

STATE OF NEW HAMPSHIRE  
PUBLIC UTILITIES COMMISSION

DE 09-035, DE 11-150 & DE 14-238

In the Matter of:

2015 Public Service Company of New Hampshire Restructuring and Rate  
Stabilization Settlement Agreement

Direct Testimony

of

Thomas C. Frantz  
Director – Electric Division

July 17, 2015

1 **Q. Please state your name and business address.**

2 A. My name is Thomas C. Frantz. My business address is 21 S. Fruit Street,  
3 Concord, New Hampshire.

4 **Q. Please state your position.**

5 A. I am employed as the Director of the Electric Division for the New Hampshire Public  
6 Utilities Commission (“Commission”).

7 **Q. Please describe your professional experience and educational background.**

8 A. I started work at the Commission in February of 1989 as a staff Economist. My  
9 work focused primarily on fuel price forecasting and the analysis of economic  
10 forecasts filed before the Commission. In January, 1990, I became a Utility  
11 Analyst III. My responsibilities were concentrated on electric utility issues  
12 including analyzing and advising the Commission on rate design, special contract  
13 pricing, and fuel and purchased power adjustment clause filings.

14 In January 1996, I was promoted to the position of Chief Economist. As Chief  
15 Economist my responsibilities included administering the Department's research  
16 and analysis of economic and utility matters, as well as providing the Commission  
17 with expert testimony and advice on economic, utility, and public policy issues. In  
18 late 2001, the Commission reorganized from one of professional disciplines to  
19 one that was organized by industry. As part of that reorganization, I became the  
20 Director of the Electric Division. As Director of the Electric Division, I  
21 administer and supervise a professional staff that provides analysis, research and  
22 testimony on electric utility matters affecting New Hampshire. I also advise the  
23 Commission on regulatory policy, provide testimony and analysis to the New  
24 Hampshire Legislature and Commission, and communicate Commission policies  
25 to the public and press.

26 I received a Bachelor of Science degree from the Pennsylvania State University in  
27 Environmental Resource Management. I completed all course work and research

28 for my Master of Science degree in Resource Economics from the University of  
29 New Hampshire. My graduate research involved modeling the structure of the  
30 New Hampshire economy using an input-output analysis. I have taught university  
31 level courses in microeconomics, macroeconomics, and managerial economics.

32 I have attended the two-week course in utility regulation sponsored by the National  
33 Association of Regulatory Utility Commissions. I have also participated as a discussant  
34 and/or panel chair for many years at either the Annual Eastern or Western conferences of  
35 the Center for Research in Regulated Industries which, for almost 40 years, has provided  
36 scholarly research on regulated industries.

37 **Q. Have you previously testified before the Commission?**

38 **A.** Yes, I have testified on cost-of-capital, rate design, special contracts, qualifying facilities,  
39 fuel and purchased power adjustment clauses, and incentive regulation. Recently, I  
40 adopted the pre-filed testimony of Steve Mullen in DE 11-250, the “scrubber”  
41 proceeding, and testified before the Commission in that proceeding.

42 **Q. What is the purpose of your testimony?**

43 **A.** My testimony supports the “2015 Public Service Company of New Hampshire  
44 Restructuring and Rate Stabilization Agreement” (Settlement Agreement) filed with the  
45 Commission on June 10, 2015. Specifically, my testimony gives a historical context to  
46 the Settlement Agreement, the involvement of myself and Anne Ross, the Commission’s  
47 General Counsel, in the negotiations of the Settlement Agreement, an overview of the  
48 key aspects of the Settlement Agreement, and the reasons we, designated Staff, support  
49 the Settlement Agreement. My testimony also will describe the results of the economic  
50 analysis of the Settlement Agreement done by Regional Economic Models, Inc. (REMI)  
51 which I have attached to my testimony as Attachment TCF-1.

52 **Q. Before you continue, could you describe what you mean when you refer to yourself  
53 and Ms. Ross as “Designated Staff?”**

54 **A.** Yes, I am referring to our role at the Commission once we became members of the State  
55 negotiating team in early 2015. At that point, Ms. Ross notified the Commission of our

56 involvement in the settlement negotiation process and the Commission determined,  
57 pursuant to NH RSA 363:32, that we would no longer be available to advise the  
58 Commission on matters related to the scrubber proceeding, DE 11-250, or matters  
59 pertaining to the PSNH generation asset proceeding, DE 14-238.

60 **Q. Would you provide some historical context to the Settlement Agreement and**  
61 **restructuring in New Hampshire?**

62 A. Yes, I will. Currently, Public Service Company of New Hampshire (PSNH) is the only  
63 regulated public utility in New Hampshire (New England, for that matter) that still owns  
64 generation assets; assets which it uses to supply default service to its customers that have  
65 not chosen to take their electricity supply from a registered competitive electricity power  
66 supplier (CEPS). The approval of the Settlement Agreement and divestiture of PSNH's  
67 generating assets will complete the policy objectives of electric restructuring that started  
68 almost 20 years ago with passage of RSA 374-F. In passing RSA 374-F, the General  
69 Court stated that "The most compelling reason to restructure the New Hampshire electric  
70 utility industry is to reduce costs for all consumers of electricity by harnessing the power  
71 of competitive markets." It also stated that, "Increased customer choice and the  
72 development of competitive markets for wholesale and retail electricity services are key  
73 elements in a restructured industry ..." The General Court directed the Commission to  
74 develop a statewide industry restructuring plan based on the interdependent policy  
75 principles of RSA 374-F:3 and to implement the restructuring plan by January 1, 1998 or  
76 at the latest, July 1, 1998. The Commission issued its plan, known as "Restructuring New  
77 Hampshire's Electric Utility Industry: Final Plan" on February 28, 1997.

78 The plan, in accordance with RSA 374-F:3, required New Hampshire's vertically  
79 integrated electric utilities to unbundle their rates and services and to require generation  
80 services to be, "subject to market competition and minimal economic regulation and at  
81 least functionally separated from transmission and distribution services which should  
82 remain regulated for the foreseeable future." The Commission's plan addressed the  
83 divestiture of a utility's generating assets as well as any contractual obligations to  
84 purchase power under power purchase agreements (PPAs) and provided a framework to

85 address “stranded costs” which the Commission defined as the net “sunk generation cost  
86 (including generation-related regulatory assets) that ordinarily would not be recovered if  
87 retail customers were allowed access to alternative generation resources.” Final Plan at  
88 47. Divestiture of generation assets and PPAs was a requirement of the plan and served  
89 as a way to mitigate stranded costs; however, the Commission’s plan resulted in  
90 contentious and protracted litigation with New Hampshire’s electric utilities and,  
91 ultimately, electric restructuring in New Hampshire on a case-by-case basis. For PSNH, a  
92 comprehensive settlement agreement was reached between the State and PSNH.

93 The Agreement to Settle PSNH Restructuring was originally filed August 2, 1999 and  
94 later revised and re-dated June 23, 2000, in conformance with Commission Order No.  
95 23,443 (April 19, 2000). The Commission approved the Revised and Conformed  
96 Agreement in Order No. 23,549 (Sept. 8, 2000). The Revised and Conformed Agreement  
97 included a detailed section on how PSNH was to divest its generating assets and power  
98 purchase agreements. A significant aspect of the Revised and Conformed Agreement  
99 included the use of securitization through the issuance of rate reduction bonds to reduce  
100 the rate impact associated with stranded cost recovery. The Legislature approved the use  
101 of securitization and the issuance of rate reduction bonds by passing RSA 369-B,  
102 effective June 19, 2000. In RSA 369-B:1, the General Court again made the finding that  
103 “[T]he divestiture of electric generation by New Hampshire electric utilities will facilitate  
104 the competitive market in generation service.”

105 **Q. What happened next?**

106 A. Subsequent to the Commission’s approval of the Revised and Conformed Agreement,  
107 PSNH and the parties to that Agreement initiated divestiture processes for PSNH’s  
108 generation ownership. PSNH’s ownership interests in nuclear generating stations were  
109 divested. PSNH began the preparations for divesting its other generating assets – but that  
110 process was ultimately put on hold.

111 **Q. Why?**

112 A. Due to concerns primarily over high wholesale market prices and the California energy  
113 crisis, the General Court passed HB 489 in April 2001, legislation that stated, among

114 other things, that the sale of PSNH's fossil and hydro assets could not take place prior to  
115 "33 months after competition day" which meant it couldn't take place prior to February  
116 2004. In April 2003, the Legislature enacted RSA 369-B:3-a, which stated that  
117 divestiture of PSNH's fossil and hydro assets "shall not take place before April 30,  
118 2006." The Commission could direct PSNH to divest its fossil and hydro assets after that  
119 date only if it found that such divestiture was "in the public interest of retail customers of  
120 PSNH to do so, and provides for cost recovery of such divestiture." Ultimately, PSNH  
121 ended up divesting only its interest in the Seabrook Nuclear Generating Station, a process  
122 administered by the Commission with the resulting proceeds used to reduce stranded  
123 costs, as well as its interest in the Vermont Yankee and Millstone 3 nuclear stations.

124 **Q. After over a decade of providing transition and default service to its customers,**  
125 **what changed that resulted in the Company's interest in seeking a settlement related**  
126 **to its continued ownership in generating assets?**

127 **A.** The pre-filed testimony of Mr. Quinlan, President and Chief Operating Officer of PSNH  
128 explains the underlying statutes and Commission proceedings that led him to discuss the  
129 possibility of a "negotiation in lieu of litigation" with Senator Bradley back in late  
130 December 2014.

131 My opinion is that many factors make this the right time to complete restructuring. The  
132 pressure on PSNH's energy service rate from low natural gas prices and significant  
133 migration of load to CEPS, as well as the constant risk of increased environmental  
134 compliance costs, make continued ownership of PSNH's generating assets challenging.  
135 Those and other factors are discussed in Staff's two studies in IR 13-020, the first with  
136 The Liberty Consulting Group, issued June 7, 2013, and the second with La Capra  
137 Associates, Inc. and ESS Group, Inc., issued April 1, 2014. Since those reports were  
138 released, some changes have occurred in the financial and energy markets, but they don't  
139 materially change the overall conclusions of those two reports; specifically, that "there  
140 will continue to be a disparity between PSNH's default service rates and market prices  
141 going forward." (Staff/La Capra Report at p. 10) In fact, the current low interest rate  
142 environment and recent high prices in the Forward Capacity Market auctions reflect the

143 importance of thoroughly, but expeditiously, conducting this proceeding in order to  
144 maximize value of the assets and minimize stranded costs.

145 The Legislature's passage of HB 1602 in 2014 granted the Commission authority to  
146 "order PSNH to divest all or some of its generation assets if the commission finds that it  
147 is in the economic interest of retail customers of PSNH to do so, and provides for the cost  
148 recovery of such divestiture." Based on HB 1602, the Commission opened DE 14-238,  
149 Determination Regarding PSNH's Generation Assets, to examine divestiture in the  
150 context of maximizing economic value for PSNH's retail customers while minimizing  
151 risk to those customers, reducing stranded costs, settling issues associated with stranded  
152 costs, and providing for the continued operation of the generating units, if the  
153 Commission finds it appropriate to do so.

154 All these factors provided the regulatory backdrop for the Settlement Agreement. The  
155 timing and issues surrounding the lengthy and highly litigated scrubber cost recovery  
156 proceeding, DE 11-250, provided the impetus to resolve all these generation-related  
157 issues now and in a comprehensive manner.

158 **Q. Why do you believe the uncertainty associated with the outcome of the Scrubber**  
159 **proceeding was important to the timing of the settlement process?**

160 A. Settlements occur when parties face risk. If PSNH had not requested and the Commission  
161 had not granted the Motion for Stay in DE 11-250, a Commission order in that  
162 proceeding would have changed the perceived balance of risk to the parties involved in  
163 that proceeding. Protracted litigation would have ensued no matter what level of cost  
164 recovery the Commission had ordered. A comprehensive settlement would have been far  
165 more difficult under those circumstances.

166 **Q. Is it Designated Staff's opinion that the Settlement Agreement meets the purposes of**  
167 **HB 1602 and adequately resolves the Commission's prudence review of the**  
168 **scrubber?**

169 A. Yes, though the Commission's order in the scrubber docket was stayed, the Settlement  
170 Agreement resolves all the criteria set out in HB 1602 and, in my opinion, adequately  
171 addresses the prudence issues in the scrubber proceeding.

172 **Q. Why do you believe it adequately resolves the prudence issues of the scrubber**  
173 **proceeding?**

174 A. The Commission had a record that included well over one hundred exhibits and it heard  
175 testimony from witnesses representing a diverse number of stakeholders. A majority of  
176 those same parties who were active participants in that proceeding, are signatories to the  
177 Settlement Agreement. In my opinion, those parties have not supported the settlement  
178 because any one aspect of the Settlement Agreement reflects all their views, or because  
179 PSNH is foregoing recovery of \$25 million. After all, many of those same parties that are  
180 signatories to the Settlement Agreement were active litigants in the scrubber cost-  
181 recovery proceeding and sought significant disallowances in DE 11-250. No, I believe  
182 their support recognizes the important trade-offs of a settlement and that this Settlement  
183 Agreement, specifically, adequately balances all those interests including resolving the  
184 issues associated with the scrubber cost recovery proceeding. It is also worth pointing out  
185 that once divestiture takes place, PSNH will forego its equity return on its generating  
186 assets.

187 **Q. Does that reflect Designated Staff's view?**

188 A. Yes, it does. If approved, this Settlement Agreement will allow the Company, numerous  
189 stakeholders, and the Commission to focus on the future and the many challenges that lie  
190 ahead and not to continually examine past actions associated with these well maintained,  
191 but old generating assets. This Settlement Agreement and SB 221 (2015 N.H. Laws Ch.  
192 221) allow us that opportunity.

193

194 **Q. What do you believe are the key aspects of the Settlement Agreement?**



195 A. First and perhaps foremost, in my opinion, it completes what New Hampshire started and  
196 remains committed to - electric restructuring. Approval of the Settlement Agreement and  
197 a successful auction process will move the State's largest electric utility into a regulatory  
198 model similar to that of the other New Hampshire electric utilities; a "wires" only utility.  
199 It will end the "hybrid" model of the last 15 years which will reduce the risk of "future  
200 scrubber cases" and place the risk of generation in the market, where it more  
201 appropriately belongs. Moving generation risk to the competitive market was one of the  
202 important reasons for restructuring the industry. The Settlement Agreement also provides  
203 customer savings over the near-term and long-term as described in detail in Mr. Chung's  
204 pre-filed testimony and in the testimony of Senators Bradley and Feltes, reflects an  
205 appropriate balance among the rate classes in the amount of stranded costs each class will  
206 be responsible to pay, postpones a distribution rate case for two years while maintaining  
207 the benefits of the Reliability Enhancement program and the major storm cost recovery  
208 fund, provides employee and municipal protections during the transition, and requires  
209 PSNH to forego recovery of \$25 million related to the Scrubber, as well as the  
210 Company's commitment to provide \$5 million towards a Clean Energy Fund upon  
211 closing of the Rate Reduction Bonds.

212 **Q. Earlier in your pre-filed testimony, you mentioned why this is a good time to divest**  
213 **the assets, but haven't PSNH's generating assets provided value during the past two**  
214 **winter periods and won't that be lost once the units are divested?**

215 A. The generating fleet of PSNH has provided significant benefits to Energy Service  
216 customers these past two winters. Their generating facilities, described in detail in the  
217 pre-filed testimony of Mr. Smagula, have provided a physical hedge against high winter  
218 electricity prices driven by cold temperatures and natural gas constraints these past two  
219 winters. It is a hedge not without risk and it is one that is paid for by Energy Service  
220 customers, many of whom migrate away from or back to PSNH's Energy Service rate  
221 based on market conditions. As was pointed out in the Staff/Liberty Report and again in  
222 the Staff/La Capra Report, it is questionable whether this hybrid model of retail  
223 competition with PSNH's vertical integration is sustainable going forward.

224 In effect, it is a costly hedge and one that can be provided by the market. It is also  
225 important to note that PSNH's Energy Service rate during these past winter periods did  
226 not reflect the full cost of the scrubber. If it had, the benefit of PSNH's default service  
227 rate compared to other default service rates during the past two winter periods would  
228 have been significantly reduced. For those customers who remain on Energy Service  
229 throughout the year, they are paying significantly more during the off-peak seasons for  
230 the benefit of paying less during the winter period, a value that could disappear when the  
231 constraint on natural gas into New England in the winter is resolved.

232 **Q. The Settlement Agreement does not include divestiture of the Lempster and Burgess**  
233 **Biomass Power Purchase Agreements. Please explain why they aren't proposed to**  
234 **be divested and how those contracts are treated as part of the Settlement**  
235 **Agreement.**

236 A. Divestiture of the two contracts could have been difficult and likely would have added  
237 complexity and delay to this proceeding. Though the costs of both PPAs are currently  
238 recovered through PSNH's Energy Service rate, the State Team and PSNH thought it  
239 would be best to treat both PPAs post-divestiture in the same manner existing Qualifying  
240 Facilities (QFs) that sell their power to PSNH under PURPA are treated. The over-market  
241 or under-market costs will become part of the annual stranded cost reconciliation process.  
242 Under the Settlement Agreement, they will become "Part 2" stranded costs, part of the  
243 non-securitized stranded costs. Senate Bill 221 specifically allows the Commission to  
244 approve recovery of the net over-market costs associated with purchased power  
245 agreements that were approved by the Commission pursuant to RSA 369-F:9 through a  
246 stranded cost charge so long as they are part of a comprehensive restructuring of PSNH's  
247 generation assets.

248

249 **Q. Why do you support the inclusion in stranded costs of the over-market or under-**  
250 **market costs of the Lempster and Burgess Biomass PPAs?**

251 A. Doing so would result in all of New Hampshire's regulated electric utilities default  
252 energy service pricing be determined on a similar basis from the competitive  
253 marketplace. In addition, it is a treatment that the Commission has approved, previously.  
254 Specifically, it was how the costs associated with the QFs were recovered in PSNH's  
255 1999 Agreement to Settle PSNH Restructuring (pp. 20-21). The Commission faced this  
256 public policy issue more recently in DE 11-184, Joint Petition for Approval of Power  
257 Purchase and Sale Agreements and Settlement Agreement. It was a petition to approve a  
258 number of contracts with small wood-fired power producers, contracts which I had  
259 negotiated with the wood-fired small power producers and PSNH. The Commission  
260 approved the contracts (*see* Order No. 25,305, December 20, 2011), but decided to  
261 allocate the above-market costs associated with those PPAs to all retail distribution  
262 customers of PSNH and not solely to those customers taking Energy Service from the  
263 Company. The same sound policy rationale applies here for Lempster and Burgess  
264 Biomass. The PPAs were approved because they provided public benefits to the State,  
265 including economic and environmental benefits. It is appropriate, therefore, that the  
266 above-market costs associated with these two PPAs, post-divestiture, be recovered from  
267 all customers of the Company.

268 **Q. What are the expected stranded costs associated with the Lempster and Burgess**  
269 **Biomass PPAs?**

270 A. A detailed estimate of the annual rate impact is contained in Mr. Chung's pre-filed  
271 testimony. It is based on the estimate from the Staff/La Capra Report in which La Capra  
272 estimated that the over-market net present value of the Burgess Biomass PPA is \$125  
273 million and the net market value of the Lempster PPA is a positive \$5 million. Mr. Chung  
274 estimated the overall impact to stranded costs in the first year following divestiture to be  
275 approximately 0.20 cents per kWh. I believe that is a reasonable estimate, though it could  
276 vary as market conditions for capacity, energy and Renewable Energy Credits change  
277 over time. It is also dependent on how well the plants run during the remaining term of  
278 their contracts. It is worth noting that La Capra's valuation had a large range associated  
279 with these two PPAs. The Mark-to-Market results for Burgess Biomass ranged from

280 negative \$25 million to negative \$189 million and Lempster's value ranged from negative  
281 \$2.8 million to a positive \$7.8 million. La Capra estimated the net present value to be  
282 negative \$120 million, over the remaining life of the contracts.

283 **Q. Can you explain why it was necessary to create a rate design for stranded costs in**  
284 **the Settlement Agreement that allocated smaller percentages to large industrial and**  
285 **commercial customers than to the residential and small commercial customers?**

286 A. Historically, stranded costs were allocated on an equi-proportional basis across the  
287 various rate classes, but that was pre-restructuring and before retail choice. Because such  
288 small percentages of the largest customers, those on Rate LG and Rate GV, are currently  
289 on PSNH default service, very few of the largest customers are paying any costs of the  
290 Scrubber or other PSNH generation-related costs. During the past few years, less than  
291 20% of the Rate LG customers and only about 25% of Rate GV customers,  
292 approximately, were on PSNH's default service rate. As a result, for most large  
293 commercial and industrial customers, divestiture and the creation of stranded costs  
294 assessed against all distribution customers would result in added costs. In order to get  
295 these two customer group's support for the settlement, their proportion of the overall  
296 stranded cost burden had to be reduced. Further, because these two customer groups  
297 provide significant benefits to the economy through employment opportunities as well as  
298 the production of goods and services, the settling parties reached an agreement to  
299 minimize to the extent possible the future stranded costs imposed on these ratepayers. At  
300 the same time, the Settlement Agreement balances the increased burden on small  
301 residential customers with the increased rate savings they will experience following  
302 divestiture.

303 The rate design proposal contained in the Settlement Agreement was discussed at several  
304 Legislative hearings concerning SB 221, and was the basis for that law's provision  
305 stating, "the commission may incorporate rate designs that fairly allocate the costs of  
306 divestiture of PSNH's generation plants among customer classes." Hence, I believe that  
307 the Legislature looked at the rate design proposal contained in the Settlement Agreement  
308 favorably.

309 It is worth noting though that one possible outcome of DE 14-238 could have been a  
310 divestiture that reflected an equi-proportional stranded cost allocation among all the rate  
311 classes. That rate design is, in fact, used in the REMI status quo model that will be  
312 discussed below. The Settlement Agreement and our proposed rate design is better in that  
313 regard for the largest commercial and industrial customers.

314 **Q. Can you provide an overview of the economic analysis done by Regional Economic**  
315 **Models, Inc. (REMI) and why you are providing it as an attachment to your**  
316 **testimony?**

317 A. During discussions between the State Team and members of the Legislature, the concern  
318 arose for the need of a thorough economic analysis that would take the savings and rate  
319 design of the Settlement Agreement and model those rate effects on the New Hampshire  
320 economy. That concern became a part of SB 221. SB 221 states that the Commission, as  
321 part of its review of the Settlement Agreement “...shall take into account the impact on  
322 all PSNH customer classes, and shall consider the impacts on the economy in PSNH’s  
323 service territory, the ability to attract and retain employment across industries, and  
324 whether the proposed rate design fairly allocates the costs of divestiture of PSNH’s  
325 generation plants among the customer classes.”

326 Although there could be some debate over what that language means in terms of an  
327 economic analysis as it relates to the Commission’s consideration, the State Team  
328 decided that the REMI model, a widely-used and highly-regarded economic model,  
329 especially for measuring regional economic effects related to changes in income, output  
330 and employment, would provide useful information for the Commission’s consideration  
331 in regard to SB 221 and the Settlement Agreement. Importantly, analysis under the model  
332 could be made available in a timely manner.

333 REMI incorporated energy cost savings estimates by customer class provided by PSNH  
334 into their economic model. The four classes of customers are: residential, commercial,  
335 industrial and street lighting. The effects on those four customer classes were modeled  
336 over two time frames, a short-term period, 2015-2021, and a long-term time period,

337 2015-2031, using four scenarios, the Settlement Agreement and two variations of the  
338 Settlement Agreement, and a fourth scenario which assumes divestiture on January 1,  
339 2020, after years of litigation associated with the scrubber and the divestiture proceeding.  
340 The Settlement Agreement scenario uses the La Capra reconciled value of \$225 million  
341 as the value of the assets. The high case run (Settlement-High Case) uses \$450 million  
342 and the low case scenario (Settlement-Low Case) uses \$150 million for the value of  
343 PSNH's generating assets. For each of these four scenarios, PSNH provided REMI an  
344 estimate of energy cost savings by class, with the key modeling assumptions used to  
345 differentiate the scenarios shown in Appendix III to the REMI report (p. 28). Table 3 on  
346 page 12 shows various economic results from implementing the Settlement Agreement.

347 Tables 1 and 2 on page 5 of the REMI report provide an overview of the total economic  
348 impact of the four scenarios for the long-term period, 2015-2031, and the short-term  
349 period, 2015-2021, respectively. As can be seen from both tables, the Settlement  
350 Agreement, under all three scenarios, provides greater economic value than the PUC-  
351 Ordered Divestiture scenario. All are compared to the status quo baseline, which is  
352 today's regulatory environment without a settlement and with litigation. The status quo  
353 continues PSNH's ownership and operation of its generation assets with the full cost  
354 recovery of the scrubber included in Energy Service rates. It also assumes there is no \$25  
355 million of foregone scrubber costs by PSNH as contained in the Settlement Agreement,  
356 migration continues and rates increase.

357 The PUC-Ordered Divestiture scenario uses securitization, but spreads stranded costs  
358 equally among the customer classes and, as I stated above, divestiture doesn't occur until  
359 2020. The short-term and long-term results of the PUC-Ordered Divestiture scenario are  
360 shown in Table 6: Simulation Results- Difference from Baseline-PUC-Ordered  
361 Divestiture on page 18 of the REMI report.

362

363 **Q. Do you believe the REMI report provides the Commission with the economic impact**  
364 **analysis necessary for its consideration as stated in SB 221?**

365 A. Yes, I believe it does. Moreover, I believe it demonstrates the economic benefits of the  
366 Settlement Agreement as compared to the status quo or a divestiture ordered by the  
367 Commission after adjudication of DE 14-238.

368 **Q. Does that conclude your testimony?**

369 A. Yes, it does.