1	STATE OF NEW HAMPSHIRE
2	PUBLIC UTILITIES COMMISSION
3	
4	June 12, 2012 - 10:14 a.m.
5	Concord, New Hampshire NHPUC JUN18'12 AM 8:33
6	DE. DC 10 100
7	RE: DG 12-128 ENERGYNORTH NATURAL GAS, INC.,
8	d/b/a NATIONAL GRID NH: Cast Iron/Bare Steel Replacement
9	Program Results.
10	PRESENT: Chairman Amy L. Ignatius, Presiding
11	Commissioner Michael D. Harrington
12	Sandy Deno, Clerk
13	
14	APPEARANCES: Reptg. EnergyNorth Natural Gas, Inc.,
15	d/b/a National Grid NH: Patrick H. Taylor, Esq. (McLane, Graf)
16	Reptg. PUC Staff:
17	Alexander F. Speidel, Esq. Randall Knepper, Director/Safety Division
18	Stephen Frink, Asst. Dir./Gas & Water Div.
19	
20	
21	
22	
23	Court Reporter: Steven E. Patnaude, LCR No. 52
24	

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{DG 12-128} {06-12-12}

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2		EXHIBITS
3	EXHIBIT NO.	DESCRIPTION PAGE NO.
4	1	Direct Testimony of Thomas Finneral 7 and Mindy Rosen , including
5		attachments (05-15-12)
6	2	Revised Page 5 of 5 to Attachment C 7
7	3	Attachment Staff 1-4(B) Page 1 of 1 7
8	4	RESERVED (Record request to provide 46 an understanding of the abandonment
9		of footage re: two projects (Line 6 & 8) in Attachment B)
10		(Line 0 & 0) in Accacinnenc b)
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PROCEEDING

CHAIRMAN IGNATIUS: Let's open the hearing in DG 12-128, which is EnergyNorth Natural Gas, doing business as National Grid New Hampshire. And, presumably, to be doing business under a different name soon to come, the Cast Iron/Bare Steel Replacement

Program. There are certain proposals that the Company has made with calculations that, if approved as filed, would increase residential heating customers 42 cents for a customer using 1,250 therms per year, or a 0.03 percent increase.

Let's take appearances please.

MR. TAYLOR: Patrick Taylor, from McLane, Graf, Raulerson & Middleton, here today on behalf of National Grid -- or, EnergyNorth Natural Gas, doing business as National Grid New Hampshire. With me today are Thomas Finneral and Mindy Rosen from the Company and they will be providing testimony today.

CHAIRMAN IGNATIUS: Good morning.

MR. SPEIDEL: Good morning,

Commissioners. Alexander Speidel, on behalf of Staff. I have with me Steve Frink, of the Gas & Water Division, and also Randall Knepper, Director of the Safety Division.

CHAIRMAN IGNATIUS: Good morning. I see

{DG 12-128} {06-12-12}

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before us a couple of documents that are premarked as
 1
       "Exhibits 2" and "3". Is that for this morning?
 2
 3
                         MS. DENO: Yes.
                         CHAIRMAN IGNATIUS: Good.
 4
                                                    Thank you.
 5
       So, are there any procedural matters to take up before we
       begin with witnesses?
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 7
                         MR. SPEIDEL: Not necessarily.
       you like to hear Staff's opinion regarding the Motion for
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 9
       Confidential Treatment before or after witnesses?
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                         CHAIRMAN IGNATIUS: Might as well take
       it up now, why don't we. Thank you.
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                         MR. SPEIDEL: Commissioners, Staff
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       supports the Motion for Confidential Treatment filed by
14
       the Company.
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                         CHAIRMAN IGNATIUS: All right.
                                                         And, we
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       don't have any other parties here, so we don't have to be
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       concerned about others' access to it and any restrictions
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       that might be needed. All right. We will --
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                         (Chairman Ignatius and Commissioner
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                         Harrington conferring.)
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                         CHAIRMAN IGNATIUS: All right. We will
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      grant the Motion for Confidential Treatment. Thank you
23
       for reminding me, Mr. Speidel.
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                         MR. SPEIDEL:
                                       Thank you.
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CHAIRMAN IGNATIUS: Mr. Taylor.

MR. TAYLOR: Thank you, Chairman. The Company calls Thomas Finneral and Mindy Rosen to the stand. And, while they're getting ready, I'll note that the Company is going to mark three exhibits. Exhibit 1 is the Company's May 15, 2012 filing in this case. I have provided a copy to the Clerk. I can provide copies to the Commission, if you wish, but it looks like you already have them.

Exhibit 2 is a schedule illustrating the CIBS-related revenue collections by fiscal year, which Ms. Rosen will use to illustrate a revision and clarification to the Company's filing. This exhibit was provided to Staff as an attachment, Data Request Staff 1-4(B). And, actually, I'm going to correct myself, that is actually Attachment -- Exhibit 3. Sorry, I changed the order up. But they're marked properly.

So, I'm sorry, Exhibit 2 is a Revised Page 5 to Attachment C of the Company's filing, which illustrates revised bill impacts that Ms. Rosen will explain during her direct testimony. Exhibit 3 is the schedule that I previously mentioned, illustrating the CIBS-related revenue collections by fiscal year.

CHAIRMAN IGNATIUS: Thank you. Is there

1	any objection for these three being marked for
2	identification?
3	MR. SPEIDEL: No.
4	CHAIRMAN IGNATIUS: Thank you very much.
5	(The documents, as described, were
6	herewith marked as Exhibit 1, Exhibit 2,
7	and Exhibit 3, respectively, for
8	identification.)
9	CHAIRMAN IGNATIUS: Please proceed.
10	(Whereupon <i>Thomas Finneral</i> and
11	Mindy Rosen were duly sworn by the Court
12	Reporter.)
13	THOMAS FINNERAL, SWORN
13 14	THOMAS FINNERAL, SWORN MINDY ROSEN, SWORN
14	MINDY ROSEN, SWORN
14 15	MINDY ROSEN, SWORN DIRECT EXAMINATION
14 15 16	MINDY ROSEN, SWORN DIRECT EXAMINATION BY MR. TAYLOR:
14 15 16 17	MINDY ROSEN, SWORN DIRECT EXAMINATION BY MR. TAYLOR: Q. Mr. Finneral, please state your name and business
14 15 16 17	MINDY ROSEN, SWORN DIRECT EXAMINATION BY MR. TAYLOR: Q. Mr. Finneral, please state your name and business address for the record.
14 15 16 17 18	MINDY ROSEN, SWORN DIRECT EXAMINATION BY MR. TAYLOR: Q. Mr. Finneral, please state your name and business address for the record. A. (Finneral) Thomas Finneral, 40 Sylvan Road, Waltham,
14 15 16 17 18 19	MINDY ROSEN, SWORN DIRECT EXAMINATION BY MR. TAYLOR: Q. Mr. Finneral, please state your name and business address for the record. A. (Finneral) Thomas Finneral, 40 Sylvan Road, Waltham, Mass.
14 15 16 17 18 19 20 21	MINDY ROSEN, SWORN DIRECT EXAMINATION BY MR. TAYLOR: Q. Mr. Finneral, please state your name and business address for the record. A. (Finneral) Thomas Finneral, 40 Sylvan Road, Waltham, Mass. Q. By whom are you employed and what is your position with

[WITNESS PANEL: Finneral~Rosen]

- Q. And, what is your role in the matter presently before the Commission?
- A. (Finneral) I'm responsible for managing and tracking the Cast Iron/Bare Steel Program for New Hampshire.
 - Q. Mr. Finneral, the filing marked as "Exhibit 1" contains joint testimony bearing your name. Was this testimony prepared by you or under your direction?
- 8 A. (Finneral) Yes, it was.

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- 9 Q. Do you have any corrections or changes that you'd like to make?
- 11 A. (Finneral) Yes. One correction. On Page 12 of the
 12 testimony, Line Number 19, there's an extraneous
 13 reference to "Attachment B". I'd like that stricken
 14 from the record reference.
- 15 Q. Subject to that correction --
- 16 CHAIRMAN IGNATIUS: I'm sorry. So,
 17 would the sentence just be end with "2%.", and that final
 18 citation be taken out?
- 19 WITNESS FINNERAL: Correct.
- 20 CHAIRMAN IGNATIUS: Thank you.
- 21 BY MR. TAYLOR:
- Q. Subject to that correction, is the testimony true and correct to the best of your knowledge and belief?
- 24 A. (Finneral) Yes.

- 1 Q. Mr. Finneral, there's a report attached as "Attachment
- 2 A" to the joint testimony. Have you reviewed that
- 3 report?
- 4 A. (Finneral) Yes.
- Okay. And, to the best of your knowledge and belief, is the report true and accurate?
- 7 A. (Finneral) Yes, subject to clarification that Ms. Rosen will explain.
- 9 Q. Mr. Finneral, there's also a table provided as
 10 "Attachment B" to the joint testimony. Did you prepare
 11 that attachment?
- 12 A. (Finneral) Yes.
- Q. Do you have any corrections or changes to Attachment B that you'd like to present at this time?
- 15 A. (Finneral) No.
- 16 Q. Is Attachment B true and correct to the best of your knowledge and belief?
- 18 A. (Finneral) Yes.
- Q. Mr. Finneral, you provide an overview of the CIBS
 Program and its intended purpose in your joint
 testimony, is that correct?
- 22 A. (Finneral) Yes.
- Q. What is the process briefly by which the Company selects mains for replacement under the program?

Α.	(Finneral) Our system integrity engineers will analyze
	every segment of the cast iron/bare steel main within
	New Hampshire and run it through an algorithm that will
	generate a list of possible candidates based on the
	risk. We'll then review the direct assessments on the
	pipe conditions that we get back from the field, and
	use that to generate an overall list of candidates.

The engineers will then prepare initial designs and a very high-level estimate for the program, and that gets submitted to the Staff. The Company then sits down with Staff at a technical session and evaluates each proposed project, and the Staff generally makes recommendations on each project.

- Q. And, what does the Company do when it receives those recommendations?
- A. (Finneral) If necessary, we'll re-evaluate the projects based on the feedback from Staff, and ultimately choosing the Company's most prudent alternative. We then finalize the designs. Construction will perform a field walkdown of each project, generate a field estimate based on the current contract pricing. Once all the designs are finalized and the projects are estimated, along with any expected carry over costs, the Company assembles the final program scope and cost,

- 1 we submit it to Staff for their review.
- Q. Mr. Finneral, after you initially met with Staff in

 2011 to discuss the Fiscal Year 2012 CIBS Plan, did the

 Staff provide comments on that plan to you?
- 5 A. (Finneral) Yes, they did.
- Q. Did you re-evaluate the Fiscal Year 2012 Program as a result of Staff's comments?
- A. (Finneral) Yes, we did. I believe there were three,
 three projects they had recommended changing; I believe
 we changed two of the projects.
 - Q. And, the projects that were ultimately agreed upon by the Company and Staff, those are shown on Attachment B?
- 13 A. (Finneral) Yes, they are.
- 14 Q. Just briefly, could you provide and overview of those projects?
- 16 A. (Finneral) Sure. As shown on Attachment B, the Company
 17 had proposed 13 projects in total, three additional
 18 projects --
- 19 (Court reporter interruption.)

20 **BY THE WITNESS:**

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A. (Finneral) Yes. Thirteen projects in total, with three additional projects having Fiscal 2011 carry over costs due to final restoration. The 13 projects totaled an estimated 1.7 miles of main to be installed, with 72

nonplastic services. The overall estimated cost of the program was \$2,932,831.

3 BY MR. TAYLOR:

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- 4 Q. And, can you briefly describe the results of the Fiscal
 5 Year 2012 Program as it was implemented?
- A. (Finneral) Yes. The Company actually installed
 1.56 miles of main, with 59 bare steel services
 replaced, for a total cost of \$2,678,223.
 - Q. And, what accounts for the variance between the estimated cost and the actual total cost to the program?
- A. (Finneral) The largest variance for the program is
 driven by a project that we couldn't execute, Valley

 Street, in Manchester. We had found out it was
 recently resurfaced, and we could not permit the job.

 This project was estimated at \$296,637, for 775 feet of
 main replacement.
- Q. So, that being the case, the actual installed mileage and the cost for Fiscal Year 2012 were quite close to the estimated numbers, correct?
- A. (Finneral) Yes, they were. When you strip out the

 Valley Street Project, the expenditure of \$2,678,223 is

 within 2 percent of the approved amount for the Fiscal

 2012 Program.

Q. And, Mr. Finneral, what steps does the Company take to control the costs of the CIBS Program?

- A. (Finneral) In an effort to control contractor labor costs, we recently went through an RFP process, where we solicited pricing for a three year main and services contracts, ultimately selecting the most competitive bidder. In addition to that, the Company meets with Staff to go over the proposed program, receive feedback, with an outlook to identify the most prudent alternative. The Company also controls direct construction costs by exercising direct oversight of all of the projects, utilizing construction supervisors, a construction inspector, essentially, to mitigate any changes to the project scope and to ensure strict adherence to the unitized contract.
- Q. And, are there any factors related to costs in the CIBS Program that are outside of the Company's control?
- A. (Finneral) Yes. There's a few costs that are out of the Company's control. The first is the final restoration requirements, which are mandated by the municipalities. Specifically, in the Cities of Manchester, Concord, and Nashua, this particularly adds approximately \$60 to \$100 per linear foot to the cost of the projects.

Another uncontrollable cost are degradation fees that are currently being imposed by the Cities of Concord and Manchester. The fees are assessed on the final restoration, which does include the cutbacks of the trench. It's a varying fee schedule based on the area disturbed. For example, whether it's under pavement, in the sidewalk, or in the shoulder of the road. But, typically, that adds approximately \$30 a linear foot to the cost of the project, direct cost.

- Q. And, the Company is currently in the process of challenging those fees, correct?
- A. (Finneral) Yes. The Company has brought a suit against the Cities of Concord and Manchester seeking an injunction. The Company prevailed in a summary judgment in the Concord matter. Oral arguments are scheduled before the Supreme Court tomorrow, June 13th. The Manchester litigation is on hold pending the outcome of the Concord matter. And, the Company is currently paying the fees under protest in Concord. And, we're accruing the fees in the City of Manchester.
- Q. And, if the Company were to prevail in its litigation would that have the likely effect of mitigating unit costs in Concord and Manchester?

- 1 A. (Finneral) In Concord and Manchester, yes, it would.
- Q. Thank you, Mr. Finneral. Mrs. Rosen, please state your name and business address for the record.
- 4 A. (Rosen) Mindy Rosen, 40 Sylvan Road, Waltham,
 5 Massachusetts.
- 6 Q. By whom are you employed and what is your position with the Company?
- 8 A. (Rosen) I'm Lead Financial Analyst, Revenue 9 Requirements, for National Grid USA Service Company.
- 10 Q. And, what is your role in connection with the matter
 11 currently before the Commission?
- A. (Rosen) I have the responsibility to prepare the
 revenue requirement associated with the Fiscal Year
 2012 Cast Iron/Bare Steel Program. And, I've also
 prepared Amendments C, D, and E -- or, excuse me,
 Attachments C, D, and E to the joint testimony filed in
 this matter.
- Q. Ms. Rosen, the filing marked as "Exhibit 1" contains
 joint testimony bearing your name. Was this testimony
 prepared by you or under your direction?
- 21 A. (Rosen) Yes.
- Q. Do you have any corrections or changes that you'd like to make?
- 24 A. (Rosen) Yes. I have two corrections. First of all, on

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Attachment C, Page 3 of 5, the heading on that column says "Estimate", it should say "Actual". So, it's Column (d), should not say "Estimate" for fiscal '12. I also have a clarification that I need to make to the bill impacts on Page 5 of the revenue requirement, Attachment C of the filing. A revised Page 5 has been provided as "Exhibit 2". As explained in my testimony, at Page 19, on Lines 3 through 6, the Company reduced its fiscal '12 revenue requirement of \$153,362 by \$98,794, to account for an overstatement in the previous year's CIBS revenue requirement. This results in a Fiscal 2012 incremental revenue requirement of \$54,568. Based on this, the Company's filing indicates that the Company is seeking to increase in base rates -- excuse me, an increase in base delivery rates of \$54,568.

However, the Company has subsequently determined that that is not accurate. The Company has designed rates which will actually result in a reduction in annual revenues by \$44,226. Please refer to Exhibit 3. The cumulative amount charged in base rates through Fiscal 2011 was "\$1,001,352", as shown on Line 6(b). In Fiscal 2012, the Company's revenue requirement is shown in Column (c). The amount is made

up of the Fiscal '10 revenue requirement, \$479,762. 1 2 The corrected Fiscal '11 revenue requirement of 3 \$422,796, and the Fiscal '12 revenue requirement of \$153,362. These amounts total \$1,055,920. Then, we need to deduct the one-time refund of \$98,794. For a 5 total amount of revenue to be included in base rates of 6 "\$957,126", as shown on Line 6(c). Therefore, in 7 Fiscal 2012, there's actually a \$44,226 reduction from 8 9 the current cumulative revenues in base rates of \$1,001,352. 10

- Q. And, this being the case, is there any specific correction in your testimony that you'd like to make at this time?
- A. (Rosen) In my testimony, I state that the bill impact for a Residential Heating customer using 1,250 therms would be a "42 cent increase". In actuality, it will be a 34 cent decrease. This is shown on Exhibit 2, my correction to Page 5 of Attachment C, on Line 22(d).
- Q. Thank you, Ms. Rosen. Subject to the clarification you've just described, is your testimony true and correct to the best of your knowledge and belief?
- 22 A. (Rosen) Yes.

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Q. And, at the risk of seeming redundant, Ms. Rosen, there is a schedule attached as "Attachment C" to your joint

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1
          testimony?
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     Α.
          (Rosen) Yes.
 3
          And, did you prepare that schedule?
     Q.
 4
          (Rosen) I prepared that schedule.
     Α.
 5
     Q.
          And, --
 6
     Α.
          (Rosen) And, I have a revision on Page 5 of Exhibit C
 7
          [Attachment C?] that has been provided as "Exhibit 2".
 8
          With that, this attachment is true and correct.
 9
                         MR. TAYLOR: That's going to conclude my
10
       direct examination.
11
                         CHAIRMAN IGNATIUS:
                                              Thank you.
12
                         MR. TAYLOR: And open it to cross.
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                         CHAIRMAN IGNATIUS: Mr. Speidel.
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                         MR. SPEIDEL: Thank you very much,
15
       Mr. Taylor.
16
                           CROSS-EXAMINATION
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     BY MR. SPEIDEL:
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     Q.
          I'd like to address this first question to Mr.
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          Finneral. And, it might be helpful for us to have
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          specific reference to certain schedules. So, let's
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          begin, just want to make sure that we have the correct
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          correspondence of schedules. Yes. Very good.
23
          like to make reference to Attachment B to the filing,
24
          if possible, which has been noted as "Exhibit 1".
                                                              And,
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- I think I can also make reference to a specific page
 number, that would be "2 of 2". Now, Mr. Finneral,
 what is your general understanding of how abandoned
 pipe is treated in the CIBS Program?
 - A. (Finneral) Abandoned pipe as it's replaced?
- 6 Yes. Or, abandoned pipe as it's applied generally in Q. 7 the program. And, if you need to refresh your memory, 8 there is some testimony provided in an attachment. 9 Let's see, just a second please. There's Attachment A 10 to the filing. And, there's a segment that reads 11 "Section 1: Actual Capital Expenditures". And, that 12 would be on Page 4 of 13. And, if you go down 13 approximately five or six lines there, there's a 14 Footnote Reference 3. Are you there, Mr. Finneral?
 - A. (Finneral) I'm getting there.
- 16 Q. Okay. I'll give you a chance.

- 17 A. (Finneral) Thank you. Did you say "Page 13"?
- 18 Q. Page 4 of 13. It's confusing, because it has number
 19 "2" at the bottom of it, but, on the upper right-hand
 20 corner, it reads "Attachment A Page 4 of 13". Do you
 21 see it?
- 22 A. (Finneral) Yes, I do.
- Q. Okay. And, there's a sentence that is quite lengthy, it begins "Through a series of technical sessions...

Commission Staff and the Company have agreed". And,
you can go to subsection (i), that begins "replacement
or abandonment of cast iron and bare steel mains", and
there's a footnote that reads there, number "3". And,
--

A. (Finneral) "Abandonments such as mains that are not servicing a customer via a service will not be allowed.

Other abandonments will be considered by Staff" -
(Court Reporter interruption.)

10 BY MR. SPEIDEL:

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- 11 Q. Sure. You can read that again, if you like, the full footnote.
- 13 A. (Finneral) "Abandonments such as mains that are not

 14 servicing a customer via a service will not be allowed.

 15 Other abandonments will be considered by Staff on a

 16 case by case basis."
- 17 Q. Okay. So, you have a little bit of background on that.
- 18 A. (Finneral) Yes.
- 20 Perhaps you can give us a little bit of background
 20 explanation, getting back to Attachment B, the table
 21 here. On Page 2, there are a couple line items at
 22 Lines 6 and 8. And, just for simplicity, I'll describe
 23 the columns here. You have Column "Y", which reads
 24 "Install Footage", and then you have Column "Z" that

- reads "Abandon Footage", and then you have Column "AA",
 which reads "Total Footage". Do you see that?
 - A. (Finneral) Yes, I do.

- Q. Okay. So, there's interesting things here, in that, if
 you look at Line 6, line items -- well, let's see, one,
 two, three, four, well, let's start with -- it's
 labeled as "Line Item 6", but it's four rows down. You
 can see that, under Column Y, "Install Footage",
 there's a number that reads "255".
- 10 A. (Finneral) Correct.
- 11 Q. And, then, there's a figure that reads, under "Abandon 12 Footage", "485".
- 13 A. (Finneral) Correct.
- 14 Q. And, then, it says "Total Footage", "740".
- 15 A. (Finneral) Correct.
- 16 Q. If you go down two rows, there's a similar set of
 17 numbers, but they're applied differently. "Install
 18 Footage" there reads "845", "Abandon Footage" reads
 19 "345", and then "Total Footage" reads "845". So,
 20 you're not adding those figures in on that line?
 - A. (Finneral) Correct.
- Q. Could you give us a little insight as to why there's
 differential treatment between these two lines here, or
 why there might be?

[WITNESS PANEL: Finneral~Rosen]

- A. (Finneral) I'd really have to look at the specific project to give you an accurate answer.
 - Q. Well, if it helps you refresh your memory, the first one where the abandoned footage is added in?
 - A. (Finneral) Yes.

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- Is described as "Orange Street, Manchester & Beech

 Street". And, the next project is "Webster Street", in

 "Manchester". So, perhaps it would be fruitful to have

 a record request made, for just an explanation of the

 difference, since we're just curious.
- 11 A. (Finneral) We will. Absolutely.
- 12 Q. Thank you.
- 13 CHAIRMAN IGNATIUS: All right. And, are
 14 you clear on what the specific request is or should we
 15 refine that in any way?

MR. SPEIDEL: Just to reiterate, we
would be interested in understanding the reasons for the
differential treatment and how abandoned footage was added
into the total footage for the two projects referred to.

20 CHAIRMAN IGNATIUS: And, that's clear,

21 Mr. Finneral?

24

22 WITNESS FINNERAL: Yes, it is.

CHAIRMAN IGNATIUS: Great. Thank you.

MR. SPEIDEL: Excellent. Thank you for

that.

BY MR. SPEIDEL:

- Q. We have heard from you in your direct testimony that one of the cost reduction efforts that the Company has been engaged in related to the CIBS Program has been the implementation of an RFP process. Would you agree that that is the only cost reduction effort that has been made or are there ancillary efforts that you'd like to describe for us today?
- A. (Finneral) Well, I would say there are two. I mean, that would certainly be the biggest one that we have direct control over. The other cost control measures, meeting with Staff and conferring with them. They generally have a local knowledge of the area. They provide valuable feedback to the program, a lot of times proposing less-cost alternatives that we take back, re-evaluate, and sometimes we change the plan to go along with those alternatives.
- Q. So, Mr. Knepper and other inspection staff have been involved in giving direct advice on cost reduction?
- 21 A. (Finneral) On a proposed -- yes. On a proposed plan,
 22 yes.
 - Q. On the proposed plan, very good. Okay. If we can turn to Page 8 of your testimony presented in the filing.

1 And, we're interested in a small clarification here. 2 And, there's something, beginning on Line 15, there's a 3 sentence that reads: "Thus, for example, when a 4 municipality is resurfacing a street and the Company 5 can coordinate its own replacement work in that area in 6 advance of the municipality's restoration efforts, the 7 Company will do so." And, then, on Line 18, it reads: 8 "This ultimately lowers the Company's unit cost and 9 improves customer satisfaction in those areas." Now, 10 we had -- the Staff had the general understanding that 11 cast iron/bare steel costs do not embrace paving costs. 12 Could you perhaps provide a little bit of explanation 13 for this statement? Do paving costs get fed into the 14 cast iron/bare steel costs? And, how? 15 Α. (Finneral) Yes, they do. And, it's a direct cost on

A. (Finneral) Yes, they do. And, it's a direct cost on the cost of the projects.

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- Q. Okay. So, if there is a situation where a municipality is resurfacing a street, and the Company can coordinate its own replacement work in that area, the paving costs to the Company are reduced, and thereby the total CIBS costs are reduced?
- A. (Finneral) Yes. For this reference, I really wasn't referring to CIBS projects. This is work outside of the CIBS Program.

Q. Aah, yes.

A. (Finneral) It's really city/state construction work outside of the CIBS Program. I mean, we replace leak-prone pipe under other avenues, not just under the CIBS work. We take a look at the CIBS work based on risk, we evaluate the pipes, again, through the algorithm. We determine these are the pipes that we want to replace.

Outside of that, there are other efforts that we coordinate with cities and towns. We get their paving lists, any roadwork that they're doing, and we try to coordinate with them, to try to get leak-prone pipe in those areas as well. So, this is really outside of the CIBS, the CIBS projects.

- Q. That's correct. So, this reference is to outside of CIBS replacement work, and the Company is just saying here that it is reducing its per unit cost for such work?
- 19 A. (Finneral) Correct.
- Q. And, that it tries to engage in coordination between CIBS projects and non-CIBS projects?
- 22 A. (Finneral) Correct.
- Q. That's very helpful. Thank you very much. There is an estimate provided on Page 7 of your testimony, and this

1 would be around Lines 14 through 16. You might be able 2 to provide us with a little bit of background on these 3 estimated \$669,000 in carry over costs for final 4 restoration work and the associated degradation fees. 5 Now, in a given CIBS year, if these carry over costs 6 end up being underestimated or overestimated, so that, 7 in fact, these carry over costs are either smaller or 8 larger than estimated, how is that treated and applied 9 as part of the program recovery mechanism?

- A. (Finneral) We will recover the actual costs next fiscal year. They're part of next year, Fiscal 2013's program.
- 13 Q. Uh-huh.

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- 14 A. (Finneral) So, those -- we'll recover those costs under
 15 that program, the actual costs. Right now, we're
 16 providing an estimate.
- Q. And, so, the actual costs will be tendered as part of next year's filing?
- 19 A. (Finneral) Correct. They're part of the 2013 filing.
- Q. Correct. And, then, in that instance, you will simply state that the estimate was either higher or lower?
- 22 A. (Finneral) Correct.
- 23 Q. And, that these are the actual costs?
- 24 A. (Finneral) Correct. Yes. Similar to what we did this

year for Fiscal 2011 carry over costs.

- Q. Very good. Thank you very much for that explanation.

 You did provide some background, I believe, to this,

 Mr. Finneral, earlier. But could you provide a

 succinct explanation of why, in the Company's view, its

 per unit costs are higher for replacement, versus other

 gas utilities in the state? And, you did make mention

 of degradation fees and some of these ancillary

 road-related fees. Are there other elements that you

 and in the Company's view would be relevant to

 explaining some of the differences?
 - A. (Finneral) I do not know the costs associated with the other utilities, so I can't -- I can't make a comparison to that. I can tell you that the costs, compared to some of the other service territories that National Grid services, they are higher.
- O. Uh-huh.

- A. (Finneral) And, again, I keep going back to the
 degradation fees, as well as the restoration
 requirements, that we don't have in a lot of the other
 municipalities. Those are really the two drivers that
 are driving it up.
 - Q. And, I think, in your testimony, you made reference to a figure of something like "92 percent" of the projects

[WITNESS PANEL: Finneral~Rosen]

- within this program year are in Concord and Manchester,

 which are communities with the degradation fees?
- A. (Finneral) Correct. Yes. Most of the replacement work
 we've been doing over the last couple of years have
 been centered in Concord and Manchester.
 - Q. Has there been any consideration given, while you have the degradation fee issue over your heads, of perhaps focusing more efforts in Nashua?
 - A. (Finneral) There is. But, again, we look at it risk-based. We kind of go after the riskiest pipe regardless of where it's located.
- Q. And, there tends to be more of that in Concord and
 Manchester versus Nashua or other communities?
- 14 A. (Finneral) Correct.

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- MR. SPEIDEL: Very good. Thank you. I
 think that would be all of Staff's cross-examination
 questions for today.
- 18 CHAIRMAN IGNATIUS: Thank you.
- 19 Commissioner Harrington.
- 20 CMSR. HARRINGTON: Good morning.
- 21 BY CMSR. HARRINGTON:
- Q. Since we're on the subject, why don't we start with the restoration and degradation charges. Can you just explain, I mean, in your testimony you give some

information -- get the right page here. I guess it's on Page 10, and you talk about the -- and this is restoration costs. The "requirements imposed by New Hampshire municipalities, including Manchester, Nashua, and Concord, are considerably higher than those imposed by municipalities in other states", and it goes on to explain various things. And, it even goes down there and talks about, in Massachusetts, "in 1993, the Department of Public Utilities issued [an] order which standardized the requirements that public utilities must comply with when restoring a roadway." What exactly is involved in a restoration requirement that's so different in Nashua, Manchester, and Concord as 13 compared to other places?

(Finneral) In Concord and Manchester, we'll install our Α. gas main, --

(Court reporter interruption.)

BY THE WITNESS:

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(Finneral) In Concord and Manchester, we'll install our Α. gas main, pave the trench. After a settlement period, we need to go back, cut back two feet on each side of the trench, dig that out. So, essentially, we're dipping out a six foot area, and --

24 BY CMSR. HARRINGTON:

- Q. And, that's where I'm just kind of losing you on the process here. When you say -- so, you've taken up the old pipe?
- 4 A. (Finneral) Correct.
- Put the new pipe in to replace it. Then, you fill it in with whatever backfill you're using, and then pave the surface?
- 8 A. (Finneral) Correct. So, you've got a two-foot trench 9 paved, flush to grade.
- 10 Q. Okay. And, then, you come back sometime later to do what?
- 12 A. (Finneral) We cut back the existing asphalt. Meaning,
 13 if you've got a two-foot trench, we'll cut back two
 14 feet on one side and two feet on the other side, --
- Q. Excuse me, does "cut back" mean "remove"?
- 16 A. (Finneral) Yes, we'll saw cut.
- 17 Q. Okay.
- 18 A. (Finneral) Saw cut a straight line, parallel to the trench, and remove 6 feet of asphalt.
- Q. So, the two feet on either side, as well as the two feet over the top of the trench?
- 22 A. (Finneral) Correct.
- Q. And, then, -- and, what's the purpose of that?
- 24 A. (Finneral) It's a requirement from the municipality.

- They think it leaves a better -- a better product at the end.
 - Q. So, you -- I'm just trying to get this straight. You pave it, and then you wait some period of time, you go back and you remove the paving, and then you replace it again. Are they trying to make up for compression on the part of the backfill?
- A. (Finneral) Well, we -- I mean, we guarantee 95 percent compaction on our trench. I mean, if there's any depressions, we go back and make the repair. I mean, we're -- it's our obligation. This is above-and-beyond.
- Q. Maybe I'm being thick a little bit, but is there
 anything being accomplished by this other than making
 the guy who sells you paving material happy?
- 16 A. (Finneral) I'm sure there is, in the municipalities' eyes.
- Q. But there's nothing that you're aware of, as the person who is responsible for this, that you're implying -imposing any value added by this going back and redoing the pavement sometime later?
- 22 A. (Finneral) No.

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- 23 Q. Okay. That covers the --
- 24 A. (Finneral) Excuse me. That was Concord and Manchester.

- 1 If I may, I'll just --
- 2 Q. Sure.
- A. (Finneral) In Nashua, we've got to do a three-foot cutback.
- 5 Q. Same idea, just a little bit smaller?
- A. (Finneral) No. Same idea, but we've got to actually dig down 18-inches for that whole area, remove the gravel, remove the hot-top, replace with fresh gravel, and then repave.
- Q. And, there's no measuring -- or, in other words, if you go in there, I'm assuming, when you backfill, you're using compactors to pack the soil down and everything.
- And, if there's no defamation to the asphalt, you have to cut it up anyways?
- 15 A. (Finneral) Correct. It's a requirement.
- Q. And, then, what's the purpose of taking out the top 18 inches of backfill?
- 18 A. (Finneral) Again, they think it leaves a better
 19 product.
- Q. Has there been instances in the past, for example,
 when, you know, sometime later when this wasn't
 performed, that the road falls apart or something?
- 23 A. (Finneral) I'm not aware of when it wasn't performed.
- I've only been involved with the program when we've

- been doing this. Again, we do not do this in other areas. In other areas of New Hampshire, we don't do it.
 - Q. And, this example you give in Massachusetts, this is -that restoration, does that involve this cutting the
 asphalt out and reputting it down again?
 - A. (Finneral) No. We pave the trench. We'll pave it binder coarse, and then we'll finish it with a topcoat, and that's how we leave the job.
- 10 Q. And, presumably, if something happens, you're responsible to come back and fix it?
- 12 A. (Finneral) Correct. Correct.

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- Q. So, you're saying "Massachusetts makes more sense than

 New Hampshire", I don't like to hear that. Okay. How

 about "degradation fees", this seems to be something

 different?
 - A. (Finneral) That's the new fee that was imposed by

 Concord and Manchester, I think two years ago, 2010 it

 originated, or at least that's when we started seeing

 it. That is on top of our current permit fees.

 Really, that just -- it's a fee for them because we've,
- I guess, deteriorated the life of their roadway, by cutting into it.
 - Q. Okay. Once again. So, they say you're limiting the

- life of the road, because of the fact you cut into it and then repayed it?
- 3 A. (Finneral) We're degrading their road, yes.
- 4 Q. Okay. Do they charge these fees to other utilities
- 5 or --
- 6 A. (Finneral) I believe they do.
- 7 Q. Okay. How about the water utilities that are municipal-owned?
- 9 A. (Finneral) I do not know that.
- 10 Q. And, these are just simply -- this is just simply what
- 11 they say is a "decreasing in value of the road, because
- its life isn't going to last as long"?
- 13 A. (Finneral) Correct.
- 14 Q. By the fact you dug it up?
- 15 A. (Finneral) Correct.
- 16 Q. And, it looks like these are fairly substantial, going
- 17 to Attachment B, just a quick look down the list is
- it's well in excess of \$100,000 these degradation fees.
- One project "44,000", another one "30,000", and
- 20 "21,000", "15,000", and so on. So, that's just,
- 21 basically, it's a fee due to shortening of the life of
- 22 the road in their opinion?
- 23 A. (Finneral) Correct.
- 24 Q. But you don't pay that in any of the other places in

- 1 New Hampshire?
- 2 A. (Finneral) We do not.
- 3 Q. Do you pay that in other states?
- 4 A. (Finneral) We do not.
- 5 Q. Okay. That's interesting. Just a couple of other
- 6 questions. On Attachment A to your testimony, there's
- 7 a -- starting on Page 11 of 13, you give an example.
- 8 And, on there, just one thing out of curiosity, because
- 9 I used to run into this in my previous life. The "APB"
- is that -- is 1,000 bacteria colonies per I assume it's
- "milliliter", is that considered high? Low? Or, is
- 12 that actually causing the problem? Is it
- bacterial-induced corrosion that's causing the problem?
- 14 A. (Finneral) To be honest with you, I'm not sure of the
- 15 bacterial component.
- 16 Q. But, just getting onto the pipes, you see the pictures
- of these pipes. I mean, they've got holes in them.
- 18 A. (Finneral) Correct.
- 19 Q. So, where's the gas going?
- 20 A. (Finneral) It's held in by the earth.
- 21 Q. And, the earth makes it so that this doesn't present, I
- 22 mean, if someone is walking over this gas line and
- 23 dropping a cigarette butt and crushing it out isn't
- 24 going to take a ride?

- 1 A. (Finneral) No.
- Q. Okay. But how long before the gas would tend to migrate out and not be held in by the earth? Do you have any idea on it?
- A. (Finneral) It really depends on the area. I mean, if
 it's curb-to-curb paving, if it's a real tight area, it
 may take a little while for the gas to permeate up.
- 8 Q. And, what would a "little while" be? Six weeks or six years?
- 10 A. (Finneral) Again, it really depends on the soil conditions. I really can't answer that.
- Q. Because, I mean, these holes look pretty
 dramatic-looking here. You know, I wouldn't want a gas
 line going down my street that had that many holes in
 it. So, --
- A. (Finneral) I wouldn't either. I mean, I think it
 demonstrates that the candidates that were chosen this
 year were warranted.
- Q. And, just once again, can you just give a little more information on how you decide where to go? I mean, there's miles and miles of these, of bare pipe. And, obviously, who whoever picked this one out did a good job, because it's full of holes.
- 24 A. (Finneral) Right.

Q. But how do you make that determination of how to concentrate on which ones? You said you had some kind of an algorithm or something?

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- A. (Finneral) Yes. Our Engineering Department uses an algorithm, really, a computer model. They've got all the, I guess, pipe attributes within the system. It really just runs up against, you know, leak classifications, number of leaks, vintage of pipe, severity of -- severity of leaks, then kind of grades them or risk ranks them, based on a number of those factors.
- 12 Q. So, a lot of that, I suppose, would be age and material type then would be some of the determining factors?
 - A. (Finneral) Correct. Yes, and there's other -- there's other determining factors.
- 16 Q. Do you do soil testing in various places as well then?
- 17 A. (Finneral) As part of the Corrosion Group, we do.
- Q. Just a quick question. On Page 6, down the bottom, the
 very bottom of the page, it says: "The program will
 also include the replacement of 72 associated
 nonplastic services." Is this the -- meaning a metal
 line, I'm assuming, that ran to some customer, from the
 main, is that what that refers to?
 - A. (Finneral) Correct. Yes.

[WITNESS PANEL: Finneral~Rosen] 1 CMSR. HARRINGTON: That's all I have at 2 this time. Thank you. 3 CHAIRMAN IGNATIUS: Thank you. I have a 4 few questions. 5 BY CHAIRMAN IGNATIUS: Maybe still building on the question about "gas into 6 Q. 7 the ground", and you said it can "vary how long it will 8 take for it to permeate the surface". When it does, 9 what risk, if any, does that pose? 10 Α. (Finneral) I guess it really depends on the location of the facility. I mean, we monitor -- we monitor the 11 12 pipelines. We ride them, we'll patrol them for leaks. 13 If it permeates, and it's out of, I guess, our leak 14 survey cycle, generally it gets called in by the 15 public. We'll go out and we'll investigate it and 16 classify it. And, people can smell it as it comes up? Q. (Finneral) Correct. Α. Q. Is there a fire hazard with it coming up?

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- 20 (Finneral) Not if -- I guess, again, it depends on Α. 21 where it is. If this was adjacent to a house, and it 22 got into the house, and there was gas in the 23 atmosphere, that would be a hazard. If it got into a 24 confined space, that would be a hazard. If it's

- 1 venting in a field, that would not be a hazard.
- Q. And, if it's coming up in a street where someone's starting up their car?
- 4 A. (Finneral) That's not a hazard, not in that concentration.
- Q. Okay. The Valley Street Project that you had to pull back on, because the City of Manchester had just repaved it, is that right?
- 9 A. (Finneral) Correct. Yeah, I'm not sure of the age when
 10 it was repaved. When we originally looked at the
 11 project, we thought we could obtain a permit for it.
 12 It didn't look like it was brand-new. Come to find
- out, it was under a moratorium.
- 14 Q. Is that the one on Line 14, in your Attachment B, the first page?
- 16 A. (Finneral) Yes, it is.
- Q. If it had met the algorithm test you put it to for a candidate for replacement, are we --
- 19 A. (Finneral) Correct.
- 20 Q. -- should we be concerned about safety by not going
 21 forward with this project right now?
- 22 A. (Finneral) No.
- 23 Q. And, why not?
- 24 A. (Finneral) If it was a safety concern, we would replace

1 it regardless of the paving.

- Q. Well, don't all of the projects you select, you said they're "based on risk". I guess I assumed "risk" meant "safety". So, why don't you explain why it is considered to be "risky", and yet leaving it alone is okay?
- A. (Finneral) So, I guess there's -- there's different levels of risk. You know, we risk rank all these pipes against each other. The Valley Street Project was ranked fairly low on this list. If this was within another service territory, this probably wouldn't even rise to level of being replaced. This is not a pipe that we would consider to be a "risky" pipe. We survey it, we leak survey it, we monitor it. If there's a leak, we repair it. And, we'll continue to do that.
- Q. Looking at Attachment B, I was struck that, of the 13 projects you initially had, one dropped off, you explained because of the City's moratorium. So, of the 12 remaining projects, the way I interpreted the comment boxes were that only two of them are actually complete this year, all the costs are in. Eight of them have restoration work to be done next year?
- 23 A. (Finneral) Yes.
 - Q. And, one of them has a degradation fee on hold,

- presumably, because of all the litigation?
- A. (Finneral) Litigation, yes.

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- Q. Is that unusual, to have so many that are still not complete, and some costs that will add up, being put into next year's program?
- (Finneral) It's higher than it has been over the past 6 Α. 7 few years of the program, certainly. I guess the 8 biggest -- the biggest reason for that is we front-loaded our construction work plan with a lot of 9 the municipal work, because we had to get in advance of 10 the towns' paving their streets, doing water work, so 11 12 we didn't impede their schedules. So, the cast 13 iron/bare steel stuff were executed later in the year. 14 So, you know, we were starting a lot of this work in 15 the August/September time frame. By the time the 16 projects actually got completed, it's too late in the 17 year to pave. If it gets that cold, we can't do the 18 final paving. So, that's really why the costs are 19 spilling over to next year, because the -- we 20 front-loaded the work plan with a lot of the other 21 work, to kind of coordinate with the cities and towns. 22 That's why this work happened later in the year.
 - Q. And, if you're successful in the litigation in knocking out the restoration fee -- excuse me, I guess it's a

- "degradation fee" from the City of Manchester, what's
 the mechanism for returning that to ratepayers? It's
 already been paid, correct?
- 4 Α. (Rosen) Yes. If you look at Attachment E, that's an 5 illustrative example of what we would do to return the 6 credit to ratepayers. So, Attachment E shows that currently in the program there's "\$372,736" of expenses 7 8 for these degradation fees. As soon as we either 9 receive a refund or are told that we longer need to 10 accrue the liability, we would reverse the liability, accept the refund, and turn around and give the refund 11 12 back to customers.
- 13 Q. And, when you say "refund to customers", would it be
 14 rolled into next year's, or that whatever next year
 15 you're doing a revenue requirement, roll it in as a
 16 credit?
- 17 A. (Rosen) Yes.
- 18 Q. Did the going to an RFP result in lower rates?
- 19 A. (Finneral) If you refer to Data Request 1-1.
- 20 Q. I'm sorry, to what?
- 21 A. (Finneral) The response to Data Request Number Staff
 22 1-1.
- 23 Q. Which we may not have.
- MR. SPEIDEL: Yes. We haven't entered

that into the record. So, what we could do is, I could prepare copies for the Commissioners to take a look at, and we could enter it into the record as an exhibit.

MR. TAYLOR: I was going -- I mean, --

MR. SPEIDEL: Speak to it at a high

level.

MR. TAYLOR: -- you can speak to it without reference to the data request.

WITNESS FINNERAL: Yes. I can speak to it at a high level.

CHAIRMAN IGNATIUS: That's fine.

BY THE WITNESS:

A. (Finneral) Yes. Just to give you an example, what we did was we took all the actual charges, all the contractor labor charges specifically that we incurred in Fiscal 2012, as well as any of the carry over restoration charges that hit in Fiscal 2013, because those have already been completed and been invoiced. Compared those to our estimated unit cost for Fiscal '13, using the new bid book, using the new contract pricing. So, if you look at just the contractor labor piece, for Fiscal 2012 -- quoted the wrong figure. Fiscal 2012, the linear foot cost for contractor labor was \$133 per linear foot. For the estimated Fiscal

{DG 12-128} {06-12-12}

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          '13, I believe it was $115 per linear foot.
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                         CMSR. HARRINGTON: What was the first
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       number, I'm sorry? One hundred twenty-three (123)?
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                         WITNESS FINNERAL: One hundred
 5
       thirty-three (133).
 6
                         CMSR. HARRINGTON: One hundred
 7
       thirty-three (133).
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                         CHAIRMAN IGNATIUS: I wrote down "113".
 9
       I like your first number better.
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                         WITNESS FINNERAL: Yes.
                                                  I'm trying to
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       find the actual.
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                         (Court reporter noted that he heard
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                         "133".)
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                         CHAIRMAN IGNATIUS: The stenographer
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       heard "133", and his ears are "professionally trained".
16
       So, I think we'll take his number.
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                         WITNESS FINNERAL: The unit cost for
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       2012 was 133, 1-3-3. And, yes, for Fiscal '13, it's
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       estimated at $115 per linear foot. And, again, that's
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       strictly the contractor labor piece. It doesn't include
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       any of the municipal charges or police details that are
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       outside of the contract labor pricing.
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    BY CHAIRMAN IGNATIUS:
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          So, it's a little hard to know, because, as you say,
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          it's not an all-in number, but --
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     Α.
          (Finneral) Yes. And, it really depends on the units
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          that you use as well. I mean, I just compared it on
          the units that we actually installed last fiscal year
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          to the units that we expect to install next fiscal
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          year. I mean, there's plenty of other units within the
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          contract. And, you know, the pricing varies among
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          those.
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                         CHAIRMAN IGNATIUS: All right. All
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       right, I think that concludes our questions. Thank you.
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       Is there any redirect, Mr. Taylor?
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                         MR. TAYLOR: If I may just take a
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       moment?
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                         CHAIRMAN IGNATIUS: Please.
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                         MR. TAYLOR: Could I take a moment to
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       consult with my witness before I do redirect?
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                         CHAIRMAN IGNATIUS: That's fine.
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                         (Atty. Taylor conferring with the
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                         witnesses.)
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                         CHAIRMAN IGNATIUS: All right.
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       Mr. Taylor.
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                         MR. TAYLOR: Actually, after all that,
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       I'm not going to do any cross.
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                         CHAIRMAN IGNATIUS: All right.
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{DG 12-128} {06-12-12}

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                         MR. TAYLOR: Or, redirect, I'm sorry.
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                         CHAIRMAN IGNATIUS: All right.
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                         MR. TAYLOR: Thank you very much.
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                         CHAIRMAN IGNATIUS: That's fine.
       I think, now that you've gotten back in your seats, you're
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 6
       excused.
 7
                         Let's mark for identification the record
 8
       request we've held as "Exhibit 4".
 9
                         (Exhibit 4 reserved)
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                         CHAIRMAN IGNATIUS: And, could that be
11
       produced -- well, Mr. Taylor, how long do you think you
12
       need to get that in?
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                         MR. TAYLOR: A week's time?
14
                         MR. SPEIDEL: That would be fine, yes.
15
                         CHAIRMAN IGNATIUS: All right.
                                                         Thank
16
             Is there any --
       you.
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                         (Chairman Ignatius and Commissioner
18
                         Harrington conferring.)
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                         CHAIRMAN IGNATIUS: We were -- just a
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       little clarification. On Exhibit Number 3, it I assume is
21
       a stand-alone exhibit, it says "Attachment Staff 1-4".
22
       But had it come from a response to a data request?
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                         MR. TAYLOR: Yes. That is a response to
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       a data request that was previously provided to Staff, but
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       we wanted to provide it at this hearing for illustrative
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       purposes.
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                         CHAIRMAN IGNATIUS: Okay. So, the fact
       that we don't have the rest of the papers is okay.
 4
 5
       stand-alone document?
 6
                         MR. TAYLOR: Yes.
                                            It was provided for a
 7
       purpose that you can look at while Ms. Rosen testified.
 8
                         CHAIRMAN IGNATIUS:
                                             Thank you. I assume
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       Staff is not putting on a witness, is that correct?
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                         MR. SPEIDEL: That's correct.
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       today. And, we do have a closing statement.
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                         CHAIRMAN IGNATIUS: All right.
                                                         So,
       let's -- is there any objection to striking the
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       identification of the exhibits and entering them as full
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       exhibits?
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                         MR. SPEIDEL: No.
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                         CHAIRMAN IGNATIUS: Seeing none.
                                                           We
18
       have closings.
                       Staff.
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                         MR. SPEIDEL: Yes.
                                             Thank you,
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       Commissioners. Staff, in general terms, does support the
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       Company's revised Cast Iron/Bare Steel Program Results
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       Filing. And, we would support the inclusion of the
23
       revisions to the revenue requirement of the Company.
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                         Specifically, we do appreciate the
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Company taking the initiative and making a downward adjustment as appropriate to those figures. However, and we don't mean to sound like a broken record, or to nag the Company, but it is our job to always make sure that the Company is aware, for the coming program year, to apply a sharp pencil to their expenses, to maximize pipe replaced, minimize costs, if at all possible, and to continue the good work of this program to replace pipe that is degraded and in poor shape in this state.

So, to that end, we have Mr. Randall Knepper of Staff working one-on-one with Company representatives, offering ongoing operational-related advice, in addition to his review of program materials that are submitted in writing. And, we would ask that the Company continue to take Staff input under advisement and to apply cost-control innovations, such as the RFP process, where appropriate. Thank you.

CHAIRMAN IGNATIUS: Thank you.

Mr. Taylor.

MR. TAYLOR: Thank you. I think a key takeaway from this year's filing and today's testimony is that the Company's actual cost for the Fiscal Year 2012 Program were very close to the estimated cost, coming in at a 2 percent overall variance approximately. This is,

we believe, a considerable improvement over earlier years of the program, and consistent with the Company's continued efforts to meet with Staff, solicit input, and refine the program accordingly, to select the best option from a prudency and cost perspective.

The Company is very appreciative of the Staff's support for its filing, as well as its cooperation and input throughout the project selection and implementation process. The Company is also appreciative of the prior support that the Staff and the Commission have shown the CIBS Program, which is worthwhile and has enabled the Company to work with Staff over the last several years to make considerable, positive improvements to its system. The Company remains committed to working with Staff to control those costs to the greatest extent possible, and is, of course, open to any input the Staff or Commission can provide. And, that's — I'll end my statement there. Thank you, Commissioner.

CHAIRMAN IGNATIUS: All right. Thank

you. We will take all of this under advisement. We look

forward to the results of the Supreme Court argument

tomorrow, we'll be watching for that. And, we appreciate

everyone's efforts this morning. So, we stand adjourned.

(Whereupon the hearing ended at 11:15 a.m.)