE, for all of the foregoing reasons, PNE Energy Supply, LLC respectfully requests the Commission to:

- A. Reconsider its Order in this proceeding; and
- B. Grant such other and further relief as may be just and equitable.

Respectfully submitted, PNE Energy Supply, LLC

By its Attorney

/s/ James T. Rodier

1465 Woodbury Ave., No. 303

Portsmouth, NH 03801-5918

603-559-9987

Dated: May 7, 2013

CERTIFICATION OF SERVICE

Pursuant to Rules Puc 203.02(2) and Puc 203.11, I have served copy of this Motion for Rehearing on each person identified on the Commission's service list for this docket.

/s/ James T. Rodier

THE STATE OF NEW HAMPSHIRE before the PUBLIC UTILITIES COMMISSION

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

Alternative Default Energy Service Rate Docket No. DE 11-216

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE'S OBJECTION TO PNE ENERGY SUPPLY, LLC'S MOTION FOR REHEARING OF ORDER NO. 25,488

Pursuant to New Hampshire Code of Administrative Rules Puc 203.07(f) and RSA chapter 541, Public Service Company of New Hampshire ("PSNH" or the "Company") hereby objects to the "PNE Motion for Rehearing of Order No. 25,488" (the "Motion") filed on May 7, 2013 in the above docket by PNE Energy Supply, LLC ("PNE") with the New Hampshire Public Utilities Commission ("Commission"). In support of its objection PSNH states as follows:

1. On April 8, 2013 the Commission issued Order No. 25,488 approving a settlement agreement between Commission Staff ("Staff"), the Office of Consumer Advocate ("OCA") and PSNH, regarding PSNH's proposal to implement an alternative default energy service rate, Rate ADE. That settlement agreement provided that PSNH would implement Rate ADE as a pilot program for a period of 36 months beginning upon implementation of the rate. Upon implementation, a customer who has received service from a competitive supplier for at least 12 consecutive months would return to default service with PSNH under Rate ADE, rather than standard default service under Rate DE. The price of Rate ADE would be based upon PSNH's marginal cost plus an "adder" equal to the non-operating costs of the scrubber in service at Merrimack Station. The price of Rate ADE could be greater or less than the price of Rate DE depending upon the prevailing market prices and would be set semi-annually following Commission approval

- of the price. In addition, if market prices rose by an amount defined in the settlement agreement, Rate ADE would close to new customers until the market changed or the Commission set a new price.
- On May 7, 2013, PNE filed the Motion contending that Order No. 25,488 ignores: (1) the plain meaning of RSA 374-F:2, I-a; (2) the plain meaning of RSA 369-B:3, IV (b)(1)(A); and (3) the plain meaning of RSA 125-O:18. The Motion raises no new arguments or evidence, reargues issues the Commission has already considered and rejected, and should be denied.
- 3. Pursuant to RSA 541:3, the Commission may grant rehearing or reconsideration when a party states good reason for such relief. *Public Service Company of New Hampshire*, Order No. 25,361 (May 11, 2012) at 4. Good reason may be shown by identifying new evidence that could not have been presented in the underlying proceeding or by identifying specific matters that were overlooked or mistakenly conceived by the deciding tribunal. *Id.* at 4-5. A successful motion for rehearing does not merely reassert prior arguments and request a different outcome. *Id.* at 5.
- 4. As to the first issue, PNE contends that:

PSNH erroneously believes that Rate AD [sic] is for any customer who, for whatever reason, elects not to have a competitive supplier supply their energy. PSNH interprets RSA 374-F:2, I-a as if it reads that default service is available to any customer that does not choose an electricity supplier. This is inconsistent with the plain meaning of RSA 374-F:2, I-a as it was enacted by the Legislature.

Motion at 2. This identical argument was raised in the underlying proceeding and, as such, the Motion only reasserts prior arguments – arguments which have been rejected by

the Commission. In the May 4, 2012 Motion to Dismiss¹ in this docket it was contended that "The express purpose behind Rate ADE, according to PSNH's cover letter, is to lure customers away from their existing supplier to a more attractive option, namely, default service. Accordingly, implementation of redesigned Rate ADE would be prohibited by the plain language of RSA 362-F:2, I-a." May 4, 2012 Motion to Dismiss at 2. The Commission denied this argument in Order No. 25,372, though it found that certain factual matters remained to be developed. When those factual matters were developed, the Commission approved Rate ADE as consistent with RSA Chapter 374-F. *See* Order No. 25,488 at 17-18. PNE is simply attempting to raise the same argument again.

- 5. Moreover, PNE's own witness refuted this argument during testimony in the docket.

 During the hearing Mr. Fromuth testified as follows:
 - Q. Well, could you turn please to RSA 374-F:2, Paragraph I-a, under "Definitions". There it defines "Default Service" to mean "electricity supply that is available to retail customers who are otherwise without an electricity supplier and are ineligible for transition service." Is there anything in there that asks why a customer is "otherwise without an electricity supplier"?
 - A. In other words, the circumstances of why they don't have one is not explored, is that what your point is?
 - Q. Yes. That's what I'm asking.
 - A. Right. That's what -- that doesn't address that, no.
 - Q. So, is it possible that a customer could be without a supplier for pretty much any reason?
 - A. Yes. There are all sorts of reasons.
 - Q. Could it be that the customer doesn't want a supplier?
 - A. It could very well be that, yes.

¹ The May 4, 2012 Motion to Dismiss was filed by Freedom Logistics, LLC d/b/a Freedom Energy Logistics ("Freedom"), rather than PNE. At the November 26, 2012 hearing on this case, however, August Fromuth, who is both the managing director of Freedom and CEO of PNE, testified that Freedom's and PNE's positions on the issues in this docket were the same. See November 26, 2012 Transcript (Nov. Tr.) in Docket DE 11-216 at 96-97. Accordingly, not only has this argument been raised previously in this docket, it has been raised, for all intents and purposes, by the same party. ² The May 4, 2012 Motion to Dismiss references RSA 362-F:2, I-a. However, the remainder of that section of the motion is devoted to a discussion of RSA 374-F:2, I-a. PSNH believes the proper reference should be to RSA 374-F:2, I-a.

Nov. Tr. at 105-06 (emphasis added). Thus, not only has the Commission rejected PNE's argument, PNE too has agreed that a customer could be without a supplier, and thus take default service, for essentially any reason – including that a customer chooses not to have a supplier. Accordingly, the foundation of PNE's argument – PSNH's alleged "erroneous" reading of RSA 374-F:2, I-a – has been spurned by PNE's own witness. The Commission should reject outright any attempt by PNE to reargue the issue, particularly in light of the fact that its witness has offered sworn testimony to the contrary.

- 6. Regarding the second issue, PNE contends that "PSNH's proposed calculation of Rate ADE admittedly does not include any costs for marketing or outreach programs, or costs for administration, promotional materials, marketing, sales and customer service.

 Therefore, PSNH cannot credibly claim that Rate ADE is based upon 'actual costs.'"

 Motion for Rehearing at 3. As with the above issue, this issue has already been raised and rejected. As with the argument under RSA chapter 374-F, this argument was raised in the May 4, 2012 motion to dismiss, *see* May 4, 2012 Motion to Dismiss at 3, and was rejected in Order No. 25,372. PNE raised the argument again during the hearing in this matter, and the Commission again rejected it in Order No. 25,488. *See* Order No. 25,488 at 13, 16-17. PNE raises no new evidence, nor does it point to any matters the Commission overlooked or mistakenly conceived, but only seeks a different result upon raising this argument a third time. Rehearing is not justified.
- 7. Finally, PNE contends that "Because the calculation of Rate ADE does not include operating as well as non-operating costs of the Scrubber, it does not comply with the plain meaning of RSA 125-O:18 and it is therefore unlawful." Motion for Rehearing at
- 4. As with the other arguments PNE raises, this too was argued to and rejected by the

Commission. In Mr. Fromuth's pre-filed testimony it states "Therefore, since the calculation of Rate ADE does not include operating as well as no-operating [sic] costs of the Scrubber, it does not comply with the mandate of RSA 125-O:18." August 27, 2012 Pre-Filed Testimony of August Fromuth at 4. The argument made in testimony is a nearly verbatim argument to the one made in the instant motion. Nonetheless, the Commission concluded that Rate ADE should be implemented. PNE points to no new information or evidence justifying rehearing, but only raises the same argument in search of a different result. Such arguments do not support a motion for rehearing.

WHEREFORE, PSNH respectfully requests that the Commission deny PNE's Motion for Rehearing of Order No. 25,488, and order such further relief as may be just and equitable.

Respectfully submitted,

Public Service Company of New Hampshire

Matthew J. Fossum

Counsel

780 North Commercial Street

Post Office Box 330

Manchester, New Hampshire 03105-0330

(603) 634-2961

Matthew.Fossum@nu.com

CERTIFICATE OF SERVICE

I hereby certify that, on the date written below, I caused the attached Objection to be served pursuant to N.H. Code Admin. Rule Puc 203.11.

Matthew J. Fossum

James T. Rodier, Esq.

Attorney-at-Law 1465 Woodbury Ave., No. 303 Portsmouth, NH 03801-5918

> 603-559-9987 <u>jrodier@mbtu-co2.com</u>

May 9, 2013

Debra A. Howland Executive Director and Secretary State of New Hampshire Public Utilities Commission 21 South Fruit Street, Suite 10 Concord, NH 03301-2429

PSNH Alternative Default Energy Service Rate DE 11-216

Dear Ms. Howland:

I am writing on behalf of PNE Energy Supply, LLC to briefly reply to PSNH's Objection to PNE's Motion for Rehearing.

PSNH's objections are easily refuted. PSNH contends that PNE's "Motion raises no new arguments or evidence, reargues issues the Commission has already considered and rejected, and should be denied." PNE's Motion for Rehearing contends that the Commission Order No. Order No. 25, 488 contains three errors of law involving statutory interpretation. The Commission has not explicitly ruled on PNE's contentions at any point during this lengthy proceeding.

PSNH also contends that PNE's legal argument regarding the plain meaning of 374-F:2, I-a is contradicted by PNE's testimony. This is not the case. PSNH's witness was responding to a generic question in the context of availability of Rate DE, not Rate ADE. PNE has not raised any issue with respect to the availability of Rate DE. Rather, PNE has contended that availability of Rate ADE would be unlawful because its very purpose is to lure customers back to PSNH, an unlawful abuse of default service, and has nothing to do with providing a safety net for customers as required by law.

Sincerely, **/s/** James T. Rodier

STATE OF NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

DE 11-216

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

Petition to Establish an Alternative Default Energy Service Rate

Order Denying Motion for Rehearing

ORDER NO.25,509

May 14, 2013

I. PROCEDURAL HISTORY

On May 7, 2013, PNE Energy Supply, LLC (PNE) filed a Motion for Rehearing of Order No. 25,488 (April 8, 2013) in the instant docket. Public Service Company of New Hampshire (PSNH) filed an Objection to the Motion on May 8, 2013. PNE filed a letter in response to PSNH's Objection on May 9, 2013.

PNE principally argues that Order No. 25,488 fails to conform to: (1) RSA 374-F:2, I-a, defining default service customers as those without an electricity provider; (2) RSA 369-B:3, IV (b)(I)(A) requiring default service rates to include PSNH's actual, prudent and reasonable costs of providing such power; and (3) RSA 215-O:18 requiring the costs of the PSNH Scrubber to be recovered through default service rates.

PSNH objected to PNE's motion arguing that PNE had made the same arguments in its earlier motion to dismiss and during the hearing in this matter.

¹ For the procedural history in this proceeding, see Order No. 25,320 (January 26, 2012) and Order No. 25,488 (April 8, 2013) in this docket. http://www.puc.nh.gov/Regulatory/Docketbk/2011/11-216.html on the Commission's website.

DE 11-216 - 2 -

II. COMMISSION ANALYSIS

Pursuant to RSA 541:3, the Commission may grant rehearing or reconsideration when a party states good reason for such relief and demonstrates that a decision is unlawful or unreasonable. *See Rural Telephone Companies*, Order No. 25,291 (November 21, 2011) at 9. Good reason may be shown by identifying specific matters that were "overlooked or mistakenly conceived" by the deciding tribunal, *Dumais v. State*, 118 N.H. 309, 311(1978), or by identifying new evidence that could not have been presented at the underlying proceeding. *O'Loughlin V. N.H. Personnel Comm'n*, 117 N.H. 999, 1004 (1977). A successful motion for rehearing does not merely reassert prior arguments and request a different outcome. *Connecticut Valley Electric Co.*, Order No. 24,189, 88 NH PUC 355, 356 (2003).

As noted in our prior Orders in this proceeding, PSNH made the filing to establish a Rate ADE at the Commission's direction. In Order No. 25,256, we specifically directed PSNH to design a Rate ADE that complies with the statutory requirements of RSA 374-F:3, V(c), RSA 369-B:3,IV(b)(1)(A), and the general policy principles of RSA 374-F. *See* Order No. 25,320 at 31-32. In Order No. 25,488, we found that the proposed Rate ADE was consistent "with prior orders and the relevant statutes." *Id.* at 17.

We have reviewed PNE's motion and PSNH's Objection. Although the Commission's rules do not provide for reply to objections, in this case we have also considered PNE's May 9, 2013 letter. We find that PNE in its motion fails to identify any new facts and merely restates arguments that it had previously made in this docket. Having already addressed these arguments and the record in this case in Order No. 25,488, we will deny PNE's motion for rehearing.

Based upon the foregoing, it is hereby

ORDERED, that the Motion by PNE Energy Supply, LLC for rehearing of Order No. 25.388 is hereby DENIED.

By order of the Public Utilities Commission of New Hampshire this fourteenth day of May, 2013.

Amy L. Ignatius Chairman

Robert R. Scott Commissioner

Attested by:

Debra A. Howland Executive Director