1	STATE OF NEW HAMPSHIRE		
2	PUBLIC UTILITIES COMMISSION		
3			
4	February 3, 2016 - 10:07 a.m. DAY 2 Concord, New Hampshire MORNING SESSION ONLY		
5	Concord, New Hampshire MORNING SESSION ONLY		
6			
7	RE: DE 14-238 PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE: Determination regarding PSNH's Generation Assets.		
8			
9	DE 11-250 PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE: Investigation of		
10	Scrubber Costs and Cost Recovery.		
11	PRESENT: Commissioner Martin P. Honigberg, Presiding		
12	Commissioner Kathryn M. Bailey Special Commissioner Michael J. Iacopino		
13	Jody Carmody, Clerk		
14			
15	APPEARANCES: Reptg. Public Service Co. of New Hampshire: Matthew J. Fossum, Esq.		
16	Robert A. Bersak, Esq.		
17	Reptg. the City of Berlin and the Town of		
18	Gorham, New Hampshire: Christopher L. Boldt, Esq. (Donahue, Tucker)		
19	Reptg. the Conservation Law Foundation:		
20	Thomas F. Irwin, Esq.		
21	Reptg. the Sierra Club: Zachary M. Fabish, Esq.		
22			
23	COURT REPORTER: STEVEN E. PATNAUDE, LCR NO. 52		
24			



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2	APPEARANCES:	(continued)
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4		Reptg. the Office of Energy & Planning: Christopher G. Aslin, Esq., Dept. of Justice Meredith A. Hatfield, Director
5		
6		Reptg. Granite State Hydropower Assn.: Susan S. Geiger, Esq. (Orr & Reno)
7		Reptg. New England Power Generators Assn.: Carol Holahan, Esq.
8		Reptg. Retail Energy Supply Association:
9		Melissa Lauderdale, Esq. (Exelon)
10		Reptg. Sen. Jeb Bradley & Sen. Dan Feltes: Senator Jeb Bradley
11		Senator Dan Feltes
12		Reptg. Terry Cronin: Arthur B. Cunningham, Esq.
13		Pentti Aalto, pro se
14 15		Michael Harrington, pro se
16		Reptg. the PUC Staff Advocates: F. Anne Ross, Esq.
17		Thomas C. Frantz, Dir./Electric Division
18		Reptg. Residential Ratepayers: Susan Chamberlin, Esq., Consumer Advocate
19		James Brennan, Finance Director Office of Consumer Advocate
20		Reptg. PUC Non-Advocate Staff:
21		Alexander F. Speidel, Esq. Suzanne G. Amidon, Esq.
22		Leszek Stachow, Asst. Dir./Electric Division Jay Dudley, Electric Division
23		Richard Chagnon, Electric Division
24		

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1	PROCEEDING	
2	CHAIRMAN HONIGBERG: All right. We're	
3	here for Day 2 of the hearings in Docket DE 11-250 and DE	
4	14-238.	
5	Before we get started, Ms. Amidon, are	
6	there any preliminary matters we need to deal with?	
7	MS. AMIDON: I believe one of the	
8	outstanding issues from yesterday is the request from	
9	Attorney Geiger regarding the opportunity to file legal	
10	memoranda.	
11	Other than that, I believe the	
12	Commission has the proposed witness list for today, and	
13	everyone's prepared to go forward with cross.	
14	CHAIRMAN HONIGBERG: Ms. Geiger, Mr.	
15	Bersak, we got the sense yesterday that there are legal	
16	arguments that you're making. I mean, each of you was	
17	asking the witness about what decisions say and what they	
18	mean. It seems logical that you'd want to file memos. Is	
19	that right, Ms. Geiger?	
20	MS. GEIGER: Correct.	
21	CHAIRMAN HONIGBERG: Mr. Bersak?	
22	MR. BERSAK: We agree. That makes	
23	sense.	
24	CHAIRMAN HONIGBERG: Are you in a	

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1
       position to do that this week, to get these memos in by
 2
       the end of the week?
 3
                         MS. GEIGER: My preference would be
 4
       Monday, if possible.
                         MR. BERSAK: Well, it depends -- I'm
 5
 6
       sorry.
 7
                         CHAIRMAN HONIGBERG: Okay. Mr. Bersak,
 8
       yes?
                         MR. BERSAK: Depends on how long we go
 9
10
       here. If we're going through hearings through Thursday,
       the likelihood of me having a memo ready on Friday is
11
12
       unlikely.
13
                         CHAIRMAN HONIGBERG: So, Monday works
14
       for you as well then?
15
                         MR. BERSAK: I suppose I have nothing
16
       better to do this weakened, sure.
17
                         CHAIRMAN HONIGBERG: You have other
18
       people who work for you, Mr. Bersak.
19
                         [Laughter.]
20
                         SP. COMMISSIONER IACOPINO: Someone
21
       sitting on your table might say somebody else has
22
       something better to do.
23
                         MR. BERSAK: What are you doing this
24
       weekend?
```

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1
                         CHAIRMAN HONIGBERG: Low man again, Mr.
 2
       Fossum.
 3
                         MR. BERSAK: We can do that.
 4
                         CHAIRMAN HONIGBERG: So, Monday. Do you
 5
       want page limits?
 6
                         MS. GEIGER: Doesn't matter.
 7
                         MR. BERSAK: Doesn't matter. We'll be
 8
      brief. They're briefs.
                         CHAIRMAN HONIGBERG: Well, you say that,
 9
10
       but -- all right. We will not impose page limits on you,
11
      but we encourage you to be brief.
12
                         MR. BERSAK: Yes.
13
                         CHAIRMAN HONIGBERG: Is there anything
14
       else, Ms. Amidon?
15
                         MS. AMIDON: No.
16
                         CHAIRMAN HONIGBERG: All right. Is
17
       there anybody here today who was not here yesterday, in
18
       terms of appearances? Yes. Oh, Mr. Harrington, welcome.
19
                                          Thank you, Chairman.
                         MR. HARRINGTON:
20
                         CHAIRMAN HONIGBERG: Mr. Harrington, I'm
       just going to write your name here geographically in the
21
22
       room, because I have this chart of where people are
23
       sitting. So, if anybody moves, I'm going to be in real
24
       tough shape.
```

[WITNESS: Norman] 1 MR. HARRINGTON: I'll try to stay put. 2 CHAIRMAN HONIGBERG: But I see where you 3 are. 4 All right. So, then, with that, are we 5 ready to -- I'm sorry, is there anybody else who's here 6 who wasn't here yesterday? 7 MS. ROSS: I do have a witness here. 8 CHAIRMAN HONIGBERG: No, no, no. I'm 9 just talking about appearances, Ms. Ross. 10 MS. ROSS: Okay. Thank you. 11 CHAIRMAN HONIGBERG: Just the people I 12 would need to call on during questioning, to see if 13 anybody wants to ask questions, okay? You know, looking 14 to recognize people at the appropriate times. 15 So, with that, I think we're ready to 16 call a witness, right, Ms. Geiger? 17 MS. GEIGER: Yes. 18 CHAIRMAN HONIGBERG: All right. Go 19 ahead. Mr. Norman, come on down. 20 (Whereupon Richard A. Norman was duly 21 sworn by the Court Reporter.) 22 CHAIRMAN HONIGBERG: Go ahead, Ms.

24 RICHARD A. NORMAN, SWORN

23

Geiger.

## 1 DIRECT EXAMINATION

- 2 BY MS. GEIGER:
- Q. Mr. Norman, could you please state your name for the record.
- 5 A. I'm Richard Norman.
- 6 Q. And, by whom are you employed and in what capacity?
- A. I'm the Chairman of Granite -- of Essex Hydro

  Associates, a developer and operator of hydroelectric

  plants regulated by the Federal Energy Regulatory

  Commission. I'm also Vice President, Secretary, and

  Treasurer of Honeoye Storage Corporation, an

  underground natural gas storage facility regulated by

  the FERC.
- 14 Q. Do you hold any other positions?
- 15 A. Yes. I'm also the President of Granite State

  16 Hydropower Association.
- Q. And, for the Commission's edification, what is Granite
  State Hydropower Association?
- A. GSHA is the association for the small independent
  hydroelectric power industry in New Hampshire. GSHA's
  members own, operate, and manage approximately 60 small
  hydroelectric projects located throughout New
  Hampshire. In the aggregate, these 60 projects have a
  cumulative gross capacity of approximately 50

[WITNESS: Norman]

Public Service Board.

16

megawatts. So, they're very small. Twenty-six are
qualifying facilities, QFs, as that term is used in the
Public Utility Regulatory Policy Act, PURPA, and are
independent power producers, IPPs, that sell their
output to Eversource, formerly known as "Public Service
of New Hampshire".

- 7 Q. Mr. Norman, have you previously testified before this Commission?
- 9 A. Yes. I've testified before the New Hampshire Public

  10 Utility Commission in Docket DE 09-174, a Petition for

  11 Declaratory Ruling regarding Penacook Lower Falls.

  12 It's a hydroelectric project. And, in DE 99-099,

  13 regarding Public Service -- Public Service of New

  14 Hampshire's 1999 Restructuring Settlement Agreement.

  15 I've also testified at the FERC, and before the Vermont
- Q. Mr. Norman, did you submit prefiled testimony in this case?
- 19 A. Yes, I did. I submitted prefiled direct testimony on
  20 September 20 -- yes, September 18th, 2015;
  21 supplementary prefiled direct testimony on
  22 November 12th, 2015.
- Q. Mr. Norman, I'd like to refer you to two documents that have been marked in this docket as "Exhibits K" and

1 "L". Do you have those?

- 2 A. Yes.
- Q. And, the first document, Exhibit K, is entitled

  "Prefiled Direct Testimony of Richard A. Norman on
  behalf of Granite State Hydropower Association", and
  that's dated "September 18th, 2015". Is this the
  prefiled testimony that you just referred to?
- 8 A. Yes.
- 9 Q. And, the second document is entitled "Supplemental
  10 Prefiled Direct Testimony of Richard A. Norman on
  11 behalf of Granite State Hydropower Association", dated
  12 "November 12th, 2015". And, that's been marked
  13 "Exhibit L". Is that your supplementary direct
  14 testimony?
- 15 A. Yes.

18

19

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23

- Q. Okay. Mr. Norman, do you have any corrections or updates to either of your prefiled testimonies?
  - A. Yes, I do. On Page 8, Line 12, of my prefiled direct testimony, the word "supplement" should be changed to "supplemental". Also, on Page 8, I responded to a question that asked for an explanation of "why GSHA believes that the Commission should not approve the use of real-time price as Public Service of New Hampshire's avoided cost during the hybrid period." I refer to the

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1
          "hybrid period" as the period in which they continue to
          own generating assets. On Page 8, Line 18, of my
 2
 3
          prefiled direct testimony, I'd like to add the
          following sentence: "Also, FERC has declared that an
 4
          energy imbalance service market rate at a QF's node is
 5
          not the purchasing utility's avoided cost under PURPA.
 6
          See Exelon Wind 1, LLC et al, 140 FERC Paragraph 61,152
 7
          (issued August 28, 2012)."
 8
          Mr. Norman, do you have any other updates or changes to
 9
     Q.
10
          your prefiled direct testimony or supplemental prefiled
11
          direct testimony?
12
                         MR. BERSAK: Mr. Chairman, could we ask
13
       that Granite State Hydro kind of type that up and give it
14
       to us?
15
                         CHAIRMAN HONIGBERG:
                                              I was just going to
16
       ask. Ms. Geiger, it appeared that Mr. Norman may have
17
       been reading from something. Would it be possible to get
18
       copies of that for everyone? Because I don't know that
19
       any -- there's only one person here who could do
20
       shorthand, and he's sitting in front of me.
21
                         MS. GEIGER:
                                      Sure.
22
                         CHAIRMAN HONIGBERG: Is that -- can that
23
       sheet of paper perhaps be shared with a member of Staff
24
       who might be able to go make a bunch of copies of it?
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[WITNESS: Normanl 1 MS. GEIGER: I don't have it separately 2 typed out on a separate piece of paper. So, it wouldn't 3 be -- it wouldn't be easily extractable from another 4 document that I have. But I'd be happy to make it 5 available later on today. 6 CHAIRMAN HONIGBERG: Mr. Bersak, do you 7 feel you need it right now? 8 MR. BERSAK: No, not right now. 9 just want to know exactly what his testimony is, if I'm 10 going to be writing a brief over the weekend. 11 CHAIRMAN HONIGBERG: Okay. We'll deal 12 with it at the break then. Thank you. 13 MS. GEIGER: Thank you. 14 BY MS. GEIGER: 15 So, just referring back to my last question, Mr. 16 Norman, do you have any other updates or changes to 17 your prefiled direct testimony or your prefiled 18 supplemental testimony? I'd like to add to update the direct testimony, 19 Α. 20 in the sentence on Page 12, Lines 2 to 3, that reads: 21 "For example, for the period January 1, 2015 to 22 September 1, 2015, cumulative real-time prices were 23 3.96 percent less than the cumulative DA prices."

Because we've now got a full year's data for 2015, I'd

1 like to revise that sentence to read: "For example, for the period January 1, 2015 to December 31, 2015, 2 3 the average RT, or real-time, prices were 4.51 percent less than the average DA prices." 4 5 Also, in my supplementary testimony, on 6 Page 5, I'd like to add a sentence on Line 2, after the words in parentheses "purchase power", I'd like to add 7 "PSNH's average generating costs in 2015 were 6.71 8 9 cents per kilowatt-hour, while the average real-time 10 New Hampshire LMP energy price for the same period was 4.02 percent" -- "4.02 cents per kilowatt-hour." 11 12 MR. BERSAK: Mr. Chairman, could we have 13 the witness please repeat that one? That one I might need 14 right now. 15 CHAIRMAN HONIGBERG: Yes. Mr. Norman, 16 can you go through that slowly, so that the folks who are 17 trying to follow along and write it down can get it? 18 WITNESS NORMAN: Sure. Sorry. I could 19 speak more slowly, if you'd like? 20 CHAIRMAN HONIGBERG: How many other 21 corrections do you have to make, do you think? 22 WITNESS NORMAN: That's -- I've got, I

think, one other. I have a couple of other comments,

23

24

but they're --

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1
                         CHAIRMAN HONIGBERG:
                                              In terms of
 2
       corrections?
 3
                         WITNESS NORMAN: In terms of
 4
       corrections, that's the only one.
 5
                         CHAIRMAN HONIGBERG: All right. So, why
 6
       don't you go through that one slowly, so Mr. Bersak and
 7
      his people can get it down clearly, and that we can get it
 8
       as well. Yes. Well, wait a minute. Commissioner Bailey?
 9
                         COMMISSIONER BAILEY: Can you start with
10
       the page number please?
11
                         WITNESS NORMAN:
                                          Sure.
12
    BY THE WITNESS:
13
          This is on Page 5, Line -- after Line 2, after the
14
          words in parentheses "purchase power", and this is in
15
          my supplementary testimony, I would like to add the
16
          words "PSNH's average generating costs --
17
                         MR. BERSAK: Slow down.
    BY THE WITNESS:
18
19
          -- in 2015 --
    Α.
20
                         MS. AMIDON: Slower please.
21
    BY THE WITNESS:
22
          I'll repeat that. "PSNH's average generating costs in
23
          2015 were 6.71 cents per kilowatt-hour, while the
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{DE 14-238/DE 11-250} [Day 2 AM Session only] {02-03-16}

average real-time NH LMP energy price for the same

[WITNESS: Norman] 1 period was 4.02 cents per kilowatt-hour." 2 MR. BERSAK: Can you repeat that last 3 number please, 4.? 4 WITNESS NORMAN: 4.02. 5 MR. BERSAK: Thank you. And, I believe Ms. 6 WITNESS NORMAN: 7 Geiger yesterday explained in her cross the derivation of 8 that, of those numbers. BY MS. GEIGER: 9 10 Mr. Norman, --11 CHAIRMAN HONIGBERG: Ms. Amidon? Just a 12 moment, Ms. Geiger, I'm sorry. Ms. Amidon? 13 MS. AMIDON: I just had an 14 administrative suggestion that Attorney Geiger file an 15 errata for that, so that the -- later today, so that the 16 text is clear what she intends to amend in Mr. Norman's 17 testimony. Just a one-page errata, just showing where the 18 changes are made and what the changes are. 19 CHAIRMAN HONIGBERG: Ms. Geiger, that 20 would seem the kind of thing you probably had in mind 21 anyway. 22 MS. GEIGER: I'm happy to do that, Mr. 23 Chairman.

CHAIRMAN HONIGBERG:

All right.

Thank

[WITNESS: Norman] 1 you. 2 All right. Now, Ms. Geiger, you may 3 proceed. BY MS. GEIGER: 4 I guess, Mr. Norman, do you have anything else to add 5 6 to your testimonies? 7 Yes. I'd like to provide some brief points in Α. 8 surrebuttal to Mr. Shuckerow's rebuttal testimony that 9 was given yesterday. 10 On Page 23, Lines 1 to 8 of his 11 testimony, he asserted that Granite State's involvement 12 in this proceeding appeared to him to be, in 13 quotations, "opportunistic". That's simply not the 14 The small hydro industry in New Hampshire is 15 very fragmented. The industry consists of many small 16 projects that lack individual administrative and legal 17 capability, as has been referenced consistently by the 18 FERC.

Project owners simply typically have their hands full in operating their projects. There are 26 Granite State projects that sell power to Public Service's QFs and are the subject of this docket. The largest is only 1.55 megawatts. Until very recently, virtually all small hydroelectric projects sold energy

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[WITNESS: Norman]

under long-term contracts or rate orders that were signed in the mid 1980s. And, these were for, when I refer to "long-term", those are 30-year contracts.

Therefore, at the time the 1999

Settlement Agreement was signed, virtually all of these projects were in the middle of long-term purchase obligations, and many were not even aware of the provisions that exist in the 1990 -- 1999 Settlement Agreement.

When Granite State first became aware of the divestiture proposal in October 2014, it decided to intervene because, at that point, it believed Public Service's divestiture could impact the same power markets in which GSHA projects operate. Many projects had power purchase agreements, which were scheduled to expire, basically, the 25 to 30 years was about to lapse. It was only after its intervention and participation in this docket that Granite State became aware that Public Service proposed to continue QF purchases as provided in the 1999 Settlement Agreement without any modification.

A legal review of the proposed

Settlement Agreement revealed that proposed QF purchase

language was not consistent with PURPA's definition of

"avoided costs". Granite State, therefore, is pursuing the matter in this docket.

A further comment on Page 10, Lines 1 to 11, in which Mr. Shuckerow speculates that, if Public Service's avoided cost rates for QFs were "higher than other utilities in the region, QFs throughout the region would...put their output to PSNH, and PSNH's customers would ultimately pay the resulting higher costs." I disagree with that assertion.

New Hampshire Electric Co-op, as cited on Page 5, Line 22, of Mr. Shuckerow's testimony, did recognize "that QFs are not bound by state franchise boundaries". However, the docket also recognized that the QF would incur transmission costs and would be responsible for obtaining a power purchase agreement from the distant utility from which they wanted to sell power.

Although PURPA rates in Vermont, in 2015, were substantially more favorable than those existing in New Hampshire, no QF, either from New Hampshire or any other state, sought or obtained a QF contract in Vermont. The right may exist in theory, but the limitations of small QFs that I referenced earlier in my testimony limit the practical effect of

1 this right. A further comment, on Page 21, Lines 12 2 3 through 31, and Page 22, to Lines 1 through 3 of Mr. Shuckerow's testimony, asserts that "GSHA expressly 4 5 told the FERC", in a prior docket, "that in states 6 operating RTOs, and specifically in New Hampshire, the 7 LMP rate is an avoided rate sanctioned by the state for 8 purposes of [QF purchases]." I'd like to clarify the GSHA's 9 10 representations to the FERC in that docket did not 11 distinguish between the day-ahead and real-time rates 12 that are one of the subjects of this docket. 13 Mr. Norman, along with the changes that you just Q. 14 provided orally, if I were to ask you today under oath 15 the same questions as those contained in your prefiled 16 and your supplemental prefiled testimonies, would your 17 answers be the same? 18 Α. Yes. MS. GEIGER: Mr. Norman is available for 19 20 cross-examination. 21 CHAIRMAN HONIGBERG: All right. Other 22 than Mr. Bersak, who has questions for Mr. Norman? Does 23 anybody?

[No verbal response]

[WITNESS: Norman]

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                         CHAIRMAN HONIGBERG: All right.
                                                          Mr.
 2
       Bersak, you may proceed.
 3
                         MR. BERSAK: Thank you, Mr. Chairman.
 4
       Good morning, Mr. Norman.
 5
                         WITNESS NORMAN: Good morning.
 6
                         MR. BERSAK: Before we start, I would
 7
       like to mark as a next exhibit, if I can find the pile of
       papers here, the responses from Granite State Hydro
 8
 9
       Association to PSNH's data requests in this proceeding.
10
                         MS. GEIGER: Mr. Chairman, I'm going to
       object to marking those exhibits. We all met earlier this
11
12
       week, on Monday, and we identified the documents that we
13
       were going to premark. Mr. Bersak never indicated to any
14
       of the parties, including myself, that he was going to be
15
       marking anything in addition to the testimonies that have
16
       been premarked. So, I was not aware that he was going to
17
      mark all of GSHA's answers to data requests.
18
                         CHAIRMAN HONIGBERG: Mr. Bersak?
19
                         MR. BERSAK: I don't think it was a
20
       requirement for us to premark everything that we're going
       to submit, number one. Number two, I also was not aware
21
22
       that the witness was going to be changing his testimony
23
      here today, and he has added to his testimony today. So,
24
       I don't think that we're precluded in putting things into
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Norman 1 WITNESS:

1 the record to support our case.

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CHAIRMAN HONIGBERG: Ms. Geiger, I don't really know what discussions you all had on Monday. It would -- I think it is always possible to mark things in addition to what you came prepared to mark or had premarked, if things come up that you want to deal with. 7 I mean, I think -- I think, if there are things here that Mr. Bersak knew he wanted to cross-examine Mr. Norman on, 8 9 and some of these data requests go to those, I mean, I 10 haven't seen them, I have no idea what he's going to show him. But, if this is stuff that he knew he was going to use, and he chose not to do it, you may have -- you may 12 13 have a little bit of an argument. But I don't know that 14 yet, and I don't know what he's going to show. I don't 15 think, as a general matter, parties are required to show 16 everything.

Go ahead, Ms. Geiger.

MS. GEIGER: Mr. Chairman, obviously, this is not a criminal trial, and the rules of evidence do not apply. But I think it's been past practice, especially in this docket, where Parties went to great length, including myself, to mark each and every exhibit that I intended to use on Mr. Shuckerow for cross-examination. So, Mr. Bersak had the benefit of

[WITNESS: Norman]

knowing all of the documents ahead of time that I was going to be using with his witness. He did not extend to me the same courtesy.

I do not have any objection, if Mr.

Bersak wants to ask Mr. Norman questions on

cross-examination, using particular documents, one or two

or whatever he needs, from the answers that GSHA provided

to discovery. But, if he's going to mark all of their

answers en masse, then I do have an objection. Because, I

think, (a) he's cluttering the record, and (b) he's not

giving me an opportunity to understand the focus of his

examination.

CHAIRMAN HONIGBERG: Mr. Bersak.

MR. BERSAK: Yes, sir. I can represent that, at this morning, at the preliminary meeting that the counsel had, I was asked "how much cross-examination do I have for Mr. Norman?" My answer was "Between zero and 30 minutes, depending upon what happens on the stand." So, it was not until this morning that we made a decision whether we were going to cross-examine this witness or not, number one.

Number two, as far as trying to separate out one particular response, unfortunately, Granite State Hydro Association never really provided distinct responses

1 to our data requests. They gave us a blanket objection to 2 everything. And, the one response I need incorporates by 3 reference other things in the document. So, I couldn't 4 just extract it without giving the entire document. 5 But I am only going to ask about one 6 question, Question Number 11. 7 MS. GEIGER: And, if I could have a copy of that, I'd appreciate it. Because, based on my 8 9 understanding of what we did on Monday in premarking 10 exhibits, I was given to understand that none of Granite 11 State Hydropower Association's answers to data requests 12 were going to be premarked or introduced here. So, I did 13 not bring them with me. 14 (Document handed to Atty. Geiger.) 15 CHAIRMAN HONIGBERG: So, you have it 16 now. Mr. Bersak, are you representing to us that you only 17 just decided to mark all these exhibits based on what Mr. 18 Norman just said? 19 MR. BERSAK: We were discussing this 20 morning whether we were going to ask any cross-examination 21 questions of this witness, correct. 22 CHAIRMAN HONIGBERG: And, based on the 23 testimony that he offered, the supplemental information he

added to his testimony, and the other comments, the

1 responses to Mr. Shuckerow, that that's when you decided 2 to use these data responses? 3 MR. BERSAK: That's when we decided we 4 would ask cross-examination of this witness. 5 CHAIRMAN HONIGBERG: All right. Mr. 6 Bersak, you may proceed. Ms. Geiger, I understand your 7 objection. And, if you are aggrieved as a result, you know what you can do. 8 9 MS. GEIGER: No, Mr. Chairman. I just wanted to correct the record, and other parties can 10 11 correct me if I'm wrong, but I believe Mr. Bersak 12 indicated yesterday, at yesterday's session, that he was 13 going to have approximately between zero and 30 minutes of 14 questioning for Mr. Norman. 15 So, I don't believe that decision was 16 made for the first time this morning. I remember hearing 17 the timeframe of "30 minutes" yesterday. 18 MR. BERSAK: Well, I heard what you have to say, Attorney Geiger. But, I can tell you, this 19 20 morning was when we made the decision we're going to 21 cross-examine this witness. 22 CHAIRMAN HONIGBERG: Mr. Bersak has 23 represented what he's represented. I understand your

24

position, Ms. Geiger.

[WITNESS:

Norman 1 1 (The document, as described, was herewith marked as **Exhibit XX** for 2 3 identification.) 4 CROSS-EXAMINATION BY MR. BERSAK: 5 Good morning once again, Mr. Norman. You indicated, 6 Q. 7 during your direct examination, that you previously testified before this Commission in the original 8 restructuring docket, DE -- or, DR 99-099. Is it 9 10 correct that that restructuring case was ultimately resolved by the 1999 and later 2000 PSNH Settlement 11 12 Agreements? 13 Could you repeat your question please. Because --14 0. Sure. 15 CHAIRMAN HONIGBERG: Mr. Norman, stop. 16 Mr. Bersak, why don't you repeat your question. 17 BY MR. BERSAK: This morning, during your direct testimony, you 18 0. 19 indicated that you had previously testified before this

20

21

22

23

24

Α.

Commission in the original restructuring docket, DR 99-099. Isn't it correct that that restructuring case was finally resolved for PSNH by the 1999 Settlement Agreement?

{DE 14-238/DE 11-250} [Day 2 AM Session only] {02-03-16}

I don't have specific recall.

[WITNESS: Norman]

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1
     Q.
          But you did testify that the provision in the 2015
 2
          Settlement Agreement that's the subject of this
 3
          proceeding continues the exact same methodology as
 4
          contained in that 1999 Agreement, correct?
 5
          I did say that, based upon the statements that have
          been made in the 2015 docket, and also public
 6
 7
          statements, in which the assertion has been made that
 8
          those provisions, which I refreshed my memory on in
 9
          this docket, would be continued, yes.
10
          And, is it correct that none of GSHA's members
     Q.
11
          participate in ISO New England's day-ahead market?
12
          I don't know the answer to that question.
13
          If you can turn to what has been marked as the next
14
          exhibit, which was --
15
                         MR. FOSSUM:
                                      WW.
16
                         MR. BERSAK:
                                      What's that?
17
                         MR. FOSSUM:
                                      WW.
18
                         CHAIRMAN HONIGBERG: No, it's "XX".
19
                         MR. BERSAK:
                                       "XX".
20
                         MR. FOSSUM:
                                       "XX"?
21
     BY MR. BERSAK:
22
          "XX", which are the responses that Granite State Hydro
23
          Association gave to the data requests of Public Service
24
          of New Hampshire. If you could turn to Page Number 7,
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.

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1 and take a look --
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- A. I'm going to have to look, unless you provide me with a copy, I'm going to have to go into my notes.
- 4 Q. Take mine.

5 (Atty. Bersak handing document to

6 Witness Norman.)

- 7 BY MR. BERSAK:
- 8 Q. Here you go.
- 9 A. Thank you.
- 10 Q. Please take a look at Question Number 11 on that page.
- And, is it correct that Granite State Hydro was asked
- by Public Service of New Hampshire, 11, "Does Mr.
- Norman agree that a properly established avoided cost
- rate should produce a result that causes neither costs
- nor benefits to the purchasing utility's retail
- 16 customers? If not, please explain why."
- 17 | A. I believe that that is the case. And, I think the
- 18 testimony was offered yesterday, based upon what we
- understand has been presented as testimony, there would
- be no adverse effect. I say that, because, as we
- 21 understand it, Granite's -- the QF purchases by Public
- 22 Service are being used to offset the default service
- load from Public Service, which would mean that the
- avoidance of having to purchase that quantity of power

power and avoided the need for it.

[WITNESS:

would avoid the expenditure at a rate of 90 percent in the day-ahead market and 10 percent in the real-time market, having purchased and used that quantity of

Norman '

What really is resulting at this point is the fact that, per Mr. Shuckerow's testimony yesterday, with the ISO regulations, are providing that we're compensated only at a real-time rate. And, so, under that circumstance, as I understand the way in which power is being handled by Public Service, the QFs are actually subsidizing the retail customers, rather than penalizing them.

- Q. So, you dispute Mr. Shuckerow's testimony from yesterday, where he said that the output that Public Service Company of New Hampshire gets from your QF members does not offset, avoids day-ahead market purchases, but only real-time purchases?
- A. Based upon the testimony given by Mr. Frantz, based upon the response to a question that we asked, and based upon a review of the Default Energy Service filings that are made consistently by Public Service, they all consistently state that QF power is used to meet the default service load. If that is the case, what I don't understand is how, having purchased QF

[WITNESS: Norman]

power and used QF power, if that is available for subsequent resale into the ISO-New England market.

What I did understand Mr. Shuckerow's testimony to say yesterday was that, for rate purposes, not the quantity of energy that was purchased, that you were setting the value of the resale of whatever quantity might have been resold or settled in the real-time market at a real-time rate.

So, I'm frankly confused, based upon the inconsistency between what's shown in your Default Energy Service filings, what was said yesterday, and the assertion that the power is being resold in the real-time market.

- Q. So, let's suppose that at a moment in time that Public Service Company of New Hampshire had surplus energy, and that energy would be sold then back into the market. Do you agree with that?
- A. Well, in terms of surplus energy, the first thing I'd have to understand is where that surplus energy is arising from. It could arise from coal generation, biomass generation, hydro generation, or it could arise from QF purchases.
- Q. It could, but they're surplus. And, if there is surplus, at a moment in time, do you agree that surplus

WITNESS: Normanl

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Α.

1 would be sold back into the ISO-New England market at 2 the real-time price?

31

- To the extent that it was surplus, yes. Α.
- And, you can't -- like you said, you can't trace Q. electrons. However, if we paid your members an avoided -- a day-ahead price for a product in a market they can't participate in, and we wound up selling that same amount of energy into the real-time market, wouldn't there be a difference or a mismatch in price?
  - Not necessarily. Because there are variations between the planned generation of all of Public Service's generating resources, as well as the QF resources. And, as I've testified, quantity of QF power that we're talking about here is a very insignificant part of the overall generating mix. The data that was supplied to us, we requested the January 1, 2015 to June 3rd --June 20 -- June 30th, 2015 generation, indicated the QF purchases in that period were about 2 percent out of 98 percent. And, so, on a daily basis, an hourly basis, if there were a variation between, of any sort, between the planned QF generation and the actual generation, it would be very, very small.

We've actually reviewed the load data which Public Service provided. There are a number of

hours during the six-month period that we saw where the
amount of energy that was settled in the real-time
market was actually less than the QF generation. If
that's the case, then, during those hours, you would
have had a component of power for which Granite -- from
which Public Service realized a day-ahead rate, when we
were only paid the real-time rate.

- Q. The issue today really isn't the significance or how much output your plants have, it's what the appropriate avoided cost price is, correct?
- A. Well, I think that's -- that's an open question, Mr.

  Bersak. Because, when I read PURPA, and I read PURPA

  to refer to and state and reference that the

  "generating costs of the utility, plus its purposes" -
  "plus its purchases", I have a great deal of problem in

  reconciling the difference between the energy rate,

  which is incurred on a variable cost by Public Service

  in operating their coal plants and their wood plants,

  and the real-time price that they're receiving.

A further analysis of the data that you supplied to us --

CHAIRMAN HONIGBERG: Mr. Norman, do you remember the question Mr. Bersak just asked you?

WITNESS NORMAN: I guess I'd have to ask

WITNESS: Norman] 1 him to repeat please. 2 CHAIRMAN HONIGBERG: I'm not sure you 3 do. 4 WITNESS NORMAN: Okay. 5 CHAIRMAN HONIGBERG: Mr. Bersak, why 6 don't you try again. 7 BY MR. BERSAK: 8 I believe the question I asked was, the issue that's before the Commission today deals with the appropriate 9 10 pricing for mandatory purchase of QF power by PSNH 11 under the Public Utility Regulatory Policies Act, and 12 that calculation is not dependent upon the amount or 13 the significance of the amounts of output that has to 14 be purchased in the overall scheme of things, correct? 15 WITNESS NORMAN: Well, Mr. Chairman, I 16 apologize in the sense, the reason I was trying to answer 17 the question as I did is the fact, a question in my mind 18 at least, as to whether or not the generating costs of the 19 utility should at least be considered or form the basis of 20 the payment of power under PURPA, as compared to the real-time price at this point. That's why I was answering 21 22 as I did. 23 CHAIRMAN HONIGBERG: Okay.

24

BY MR. BERSAK:

[WITNESS: Norman]

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Q. To finish up my reference to one question in your data
request responses, Question Number 11, you do agree
that your response said that a proper avoided cost
price under PURPA would be one where there are "no
additional costs or benefits to the purchasing
utility's retail customers would be incurred", correct?
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- 7 A. Yes.
- Q. Do you have in front of you Exhibit HH, which was
   sponsored by Granite State Hydropower Association?
   That is the schedule of Vermont's Avoided Cost Rates.
- 11 A. I don't have that, no.
- 12 Q. But you are aware of that exhibit?
- 13 A. Yes, I am.
- 14 Q. You don't really need to refer to it.
- 15 A. Oh.
- Q. Isn't it true that, in Vermont, QFs do not sell their
  output under PURPA directly to individual utilities,
  but instead sell to VEPP, Inc., which is a nonprofit
  entity that acts under the Vermont Public Service Board
  as a purchasing agent for electricity in the State of
  Vermont?
- A. Yes. As a proxy for the direct purchase by utilities, because there are many small utilities, QF power is consolidated, and then redirected to the Vermont

35 Norman]

[WITNESS:

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1
         utilities.
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- 2 And, all the Vermont utilities then pay the same price Q.
- 3 for that avoided --
- 4 Α. Yes.
- 5 Q. -- price for that QF power?
- 6 Α. Yes.
- 7 And, each Vermont utility pays -- or, has to purchase Q.
- 8 its representative share, based upon each utility's
- 9 load in the state?
- 10 Yes. Α.
- 11 Is that the case in New Hampshire? 0.
- 12 Α. No.
- 13 Yesterday, you may recall there was a question Q.
- 14 regarding the applicability of the Commission's net
- 15 metering rules at PUC 900 to GSHA members. Do you
- 16 recall that?
- 17 Α. I do.
- 18 Q. Isn't it true that there are at least nine small hydro
- 19 generators in this state that are participating as net
- 20 metering hosts under the 900 rules?
- I don't know whether it's nine. I know there are some. 21
- 22 That's fine. Thank you. In your correction to Exhibit Q.
- 23 L, which is your supplemental testimony, on Page 5, I
- 24 believe you inserted a sentence that says something to

[WITNESS: Norman]

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1
          the effect of "PSNH's average generating costs in 2015
 2
          were 6.71 cents per kilowatt-hour, while the average
 3
          New Hampshire real-time locational marginal price for
 4
          the period was 4.02 cents per kilowatt-hour." Did I
 5
          get that correctly?
 6
     Α.
          Yes.
          And, you said that the numbers -- or, the number "6.71"
 7
     Q.
 8
          came from an exhibit that was proffered during
 9
          yesterday's testimony, is that correct?
10
          Yes.
     Α.
11
          Do you have that exhibit in front of you, I believe
     Ο.
12
          it's Exhibit II?
          This has the title "PSNH Self Generation Costs"?
13
```

- 14 That is correct.
- 15 Α. Yes.
- 16 Q. Now, I do not see a number of "6.71 cents per 17 kilowatt-hour" on this document. Does it appear in 18 this document anywhere?
- 19 It does. And, I think Ms. Geiger explained it Α. 20 yesterday, and it's the arithmetic average of "7.49", 21 which is shown in the second column, the period 22 "January through June 30th, 2015", "Total Self 23 Generating Costs", and the number "5.93", which is 24 shown in the fourth column, the period "July through

[WITNESS: Norman]

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December 2015", the arithmetic average, I believe it results at "6.71 cents".
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- Q. And, were you here yesterday when Mr. Shuckerow testified that the amounts that appear on Lines 2, which are the "Fossil/Hydro Operations & Maintenance, depreciation and taxes", on Line 2, and, on Line 3, "Return on Rate Base", are not avoided as a result of purchases from QFs?
- A. Yes.

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- 10 And, that the proper number, if you were going to refer Q. 11 to this document, would be the one on the top line, the 12 "Fossil Energy Costs". If you were going to do the 13 same mathematical exercise you just walked us through, 14 and add 3.24 and 2.31, from the fourth column over, and 15 divide that by two, do you agree that the number that 16 Mr. Shuckerow would accept as the right number is "2.77 17 cents per kilowatt-hour"?
  - A. No. I would request that I could respond, to clarify -- I would like to clarify my answer.

20 CHAIRMAN HONIGBERG: It is an odd
21 question, Mr. Bersak. You're asking this witness if
22 Mr. Shuckerow would have done something. So, I'm not -23 if you want to ask him what the arithmetic mean of 3.24
24 and 2.31 is, I'll bet he can do it.

[WITNESS: Norman]

1 MR. BERSAK: Okay.

- 2 BY MR. BERSAK:
- Q. Mr. Norman, if you were to add 3.24 and 2.31, and average them, what is the result?
- 5 A. Well, give me a minute. I need a calculator, right?
- 6 Q. Either that or a piece of paper and pencil, I think.
- 7 Long division still works.
- 8 A. I get "2.775".
- 9 Q. Exactly. Thank you. Finally, one last --
- 10 A. And, may I just say that what that is --
- 11 O. No.
- 12 CHAIRMAN HONIGBERG: Mr. Norman, there's
- 13 no pending question.
- 14 WITNESS NORMAN: Okay.
- MR. BERSAK: There's no question.
- 16 BY MR. BERSAK:
- 17 Q. Yesterday -- I'm going to finish up. Yesterday, there
- was a question from the Commissioners relating to "line"
- 19 losses". Isn't it true that any QF can ask PSNH to
- 20 conduct a line loss study for a nominal fee, and have
- 21 the result of that study used to adjust payments for
- those line losses?
- 23 A. They have the right to ask. I don't know what the
- nominal fee would be, or whether it would be nominal.

[WITNESS: Norman]

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1
    Q.
          And, some GSHA members have, in fact, had such studies
 2
          done by PSNH, correct?
 3
    Α.
          They have.
 4
                         MR. BERSAK: Thank you. No further
 5
       questions.
                         CHAIRMAN HONIGBERG: Just want to
 6
 7
       confirm that none of the other counsel out there have
 8
       questions for Mr. Norman?
                         [No verbal response]
 9
10
                         CHAIRMAN HONIGBERG: All right.
                                                          That's
11
       correct. Commissioner Iacopino?
12
                         SP. COMMISSIONER IACOPINO: No
13
       questions.
14
                         CHAIRMAN HONIGBERG: Commissioner
15
       Bailey?
16
                         COMMISSIONER BAILEY: I have a few.
17
    BY COMMISSIONER BAILEY:
          I'll ask you, Mr. Norman, why you think that the rate
18
     Q.
19
          that you just averaged to meet the 2.775 is not
20
          appropriate?
21
          Because it's a weighted average rate, and it does not
22
          value fuel costs. If you look at the variable costs of
23
          the wood plants, and you look at the variable costs of
```

the biomass plants, in terms of just the fuel that they

[WITNESS: Norman]

burn, what you'll find, and I would have to go back to try and -- I have some specific numbers. What you would find is that there are a number of hours during the Operating Period when Public Service is running its coal plant and running its biomass plant, and incurring a higher variable cost for those plants on an hourly basis than what is being paid in the real-time market.

And, if I look at the wording of PURPA, and I look at the utility's generating costs, it makes no sense to me that Public Service can run their plants, be under compensated for their variable costs on an hourly basis, and, yet, our QF plants are paid on a real-time basis.

- Q. Isn't that same thing true, though, when you average the numbers as you did?
- A. No, I don't believe that it is. In the sense that these are this is the form that is used by Public Service when they when they submit their default energy rate proposals, which are then reviewed and approved. And, it gives you an average rate over the six—month period. But ISO is not run in that way. It's run on an hourly basis. And, the bidding in and purchase of power is done on an hourly basis. And, so, to look at the result of averages I don't think is a

[WITNESS: Norman]

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1
          fair way of looking at the -- both costs and
 2
          compensation that should be incurred from QFs, which
 3
          are held to an hourly standard.
 4
          But that's what you're asking us to do, when you
     Q.
          modified your testimony to say "the average generating
 5
          costs in 2015 were 6.71 cents an hour" -- "a
 6
 7
          kilowatt-hour"?
          The point I was trying -- the point I was trying to
 8
     Α.
 9
          make is the fact that the energy rates, which are
10
          authorized and approved by the PUC, and then charged to
11
          the customers, are 50 percent more than what the --
          what the rates are that QFs are being paid right now.
12
13
          And, it goes all the way back to when PURPA was first
14
          enacted, and when these markets didn't exist, at a
15
          point in time when it was expected that PURPA would
16
          enable QFs to access a comparable market. We're in a
17
          hybrid period right now, in which, for all of the prior
18
          occurrences of building plants and operating plants,
19
          Public Service justifiably is recovering the approved
20
          returns, O&M costs, and whatever on investments that
21
          they make. And, I understand. That's what the
22
          regulated environment is.
23
                         But, with all the changes that have
```

evolved since 1999, we find ourselves in a position

[WITNESS: Norman]

which I just can't reconcile. I don't understand why a

QF, that is supposed to have access to an equivalent

market, is held to the standards to which it is held

right now.

And, what we're arguing about, I've put in my testimony, both the direct and supplemental testimony, is the fact that, on balance, or as a compromise, the one thing which we've been asking for is recognition for day-ahead rates, based upon the way the power is being used, based upon the significant difference that exists right now. And, --

- Q. So, it's a policy determination that you want us to make?
- A. I believe it -- I believe it is at least, in part, a policy decision, yes. And, I believe that the FERC has consistently, as it did in the New Orleans decision, indicated that there's great latitude to the state -- to the state utility commissions to basically take that into account.
- 20 Q. Okay. On Page 8 of your testimony, --
- 21 A. Is that the direct or supplemental?
- Q. The direct, which is Exhibit K. I know you're not a lawyer, but you refer to "RSA 369-B:3, IV(b)(1)(A)".

And, I could not find that. Maybe, perhaps Attorney

[WITNESS: Norman]

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1 Geiger could help us out.
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- A. I would have to ask Attorney Geiger.
- MS. GEIGER: Commissioner Bailey, that
- 4 may be a typographical error. That is -- hmm, I don't
- 5 have the RSA in front of me. But, just from memory, I
- 6 know that there may be a little baby (a) that may be
- 7 missing from that cite.
- 8 COMMISSIONER BAILEY: Oh, I found it.
- 9 Never mind.

- MS. GEIGER: Is there a lower case (a)
- 11 that should go after the "3"?
- 12 COMMISSIONER BAILEY: No, it's right. I
- think I must have been looking at VI this morning when I
- 14 tried to find the reference.
- MS. GEIGER: Okay.
- 16 BY COMMISSIONER BAILEY:
- 17 Q. All right. Can you look at Page 4? Of your direct
- 18 testimony, right. Can you tell me what you think the
- 19 term "incremental cost" means?
- 20 A. This is on line -- line what, please?
- 21 Q. Well, I'll get you there. But, actually, you talk
- about "incremental cost" on Page 5.
- 23 A. I think that, at the time that PURPA was drafted, the
- definition of "incremental cost", at least as it was

[WITNESS: Norman]

used in New Hampshire to establish rates or rate

orders, was the avoided cost of the next generating

unit, which was Seabrook.

Q. Right. But now we don't have generation --

A. And, we don't have it anymore. And, that's why, in this instance, we believe that the day-ahead and real-time markets are interrelated, and that you should take into account the fact that you cannot have one rather than the other. And, so, to us, it would be either the — it would be the proportional participation in the day-ahead and real-time markets.

With respect to hydro QF generation, it's quite predictable over short periods of time. This is another data request we made of Public Service. We haven't put it in the record. But our run-of-river plants run in the same way that Public Service's do. We have rain today. We know our generation is going to increase as the watershed comes up. And, once the watershed is full, you have a gradual decline in water flow. And, so, from hour-to-hour, your generation is quite predictable, as it is from day to day.

Recognizing what Mr. Shuckerow said yesterday, and that is that you may have plant outages and the like that are unscheduled. But, basically, the

[WITNESS:

Norman '

1 run-of-river plants that QFs have are very, very

2 similar, albeit much smaller.

- Q. I understand that. But, if we didn't get the rain today that was expected yesterday, and PSNH had a shortage in its supply, the incremental cost to get more power as needed today would be the real-time price, right?
  - A. It would depend upon its day-ahead and generating plans, time of year, load. And, yes, they would have the same opportunity, as we do, to predict what was going to be generated in the next day. But, if there were shortages, you'd go to the real-time market, as they say.

But, again, it's -- there's a high variability. We've gone back and analyzed all of the hours in the six-month period. And, you get some very, very different answers, depending upon where you are in the generating period. Whether it's cold, whether it's hot, ISO load, whether we've had a dry spell or whether we've had a wet spell. But, basically, ultimately, you go to the real-time market.

But where we have our confusion is, they are saying that they're using our power to meet their load. And, if they are, then it's there, and they have

[WITNESS: Norman]

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a source of information upon which to make a very
educated projection of the amount of power that the QFs
will produce on the subsequent day.
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- Q. Okay. Let's look at the direct testimony, Page 4, Line 29 and 30.
- 6 A. Yes.
- 7 Q. And, this is -- I think this is a PURPA regulation that you're reciting here?
- 9 A. Yes.
- Q. And, it says that the QF price, basically, "must not discriminate against QFs" and "must not exceed the incremental cost to the electric utility of alternative electric energy".
- 14 A. Yes.
- 15 Q. Is that the rule that we need to interpret?
- 16 A. I believe it is, putting aside whether there are policy
  17 considerations as well.
- Q. Can we -- can we apply our policy considerations, when we're -- well, this is -- I guess, this is a legal argument.
- A. Well, I guess, the simple answer I'd say, for
  incremental cost, is that we're arguing that you need
  to consider both, you should and need to consider both
  the day-ahead and real-time market, not just the

[WITNESS: Norman]

real-time market, given what --

Q. But this says -- this says we "must not exceed

- incremental cost"?

  A. But, if you define "incremental cost" as a daily cost,
- as a daily cost or an hourly cost, it's composed of
  both a day-ahead component and a real-time, real-time
  component.
- Q. Okay. All right. All right. On Page 8 of your

  supplemental testimony, you're talking about using the

  day-ahead pricing until the generic -- for the generic

  period until avoided cost rates are established in the

  generic docket -- strike that.

In the period after divestiture, --

14 A. Yes.

- 15 Q. -- is there any reason not to pay the Default Service

  16 rate that they bid in the -- that they receive as a bid

  17 in the market when they're buying energy for their own

  18 customers?
- 19 A. Yes. As I've indicated, I've become a little -- at
  20 least a little bit more educated in the process here.
  21 And, Public Service has put some testimony in. And,
  22 there are components that are included in the default
  23 service bid, which cannot be -- which cannot be
  24 provided by QFs. And, I concede that, Granite State

[WITNESS: Normanl 1 concedes that. But there are other components of the bid which we do think should be recognized. And, we --2 3 I have indicated that, given the ruling -- given the ruling in the rulemaking request, it was our 4 5 understanding that that would be addressed in a 6 subsequent -- a subsequent docket. 7 Okay. So, we'll save that for another day? Q. 8 Unfortunately, yes. Α. COMMISSIONER BAILEY: All right. 9 Thank 10 you. That's all I have. Thank you. 11 CHAIRMAN HONIGBERG: Mr. Norman, my 12 questions are largely legal questions that I think the 13 lawyers will be answering in writing. So, I don't have 14 anything specific for you. 15 Ms. Geiger, do you have any further 16 questions for your witness? 17 MS. GEIGER: May I have a moment to 18 consult with him please? 19 CHAIRMAN HONIGBERG: Sure. 20 (Atty. Geiger conferring with Witness 21 Norman.) MS. GEIGER: I have nothing further, Mr. 22 23 Chairman. Thank you.

CHAIRMAN HONIGBERG:

All right.

Mr.

49 Dolan~Allegretti] [WITNESSES: 1 Norman, you can return to your seat. Thank you very much. 2 WITNESS NORMAN: Thank you. 3 CHAIRMAN HONIGBERG: Next witnesses I 4 believe are from NEPGA, is that right, Ms. Holahan? 5 MS. HOLAHAN: NEPGA and RESA. 6 CHAIRMAN HONIGBERG: NEPGA and RESA, 7 okay. 8 (Whereupon **Dan Dolan** and 9 Daniel Allegretti were duly sworn by the 10 Court Reporter.) DAN DOLAN, SWORN 11 12 DANIEL ALLEGRETTI, SWORN DIRECT EXAMINATION 13

#### 14 BY MS. HOLAHAN:

- 15 Good morning, gentlemen. Mr. Dolan, would you please 16 state your name and title for the record please.
- 17 Α. (Dolan) Dan Dolan, President of the New England Power 18 Generators Association.
- 19 And, for whom are you testifying today? Q.
- 20 (Dolan) On behalf of the New England Power Generators Association, as well as the Retail Energy Supply 21
- 22 Association.
- 23 Mr. Allegretti, would you please state your name for 24 the record.

## [WITNESSES: Dolan~Allegretti]

- 1 A. (Allegretti) Daniel Allegretti.
- 2 Q. And, your title?
- Affairs East, with Exelon Corporation.
- 5 Q. And, for whom are you testifying today?
- A. (Allegretti) I am also testifying today on behalf of RESA and NEPGA.
- 9 Q. Mr. Dolan, did NEPGA and RESA file joint testimony supporting the Settlement Agreement on or about July 10 17th, 2015?
- 11 A. (Dolan) Yes, we did.
- 12 Q. And, that testimony has now been marked as "Exhibit R".
- Mr. Dolan, would you please briefly summarize your
- joint testimony.
- 15 A. (Dolan) Absolutely. Our testimony briefly summarized
- the basis for divestiture under restructuring, and the
- 17 lead-up to the current docket and the settlement
- 18 negotiations, NEPGA and RESA's strong support for
- divestiture to end the bifurcated market in rate-base
- generation, and summarize our engagement in the
- 21 settlement negotiations, and both NEPGA and RESA's
- 22 actions as initial signatories and strong support for
- 23 the Settlement focused on goals of shifting risks away
- from consumers and market participants, as well as

[WITNESSES: Dolan~Allegretti]

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providing further transparency and competition to serve default customers in a restructured market.
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- Q. Mr. Dolan, on or about October 28th, 2015, did NEPGA and RESA withdraw from the Settlement Agreement?
- 5 A. (Dolan) We did.
- Q. And, did NEPGA and RESA jointly file a notice to that effect with the Commission?
- 8 A. (Dolan) Yes.
- 9 Q. Mr. Allegretti, can you please address changes in your
  10 testimony, and explain why NEPGA and RESA withdrew its
  11 support for the Settlement Agreement?
- 12 (Allegretti) Certainly. NEPGA and RESA continue to Α. 13 stand by the statements in our testimony in support of 14 asset divestiture. But, in support of that 15 divestiture, we also made statements, such as the 16 statement on Page 15, that "It completes the move to a 17 fully-competitive generation marketplace fulfilling the 18 commitment made over a decade ago with restructuring, a 19 basis on which competitive power generators invested 20 here in... New England."

21 We also make the statement in our 22 testimony on Page --

23 CHAIRMAN HONIGBERG: And, if you're going to read it, Mr. Allegretti, read it slowly.

[WITNESSES: Dolan~Allegretti]

WITNESS ALLEGRETTI: Will do. Thank
you, Mr. Chairman.

### BY THE WITNESS:

A. (Allegretti) On Page 11, that "through divestiture the investors, not consumers, bear the risk of capital investment. This is the most compelling reason to move forward with divestiture."

I think NEPGA and RESA are concerned that we may have overstated the case for the completion of restructuring through the Settlement, and that it may not fully attain those goals as outlined in our testimony. But we are — continue to be supportive of the asset divestiture as a very positive and helpful move in that direction.

But the potential for additional stranded costs in the future, and the misalignment of incentives in the future, is certainly a possibility under commitments that are not prevented under the Settlement Agreement as it was filed with the Commission.

Specifically, we filed a motion in September in which RESA and NEPGA detailed that the Public Service Company of New Hampshire, or its parent, Eversource, on August 18, 2015, announced that it had

entered into a 20-year firm power purchase agreement with Hydro-Quebec. We understand that may not be an executed agreement. We sought additional discovery on the issue, which the Commission declined to allow.

But we remain concerned that future power purchase agreement commitments for fixed quantities of power could create stranded costs in the future that could impede restructuring. And, we felt compelled to withdraw from the Settlement Agreement, in order to draw the Commission's attention to this important issue.

Nevertheless, we do continue to support the various aspects of the Settlement Agreement that would lead to a full asset divestiture.

#### BY MS. HOLAHAN:

- Q. Mr. Allegretti, other than the reasons set forth in the withdrawal notice, and your testimony today, and the exhibit you just referenced -- excuse me, the motion you just referenced, are there any other changes to your testimony?
- A. (Allegretti) Only to indicate, the testimony does indicate that we support the Settlement Agreement. I think, as we indicated subsequently, we did file a letter with the Commission withdrawing our support.

[WITNESSES: Dolan~Allegretti]

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1
          So, I would correct that.
          Mr. Dolan, other than the reasons set forth in the
 2
     Q.
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          withdrawal notice and the motion, and those that have
          been discussed on the stand today, do you have any
 4
 5
          other changes to your testimony?
          (Dolan) No, I do not.
 6
 7
                         MS. HOLAHAN: Thank you. The witnesses
 8
       are available for cross.
                         CHAIRMAN HONIGBERG: All right.
 9
10
       Bersak, do you have questions for the witnesses?
11
                         MR. BERSAK: No questions. Thank you.
12
                         CHAIRMAN HONIGBERG: Mr. Irwin?
13
                         MR. IRWIN: No questions. Thank you.
14
                         CHAIRMAN HONIGBERG: Does anybody have
15
       questions for the witnesses?
16
                         [No verbal response]
17
                         CHAIRMAN HONIGBERG: None of the counsel
18
       are indicating that they do. All right.
19
                         Commissioner Iacopino, do you have
20
       questions?
21
                         SP. COMMISSIONER IACOPINO: Just one.
22
    BY SP. COMMISSIONER IACOPINO:
          When you originally showed your support for the
23
24
          Agreement, did you not expect that Public Service would
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1 engage in power purchase agreements?
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- A. (Allegretti) We certainly anticipated that the Public Service Company of New Hampshire would procure default service for the benefit of its default service customers through wholesale contracts. We anticipated that they would be a full-requirement, load-following service, along the lines described by Mr. Shuckerow.

  And, we did not anticipate that the Public Service Company of New Hampshire going forward would make commitments for fixed quantities of power, not tied to the provision of default service, or that they would make any investments in generation assets on a going-forward basis, and seek recovery through non-bypassable charges.
- Q. So, essentially, you consider the Northern Pass

  Transmission Project to be a generation project?

  That's the way you're looking at it?
- A. (Allegretti) A purchase of a fixed quantity of power across that facility certainly has a different potential to create a huger stranded cost than a full-requirement, load-following service contract, in which the risk of a change in quantity is on the supplier. When you deal with a fixed quantity, that has a different implication for incentives in

56

1 restructuring than the type of default service 2 procurement that we anticipated would take place under 3 the Settlement Agreement going forward. (Dolan) And, Commissioner, if I may? The basic concern 4 Α. 5 is further long-term obligations that the consumer is 6 bearing the costs and the risks for that are entered 7 into by the utility without a specific policy direction. And, another example is, beyond the default 8 9 customer obligations that Mr. Allegretti noted, 10 certainly we see, both in New Hampshire, as well as the 11 Eversource sister utilities in other states, do enter into some long-term PPAs. But it is at the specific 12 13 direction of the Legislature, for example, for 14 Renewable Portfolio Standard purposes, or it's specific 15 direction from the Public Utilities Commission. 16 What came to light, and therefore led to 17 the withdrawal from the Settlement by our organizations 18 is something that is completely different from that. MR. BERSAK: If I may, Mr. Chairman? 19 20 May I remind the Commission that this Commission has ruled 21 that it is premature for us to address a hypothetical

CHAIRMAN HONIGBERG: Actually, no, that wouldn't be appropriate for you to do right now. I mean,

PPA's effect on the Settlement Agreement. And, that's --

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# [WITNESSES: Dolan~Allegretti]

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1
       I appreciate the comment. But, right now, we're
       interested in hearing from these witnesses about their
 2
 3
       position.
 4
                         It may be appropriate in a few moments
 5
       for you to do that. But, right now, I think it --
 6
                         MR. BERSAK: In that case, I withdraw.
 7
                         CHAIRMAN HONIGBERG: All right. Thank
 8
       you, Mr. Bersak. I'm sorry, Commissioner?
 9
                         SP. COMMISSIONER IACOPINO: No other
10
       questions.
11
                         CHAIRMAN HONIGBERG: All right.
12
       Commissioner Bailey, do you have questions for the
13
       witnesses?
14
                         COMMISSIONER BAILEY: Yes. Good
15
       morning.
16
                         WITNESS ALLEGRETTI: Good morning.
17
    BY COMMISSIONER BAILEY:
          I'm not sure what you said at the end of your direct.
18
     Q.
19
          Are you in support of the Settlement or you are not in
20
          support of the Settlement?
21
          (Allegretti) I think it's fair to say that we are in
22
          support of the divestiture of the assets. But we are
23
          not a signatory to or supporter of the Settlement
24
          Agreement at this time.
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[WIINESSES: DOIAN ATTEGREECE

- 1 Q. But your testimony --
- 2 A. (Allegretti) Otherwise stands.
- Q. -- is in support of approving the Settlement? Yes,
- 4 because that's what we have to decide.
- 5 A. (Witness Allegretti nodding in the affirmative).
- 6 Q. Okay.
- 7 A. (Allegretti) Well, to answer the question, we would
- 8 certainly support an order of this Commission that
- 9 leads to the divestiture of the assets.
- 10 Q. Okay. And, if this Commission were to make that
- determination, could you tell me how that approval
- would affect the economy? Would it have any impact on
- the economy, from your business perspective?
- 14 A. (Dolan) From our standpoint, it would move New
- 15 Hampshire into a situation in which it has the
- advantage of using a fully competitive process, to both
- supply wholesale power, as well as then procuring
- 18 default service for consumers. And, by doing so, it
- 19 supports competitive investments within the state, in
- 20 the form of new generation, upgrades and improvement at
- existing facilities, and doesn't undermine those
- economic investments and having to compete in a
- 23 unbalanced playing field, with facilities that get
- 24 guarantied rate base, cost recovery, as well as rates

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of return that don't come through the marketplace.

And, in that sense, would strongly move New Hampshire

forward and benefit consumers from a more reliable and

competitive system overall.

- (Allegretti) I think that I would only say, from the retail perspective, I don't know that I can speak to the broader economy. But, certainly, the functioning of the competitive retail electricity marketplace within the State of New Hampshire would be improved. And, as we detailed in the testimony, where the provision of default service is tied to the existing assets, there's a misalignment of incentives for the utility, between managing the revenue necessary to pay for the cost of those assets, versus facilitating a competitive environment in which third parties serve those customers. And, I think better aligning those incentives will help to bring about the level of competition and innovation that retail restructuring promised. So, in that sense, I think it represents an economic improvement and a step forward, at least for the retail electricity marketplace within the state.
- Q. Thank you. Do you think -- what do you think the impact on PSNH customers will be?
- A. (Dolan) It would end the cycle of risk of having to

1 bear the burden from potential investments made, either at existing facilities or potential new facilities, in 2 3 a rate-base manner, in which those costs are borne by a 4 small and potentially smaller rate base, as customers 5 take advantage of the retail marketplace and 6 potentially leave. So, it would ensure that those 7 customers get a fully competitive price and offering, 8 with the risks and the costs associated with those 9 facilities borne by the suppliers themselves, and not 10 by the customer base.

Q. Do you think -- do you think that the competitive market will provide more choice for the residential class of customers as a result of this?

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- A. (Allegretti) I think this will certainly improve the environment for competitive suppliers to make residential retail offerings in New Hampshire.
- Q. Okay. Do you think that the improvement in the competitive market would provide employment opportunities in New Hampshire within competitive generators?
- A. (Dolan) Certainly, as -- assuming divestiture moves forward, and there are new owners of the facilities, what we are seeing in the wholesale marketplace is the first real build cycle and investment cycle in close to

a decade in New England. As older facilities retire, new facilities come on, and the construction, and the permanent employment at those facilities follow along with it. And, what we've also seen is that the individual sites of some of these facilities are being reused for new facilities.

And, a great example is what's going on right now at the Salem Harbor power station in Massachusetts, where an older coal and oil facility has been retired and torn down, and right now a new natural gas combined-cycle is under construction and development.

And, certainly, as we see more of some of the older facilities retired and brought down, creating an environment in which any new investor can come in and make the investment and develop a new facility does offer additional employment, both from a construction standpoint and then within the power generation facility, for decades into the future.

- A. (Allegretti) That would be the answer with regard to the wholesale competitive market. To the extent that it produces increased retail opportunities may also generate increased employment.
- Q. Thank you. Do you see anything in the Settlement

[WITNESSES: Dolan~Allegretti]

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Agreement that would allow PSNH to seek recovery of stranded costs of a power purchase agreement that doesn't exist today?
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- A. (Dolan) We don't believe so. And, that was why we were initial signatories of the Settlement. But it's based on public statements that we've heard from the utility, as well as its affiliate in Northern Pass, that gave us great concern and pause, which was why we made the motion initially for questions on discovery. And, ultimately, when the Commission chose not to go down that path, we felt it was in our best interest to remove ourselves from the Settlement Agreement.
- Q. That haven't made public statements that they expect to have stranded costs as a result of any new PPAs, have they?
- A. (Dolan) And, yet, any time you have a PPA, I think there is the potential for the stranded costs with that.
- Q. And, we would probably talk about that, if we were to receive a petition to approve such PPA, and then you guys would come and talk about that, right?
- 22 A. (Allegretti) We would hope.

23 COMMISSIONER BAILEY: Okay. I think 24 that's all I have. Thank you very much.

BY CHAIRMAN HONIGBERG:

- Q. I'm in the same place that I think Commissioner Bailey is. Is there a provision you're looking for in an order otherwise approving what's before us? Are you asking that we somehow say "And don't even think about bringing a long-term PPA to us that might result in stranded costs"? I mean, there's a whole other process for that, isn't there?
- A. (Allegretti) Well, I think it's important for the

  Commission to detail the reasons for which it chooses
  to approve the Settlement Agreement. And, if, in doing
  so, you make clear that there is a public policy
  benefit in moving the risk away from captive
  ratepayers, and putting it onto investors' generation
  and fostering a better alignment of the incentives
  between the utility and retail competitive suppliers,
  those types of -- that type of reasoning would
  certainly be very helpful in indicating the
  Commission's thinking on these policy issues. And, I
  think would certainly shape arguments that we would
  make in the future, should a proceeding such as the one
  suggested by Commissioner Bailey arise.
- A. (Dolan) But I would also add that, as is included within the Settlement Agreement, in which there is

# [WITNESSES: Dolan~Allegretti]

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          discussion of how future default service is procured
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          and moves forward, that within any order that approves
 3
          divestiture, our hope would be that the Commission
          would also order that, therefore, default service
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 5
          customers receive their power and their supply in an
 6
          open, competitive manner.
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                         CHAIRMAN HONIGBERG: Okay. I see where
       you guys are. I don't think I have any other questions
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 9
       for you.
10
                         Ms. Holahan, do you have any further
11
       questions for your witnesses?
12
                         MS. HOLAHAN: I do not.
13
                         CHAIRMAN HONIGBERG: All right,
14
                   Thank you very much.
       gentlemen.
15
                         WITNESS ALLEGRETTI: Thank you.
16
                         CHAIRMAN HONIGBERG: You can return to
17
       your seats. Off the record for a minute.
18
                         [Brief off-the-record discussion
19
                         ensued.]
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                         CHAIRMAN HONIGBERG: We'll go on the
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       record. But we're going to take a short break. We'll be
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      back at 25 minutes to 12:00.
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                         (Recess taken at 11:21 a.m. and the
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                         hearing resumed at 11:40 a.m.)
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                         CHAIRMAN HONIGBERG: All right.
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       panel we have in front of us has been characterized as the
 3
       "rate design panel". So, who's going to be taking the
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       lead for counsel and getting us started? Mr. Bersak, will
 5
       you be doing that?
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                         MR. BERSAK: I believe that all the
 7
       witnesses have been previously sworn, with the exception
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       of the two senators. And, I thought that Attorney Aslin
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       was going to take care of that for them.
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                         CHAIRMAN HONIGBERG: All right. Well,
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       actually, let me do one thing, before we do that.
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                         Mr. Bersak, there was something you
13
       wanted to share with us when Mr. Dolan and Mr. Allegretti
14
       were on the stand. Is there something you -- you wanted
15
       to say something, and I stopped you.
16
                         MR. BERSAK: No.
17
                         CHAIRMAN HONIGBERG: No?
18
                         MR. BERSAK: No, we're fine.
19
                         CHAIRMAN HONIGBERG: All right.
20
                         MR. BERSAK: Let's proceed.
21
                         CHAIRMAN HONIGBERG: All right.
22
      Aslin. Are you looking for -- you want the witnesses, the
23
       rest of the witnesses to be sworn? I am a little confused
24
       as to who is taking the lead.
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# [WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

1	MR. ASLIN: I believe that four of the
2	witnesses were sworn in yesterday, but that the senators
3	had not yet been sworn in. So, they should probably be
4	sworn in.
5	CHAIRMAN HONIGBERG: All right. So,
6	Mr. Patnaude, why don't you take care of that for us.
7	(Whereupon <b>Jeb Bradley</b> and <b>Daniel Feltes</b>
8	were duly sworn by the Court Reporter,
9	joining a witness panel along with
10	Eric H. Chung, James J. Brennan,
11	Thomas C. Frantz, and John Antonuk who
12	were previously sworn.)
13	CHAIRMAN HONIGBERG: And, so, Mr. Aslin,
14	are you going to go first?
15	MR. ASLIN: Yes. As a courtesy to the
16	senators, since they're not represented by counsel, I
17	thought I could ask them the initial questions to get them
18	on the record.
19	CHAIRMAN HONIGBERG: All right. Why
20	don't you go ahead.
21	JEB BRADLEY, SWORN
22	DANIEL FELTES, SWORN
23	ERIC H. CHUNG, PREVIOUSLY SWORN
24	JAMES J. BRENNAN, PREVIOUSLY SWORN

Bradley~Feltes~Chung~Brennan~Antonuk~Frantz] [WITNESSES: THOMAS C. FRANTZ, PREVIOUSLY SWORN 1 JOHN ANTONUK, PREVIOUSLY SWORN 2 3 DIRECT EXAMINATION BY MR. ASLIN: 4 5 Q. Good morning, Senators. Senator Feltes, I'll start 6 with you. If you could please state your name for the 7 record. (Feltes) Dan Feltes. 8 Α. And, in what capacity are you testifying here today? 9 10 (Feltes) State Senate District 15, and a signatory to Α. 11 the Settlement Agreement. 12 Thank you. And, have you previously testified before Q. 13 the Commission? 14 (Feltes) I've not testified, although I have, you know, 15 in a prior capacity, appeared before the Commission in 16 different dockets. 17 And Senator Bradley, could you state your name for the Q. 18 record please. 19 (Bradley) Good morning, Chris. Jeb Bradley, Senate Α. 20 District 3. 21 Thank you. And, have you previously testified before Q. 22 the Commission?

that would have been the 2000-2001 timeframe.

(Bradley) Yes, I have. In the restructuring docket,

23

24

Α.

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

- Q. Thank you. Senators, you submitted testimony in this docket on July 10th, the direct testimony, that's been marked as "Exhibit O", and, on November 23rd, the rebuttal testimony that's been marked as "Exhibit P".

  Do you have that testimony in front of you?
- 6 A. (Feltes) Yes.
- Q. And, is that the testimony that you'd like to adopt today as part of your testimony for this record?
- 9 A. (Feltes) Yes.

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23

- 10 Q. Thank you. Do you have any corrections or additions to that testimony?
- 12 A. (Feltes) No. Other than the -- in the rebuttal

  13 testimony, we, you know, by agreement, grayed out some

  14 of the testimony. But that's part of what's been

  15 filed, so --
- Q. Great. And, with that, I guess to start the panel off,
  I would just ask the Senators to give a brief summary
  of their position on the rate design issue, which is
  the topic of this panel.
  - A. (Feltes) I'd be happy to, and then Senator Bradley as follow-up. We support this Settlement as a global resolution of all the issues, rate design was a component of the Settlement, and an important consideration of the global Settlement. As part of

rate design, rate design, in our view, helps to also "consider" the economic impacts in PSNH's service territory. And, you'll hear more testimony about the REMI model and it produces jobs across industries. You'll hear more testimony about that later on.

But, in terms of the economic impacts, I would just encourage folks also to consider, and the Commission to consider, the -- not just the customer savings, in terms of the impact, economic impact, but also the provisions relative to the municipal property tax stabilization portion, which is important for the economy in PSNH's service territory.

And, then, also attached as "Appendix B" to the initial Settlement filing is comprehensive worker protections for PSNH generation workers, to help with the process of moving to a more competitive market.

And, when we talk about the ability to attract and retain across industries, in terms of the rate design, if the rate design produced a equi-proportional outcome, it would have even more benefits to the residential rate class, which would, obviously, benefit consumer purchasing power and retail jobs and that kind of thing.

# [WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

But the rate design proposed is reasonable in light of a number of factors. Including the fact that, as the REMI modeling shows, there's jobs produced across industries, not just in on retail, but LNG, manufacturing, high-tech. But, also, it's important in terms of, not just REMI modeling, but, you know, that's a quantitative output, it's important to consider qualitative input in the rate design, too.

And, specifically, I'll point the

Commission to Attachment A of our rebuttal testimony,

which is the letter from the Business & Industry

Association, President Jim Roche.

And, I'll just read slowly just a couple of sentences here. And, the BIA ultimately supported Senate Bill 221. And, it says: "Our support specifically relied upon the proposed rate design that the Settling Parties including in the final settlement, and which was understood by the BIA and the Legislature as a key component to reduce the impacts of stranded costs on Eversource's commercial and industrial customers. It is important to recognize that commercial and industrial ratepayers drive New Hampshire's economy."

I can't emphasize enough the

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

consideration by the Legislature, in terms of the rate design, as an important component of moving forward. You know, and I think that, if you look at some of the suggestions on rate design and how things are allocated amongst business classes, I think it's also important to note that the BIA doesn't just represent LG customers. They represent a lot of business customers in different classes. And, the amount of time and effort and meetings, Senator Bradley and myself, with BIA Board, with ultimate stake -- many stakeholders, chambers of commerces, for the BIA to support the rate design, when it, you know, represents multiple business classes, I think says something about how delicate this rate design portion of the Agreement is.

And, so, I would respectfully submit to the Commission to, you know, not pluck out the rate design out of the Settlement Agreement and make adjustments to it. I would encourage the Commission to consider it as part of the global Settlement. That's the way all the parties looked at it, as part of a global Settlement. And, I would respectfully submit that that Settlement is in the public interest and encourage the Commission to approve it.

CHAIRMAN HONIGBERG: Senator Bradley,

1 you want to add something?

WITNESS BRADLEY: Thank you very much,

Commissioners. Good morning, everybody. A pleasure to be

here.

#### BY THE WITNESS:

A. (Bradley) The Settlement is a settlement, it's a global Settlement. Nobody ever gets everything that they want. It's a compilation of a number of different compromises to get to "yes".

The rate design, I can attest to what my good friend from Concord just indicated, was essential for the support in the Legislature of my bill, Senate Bill 221. Had it not been for the rate design issue that we negotiated as the Settlement Team, and then went to and advocated for the balance of the process through, in particular, in the House, but also in the Senate, without the rate design that had the support of the business community, I don't think any of us would have been here today. So, to change that, would totally change the dynamics of the Settlement.

So, why are businesses, you know, supportive of the Settlement? Well, I know we're the center of the political universe, but -- right now, and it's all political ads right now, but back up not that

long ago, and the BIA was on television and on radio touting the high cost of energy as a significant impediment to job growth and the ability to some of the largest blue chip firms in the State of New Hampshire to be able to remain here. And, it's not just that a BAE Systems, or any company like BAE, could easily pick up and relocate. What is more likely to happen, especially in companies that have a presence in New Hampshire, but have a presence in multiple other states, is the next unit of production increases is not going to be in New Hampshire.

And, it's -- unfortunately, we're a high-cost state in a lot of ways. We have high health care costs, we have high workers' comp costs, we have high business taxes. But Senator Feltes and I hear all the time, the single worst problem of the big four is high electric rates. Because we are, for any number of reasons, as high as we are, to have the business support for this Settlement at this rate design, I think is indicative of the fact of how important the rate design is and how important the Settlement is that we move forward, get the divestiture behind us, the end of the half-in-one-world/half-in-another-world of deregulation partly. With this Settlement, we do that.

# [WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

We implement fully competition, and we allocate the stranded costs in a way that is fair to residential customers, because they're going to see lower rates as a result of this, but, in particular, protects the most vulnerable segment of our economy, those large businesses that have choice. And, guess what, residential customers need jobs. Thank you.

CHAIRMAN HONIGBERG: Mr. Aslin, are the other -- are you and the other Settling Parties then going to follow up with your witnesses who are here? I know they have all been sworn, they have already adopted their prefiled testimonies. So, they don't need to do that.

MR. ASLIN: Great. I guess I'll pose a single question to the panel.

# BY MR. ASLIN:

- Q. If anyone else has additional comments that they think are necessary, in regard to rate design, before we open it up to cross, this would be the opportunity?
- A. (Antonuk) No. I think, for my part, I'd just underscore agreement with what's been said, and the importance of building the consensus it took to get to this stage. That it's two major bodies in this state have to act, and, unfortunately, they have to act in sequence. The Commission has to go first or the

# [WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

Legislature has to go first. I think what you need to realize here is, because the legislation led, there were certain arrangements, certain understandings that were made.

And, while we certainly respect the power of the Commission to exercise its judgment at this point, I think it's important to realize that, when you have a sequenced arrangement like this, that, for the second body to undue a part of what the first body did, has repercussions, I think, for the ability to kind of work through these sorts of processes in the future, when you have two separate entities that have to act. Both of which have had to act independently, and, unfortunately, can't all sit behind the same bench at the same time and make a concurring decision.

MS. ROSS: I would like to propose a question to my witness, if that's appropriate?

And, he looks like he's eager to say something. So, your timing was propitious.

CHAIRMAN HONIGBERG: It is, Ms. Ross.

# BY MS. ROSS:

Q. Well, let me just frame up what I would, and I'm sure he'll address this, but I just want to point us to the statutory language in Senate Bill 221. And, I'll read

it, because it's short. "The Commission may incorporate rate designs that fairly allocate the cost of divestiture of PSNH's generation plants among customer classes."

And, I would like to ask Tom, in his sort of general summary comments, to address the "fairness" concern with regard to rate design.

A. (Frantz) Well, I'll start by saying that, to an economist, often there's ways to look at "fairness", but, to many others, "fairness" is in the eye of the beholder.

That said, I do think this is a fair rate design. I think that it incorporated the positions of numerous parties, as the senators have just said, and Mr. Antonuk elaborated on. I think, based on the history of restructuring in New Hampshire and migration, and the customers that were in the market and really weren't taking retail default service from the Company, I think there was some expectation about those costs. And, I think that that is different today, as we go toward a rate design for stranded costs, than it was during the 1999-2001 period, as we just entered into electric restructuring, where everybody at that time was actually a customer of the

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

Company, there was no retail choice. So, everybody contributed to and took part in the generation offerings from the Company. So that made sense then to have an equi-proportional rate design for stranded costs. I do think it's -- you could argue that it is different today, and the migration reports over time indicate that.

So, I think this is a fair rate design that we've actually incorporated into the Settlement Agreement.

- Q. Could I ask you to just develop slightly more the migration status, and how much of the various rate classes are currently on default service, and how much have been out in the market and would be then incurring additional costs post divestiture for stranded costs they're not currently paying?
- A. (Frantz) It varies over time. We get quarterly reports from the Company. But I'll just summarize that, for the largest class of customers, which is around the Rate LG class, which has approximately 123 LG customers, that, on average, at least 110 to 113 of those customers are usually taking their energy service from a competitive electric power supplier. So, that's approximately 90 percent, or more.

1 It goes down from there. If you go to 2 the Rate GV class, you see anywhere, and that's an 3 actual -- you'll see somewhere around 70 to 80 percent 4 of the customers are in the market. 5 And, as you move down, you see more --6 higher percentages are actually taking default service 7 from the Company, well over 50 to -- well over 50 or 60 percent, actually, the residential class takes 8 9 competitive -- default service from the Company, its 10 service requirements. 11 So, that's sort of is a rough indicator 12 of a little bit of how we looked at the rate design. 13 will say that this rate design was the product of 14 settlement negotiations, however, and we got to where 15 we are. 16 CHAIRMAN HONIGBERG: Ms. Chamberlin, do 17 you have any questions for Mr. Brennan? 18 MS. CHAMBERLIN: I do. 19 BY MS. CHAMBERLIN: Mr. Brennan, could you please summarize the OCA's 20 Q. position on the rate design in the Settlement 21 22 Agreement. 23 (Brennan) It's important to point out that the rate Α.

design under the Settlement Agreement brings

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

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significant benefits to the PSNH residential default service ratepayers. Comparing where they are now, status quo, their cost and risk, versus where they will be under settlement, with divestiture and stranded cost allocation. If, by way of an example or to add context, if you turn to my testimony, which is "Exhibit N", I believe, on Page 11, Table 3, far right-hand This table breaks down actual energy service column. costs for PSNH over a number of years. And, I just want to use the right-hand column to illustrate a point. I'm looking at Rows 1, 2, 3, and 4, which provides, Row 1, "Energy cost", 169 million; Row 2, "Operational (fixed) cost", 128 million; Row 3, "Return cost", which are -- I'd consider "fixed costs", \$80 million. If you add the fixed costs and return costs, you come up with around \$200 million. And, this is relatively consistent, if you go to 2014 data, and it's relatively consistent with the model and testimony given yesterday, the Brattle model. That we've got this \$200 million of

That we've got this \$200 million of fixed and return costs that ultimately residential default service ratepayers are on the hook for.

Understandably, if there's -- with capacity revenues and energy revenues, there are offsets and credits

# 80 Bradley~Feltes~Chung~Brennan~Antonuk~Frantz] 1 made. But, ultimately, the default service payers are 2 on the hook to pay that when generation sales are low. 3 And, if you look at the migration reports that Mr. Frantz just referred to, approximately 4 5 65 percent of these costs get allocated to the residential default service ratepayers. And, I would 6 7 consider that -- our position is that that is unfair. And, contrast that with the Settlement, 8 9 where you have a smaller known capped amount of 10 stranded costs, call it -- I'm not sure exactly what 11 the dollar amount is, call it \$50 million annually for principal and interest, 48.5 percent of those costs are 12 13 allocated to all residential customers. 14 So, when you compare where they are 15 today, 65 percent of unknown future levels of fixed and 16 return costs, versus the Settlement Agreement, stranded 17 cost, capped and known and reducing over the years, 18 48.5 percent, this is a significant benefit to PSNH default service ratepayers, and is a key reason we 19 20 support the Settlement Agreement. 21 MS. CHAMBERLIN: Thank you. That's all 22 I have.

have any questions for Mr. Chung?

CHAIRMAN HONIGBERG: Mr. Bersak, do you

23

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Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

1 MR. BERSAK: No thank you, Mr. Chairman. 2 CHAIRMAN HONIGBERG: All right. Who has 3 questions for the panel? I see Mr. Harrington, I see 4 Mr. Aalto. Is there anybody else who's going to have 5 questions? Mr. Cunningham. 6 All right. Mr. Aalto, you can go first. 7 MR. AALTO: Thank you. Good morning. 8 CHAIRMAN HONIGBERG: Just make sure you have a microphone in front of you that is on. 9 10 MR. AALTO: And, I see the red light. 11 CHAIRMAN HONIGBERG: That's a good sign. 12 CROSS-EXAMINATION 13 BY MR. AALTO: 14 I quess -- I quess I need to start by asking, does any 15 residential customer have an obligation to pay for 16 PSNH's generation plant, if they leave for competitive 17 supply? From anyone that might want to answer that. 18 Α. (Frantz) Today, if a customer leaves, they avoid those 19 generation supply costs, and they pay the rate that 20 they get from a competitive electric power supplier, 21 for the term length that they signed up for. 22 So, if we go through the Settlement, then the only Q. 23 people that are absolutely going to -- well, there's no 24 one that will see a reduction in cost, assuming that

[WITNESSES:

1 the market prices are lower than PSNH's prices for 2 energy. So, this Settlement would add at least to the 3 distribution cost of everyone that buys power from PSNH, and might reduce the cost of power from those 4 5 that are on the -- in the "default service" category, 6 that for some reason can't leave. It looks to me like 7 everyone sees a rate increase. But I also understand that, if that came to past, then we have a problem, in 8 9 that we have a utility that would say "Well, I need to recover these costs somewhere. If I can't, I'm going 10 11 to go broke." MS. CHAMBERLIN: I'm going to object. 12 13 don't hear a question. 14 MR. AALTO: Well, the question --15 CHAIRMAN HONIGBERG: I think he was 16 almost there. I really do. I really do. I hear you, Ms. Chamberlin, but I think he was almost there. 17 18 BY MR. AALTO: 19 Q. The question then becomes, with the structure of the 20 Settlement Agreement, the utility will come back to the Commission and say "we're going to retire these, and 21 22 there will be stranded costs in the retirement." And, indeed, the remaining customers are going to pick up 23

those costs anyway, so that -- unless there's a

1 disallowance for imprudence or something of that sort. 2 So, in the end, it seems like what we've 3 got here is, how do we keep those costs that, 4 ultimately, we, as customers, are going to see as low 5 as possible? Would there be general agreement with that? And, normally, that would be by sale of an 6 7 asset. 8 CHAIRMAN HONIGBERG: I think you were 9 fine with the question you just asked. Don't embellish. 10 Mr. Frantz, I think you were looking to respond to at 11 least part of what Mr. Aalto said. 12 WITNESS FRANTZ: I was looking to 13 respond to a question I thought was coming about --14 [Court reporter interruption.] 15 WITNESS FRANTZ: I was looking to 16 respond to a question I thought was coming about 200 words 17 earlier. 18 MR. AALTO: My apologies. 19 BY THE WITNESS: 20 (Frantz) And, that was that customers will all be worse 21 off under this Settlement Agreement. And, I think 22 that, if you look at our Staff/La Capra report, where we did some analysis of market prices and default 23

service prices, what you'd see is that the customers on

default service would actually save. That the cost of the market price, plus the stranded costs, were expected to be less than what PSNH's default service price would be going forward, under at least the scenarios that were looked at by La Capra and in that report.

So, for a large group of customers, especially the residential class, and even a fair number of general service class customers, they would be expected to actually have lower rates overall than going forward.

Now, it's true that, for all those customers that, and those are large customers, the LG class and the GV class, a large number of them that have been actually in the competitive supply market still see pretty much a market-based price, but they will incur now a stranded cost. So, all else equal, they may actually see a slight increase. But they signed off on that, and I think part of the reason that they agreed to that and endorsed this Settlement Agreement is it takes uncertainty away. It takes uncertainty from the legislative process going forward, with having bill after bill introduced every year and discussing it. So, to businesses, it's important to

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          also reduce uncertainty. So, that's my response.
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                         MS. ROSS: I just --
    BY MR. AALTO:
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 4
          I think my question there was, the customer can leave,
     Q.
 5
          so they don't have an obligation to continue paying
          default service. But, well, let's go past that.
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 7
          issue is --
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                         MS. ROSS: Could I hold up for just a
 9
       second?
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                         MR. AALTO: Yes.
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                         MS. ROSS: I just would like to, this is
12
       awkward, but I'm going to instruct my witness to, in the
13
       future, rather than referring to the "La Capra" work, if
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       you can bring it up to the Brattle model. Because we had
15
       agreed that we would rely on that model with regard to
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       customer savings.
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                         And, I guess I would ask you, would your
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       answer, if you relied on the Brattle model, be the same as
19
       the answer you just gave?
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                         CHAIRMAN HONIGBERG: Mr. Frantz, you
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       don't need to answer that right now. Ms. Ross can circle
22
       back to you, if she needs to.
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                         MS. ROSS: Okay.
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                         CHAIRMAN HONIGBERG: Although, you might
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want to remember what she just asked, because it will probably come up again.

Mr. Aalto, you may proceed.

4 BY MR. AALTO:

Q. And, the goal here is to reduce the customer exposure as much as possible. Currently, we're only using the sale of the plant as the mechanism for that. Do you see other possibilities, like perhaps instead of selling the plant, continue with revenue from the plant, and including securitization, so that — because there's a major savings there? But, instead of selling, just get the revenues from the power plants' operations and use that to reduce the stranded cost payments within the rate structure, even to the point of perhaps getting some of the hedging value of non-oil and gas fuel?

MR. BERSAK: I'm going to have to object to the form of the question, because Mr. Aalto is suggesting something that the law of this state prohibits. And, the witnesses that we have tomorrow from our Treasury will be able to address that.

CHAIRMAN HONIGBERG: I actually thought you were going to object because it wasn't a question about rate design.

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                         MS. AMIDON: Yes.
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                         CHAIRMAN HONIGBERG: But, either way, I
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       think it's probably a question that could have been or
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       should have been addressed to the panel yesterday,
 5
       regarding the structure of the Settlement. But -- so, I'm
 6
       going to sustain one of Mr. Bersak's two grounds for
 7
       objecting.
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                         Mr. Aalto, do you have anything else you
 9
       want to follow up on?
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                         MR. AALTO: With that, I will have to
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       then, I think, try to reserve some more questions for
12
       tomorrow.
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                         CHAIRMAN HONIGBERG: Well, I think
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       you're going to have an opportunity to make your argument
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       affirmatively, yourself, tomorrow, isn't that right?
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                         MR. AALTO: Yes. But part of it is what
17
       the Company's response and what the sense of the others
18
       involved would be to a different structure. And, I think
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       that may fit tomorrow better than today, at this point.
20
                         CHAIRMAN HONIGBERG: All right. Well,
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       we'll just --
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                         MR. AALTO: So, I can --
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                         CHAIRMAN HONIGBERG: We'll deal with it
24
       when we get there, I guess.
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                         MR. AALTO: Okay. I can then -- I can
 2
       drop the remaining questions here, other than to indicate
 3
       that other methods might be there to support the structure
 4
       of the stranded cost recovery. But I'll leave it at that
 5
       then.
 6
                         Thank you very much for the opportunity.
 7
       And, thank you for the panel.
 8
                         CHAIRMAN HONIGBERG: All right.
                                                           {\tt Mr.}
 9
       Cunningham.
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                         MR. CUNNINGHAM: I'll make sure this is
11
       on. I don't have many questions, but my first questions
12
       are to the senators.
13
     BY MR. CUNNINGHAM:
14
          You described the Settlement as a "global Settlement".
15
          And, in that Settlement, can you identify what
16
          residential ratepayers were included?
17
     Α.
          (Bradley) I think it goes without saying that the
18
          Office of the Consumer Advocate, representing
19
          residential ratepayers, signed on to the Settlement.
20
          So, to me, that's pretty global.
21
          And, --
     Q.
22
          (Feltes) I would only add -- sorry.
23
          Go ahead.
     Q.
24
                         CHAIRMAN HONIGBERG: Go ahead.
                                                          Go
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1 ahead, Senator Feltes.

2 WITNESS FELTES: Thank you, Mr.

3 Chairman.

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# BY THE WITNESS:

(Feltes) I would only add, Mr. Cunningham, that, you know, in the world that we live in right now, default 7 service customers, disproportionally residential customers, are bearing the brunt of this. And, as 9 Mr. Brennan testified to, under divestiture, and PSNH is, you know, going to the securitization, and about 7 percent being carved off, residential customers make out significantly, significant benefits.

> The real savings is really in divestiture and securitization, not the \$25 million write-off.

#### 16 BY MR. CUNNINGHAM:

- 17 So, the answer to my question is, there were no Q. 18 residential ratepayers invited into the settlement 19 discussions, yes or no?
- 20 Α. (Bradley) And, our answer is that the Office of the 21 Consumer Advocate does an excellent job of representing 22 residential ratepayers.
- 23 (Feltes) And, I would only add to that, Mr. Chairman, Α. 24 if I could, that, you know, we're state senators, we

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

represent — our job is to represent everyone, and we take that very seriously. This is a very balanced Settlement Agreement. It reflects the interest of business, it reflects the interest of residential customers, it reflects the interest of all of the stakeholders that signed on to it, and took, obviously, a lot of time and effort working with folks to balance everything. And, I think, respectfully, I think it's an appropriate balance.

- Q. And, as a follow-up question, did any residential ratepayer ask you senators to file a motion with the Public Utilities Commission to postpone or eliminate the prudence decision on the Scrubber?
- A. (Bradley) Not to the best of my knowledge.
- Q. And, who incentivized you, either of you, to file the motion to ask this Commission not to make the prudence decision on the Scrubber?
  - A. (Bradley) Well, as a sponsor of Senate Bill 221, as somebody that has been around these issues for a long, long time, I certainly, and I think the Legislature agreed with me, felt that the battle of the Scrubber should be put behind us. That we needed to securitize those costs at a time that interest rates were as low as possible, and not have residential ratepayers

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          largely have to pay an equity return on the Scrubber.
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          And, that the Settlement was the best way to do it.
 3
          And, that's why I believe the Legislature adopted it,
          Senate Bill 221, in the way it did.
 4
 5
     Q.
          So, you're suggesting that you acted as a senator when
 6
          you filed this motion?
 7
                         CHAIRMAN HONIGBERG: I think -- I think
      he would stipulate that the answer to that is "yes".
 8
 9
       That's precisely what Senator Bradley just said.
10
     BY MR. CUNNINGHAM:
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          Well, let me ask this then, Senator Bradley, Senator
     Ο.
          Feltes. Would you expect or anticipate -- anticipate
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          acting in a similar fashion, for example, in an SEC
14
          process to ask the SEC, for example, not to make a
15
          decision on a pending matter, of whatever that might
16
          be?
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          (Bradley) Well, like you, Attorney Cunningham, --
     Α.
18
                         MR. ASLIN: Mr. Chairman?
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                         CHAIRMAN HONIGBERG: Well, hang on,
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       Senator Bradley. I think there's an objection coming from
21
       somewhere.
                  Ah, Mr. Aslin, yes?
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                         MR. ASLIN: I'm going to interpose an
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                   I don't see the relevance of this to the rate
       objection.
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       design question that's before the Commission and --
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                         [Court reporter interruption.]
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                         MR. ASLIN: I'm sorry.
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                         CHAIRMAN HONIGBERG: His objection is
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       relevance. Mr. Cunningham?
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                         MR. CUNNINGHAM: The suggestion here is
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       that political influence in regulatory bodies from
 7
       powerful senators is a bad policy precedent for everybody
 8
       involved. And, so, I will repeat my question.
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                         CHAIRMAN HONIGBERG: The objection is
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       sustained.
11
     BY MR. CUNNINGHAM:
12
          Senator Feltes, you mentioned that "equi-proportional
     Q.
13
          ratepayer design is a good idea". Could you explain
14
          that for us please, how that works?
15
          (Feltes) Attorney Cunningham, and I mentioned that this
     Α.
16
          rate design deviates from equi-proportional, and for
17
          good reason. And, I think we testified to all the
18
          reasons why it does deviate.
19
          Well, let me -- would you answer my question. What is
     Q.
20
          "equi-proportional rate design"?
21
    Α.
          (Feltes) In this --
22
                         CHAIRMAN HONIGBERG: Just a minute,
23
       Senator Feltes. Mr. Cunningham, that wasn't your question
24
                If you would like to ask Senator Feltes or anyone
       before.
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on the panel to explain "equi-proportional rate design",

2 which is a phrase that he used, --

3 MR. CUNNINGHAM: Yes.

4 CHAIRMAN HONIGBERG: -- you may do so

5 without the introduction.

# 6 BY MR. CUNNINGHAM:

- 7 Q. Yes. I want somebody to answer or describe for me precisely what is "equi-proportional rate design"?
- (Feltes) Well, I'd be happy to answer, and anybody who 9 10 disagrees I'm sure will let me know. But 11 "equi-proportional", in the context of the Stranded 12 Cost Charge, would be the same per energy unit, you 13 know, cost, regardless of the customer class. So, 14 that's "equi-proportional", in this context. And, the reason why we deviated in this context I think has been 15 16 well explained by myself, Senator Bradley, Mr. Antonuk, 17 Mr. Frantz, Mr. Brennan, and, you know, everybody else 18 that signed onto the Settlement Agreement and submitted 19 testimony.
- 20 Q. So, simply put, "equi-proportional" means "equal rate charges" for whatever category you may fall in?
- A. (Feltes) I think it is what I -- I think it's my
  answer. So, if you want to just restate my answer
  verbatim, that's what it is.

1 Q. And, does that equi-proportional rate design have a
2 history in New Hampshire?

- A. (Feltes) It has a history in a number of contexts.
- Q. And, is it fair to say then that the rate design currently available is "equi-proportional"?
  - A. (Feltes) I think it's fair. I think the Settlement

    Agreement rate design is fair. And, that's what the

    statute requires the Commission to take a look at.

CHAIRMAN HONIGBERG: Mr. Cunningham,
were you asking about the current rate structure?

MR. CUNNINGHAM: Yes.

CHAIRMAN HONIGBERG: I think the question is "are current rates, with respect to the kinds of charges we're talking about, is it currently equi-proportional?"

# BY THE WITNESS:

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17 Α. (Feltes) No. Not at all. You know, look, you know, 18 when you saddle default service customers, 19 disproportionally residential customers, a lot of them 20 low income, on fixed incomes, with the cost of the 21 Scrubber, you know, the Legislature, in 2006, fortunately, Senator Bradley and I weren't there to 22 23 make this decision, that was an unfair decision. 24 And, what we're doing now is trying to

- 2 reasons that we discussed earlier, this rate design is

make the best of a bad situation. And, for all the

- 3 fair and moves us in the right direction.
- 4 BY MR. CUNNINGHAM:

- 5 Q. Well, I suggest, Senator, you and I agree on that one.
- 6 A. (Feltes) Okay. Good.
- 7 Q. I have just one question for Mr. Brennan. Mr. Brennan,
- 8 you testified that you believe that this Settlement
- 9 Agreement caps and makes known the stranded costs. Is
- that what you testified to?
- 11 A. (Brennan) Ultimately, once divestiture and the auction
- 12 process and the sales occur, at a point in time,
- 13 stranded costs will be known.
- 14 Q. And -- I'm sorry, I didn't mean to interrupt.
- 15 A. (Brennan) Stranded costs will be known.
- 16 Q. And, based on the -- and, based on the language of this
- 17 Agreement, can you tell us what the cap is and what the
- 18 known costs are?
- 19 A. (Brennan) The Agreement gives a format for determining
- 20 what stranded costs ultimately will be.
- 21 Q. And, can you tell us --
- 22 A. (Brennan) So, I cannot give you -- I cannot give you a
- 23 specific dollar amount.
- 24 Q. And, can you tell us when ultimately it will be under

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          this Agreement?
 2
          (Brennan) I cannot give you a date when that would
 3
          occur, no.
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                         MR. CUNNINGHAM: That's all the
 5
       questions I have, Mr. Chairman.
 6
                         CHAIRMAN HONIGBERG: Mr. Harrington.
 7
                         MR. HARRINGTON: I think I'm on, am I?
       Yes. Okay. Good morning -- good afternoon, I guess.
 8
 9
      Most of my -- or, in fact, all my questions are going to
10
       be dealing with the purchase power agreements between
11
       Eversource or Public Service and the Lempster Wind Project
       and the biomass plant in Berlin, the Burgess Biomass
12
13
       plant, and how they're going to be handled under this new
14
       rate structure.
15
                         I would say up front, most of them are
16
       going to be dealing using examples on the Burgess Biomass,
17
       because it is a much, much larger size, there will be much
18
       larger costs or potential costs involved in that. And,
19
       whoever is most appropriate to answer the question, feel
20
       free to do so.
21
                         MR. BERSAK: I'm going to object, Mr.
22
                 This is not a rate design issue.
       Chairman.
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                         CHAIRMAN HONIGBERG: He hasn't asked a
24
       question yet. So, let's hear what the question is, and
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       then we'll deal with it.
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                         MR. HARRINGTON: Well, let me make it
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       clear --
 4
                         [Court reporter interruption.]
 5
     BY MR. HARRINGTON:
 6
         How those purchase power agreements are going to be
     Q.
 7
         handled in the new proposed Settlement. First, I quess
          I'd want to start out with what we are at the present,
 8
 9
         what is the present status of this. What is the --
10
          and, again, we're referring to the Burgess Biomass, to
11
         make things simpler here. What is the energy rate that
12
         they are paid in that PPA?
13
                         MR. BERSAK: Mr. Harrington has now
14
       asked the question. I will object. It's not dealing with
15
       the purpose of this panel, which is rate design. That was
16
       question that should have been asked yesterday.
17
                         CHAIRMAN HONIGBERG: Mr. Harrington?
18
                         MR. HARRINGTON: Well, it is, when I
19
       say -- I thought "rate design" was how you're going to
20
       design the rates. And, certainly, the use of how this
       purchase power agreement costs are put in are going to
21
22
       have an effect on rates. So, it is a part of the rate
23
       design. It's going to be in the rates. Does not the
24
       Settlement Agreement say they're going to take the costs
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Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

[WITNESSES:

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       associated with these and put it in a non-bypassable
 2
       charge in rates?
 3
                         CHAIRMAN HONIGBERG: It's the -- Mr.
 4
       Bersak, why don't you complete your thought on how this
 5
       should have been dealt with yesterday.
 6
                         MR. BERSAK: Yesterday, there was a
 7
       panel that addressed the contents in general of the
 8
       Settlement Agreement, and including, you know, the various
 9
       different provisions, that including how power purchase
10
       agreement purchases would be handled going forward.
       purpose of today's panel was specifically to address how
11
12
       the stranded cost charges that must be recovered from
13
       customers would be spread out. Would it be, as we just
14
       heard, "equi-proportional", or would there be some kind of
15
       rate design, where the costs were spread
16
       disproportionately among customer classes?
17
                         The issue of "power purchase agreement"
18
       does not fall into this "rate design" issue for the
19
       Stranded Cost Recovery Charge.
20
                         CHAIRMAN HONIGBERG: Mr. Harrington, I'm
21
       going to let you go a little ways with your question, so
22
       you can get an understanding of what these witnesses will
23
       tell you in response.
24
                         But it is my understanding that it was
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[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]
 1
       yesterday's panel that was discussing how the PPAs and the
       resulting the stranded costs would be put into the base,
 2
 3
       that would then be used for calculating the rates.
 4
                         But why don't you go a little ways and
 5
       see what you can get from these witnesses on this.
 6
                         MR. HARRINGTON:
                                          Sure.
                                                 Just to clarify
 7
       what my thinking was, is that the panel today was
       "stranded costs in rates", and I assumed that the PPA, as
 8
       proposed, is going to be a stranded cost.
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10
                         CHAIRMAN HONIGBERG: Why don't you start
11
       asking questions, and we'll see where it goes.
12
                         MR. HARRINGTON: Okay. I will repeat my
13
       first question then.
14
     BY MR. HARRINGTON:
15
          What's the energy rate for the biomass plant in the
16
          present PPA?
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          (Frantz) I guess it's me.
     Α.
18
                         CHAIRMAN HONIGBERG: If you know.
19
    BY THE WITNESS:
20
          (Frantz) Well, I have a general knowledge of it. I
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A. (Frantz) Well, I have a general knowledge of it. I don't know specifically what the rate actually is today. It's based on the contractual price that was in the agreement that was approved by the Commission, and it includes capacity at a certain price and includes

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1 RECs and it includes energy. The beginning price for
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- 2 energy, in the first year, I believe was around \$69 per
- megawatt-hour, and then had escalation factors built
- 4 into it. So, it's -- that's the best I can answer at
- 5 this point.
- 6 BY MR. HARRINGTON:
- Q. So, it's in the range of \$70 a megawatt-hour for the energy portion of that contract?
- 9 A. (Frantz) I would say it's north of \$70 at this point.
- 10 Q. And, --
- 11 A. (Feltes) And, I would just --
- 12 WITNESS FELTES: If I may, Mr. Chairman?
- 13 CHAIRMAN HONIGBERG: Go ahead, Senator
- 14 Feltes.
- 15 **BY THE WITNESS:**
- 16 A. (Feltes) I would just add, Mr. Harrington, that, in
- 17 Order 25,305, in 2011, cited on Page 8 of
- 18 Bradley/Feltes Direct Testimony, Exhibit O, a portion
- of the over-market costs is already distributed to
- 20 distribution customers of PSNH, of the over-market
- 21 value of the Burgess Biomass PPA.
- 22 BY MR. HARRINGTON:
- 23 Q. That's a small portion, though. Most of it's in the
- 24 energy service rates. Is that correct?

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

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A. (Feltes) I'm not going to comment on whether or not it's a "small portion" or not. But it's part of the over-market portion. And, what the Commission said, on Page 10 of our testimony, is, you know, that the "costs associated with the public benefits accrue to tall PSNH customers, whether they take default energy service or competitive supply. Thus, there is no unfair cost shifting to customers who have taken advantage of competitive supply."
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So, you know, the rate design here, if you want to call it a "rate design", of putting the over-market Burgess Biomass into the stranded costs, and shifting off of default service customers, benefits disproportionally residential ratepayers, and is consistent with prior Commission decision.

- Q. Well, let me go on with the questions then. So, we know approximately what it was. We heard testimony earlier today that the LMP for New Hampshire for last year was, I think, about \$40 a megawatt-hour, is that correct?
- A. (Frantz) I heard something around \$41, I believe earlier today.
- Q. So, that would be one of the lower average LMPs for the year since the establishment of competitive markets in

1 New Hampshire, is that correct?

- A. (Frantz) I haven't looked at all the numbers going back, but it would certainly probably be in the top two or three of the lowest average prices for the year for New Hampshire.
- Q. So, presently, when we see the lowest LMPs, if not in history, maybe the second or third lowest, I think they tend to be really very low, yet, we're still seeing, even though that makes the Biomass PPA the most over-market price it's probably going to ever see, we're still seeing a large proportion of residential customers staying with the Default Energy Service rate from Public Service, is that correct? I believe you said "60 percent were still staying with Public Service", in your earlier testimony, Mr. Frantz?
- A. (Frantz) Yes. We could look at the migration reports.

  But it's essentially 60 some percent at least of

  megawatt-hours stay with default service.
- 19 Q. For residential?
- 20 A. (Frantz) For residential.
- 21 Q. So, in a year where we're seeing the close to maximum

  22 over out-of-market price associated with the PPA, the

  23 majority of the people chose to stay with default

  24 service from Public Service or Eversource anyways, is

1 that correct?

- 2 A. (Frantz) Well, I don't know if they're that highly
- 3 connected or correlated. But we know that those two
- 4 facts are probably correct.
- 5 Q. Okay.
- 6 A. (Frantz) That 60 some percent, actually, of residential
- 7 customers stay on default service, and we know what the
- 8 actual price in the LMP is.
- 9 Q. But that -- the default service rate reflects a lot of
- 10 those over-market costs from the Berlin Biomass plant.
- 11 They're included in that rate?
- 12 A. (Frantz) It's one part of the rate.
- 13 Q. Yes.
- 14 A. (Frantz) But there's lots of parts of the rate --
- 15 Q. But it is included as part --
- [Court reporter interruption.]
- 17 **BY THE WITNESS:**
- 18 A. (Frantz) But there are lots of parts that go into that
- 19 rate; the return, rate base, depreciation, fuel costs.
- 20 You know, it's a full cost-of-service rate associated
- 21 | with setting PSNH's default service.
- 22 BY MR. HARRINGTON:
- 23 Q. My question is strictly that, it is part of the rate.
- 24 | So, when this purchase power agreement was originally

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1
          proposed, and maybe someone from Public -- representing
 2
          Public Service or Eversource can talk to this, it's my
 3
          understanding that it was Public Service that pursued
 4
          this purchase power agreement. It wasn't -- they
 5
          weren't being pressured by the Public Utilities
          Commission or anybody, to my knowledge, to go with
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 7
          that?
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                         MR. BERSAK: Mr. Chairman, my objection
       is still out there.
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10
                         CHAIRMAN HONIGBERG: It's sustained on
11
       that.
12
                         WITNESS BRADLEY: Actually, I'd be more
13
       than happy to answer that question.
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                         CHAIRMAN HONIGBERG: Senator Bradley,
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       you are free to answer.
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                         MR. BERSAK: Okay. I will --
                         CHAIRMAN HONIGBERG: I'm not going to
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18
       argue with you on this one.
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                         MR. BERSAK: I will withdraw the
20
       objection.
    BY THE WITNESS:
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22
          (Bradley) Good afternoon, Commissioner Harrington.
23
          And, good to see you. There was huge support in the
24
          Legislature, especially from people like myself that
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[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

represent the North Country, because of the jobs impact, because of the depressed jobs opportunity gap in the eastern side of the North Country, in particular, in Berlin. Folks like myself, Senator Gallus, Senator Forrester, and others, Governor Lynch, advocated long and hard to ensure that that wood plant was built, and that it was appropriately reflected in rates.

So, I appreciate my friend, Mr. Bersak, trying to defend this. But, I think, for the record, you should know that there was huge support for the Burgess Power Plant, and, obviously, the Commission deemed it to be in the public interest and approved it in rates.

# BY MR. HARRINGTON:

- Q. I guess my clarification on that, Senator Bradley, would be, there was a lot of support for that. I'm aware of that. I was on the Site Evaluation Committee at the time that was being proposed. But it wasn't mandated by anybody that Public Service sign this contract, is that correct?
- A. (Bradley) Not mandated, but I think that one of the reasons we're in this room today, one of the reasons that that purchase power agreement was entered into,

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

was that Eversource responds to folks like myself, who advocated for the jobs in the North Country, and appropriately so.

- Q. And, at that time, when that contract that you mentioned was approved by the Public Utilities Commission, the law required that the costs be acquired or be covered by default service energy rates, is that correct?
- A. (Bradley) That is correct. But, now, we're back to your rate design issue. And, we feel again, with the global Settlement here, that these costs, all of them, whether it's the Scrubber, whether it's the PPAs, these costs of the past, in the vertically integrated utilities, are best dealt with with the rate design that we have, that both is a benefit to residential customers, as I think we've heard the compelling testimony from the Consumer Advocate this morning, as well as Senator Feltes and I, knowing, in our roles as senators, how important the rate design issue is for the business community to do everything that we possibly can to reduce the impediment that high electric rates are in New Hampshire.
- Q. But the fact is, when the contract was signed, it was to be collected -- costs would be collected from

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default service rates, and we're now asking the
Commission to change that?
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A. (Feltes) No. I think what the Commission did, in Docket -- in Order 25,305, cited on Page 10 of Bradley/Feltes Testimony, Exhibit O, it allocated a portion of the over-market costs to all distribution customers. So, it's not, again, going back to what we talked about earlier, it's not all on default. So, there is a precedent here. And, the precedent is based on that decision, and the Commission can review it, you know, we cite it on Page 9 and 10 of our direct testimony, the basis for the broad public benefits, that everybody benefits from this power purchase agreement, so, therefore, everybody shares in any over-market costs that may be incurred.

It's also worth pointing out that -
CHAIRMAN HONIGBERG: Senator Feltes, I

don't think there's a pending question right now.

WITNESS FELTES: Okay.

19 WITNESS FELTES:

20 BY MR. HARRINGTON:

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- Q. Under that, under the proposed Settlement now, you're talking about taking all the costs and putting them on a non-bypassable charge, is that correct?
- 24 A. (Feltes) Yes.

Q. Okay. And, in the past, that could not be done. In fact, if it wasn't -- if it could have been done, we wouldn't need part of Senate Bill 221, which allows -- does not require these out-of-market costs to be transferred to a non-bypassable charge, is that correct?

A. (Feltes) Yes.

- Q. Okay. So, basically, what we're doing here is we have this contract that was signed by Public Service, and approved by the PUC, which said that most of these charges were going to go in the energy service rate, and now we want to change the rules, Senate Bill 221 says "you may switch them to a non-bypassable charge", and this Settlement would ask the Commission to say "they must be switched to a non-bypassable charge", is that correct?
  - A. (Feltes) Well, you know, I wouldn't agree with, you know, some of the characterization. What I would say is this: Is that this is part of a global Settlement.

    And, you know, all the stakeholders and everybody, this is part of what we discussed. And, certainly, in terms of rate design, if you want to call it, in terms of helping residential ratepayers, who are disproportionally default service customers who haven't

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

1 migrated, --

Q. That wasn't my question, though. My question is, under what — this agreement that is proposed here, you're asking the Commission to take all the above—market charges associated with that purchase power agreement and transfer them to a non-bypassable charge that every Eversource ratepayer will have to pay some of?

CHAIRMAN HONIGBERG: And, that question has already been answered. The question you asked subsequently was a summary question, which was, in a sense, essentially an argument from you that you probably weren't going to get buy-in from these witnesses on. But you had asked the question you just asked already, and you got the answer you were looking for.

MR. HARRINGTON: Okay.

# BY MR. HARRINGTON:

Q. And, referring to Mr. Frantz's testimony, I guess it was just -- and it's dated July 17th, that apparently was resubmitted on the 26th of this year, on Page 3, Line 69, it states "the General Court stated that "the most compelling reason to restructure the New Hampshire electric utility industry is to reduce costs for all consumers of electricity by harnessing the power of competitive markets." It also stated, "Increased

1 customer choice" --2 CHAIRMAN HONIGBERG: Mr. Harrington, 3 slow down. Slow down. 4 MR. HARRINGTON: Okay. Sorry. Sorry. 5 Sorry, Steve. Are you caught up? BY MR. HARRINGTON: 6 7 "It also stated that, "Increased customer choice and 0. the development of competitive markets for wholesale 8 9 and retail electricity services are key elements in a 10 restructured industry"." 11 It would seem that transferring the 12 costs that were originally in the energy service rate 13 to all customers clearly does not provide for increased 14 customer choice, it provides for less. Mr. Frantz, 15 would you care to comment on that? 16 Α. (Frantz) Actually, I don't agree with that commentary. 17 I think that, if you asked yourself "had we divested 18 these purchase power agreements, how would they have 19 been treated?" In my opinion, they would have been 20 treated as they were in restructuring, and they would 21 have been included as we're doing here. The --Okay. Excuse me. Could I just ask it, because I'm not 22 Q. 23 quite sure of your terminology, when you say "divested 24 the purchase power agreements"?

1 A. (Frantz) Sure. Okay. We --

2 Q. I don't know what that means.

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- 3 (Frantz) That would have meant that you could have put Α. 4 out for bid someone to purchase the PPA that PSNH is 5 contractually obligated to buy right now. So, it ends 6 up we're getting the Company out of the generating 7 business, and I think this does that in a fair and really efficient manner. So, to keep them actually in 8 9 this and put these costs on default service is very 10 different than what you'd see from Unitil or for 11 Liberty Utilities' customers. This treats them essentially like other customers. 12
  - Q. But you would not have to divest these PPAs in the manner that you just described. They would simply be kept in the same way that they are now, and have Eversource and, of course, management making the decisions to enter into these PPAs, have it based on their put into their default service rates.
  - A. (Antonuk) You could do that with the power plants, too.

    You know, we're talking about getting PSNH finally out

    of the supply business. As Mr. Allegretti and his

    colleague pointed out, the supply business isn't just

    generation plants, it's also power purchase agreements,

    which is a hard spot for them, I understand. There's

Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

1 really no distinction between a power purchase 2 agreement and a generating plant as a source of supply. 3 And, I think the point Tom was making 4 was that, yes, we could have divested them, and we'd 5 end up with the same thing, the same result, somebody is going to buy them down to market. So, we leave them 6 7 there, because it's convenient. And, we say "we want PSNH out of the supply business." We've already 8 9 crossed the Rubicon on changing the rules about who 10 pays for stranded costs for the generating plants. So, 11 the question I pose is "what's really different about a power purchase agreement that is designed to supply the 12 13 PSNH customers?" And, my answer to that question is 14 "there's really no difference." 15 I guess my follow-up question to that would be, then Q. 16 what you're saying is that, if this Settlement goes 17 through, that no time in the future will Eversource 18 enter into a purchase power agreement? 19 Α. (Antonuk) Well, as I said yesterday, they may or they 20 may not. But this Settlement Agreement is not an onramp for the treatment of the cost of any future 21 22 power purchase agreement. This Settlement Agreement 23 only addresses those agreements that exist today. What

PSNH does in the future is a function of its making a

Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

decision, then coming before this Commission and defending its reasonableness, and allowing everybody --every stakeholder to argue for or against that reasonableness, and then the Commission can make a decision as appropriate to the circumstances applicable, not to some hypothetical possible power purchase agreement. But something real, something tangible, something that has dimensions that are meaningful.

- Q. Well, let's deal with a real tangible one we've got in front of us now, and that's the one that was signed with these companies. And, Public Service management made a decision that they wanted to sign these contracts.
- A. (Antonuk) Uh-huh.

[WITNESSES:

Q. Now, my question again is, they could be left in the default service rate, and have this Settlement go forward, they can still divest all their plants, it would simply mean that the risk associated with those contracts would remain with the default service rate, people that chose to be with Public Service or Eversource, and the Eversource stockholders?

MR. BERSAK: I object. I believe that he's testifying right now. That the question that's

underlying his testimony has already been asked and
answered, and is far away from the purpose of this panel.

CHAIRMAN HONIGBERG: Sustained.

MR. HARRINGTON: Okay. All right.

## 5 BY MR. HARRINGTON:

- Q. There's testimony that, again, I'm referring to Mr.

  Frantz's testimony, that the reason for going to

  this -- it's on the bottom of Page 9, Line 249, it says

  "Why do you support the inclusion in stranded costs of

  the over-market or under-market costs of the Lempster

  Burgess" -- "and Burgess Biomass PPAs?" And, the

  answer is "Doing so would result in all New Hampshire's

  regulated utilities default energy service pricing be

  determined on a similar basis from the competitive

  marketplace." And, my question then, Mr. Frantz, would

  be, you're saying it would be the same because none of

  the other regulated utilities have chosen to enter into

  long-term PPAs, like this one?
- A. (Frantz) Well, they don't have any.
- Q. They don't have any, okay. And, you go on to say that "the treatment that the Commission has approved previously", "how the costs associated with the QFs will be covered in Public Service's 1999 Agreement."

  The QF contracts that Public Service entered into,

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those were mandatory, correct? They didn't have an
option of not doing that?
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- A. (Frantz) They were PURPA contracts, most of them were long-term rates. Some of that was discussed this morning; thirty years, for most of the hydros, 20 years for the biomass facilities. And, they were obligated under PURPA to contract with those facilities.
- 8 Q. So, again, --

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- 9 A. (Frantz) At rates determined by the Commission.
- Q. And, that was somewhat different than the PPA that
  we're talking about here, in that this PPA was not
  mandatory? Okay.
- 13 CHAIRMAN HONIGBERG: Was that a
- 14 question?
- MR. HARRINGTON: Yes.
- 16 BY MR. HARRINGTON:
- 17 Q. This PPA was not mandatory, you --
- 18 CHAIRMAN HONIGBERG: I think we've
- 19 already established that.
- MR. HARRINGTON: Okay. All right.
- 21 BY MR. HARRINGTON:
- Q. I'm trying to just determine, if we were to leave the
  PPAs in the default energy service rate, why would that
  be a problem? And, probably Mr. Frantz probably could

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

1 answer that.

2 CHAIRMAN HONIGBERG: I guess Senator 3 Feltes wants a crack at it before anybody else. He's

4 grabbed the microphone.

WITNESS FELTES: Thank you, Mr.

Chairman. And, thank you, Mr. Harrington.

# BY THE WITNESS:

A. (Feltes) Again, the implication underlying some of these questions is that the default service customers really do have a meaningful choice. And, while some of them do, some of them, including some constituents and former clients, are not aware of the choice. That market is still developing, especially for bigger customers. And, there's a reason why migration has occurred largely amongst the bigger customers, including business customers.

And, if we want to put in place something that has fully competitive marketplace and the price signal, the price signal is the same across all distribution customers, that really facilitates competition, and it relieves the pressure on default service customers who are disproportionally residential. That's, in part, why this was a key component of the Settlement Agreement. It is part of

the consideration of the global Settlement Agreement.

And, as Senator Bradley indicated, the reason, the

public benefits, and as the Commission noted in 2011,

distinct public benefits for everybody.

## BY MR. HARRINGTON:

Q. Well, I guess, I don't know, maybe you didn't understand my question, but I'm trying to figure out what bad would happen if we allowed the costs associated with these purchase power agreements to stay in default service rates?

CHAIRMAN HONIGBERG: Mr. Harrington, one of the problems that we're having right now is that these witnesses want to talk about rate design, and where the stranded costs — how the stranded costs should be allocated among the rate classes. That's really what they're here for. You want to talk about "what should be included in those stranded costs?" And, I understand. And, you've asked a number of questions that illuminate a possible argument as to why the rate design that's proposed might not be fair to some rate classes.

But the fundamental question about "what should be included in stranded costs?" is not really this group of witnesses' issue. I've let you go a long way in that. But how much more do you think you have?

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                         MR. HARRINGTON: I don't have much more.
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       But let me just -- the reason I thought this was the
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       correct point, because most of these questions come from
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       Mr. Frantz's testimony, and he's on the panel. And, so,
 5
       that's why I --
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                         CHAIRMAN HONIGBERG: And, I think he's
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       doing his best to give you the answers where he agrees
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       with you and where he disagrees with you. So, I mean, and
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       I think Senator Feltes and some of the others feel
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       compelled to defend the position that they're taking,
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       because they know you have a problem with it.
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                         I think it might be helpful, and I think
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       you're going to have an opportunity to make an affirmative
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       argument about how the rates are different.
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                         MR. HARRINGTON: I only have a couple
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       more questions.
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                         CHAIRMAN HONIGBERG: Okay. Why don't
18
       you go ahead.
19
     BY MR. HARRINGTON:
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     Q.
          Again, if I could ask that question to Mr. Frantz.
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          the costs associated with these purchase power
22
          agreements was to remain in the default energy service
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          rates, why does that create problems?
24
          (Frantz) I can think of one reason. To the extent that
     Α.
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1 a potential bidder for default service sees that the 2 additional -- that the rate that will be charged to 3 customers will be higher than it otherwise would have 4 been, depending on its level, may, in fact, increase 5 the risk to that competitive supplier when they bid for 6 default service, and, therefore, potentially drive more 7 customers to the competitive electric power supply. And that -- those potential bidders take the risk of 8 9 price and quantity in those bids. So, they may either 10 bid up the price or may not have as much interest in 11 bidding. That's an increased potential risk to a bidder of competitive electric power supply, based on 12 13 what that level above what their bid would be, and 14 whether or not that would increase migration away from 15 default service. 16 Q. As many times in the past, Mr. Frantz, you've lost me 17 completely. 18 CHAIRMAN HONIGBERG: And, Mr. Antonuk, 19 briefly. 20 WITNESS ANTONUK: Yes. 21 BY THE WITNESS: 22

A. (Antonuk) I think the issue is cherrypicking. I don't think there's any difference between taking this contract and putting it in or out versus taking

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          Schiller or Amoskeag. We are dealing with a portfolio
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          of supply assets.
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                         Whether or not PSNH had entered this
          contract, they didn't have to build Merrimack, they
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 5
          didn't have to build Schiller. They didn't have to do
          any of that stuff. And, we're changing the rules on
 6
 7
          the entire supply portfolio. So, to kind of cherrypick
          something that we want to put here, versus there, is, I
 8
 9
          think, fundamentally opposed to the notion that we're
10
          all about here, which is "how do we get PSNH, once and
11
          for all, finally out of the supply business?"
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                         CHAIRMAN HONIGBERG: Mr. Harrington, did
13
       you want to follow up with Mr. Frantz?
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                         MR. HARRINGTON: No, I just have one
15
       final question.
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                         CHAIRMAN HONIGBERG:
                                              Okay.
17
     BY MR. HARRINGTON:
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     0.
          There's a lot of talk about "fairness" and so forth,
19
          and where the costs are going to go --
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                         [Court reporter interruption.]
     BY MR. HARRINGTON:
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          If the costs associated with this contracts -- the
22
          contracts, instead of being placed on a non-bypassable
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charge, were kept on the default service rate, is there

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          anything that would prevent Eversource from simply
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          saying "our stockholders are going to eat the
 3
          over-market costs of this contract that we entered
          into, and we're going to keep our default service rates
 4
 5
          competitive, and we're not going to include that in the
 6
          rates"?
 7
                         MR. BERSAK: We find that question to be
       objectionable. It's not relevant to this at all.
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                         CHAIRMAN HONIGBERG: Does anyone -- it's
10
       overruled. Anyone want to take it on?
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                         WITNESS FELTES: I'll be happy to.
12
                         CHAIRMAN HONIGBERG: Go ahead, Senator
13
       Feltes.
14
                         WITNESS FELTES: Thank you, Mr.
15
       Chairman.
16
    BY THE WITNESS:
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          (Feltes) Mr. Harrington, the Settlement resolves this
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          issue, resolves the issue you just asked about, and
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          it's a global Settlement, and what we resolved to as,
20
          you know, one of the considerations. And, it's in the
21
          public interest to approve the Settlement.
22
     BY MR. HARRINGTON:
23
          Okay. And, I understand your position on that, and I
     Q.
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understand it's global, and I understand you're in

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          favor of it. But I'm asking you a specific question.
 2
          Is there anything that prevents Eversource's to take
 3
          this over-market rates and saying "we're going to pay
 4
          slightly less dividend, which would be fractions of a
 5
          penny less dividends per year to our stockholders",
 6
          rather than include it in their energy service rates as
 7
          mandated?
 8
                         CHAIRMAN HONIGBERG: Other than the
 9
       Agreement they've entered into, and the legislation that
10
       implements that Agreement?
11
                         MR. HARRINGTON: I'm sorry, Mr.
12
       Chairman, the "legislation"?
13
                         CHAIRMAN HONIGBERG: The Senate Bill
14
       221.
15
                         MR. HARRINGTON: Says it "may not be
16
       included in energy service rates". It doesn't say "it has
17
       to be", one way or the other, though, correct?
18
                         CHAIRMAN HONIGBERG: "So, other than the
19
       legislation and the Agreement, is there anything else that
20
       prevents it?" That's your question?
21
                         MR. HARRINGTON: Yes.
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                         CHAIRMAN HONIGBERG: All right. Senator
23
       Bradley.
24
    BY THE WITNESS:
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    Α.
          (Bradley) Commissioner Harrington, you were once a
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          Commissioner. Let me ask you the question. Do you
 3
          think that's realistic that could ever happen?
     BY MR. HARRINGTON:
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 5
     Q.
          As we move to a competitive market, yes, it certainly
 6
          could be.
 7
                         CHAIRMAN HONIGBERG: Well, one of the
       cool things about this process is the people out there ask
 8
 9
       the questions, and the people up here answer them.
10
                         [Laughter.]
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                         MR. HARRINGTON: It wouldn't be the
12
       first time Jeb and I sparred a little, but --
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                         CHAIRMAN HONIGBERG: I'm well aware of
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       that, Commissioner Harrington.
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                         MR. HARRINGTON:
                                          I was just trying to
16
       get the point across that there is another option here.
17
       And, that's the end of my questions. Thank you very much.
18
                         CHAIRMAN HONIGBERG: All right. Let me
19
       confirm that the other counsel -- ah, Mr. Boldt has
20
       changed his mind. Mr. Boldt, do you have questions for
21
       the panel?
22
                         MR. BOLDT: I, unfortunately, have to,
23
       your Honor. Very briefly.
24
     BY MR. BOLDT:
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Q. On behalf of the City of Berlin and the Town of Gorham,

I'll ask first the senators, are you aware of the City

and Town's position in support of the Settlement

Agreement currently before us, in part, because the PPA

with Burgess Biomass is not being divested?
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6 A. (Feltes) Yes.

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- Q. And, that was a very important and key crucial element for the City's support, are you aware of that?
- 9 A. (Feltes) Well, I won't get into the context of 10 settlement discussions, but --
- 11 Q. In the give-and-take back and forth amongst all issues?
- 12 A. (Feltes) It was an important issue for many people and
  13 many parties.
  - Q. And, if anybody on the panel can answer this one, if the over-market charges associated with either of the two PPAs being retained are kept only with default service provided customers, as opposed to spread amongst all of the ratepayers in a non-bypassable charge, does that mean that fewer customers are paying for that over-market or less customers -- or, more customers?
- A. (Feltes) I think it's both fewer and less, not more.

  MR. BOLDT: Okay. Thank you. My

  English major in me reared its ugly head. Thank you.

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1
                         CHAIRMAN HONIGBERG: All right.
 2
       else? Last call on the lawyers?
 3
                         MS. ROSS: I would like to redirect, if
 4
       there's an opportunity.
 5
                         CHAIRMAN HONIGBERG: After the
 6
       Commissioners get their licks in.
 7
                         MS. ROSS: Oh, sorry. Yes.
 8
                         CHAIRMAN HONIGBERG: Commissioner
 9
       Iacopino and Commissioner Bailey both assured me that they
10
       don't have a lot of questions to ask. So, we're going to
11
       try and press through and finish with this panel.
12
       Commissioner Iac -- I'm sorry, Commissioner Bailey.
13
                         COMMISSIONER BAILEY: Thank you. Good
14
       afternoon.
15
     BY COMMISSIONER BAILEY:
16
     Q.
          The costs that we've just been talking about, would you
17
          define those as part of the cost of divestiture? What
18
          are the costs of divestiture, referred to in 369-B:3-a,
19
          II?
20
          (Feltes) Commissioner Bailey, I don't know if this
     Α.
          answers your question, but I'll try. Included in the
21
          stranded costs include, by statute, stranded cost
22
          deferrals, transaction costs, tax liabilities, employee
23
          protections, payments in lieu of taxes, and other
24
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1
          expenditures as contemplated in the 2015 Settlement
 2
          Proposal, if approved by the Commission.
 3
                         So, the PPAs are in the Settlement
 4
          Proposal. And, if you and your colleagues choose to
 5
          approve the over-market, then it would be captured
 6
          within the stranded costs.
 7
          And, the stranded costs are part of the divestiture
     Q.
 8
          costs?
          (Feltes) Correct. Yes.
 9
10
          Which we need to fairly allocate. And, your proposal
     Q.
11
          is one way to do that?
12
          (Feltes) Correct.
     Α.
13
                         COMMISSIONER BAILEY: Okay. I think
14
       that's all I have. Thank you.
15
                         CHAIRMAN HONIGBERG: Commissioner
16
       Iacopino. Oh, Commissioner Bailey says she has another.
17
       Commissioner Iacopino, so, you can --
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                         COMMISSIONER BAILEY: Sorry.
19
     BY COMMISSIONER BAILEY:
20
          I just want to ask some general questions about the --
     Q.
21
          maybe what the senators believe that this rate design
22
          will have on the impact on the economy in PSNH's
23
          territory?
24
          (Bradley) We think that, given the high electric rates
     Α.
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[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

that we've labored under for -- within PSNH's service territory, that this global Settlement is the most equitable way of allocating all of those costs to all customer classes, but, most importantly, through the rate design, protecting the economy of the State of New Hampshire and the jobs-producing sector, while being more than fair to residential ratepayers, because they will see lower rates.

- Q. And, how does it -- it affects the economy, because of the lower rates, people have more money in their pocket, that kind of thing, or --
- A. (Bradley) Well, that's one impact. But, also, by ending the uncertainty to the largest customers, that had the ability to increase production in other states, if not pick up and move, because electric rates are a key focal point for large manufacturers and large businesses in the state. By implementing this Settlement and reducing the uncertainty around electric rates in Eversource's territory, we hope that that will help us retain and increase employment.
- A. (Feltes) And, Commissioner Bailey, I would just add to it and echo what RESA and NEPGA testified to earlier, in terms of the value of competition in PSNH's service territory. And, that goes, in part, to the PPA

question, too. If the PPAs are just on default service, in terms of price signal, rather than distributing across all distribution customers, that, in our view, helps facilitate competition, which helps the economy in PSNH's service territory.

"consider", as the statute says, "consider the impacts", there are other positive impacts that were embedded. As mentioned earlier, the comprehensive worker protection, as you divest the plants, we need to look out for the workers at those plants. And, a lot of work went into the Appendix B to the Settlement Agreement between Eversource and the Union, and also other employees non-Union that are affected by divestiture, then, obviously, the municipalities that are in PSNH's service territory are also affected. So, we thought about that, too, in terms of the property tax stabilization piece of the Agreement.

So, all of these were things that folks thought about, in terms of trying to help meet that benchmark of positive economic benefits.

Q. Okay. And, does anybody want to summarize your position about the impact on all PSNH customer classes of this rate design?

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

- A. (Frantz) I'd only add that I think the rate design, as
  I've said before, is fair, and I think it's balanced,
  and, taken as a whole, works for all customers, and not
  just the large C&I customers.
  - Q. Thank you. And, I assume that the ability to attract and retain employment across industries, the answer would be similar, although let's talk about across industries maybe a little bit?
- 9 A. (Frantz) I think we'll address some of that in the REMI testimony that I'll be part of that panel also.
- 11 Q. Okay. Thank you.

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- 12 A. (Frantz) We can go into some detail on that at that point.
- 14 Q. All right. Senator Feltes, do you have something?
- 15 Α. (Feltes) Well, just in addition to that, Commissioner 16 Bailey, as I mentioned earlier, the REMI output 17 indicate jobs value across industries. But there's 18 also qualitative inputs, like, for example, the 19 Business & Industry Association, their support, 20 representing all businesses, who are, you know, 21 employing people. And, then, other inputs that we 22 received throughout the process, including the vast 23 array of stakeholders who signed onto the Agreement.

So, that would be the only addition to

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1
          that. I don't know if Senator Bradley has anything
 2
         else?
 3
          (Bradley) No. I think it's been covered.
    Α.
         Okay. Just an administrative question. Did you say
 4
     Q.
 5
         that the BIA letter was attached to your supplemental
 6
         testimony?
 7
          (Feltes) It's attached as "Attachment A" to the
    Α.
 8
         rebuttal testimony, P.
                         COMMISSIONER BAILEY: All right. I'm
 9
10
       going to have to -- I don't have that. I think I'll find
11
       it, though. Thank you.
12
                         WITNESS FELTES: Okay. If you don't,
13
       we'll --
14
                         WITNESS BRADLEY: We can get it.
15
                         WITNESS FELTES: -- we'll get it.
16
                         COMMISSIONER BAILEY: I'm sure the
17
       Commission has it.
18
                         SP. COMMISSIONER IACOPINO: It's Exhibit
19
       P.
20
                         COMMISSIONER BAILEY: P? Oh.
21
                         SP. COMMISSIONER IACOPINO: I'm sorry.
22
       Yes, Exhibit P, Attachment A.
23
                         COMMISSIONER BAILEY: Okay. Thank you.
24
       I've got it.
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1 CHAIRMAN HONIGBERG: It's not in mine. 2 COMMISSIONER BAILEY: And, it's not 3 attached to my copy, but I'll find a copy. Thank you. 4 CHAIRMAN HONIGBERG: Commissioner 5 Iacopino. 6 SP. COMMISSIONER IACOPINO: Thank you. 7 Thank you, Mr. Chairman. 8 BY SP. COMMISSIONER IACOPINO: I want the panel to address one of the arguments that's 9 10 made by Mr. Chagnon about the fairness of the rate 11 design. He makes an argument, essentially, at Page 7 12 of his testimony that the smaller ratepayers, over 13 the -- since 2000-2001, whenever the other, the 1999 14 Agreement went into effect, and we sort of embarked on 15 the restructuring, the smaller ratepayers are the ones 16 that really haven't been able to take the benefit of 17 that over the last, I guess, however many years it's 18 been. And, he makes an argument that we should 19 consider a different -- a more equi-proportional rate 20 distribution than is suggested in the Settlement Agreement. Can you all address that particular 21 22 argument? 23 (Frantz) Well, it's true that, as we started electric Α.

restructuring and retail choice, pretty much as we

thought, the competitive electric power suppliers would come in first for the larger commercial/industrial accounts. And, that's exactly what happened.

Although, that took some time, because, for a little while, for a number of years, PSNH's default service rate was actually lower than the market. But that changed. There's a lot of competitive electric power suppliers registered in New Hampshire to do business.

And, though, many went for the larger accounts, that really did change, that there are many competitive electric power suppliers now that sell to residential customers. So, for the last even four or five years, there has been a lot of retail choice for residential accounts.

A. (Antonuk) And, I think, even in the absence of the phenomenon that Tom's talking about, residential ratepayers derived a very substantial benefit out of the embarcation on restructuring that you mentioned, through securitizing stranded costs at that time, and also through the retention of the power plants, which, at that time, were below market, and remained below market for a substantial time.

So, I don't have an argument with the notion that an option to go to other sources was not

1 available to them in the same degree as others. 2 think it would be wrong to kind of see them, in any 3 respect, as kind of victimized by that Settlement. I think that was all to the good, and the retention of 4 5 the plants particularly, for the period during which 6 they were below market, I think brought unique benefits 7 to those small customers who did remain on default service. 8

- 9 Q. Anybody else kind of want to respond?
  - A. (Bradley) I think we've covered that already, in talking about the rate design, which we feel is fair to all the customer classes, as well as protecting the state's economy.
  - Q. Mr. Brennan, there's a suggestion by one of the witnesses to come that the Office of Consumer Advocate has been pressured politically in taking the position that you've taken. Is that the case?
  - A. (Brennan) No.

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SP. COMMISSIONER IACOPINO: And, then,

Mr. Chairman, with your permission, can I ask a couple

questions just about the auction, while I have Mr. Frantz

and Mr. Antonuk here?

23 CHAIRMAN HONIGBERG: Go ahead,
24 Commissioner Iacopino.

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

SP. COMMISSIONER IACOPINO:

Okay.

Thank

2 you.

BY SP. COMMISSIONER IACOPINO:

- Q. I neglected to ask you guys yesterday, it's my privilege to do it today, about the notion that the auction anticipated by the Settlement Agreement is, the way that I read it, is basically conducted by the Public Utilities Commission. And, I guess I would like your input on my concern that that takes the prudence and management of the Company out of the equation, if there is a problem during the course of that, that auction. And, I understand that both of you were involved way back when in Seabrook. So, I'd like your input on that.
- A. (Frantz) I think it makes sense for the Commission to actually be in charge of it. I think it gives potential bidders more comfort. I think it gives, and I won't speak for the two senators here, but I'm pretty sure it gives a lot of the people at the Legislature more comfort that the Commission is actually in charge of it. We expect the Company to work closely with us.

And, I think, if the Company was in charge of the auction, we would still be deeply involved in it, and looking at decisions and walking

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

through it. But I think it complicates the process of an auction. I think this is cleaner, more transparent, and better, to actually have the Commission involved.

It does increase the workload of the Commission, and it definitely takes away that potential of a disallowance or a prudence investigation of the costs of getting the plants ready.

But, overall, I think it makes sense.

And, that's the way we did it in Seabrook. And,
there's always the question "is there some kind of
potential sale or deal going on between Eversource and
some other company that we don't know about that might
have interest in the assets?" And, so, this takes that
out of there.

A. (Antonuk) Yes. I think the overriding issue to me is that this is all about customer money, it's not PSNH's money anymore. Whatever the auction brings has no impact on their bottom line, but it really substantially affects the customer bottom line. The approach of "Commission-sponsored" has worked successfully here, it's worked successfully other places. And, in fact, the Seabrook auction was managed jointly by the Connecticut and the New Hampshire Commission, because the CL&P -- CL&P? -- at the time

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

had a substantial interest in Seabrook.

I took one of your concerns to be kind of the risks and the relative risks of the Company doing it, versus the Commission doing it. I think there is a risk that the auction will go bad whoever manages it. I don't think that risk is material if there's a Commission selection process, which there was when Seabrook was sold, and if there's active oversight by a Staff team dedicated to monitoring it.

I compare that to the risk of -- the risk of, as I've been describing it this way, how likely is it, if there is a defect in the process run by the Company, that it will be discovered in any event? So, while I can kind of see your point about putting the risk on them, I don't put a lot of confidence in the fact that the way these auction processes look -- operate that that will be discoverable through some after-the-fact regulatory process in any event.

Contrast that with the Commission kind of being aware of every step as it proceeds, I think that gives you real-time knowledge of what's going on.

And, as Tom, I think, demonstrated pretty well, the confidence of the bidders is important

[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

here, too. And, that confidence is, I think, very substantially affected by the Commission running the audit, which I believe gives the bidders a higher level of confidence that their confidential information will not -- is less likely to fall into the hands of someone with whom they may compete, which is any of the Eversource entities.

A. (Frantz) If I may just add, that said, what I basically said, I think it could be successful both ways. I just think, from, potentially, from a bidder's perspective, it may be more valuable to have the PUC in charge of it.

SP. COMMISSIONER IACOPINO: Thank you.

I have no other questions.

# BY CHAIRMAN HONIGBERG:

Q. Mr. Brennan, I want to pick up on something that I think Mr. Cunningham was asking you about, why you're in support of this. What I got from what you said, I was trying to write it quickly, was that we're moving from a status quo position, where the residential ratepayers carry roughly 65 percent of a large and unknown amount going forward, whereas, in this, under the Settlement, you're looking at roughly 48 percent of something that isn't known today, but will be known and

- will be capped at that amount. Is that essentially what you're saying?
  - A. (Brennan) Yes.

- Q. All right. Thank you for clarifying that. And, Mr. Antonuk, Senator Feltes, both made allusions to this being a part of a larger deal. And, Mr. Antonuk, in particular, you talked about the dangers of the Commission tinkering with it. The Legislature has told us to look at this. And, it's a little unclear to me how you square your testimony with our charge under RSA 369-B:3-a. We have a responsibility here. And, it's a little unclear how you think we should fulfill that?
  - A. (Antonuk) I gave this a lot of thought last night,

    because I figured I'd get a chance to make that point,

    and I anticipated your question. I think, to me, it's

    a balance between the level of any concern you may have

    about -- about the rate structure, versus what is the

    impact of a change that basically has the tendency to

    sort of have some people who went along with this

    through the legislative process, and now find that what

    was interesting or important to them is now no longer

    part of the arrangement, what does that mean the next

    time there's a deal for a change that's going to take

    both your action and the Legislature's action?

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By no means did I intend to say that I think you're hamstrung. All I'm sort of saying I think is, when you think about any level of discomfort you have with the rate structure, to what degree should you also consider the fact that we only got to this stage to begin with by having a number of people come together, people with widely disparate interests. And, will there or won't there be a barrier in the future to this kind of an arrangement, when someone knows that there's a two-stage process, that they may get -- they may help get it to the first stage, and then find they're left behind at the second stage. And, again, I don't think that says you "can't act differently". Obviously, the law says you can, and I believe the law should say that. I think that's right. I think you occupy a different position. All I'm saying is I think one of the things that's important to keep in mind here is that it

took a coalition to get us here. It may take a coalition to get us across the next bridge or across the next gulf that comes up. And, they do tend to come up, in my experience, every 20 years, you probably see them more frequently.

And, so, all I'm saying is I think you

just need to kind of factor in how serious are your

problems with the rate structure, before you decide

that it's worth it to undo the deal. Can you decide

that and are you empowered to decide that? And, do I

think you should be empowered to decide that?

Absolutely.

- Q. I think the last thing you said is maybe the answer to my next question, which is could the Legislature have answered all of these questions itself through the legislative process?
- A. (Antonuk) I think this this is the classic process of making an omelette. Eggs get broken, and there are messes to clean up along the way. It's not pretty and it's not clean. And, we just have to do the best we can to try to take it a step at a time.

So, yes, the Legislature could have taken a different approach. We could have come to you -- theoretically, I guess we could have come to you first, and then go on to the Legislature, which was really more the model for the -- for the 1999 arrangement?

22 A. (Bradley) '89. Yes.

23 A. (Antonuk) Yes. So, yes, they could have done a lot of 24 things differently. I'm certainly happy with what they

Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]

did do, because it's a big part of why we're here today.

Q. Senator Bradley.

A. (Bradley) Well, I would add, the Settlement has tension in it between competing interests. The law needs to allow the flexibility that you have, that we've written into the law, that you may approve or reject the Settlement, or condition its approval on a modification of terms.

We're here to argue, though, that we feel, as Settling Parties, in particular on the rate design, that we have balanced those interests, and we hope you will concur with that.

Obviously, the Legislature wanted, like all functions of government, a check-and-balance. You have that opportunity, you have that authority. But I think that, as we have had this discussion today and, certainly, at the State House, the needs that are incorporated into the rate design are very important, and reflect a balance that I think we achieved. We hope you concur.

CHAIRMAN HONIGBERG: Thank you. That's all I have.

Attorney Ross, I know you wanted to

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1 follow up with Mr. Frantz.
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- 2 MS. ROSS: I had some very quick
- 3 redirect, and you've already heard it, but I will repeat
- 4 it, because a lot has happened.

## REDIRECT EXAMINATION

6 BY MS. ROSS:

- 7 Q. Tom, you were questioned -- I'm sorry, Mr. Frantz, you were --
- 9 A. (Frantz) I'll answer to either.
- 10 Q. Mr. Frantz, you were questioned earlier about whether
  11 or not customers would be better off post divestiture,
- and you answered based on some earlier analysis that
- you had done with La Capra. And, I'm asking you if you
- might just bring your response forward and tie it to
- the Brattle -- the current Brattle Group analysis that
- is before the Commission?
- 17 A. (Frantz) And, the answer is the same, yes. And,
- actually, for the economic questions, we'll get into
- that and show that, when REMI and -- when the panel on
- 20 REMI actually takes the stand.
- MS. ROSS: Thank you. That's all I
- have.
- 23 | WITNESS FRANTZ: I actually did want to
- 24 | clarify one thing about my testimony.

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1
                         CHAIRMAN HONIGBERG: Yes, Mr. Frantz?
 2
                         WITNESS FRANTZ: And, it has to do with
 3
       an exhibit. And, it was on migration. Which I think is
 4
       marked as "I". Says, when I sort of winged it at
 5
       "68 percent" or "70 percent", it's very clear, based on
 6
       that exhibit, that it's about 80 percent of customers are
       on default service. And, I think that exhibit speaks for
 7
       itself.
 8
 9
                         CHAIRMAN HONIGBERG: It may speak for
10
       itself. But, since we can't find it, we're going to have
11
       to take your word for it. Any idea what exhibit that is?
       Anybody know?
12
13
                         MS. ROSS: I think that was actually --
14
       it may have been attached to the rebuttal testimony that
15
       isn't actually filed. But what we can do is we can give
16
       it a number, and we can put it in the record and mark it
17
       for identification. Unfortunately, I gave my only copy to
18
       Tom.
19
                         CHAIRMAN HONIGBERG: All right.
20
       going to ask you to work --
21
                         MS. ROSS: So, we can do that over the
22
       lunch break.
23
                         CHAIRMAN HONIGBERG: Yes, work on that
24
       over the lunch break.
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1
                         Does any of the other lawyers who have
 2
       witnesses up there need redirect with their witnesses?
                         [Show of hands.]
 3
 4
                         CHAIRMAN HONIGBERG: I see Mr. Aslin's
       hand. Is there going to be anybody else?
 5
 6
                         [No response given.]
 7
                         CHAIRMAN HONIGBERG: All right,
 8
       Mr. Aslin.
                         MR. ASLIN: Thank you, Mr. Chairman.
 9
10
       Very briefly. I just wanted to clarify one question to
11
       the panel.
12
     BY MR. ASLIN:
13
          When we were talking about over-market costs from PPAs
14
          earlier, the panel answered whether those over-market
15
          costs come from both the existing PPAs, or just from
16
          one or the other?
17
     Α.
          (Frantz) No. The one PPA is actually a below-market
18
          PPA, based on the structure of that, up to a certain
19
          level of market prices. And, that's the Lempster Wind
20
          Project.
21
     Q.
          So, over-market costs only come from the Burgess PPA,
22
          potentially?
23
          (Frantz) Yes. Based on the contract for the wind
     Α.
24
          project, it's possible during certain hours to be
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	[WITNESSES: Bradley~Feltes~Chung~Brennan~Antonuk~Frantz]
1	actually over-market. But it's structured, in general,
2	to be below-market for most hours.
3	MR. ASLIN: Thank you nothing further.
4	CHAIRMAN HONIGBERG: All right.
5	Gentlemen, thank you. I think we are going to be resuming
6	this afternoon with Mr. Chagnon. And, we're going to come
7	back as close to 2:15 as we can. We are adjourned.
8	(Lunch recess was taken at 1:16 p.m.)
9	(This concludes the <b>Morning Session</b> of
10	Day 2 regarding DE 14-238 & DE 11-250.
11	Please note that the Afternoon Session
12	is being provided <b>under separate cover</b>
13	so designated.)
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