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1	STATE OF NEW HAMPSHIRE
2	SITE EVALUATION COMMITTEE
3	
4	August 25, 2010 - 9:11 a.m. DAY 3
5	Public Utilities Commission 21 South Fruit Street MORNING SESSION ONLY
6	Suite 10 Concord, New Hampshire
7	
8	RE: Application of Laidlaw Berlin
9	BioPower for a Certificate of Site and Facility for a 70 MW
10	Biomass Fueled Energy Facility in Berlin, Coos County, New
11	Hampshire. (Hearing on the merits)
12 13	PRESENT: SITE EVALUATION SUBCOMMITTEE: Thomas Burack, Cmsr. Dept. of Environmental Services (Presiding as Chairman)
14	Amy Ignatius, Cmsr. Public Utilities Commission
15	William Janelle, Asst. Dir. Dept. of Transportation Elizabeth Muzzey, Dir. N.H. Div. of Historical Res.
16	Harry Stewart, Dir. Water Division - DES Craig Wright, Asst. Dir. Air Resources Division - DES
17	Donald Kent, Administrator Dept. of Resources & Econ. Dev. Christopher Northrop Office of Energy & Planning
18	Michael Harrington Public Utilities Commission
19	* * *
20	Counsel for the Committee: Michael J. Iacopino, Esq.
21	Counsel for the Committee: Michael J. Iacopino, Esq. Kristin L. Clouser, Esq.
22	
23	COURT REPORTER: STEVEN E. PATNAUDE, LCR No. 52
24	

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2
    ALSO PRESENT:
3
    REPTG. THE APPLICANT:
                                       Barry Needleman, Esq.
    (Laidlaw Berlin BioPower)
                                       Gregory H. Smith, Esq.
                                       Cathryn E. Vaughn, Esq.
 4
                                       (McLane, Graf, Raulerson
5
                                       & Middleton)
                                       Peter D. Van Oot, Esq.
6
    REPTG. CITY OF BERLIN:
                                       Merritt Schnipper, Esq.
7
                                       (Downs Rachlin Martin)
8
    REPTG. CLEAN POWER DEVELOPMENT:
                                       James T. Rodier, Esq.
9
    COUNSEL FOR THE PUBLIC:
                                       K. Allen Brooks, Esq.
                                       Peter C. L. Roth, Esq.
10
                                       Senior Asst. Attys. General
                                       N.H. Dept. of Justice
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2		EXHIBITS	
3	EXHIBIT NO.	DESCRIPTION PAGE 1	10.
4	COMM. 1A	NewCo Energy, LLC Balance Sheets 6 As of Dec. 31, 2009 & Aug. 16, 2010	
5	COMM. 7	An Assessment of Biomass Harvesting 6	
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PROCEEDING

(Hearing resumed at 9:11 a.m.)

CHAIRMAN BURACK: Good morning. I'm going to call to order today's session of the New Hampshire Site Evaluation Committee, in our SEC Docket Number 2009-02, Application of Laidlaw Berlin BioPower, LLC, for a Certificate of Site and Facility for a 70 megawatt biomass fueled energy facility in Berlin, Coos County, New Hampshire. Again, my name is Tom Burack. I serve as Chair as this Committee and Subcommittee. And, at this time, I would like to ask Attorney Iacopino, Counsel to the Committee, if he would please place some documents into the record and have them marked.

MR. IACOPINO: Thank you, Mr. Chairman. The first exhibit that we have is a request from the Committee, a data request from the Committee to the Applicant. It has been marked as "Committee Exhibit 1A". It is entitled "NewCo Energy, LLC Balance Sheets, as of December 31, 2009 and August 16, 2010". And, I'm going to pass copies of that around to the Committee. A couple of them have already been marked, but you may have to put markings on it. It's "Committee Exhibit 1A".

The next exhibit is also in response to a request from the Chair during the proceeding. This is

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to be marked as "Committee Exhibit Number 7". It is
1
      entitled "An Assessment of Biomass Harvesting Guidelines",
 2
      by Alexander M. Evans and Robert T. Perschel,
 3
      P-e-r-s-c-h-e-l, from the Forest Guild, January 2009.
 4
      And, I will pass those out to the Committee as well. And,
5
      again, that is "Committee Exhibit 7".
 6
 7
                         And, finally, we have "Committee Exhibit
8
      8", which is a document that was requested by the
      Committee of the Applicant during the course of these
9
      proceedings.
                    It is entitled "Revised Assessment of
10
      Biomass Harvesting and Retention Guidelines", by Alexander
11
      M. Evans, Robert T. Perschel, Brian A. Kittler,
12
      K-i-t-t-l-e-r, from the Forest Guild, and it is dated
13
      April 2010. And, again, I'll pass that out to the
14
      Committee, and that would be "Committee Exhibit Number 8".
15
                         So, those are all the new exhibits.
16
17
                         (The documents, as described, were
                         marked as Committee Exhibit 1A,
18
                         Committee Exhibit 7, and Committee
19
20
                         Exhibit 8, respectivelyfor
21
                         identification.)
22
                         (Dammon Frecker recalled to the stand,
23
                         with Louis Bravakis & Curtis Richmond.)
24
                         CHAIRMAN BURACK:
                                           Good morning.
                                                          We are
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going to continue with the panel that we were speaking
1
 2
      with yesterday, that includes Messrs. Bravakis, Richmond,
      and we have also asked Mr. Frecker up to join this panel
 3
      this morning. The gentleman from LandVest, Mr. Mongan, is
 4
      not here today. But what I'd like to do here is,
5
      Mr. Frecker, ask you if you are in a position to respond
 6
 7
      to the two questions that were deferred to you from
8
      yesterday?
                        WITNESS FRECKER:
9
                                           I am.
                        CHAIRMAN BURACK: Do you know precisely
10
      what those questions are?
11
                        WITNESS FRECKER:
                                          I think it would be
12
      helpful if you could restate them.
13
14
                        CHAIRMAN BURACK: I will ask our counsel
      to restate them. My recollection --
15
                        MR. IACOPINO: I've got it.
16
17
    BY MR. IACOPINO:
         Mr. Frecker, yesterday I was asking about a calculation
18
    Q.
19
         performed by Clean Power Development contained on Page
20
         9 of CPD Exhibit Number one, which is the testimony of
         Mr. Liston. And, do you have that before you?
21
22
        (Frecker) I do.
    Α.
         All right. I draw your attention to the bottom of
23
    Q.
24
         Page 9. There is a letter authored by Peter
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Bloomfield, PE, dated May 6, 2010, which comes up with a calculation of the usage that your proposed plant would use of 823,700 tons per year. And, the question that had been referred to you was whether or not you agreed with the premises of the assumptions made by Mr. Bloomfield and the conclusions that he draws with respect to the potential usage of biomass facility biofuel by the proposed project?
```

A. (Frecker) Yes. In answering that question, I think it might be helpful if the Committee could look at the Applicant's Exhibit Number 48, which is the revised Air Permit application submitted in May of 2010.

MR. IACOPINO: Now, it would be the first exhibit in the second volume of exhibits from the Applicant.

MR. HARRINGTON: It's not confidential, right?

MR. IACOPINO: No, it's not.

19 BY MR. IACOPINO:

- Q. Do you have a particular page, Mr. Frecker?
- A. (Frecker) Yes. Specifically, I direct your attention first to Page 3. And, Section 2.1, which is titled "Biomass Boiler & Steam Generator". And, if you go down to the third paragraph in that section, that

 $\{SEC\ 2009-02\}\ [Day\ 3/Morning\ session]\ \{08-25-10\}$

begins with "The boiler will be capable of firing whole tree chips", about the third sentence in that paragraph states "The heat input rate to the boiler will vary depending [upon] the moisture content of the wood fuel." The next sentence states "The average heat input rate at maximum steam load will be 932 MMBtu per hour", which was based upon a 37 percent -- a "37.6 percent moisture content fuel." The next sentence states that "The maximum heat input rate will be 1,013 MMBtu per hour with a 50 percent moisture content fuel." So, what is presented here is that the heat input rate to the boiler will vary depending upon the moisture content of the fuel.

And, if you go further to Page 9 in the same exhibit, Section 3.0, titled "Facility Emissions", in the second paragraph, about halfway down, it states that "The maximum short term emission rates...are derived from the maximum emission rates for each pollutant [on a] pound per MMBtu basis", and "the maximum heat input rate of the boiler 1,013 MMBtu per hour." So, the maximum short term pound per hour emission rates were based upon that 1,013 MMBtu per hour, which is the heat input rate that is used in Mr. Bloomfield's calculation.

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If you go to the next paragraph, in the next to the last sentence, it states "The average annual heat input rate for the boiler [is] 932 MMBtu per hour." So, what we've done, for the purposes of evaluating air emissions, is we've used a short-term "worst case" operating condition, the highest expected moisture content of 50 percent, in order to be able to estimate what the maximum short term pounds per hour emission rates are that might be measured during an emissions testing program, and also to evaluate the short-term ambient air quality impacts of the Project. National ambient air quality standards have various averaging periods that range from one hour to three hours to eight hours to twenty-four hours. So, using that maximum short term heat input, and resulting in the maximum short term emission rates, allows us to very conservatively evaluate the air quality impacts of the Project against those short-term ambient air quality standards.

However, as has been discussed here at length, nobody anticipates that the average annual fuel moisture content will be 50 percent. In fact, it's been talked about it being as fired on the order of 42.5 percent. And, so, for the purposes of calculating

the annual total potential emissions of the Project in tons per year, we used something that comes closer to that annual average fuel moisture content and annual average heat input rate. And, this is a very common practice in air permitting. I have been doing this for over 25 years. And, it's very standard for a variety of air emission sources to present "worst case" short term emission rates in operating conditions, and to present, for the purposes of evaluating annual emissions and air quality impacts, annual average operating conditions.

So, with that background, looking at Mr. Bloomfield's letter and his calculation, you can see that what has been done here is essentially to use a short-term "worst case" operating condition of 1,013 MMBtus per hour of heat input, based upon that "worst case" short-term fuel moisture content of 50 percent, to calculate an annual fuel consumption for the Project. So, essentially, that calculation uses a short-term condition to calculate an annual outcome, which I don't believe is appropriate. And, in fact, if you used an annual average heat input rate closer to the annual average fuel moisture content, you would find that you would calculate a number very close to

- the 750,000 ton per year that Laidlaw has always talked about.
- 3 Q. Have you done that calculation?
- 4 A. (Frecker) Yes, I have.
- Q. What did you come up with when you performed the calculation? And, why don't you explain to us the variables that you put into it.
- 8 Α. (Frecker) And, again, I think that's a very good point, is it's important to be doing all of these calculations 9 in I guess what you could call an "apples-to-apples 10 basis", of looking at the same consistent fuel moisture 11 12 content, the same consistent heat input rate, the same consistent capacity factor. And, when you do that at a 13 42.5 percent fuel moisture content, you come out with a 14 number that looks pretty close to 722,000 tons per 15 16 year.

CHAIRMAN BURACK: Could you walk us through those calculations please in more detail?

WITNESS FRECKER: Sure. Sure.

20 BY THE WITNESS:

17

18

19

A. (Frecker) The engineers for the Project gave us these
heat input rates of 1,013 -- B&W essentially gave us
these heat input rates of 1,013 MMBtu per hour at 50
percent, 932 MMBtu per hour at 37.6 percent. If you

interpolate between those two numbers, to get a

42.5 percent moisture content fuel, you'll calculate a
heat input rate of about 938.5 MMBtu per hour. Based
upon the analysis of fuels that were provided to B&W
that were represented to be representative of the
Project, B&W provided us with heating values of the
fuel. So, rather than using theoretical data, we based
it on actual analysis of regional fuels, and that gave
us a heating value of 4,980 Btus per pound for that
fuel.

CHAIRMAN BURACK: I'm sorry, "4,980"?

WITNESS FRECKER: That's correct.

CHAIRMAN BURACK: And, again, that's

Btus per ton?

WITNESS FRECKER: Per pound of fuel.

CHAIRMAN BURACK: Per pound of fuel.

17 Thank you.

18 BY THE WITNESS:

A. (Frecker) So, if you then take the Btus per hour, and you multiply it by the -- thank you -- if you divide it by the heating value in Btus per pound, you'll come up with the pounds per hour of fuel.

CHAIRMAN BURACK: I'm sorry. Walk us through which numbers you're dividing by which numbers

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1
      please.
 2
                         WITNESS FRECKER:
                                           I'm sorry. Take the
      938.5 MMBtu per hour, --
 3
 4
                         CHAIRMAN BURACK:
                                           Okay.
5
                         WITNESS FRECKER: -- divide it by the
      4,980 Btus per pound.
6
 7
                         CHAIRMAN BURACK:
                                           Okay.
8
                         WITNESS FRECKER: That gets you pounds
      per hour of fuel.
9
                         CHAIRMAN BURACK: And, what is that
10
11
      number?
                         WITNESS FRECKER: I have not done that
12
      intermediate calculation.
13
14
                         CHAIRMAN BURACK:
                                           Okay.
15
                         WITNESS FRECKER: But I can tell you
      that, if you then multiply that by 8,760 hours per year,
16
17
      which is the total number of hours in a year, and then
      multiply that by an 87.5 percent capacity factor, that
18
19
      gets you the total pounds of fuel fired in the year. And,
20
      you divide that by 2,000, that will get you to tons per
21
      year.
22
                         CHAIRMAN BURACK: Can you point to us
23
      anyplace in any of the submittals where those calculations
      are all laid out?
24
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{SEC 2009-02} [Day 3/Morning session] {08-25-10}

	15
1	WITNESS FRECKER: No, they are not.
2	CHAIRMAN BURACK: Okay. Would you
3	please put those on paper for us and submit that to us as
4	an additional exhibit?
5	WITNESS FRECKER: I'd be glad to.
6	MR. HARRINGTON: Excuse me,
7	Mr. Chairman, could I just could you do that at 45
8	percent moisture content as well please?
9	WITNESS FRECKER: I have. And, at
10	45 percent moisture content, I can tell you that it
11	calculates to about 760,000 tons per year.
12	MR. HARRINGTON: Okay. Could you submit
13	that one as well?
14	WITNESS FRECKER: I can.
15	MR. HARRINGTON: Thank you.
16	CHAIRMAN BURACK: So, again, would you
17	please just review those numbers. At a 45 percent
18	moisture rate or, moisture content it is 700 and
19	WITNESS FRECKER: 61,000.
20	CHAIRMAN BURACK: All right. And, what
21	is at a 42.5 percent moisture rate?
22	WITNESS FRECKER: 722,000.
23	CHAIRMAN BURACK: Thank you. Any other
24	questions from the Subcommittee on this calculation issue?

{SEC 2009-02} [Day 3/Morning session] {08-25-10}

(No verbal response)

CHAIRMAN BURACK: Okay.

BY MR. IACOPINO:

- Q. The next question that had been deferred to you by Mr. Bravakis, Mr. Frecker, involves Page 12 of Mr. Liston's testimony, at Line 9. And, if you've already answered this in the last question, please let us know, but it looks to be a different calculation to me. Where Mr. Liston says that "Finally, consider that the Air Permit application for Laidlaw Berlin BioPower shows that their calculations are based on a fuel flow rate of 124.9 tons per hour." And, then, he comes up with the conclusion that, if there's "7,603 hours" that you're operating, the annual consumption would be "949,615 tons of biomass".
- A. (Frecker) And, if -- give me just one moment. If you go to, in Exhibit 48, if you turn to the section with the "Application Forms", which is Section 8, Page 60.

 And, the first three pages are a Form ARD-1, just flip past those, and look at the Form ARD-2, which, in Section 1, "Equipment Information", identifies the device as the "wood-fired boiler".
- 23 Q. Yes.
- 24 A. And, in Item A, over on the right-hand column, you see

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a "Gross Heat Input" number of 1,013 MMBtus per hour.
1
         That's that same maximum short-term "worst case"
 2
         emission rate that we talked about. Down below that is
 3
         where the "124.9" tons per hour of fuel comes from that
 4
         is presented in the section of Mr. Liston's testimony
5
         that you just referenced. Again, representing that
 6
 7
         short-term "worst case" operating condition, which has
8
         been used to calculate an annual outcome.
9
         So, in essence, what you're telling us is that you
    Q.
         disagree that the fuel flow rate used by Mr. Liston is
10
         appropriate, because it's a maximum, it's only used for
11
         a short period -- it's a maximum that's only used in
12
         short-term situations?
13
         (Frecker) That is exactly correct. It is fine for use
14
    Α.
         in a short-term outcome. It is not appropriate for use
15
         for an annual outcome.
16
17
                        CHAIRMAN BURACK:
                                           Do you have a sense as
      to what the actual average annual flow rate will be?
18
19
                        WITNESS FRECKER:
                                           I can present that in
      the calculations which you have requested.
20
21
                        CHAIRMAN BURACK:
                                           That would be helpful
22
               Thank you.
      to see.
23
                         CMSR. IGNATIUS: Mr. Chairman?
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CHAIRMAN BURACK: Commissioner Ignatius.

1 CMSR. IGNATIUS: Thank you.

2 BY CMSR. IGNATIUS:

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- Q. While we're on that page, Mr. Frecker, on the page of Mr. Liston's testimony, Page 12, that's where the discussion of the "rule of thumb" of "1.7 green tons of wood, at a 45 percent moisture content" used for some calculations. Is that a rule that you've seen used as a way to kind of approximate fuel consumption in your experience?
- (Frecker) I personally can't pass judgment on that 10 Α. number, because, to me, in my experience, that depends 11 12 a lot upon the design factors associated with the system itself. It's correlating the heat input to the 13 energy output, and that really depends a lot upon the 14 specific design of the project and its overall 15 efficiency. So, I can't pass judgment on that number 16 17 one way or another.
 - Q. Is there an easy calculation you use when you're thinking about a project, without all of the details to do the refined calculation you just gave us, to give a sense of what the fuel consumption might be for a facility?
 - A. (Frecker) Not really. In my practice, we try to stay away from those sort of generalities, because of the

- very specific nature and permit conditions that our numbers lead to. So, we usually look towards the project's design engineers to provide us with that information.
 - Q. So, the calculation you gave us a few moments ago, and you're going to put in writing as an exhibit, are what you would use to be able to estimate fuel usage, rather than the kind of "rule of thumb" calculations that were contained on Page 12 of Mr. Liston's testimony?
 - A. (Frecker) That's correct. As I indicated, the numbers that I have given you for heat input, for the heating value of the fuel, were based upon the specific design of this project. Fuels that were sampled and analyzed to be representative of this specific project, and information presented to us by the design engineers for this specific project.
 - Q. If we took your numbers and tried to calculate what your estimate is on a megawatt per hour basis, how many green tons per megawatt-hour? Have you done that calculation?
- 21 A. (Frecker) I have not, but I can.
- 22 Q. It would be interesting to compare against the 1.7.
- 23 A. (Frecker) Sure.

Q. Is that something you can do right now or you'd would

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1 have to submit later?
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- 2 A. (Frecker) I'd prefer to present that in --
- 3 CHAIRMAN BURACK: Thank you. It would
- 4 be helpful if you would --
- 5 CONTINUED BY THE WITNESS:
- 6 A. (Frecker) -- in the calculations that the Chairman has requested.
- 8 CMSR. IGNATIUS: Thank you.
- 9 CHAIRMAN BURACK: Thank you. That would
- 10 be helpful if you would do so.
- MR. HARRINGTON: Mr. Chairman?
- 12 CHAIRMAN BURACK: Mr. Harrington.
- 13 BY MR. HARRINGTON:
- 14 Q. Maybe to clear up something here. The figure, the 1.7
- there, that seems to be some type of an average that
- 16 people might use for an average wood-burning plant, but
- it doesn't apply to any specific plant, would that be
- 18 correct?
- 19 A. (Frecker) Again, I'm not familiar with the reference
- 20 for this factor. But it sounds to me as though your
- 21 inference is correct.
- 22 Q. So, if the heat rate of the plant, your heat rate is
- somewhere in the 13,000 range, that would be, say,
- drastically different than a plant that had a heat rate

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21
         in the 19,000 range, for example?
1
         (Frecker) I believe that's reasonable.
 2
         So, you really, to get specific, you really have to use
 3
    Q.
         the actual heat rate from the actual plant in question?
 4
5
         (Frecker) That certainly is always my preference.
    Α.
                         MR. HARRINGTON:
 6
                                          Thank you.
 7
                         CHAIRMAN BURACK:
                                           Thank you. Any other
      questions for Mr. Frecker on this set of issues?
8
                        MR. ROTH: Mr. Chairman?
9
                         CHAIRMAN BURACK: Yes, Mr. Roth.
10
11
                                    If I may interrupt, while
                        MR. ROTH:
      he's doing the calculation on the sort of the "rule of
12
      thumb" issue, I wonder if it would make sense for him to
13
14
      do a "rule of thumb" calculation based, as it has been so
      named, based on the use of the two types of potential
15
      fuel, which is the waste tops and branches and stuff
16
17
      versus the whole tree?
                         CHAIRMAN BURACK: The question that I --
18
19
      let me phrase this as a question.
20
    BY CHAIRMAN BURACK:
         Would you anticipate that you would see a difference in
21
    Q.
22
         moisture content between fuel that is derived from tops
         and branches, as opposed to fuel derived from chipped
23
24
         roundwood?
```

- (Bravakis) If I may, Mr. Chairman, I'd like to have 1 Α. 2 Mr. Richmond answer that question.
- (Richmond) We have not seen a significant difference. 3 Α. We supply a pellet plant in Jaffrey with roundwood, and 4 5 we supply our biomass plants with tops and roundwood mixed in, and there's no significant difference.
- 7 Do you have any sense at all as to what the range is 0. 8 between, in which these might be found?
- (Richmond) I don't work that specifically. No, I 9 Α. couldn't. 10
- So, when you say you have "not found a significant 11 Q. difference", is this based on testing that you have 12 done? 13
- (Richmond) Tests, testing coming into the facilities, 14 Α. both the pellet plant and the biomass plant test their 15 moisture contents. 16
- 17 Q. Thank you.

- (Richmond) Now, if your roundwood has been sitting, it 18 Α. 19 would, obviously, dry out. I'm talking a green stem, 20 freshly cut, there's no significant difference.
- 21 CHAIRMAN BURACK: Counsel, do you have 22 any information to suggest that there are significant 23 differences between these two types of fuel?
- 24 MR. ROTH: Just my intuition, Mr.

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Chairman, that a cut branch and limb will dry out much
1
 2
      faster than a stem. And, I guess we don't know what the
      nature of the fuel was that was sent to the manufacturer
 3
      for its analysis and testing for purposes of making these
 4
      calculations.
5
                                           Thank you. Well, I
 6
                         CHAIRMAN BURACK:
7
      think we have asked Mr. Frecker to make these calculations
      at -- on two different moisture contents, I believe at 42
8
      and a half percent moisture content and 45 percent
9
      moisture content. Perhaps it would be helpful if you
10
      could just show us the same calculations at the bottom of
11
      the range, which I think you've said is about
12
      "37.5 percent", is that right?
13
14
                        WITNESS FRECKER:
                                                   I can show you
                                           I can.
      the bracket, the end points, if you will, of the 37.6 and
15
      the 50 percent, which is the data that we started with
16
17
      that was provided by the Project's engineers.
                        CHAIRMAN BURACK: Okay. I think it
18
19
      would be helpful if you could. So, it sounds like we're
20
      looking for essentially the same calculation using four
21
      different moisture factors.
22
                        WITNESS FRECKER:
                                           Yes.
23
                         CHAIRMAN BURACK:
                                           Okay.
24
    BY CHAIRMAN BURACK:
```

- Q. I just want to ask you one other question about this
 that occurs to me. You talked about interpolating
 between 1013, that's 1,013, and 913. Is that a
 straight-line interpolation, or is there some
 mathematical process that's used that's beyond the
 straight-line interpolation that gives you a midpoint?
 - A. (Frecker) We have done that as a straight-line interpolation.
- 9 Q. And, is that the standard methodology as you understand it?
- 11 A. (Frecker) Within the narrow range that we're talking
 12 about for fuel moisture content and heat input, we
 13 believe that that is a reasonable -- it is reasonable
 14 to do that.

CHAIRMAN BURACK: Thank you. I'd now like to offer members of the Subcommittee an opportunity to continue questioning of the panelists as we were working on late yesterday afternoon. And, Mr. Harrington, I believe you were questioning one of the witnesses at that time.

MR. HARRINGTON: Yes.

22 BY MR. HARRINGTON:

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Q. This is a question for Mr. Richmond, I believe. You had made a statement saying that "Schiller pays more

- than market price, because their back is up to the water", and then you went on to describe how, because their sourcing range could not go to the east, because, obviously, there's no trees growing out in the ocean. So, is the price that we would expect at Schiller comparable to the price that you would expect in Berlin or would the Berlin price be lower, because they're not backed up to an ocean? Or, just what exactly does that imply, your statement about the --
- (Richmond) There's another factor why Schiller pays 10 Α. slightly more, and that is that they only have six days 11 of pile down space available at the site. So, all of 12 their delivery is just-in-time delivery. And, so, that 13 causes them to pay a little bit higher. 14 But, to answer your question, we notice roughly a \$2 to \$4 15 differential in pricing south of the Notch to north of 16 17 the Notch, the Franconia Notch. And, that would be pretty much in line with the difference that Schiller's 18 19 paying. So, --
 - Q. So, Schiller would be \$2 to \$4 --
- A. (Richmond) Well, Schiller is paying 2 to 4 more on the southern end of New Hampshire than they would if they were located differently and had more pile down space.
- 24 Q. Okay.

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- (Richmond) And, that differential pretty much matches 1 Α. north of the Notch. 2
- I'm confused on your last statement. 3 Q.
- (Richmond) Okay. 4 Α.
- The "differential matching north of the Notch". 5 Q.
- (Richmond) They're paying roughly 2 to 4 more than the 6 Α. 7 southern market. And, north of the Notch, generally, 8 the fiber costs you 2 to 4 more dollars north of the Notch, due to trucking and other logistics. So, if you 9 look at the difference south, they would add it on to 10 that price up north, and it would be about the same.
- Okay. So, what you're saying is, both a plant located 12 Q. in Berlin and a plant located in Portsmouth --13
- (Richmond) Would pay --14 Α.
- -- would both pay \$2 to \$4 more than someone south, 15 Q. someone in the southern part of New Hampshire, but for 16 17 different reasons?
- (Richmond) Yes. 18 Α.

- 19 MR. HARRINGTON: Okay. Thank you.
- 20 CMSR. IGNATIUS: Mr. Chairman?
- 21 CHAIRMAN BURACK: Yes.
- 22 BY CMSR. IGNATIUS:
- Could we, just to be sure I understand that, because I 23 was drawing a different conclusion from what you said, 24

- 1 --
- 2 A. (Richmond) Okay.
- Q. -- so I think I got it wrong, could you just give us
 some numbers that are rough numbers that seem similar
- 5 to what you've seen in your experience?
- A. (Richmond) Okay. Today, roughly, the plants south of the Notch are in the \$26 to \$28 range; and you get north of the Notch, where it's more competitive, with paper mills and such, and you would be paying in the low 30s. So, what I'm saying is, if you take what
- Schiller is paying down here, the difference, it would be comparable to the price today up north.
- Q. So that Schiller would be paying the \$26 to \$28 range or something above that?
- A. (Richmond) Plus. Plus, a little bit more, due to the two factors I spoke of.
- Q. So, would Schiller be in the \$28 to \$30 range, sort of tacking another --
- 19 A. (Richmond) Yes, they're just -- Yes. They're slightly
 20 above 30, but, yes.
- 21 CMSR. IGNATIUS: Thank you.
- 22 CONTINUED BY THE WITNESS:
- 23 A. (Richmond) They're in that range.
- 24 BY CHAIRMAN BURACK:

- 1 Q. And, again, the two factors that you're describing with
 2 respect to Schiller are what?
- 3 A. (Richmond) 180-degree purchasing radius, versus a 360,
- and very limited pile down area, just-in-time delivery.
- 5 Two major factors that force you to pay a little more
- 6 than your local competitors.
- 7 Q. And, again, these are prices for what type of wood?
- 8 A. (Richmond) Green, whole tree chips, a green short ton delivered.
- Q. And, are those two different types of chips or are you describing the same thing?
- 12 A. (Richmond) The same, same fuel. The same fuel.
- 13 CHAIRMAN BURACK: Okay. Thank you.
- 14 Mr. Harrington?
- 15 MR. HARRINGTON: Yes, I think that's the
- 16 -- that's all I have for right now.
- 17 CHAIRMAN BURACK: Thank you.
- 18 Mr. Janelle.
- 19 MR. JANELLE: Just got a couple of
- 20 questions.
- 21 BY MR. JANELLE:
- 22 Q. Is roundwood and pulp the same thing?
- 23 A. (Richmond) Yes.
- 24 Q. Okay. Talk a little bit about deliveries to the site.

- (Richmond) Sure. 1 Α.
- How many a day are you planning on for the site? 2 0.
- (Richmond) Roughly 100 trucks a day. 3 Α.
- One hundred trucks a day. So, about seven or eight an 4 Q.
- hour-ish? 5
- (Richmond) That would be good. Yes. 6 Α.
- 7 And, the delivery hours are? 0.
- (Richmond) It was --8 Α.
- (Bravakis) 5:00 a.m., 5:00 a.m., Monday through Friday, 9 Α.
- 5:00 a.m. to 9:00 p.m. Saturday, 9:00 a.m. to 10
- 6:00 p.m., I believe. I'm sorry. 11
- 12 MR. SCHNIPPER: 8:00 a.m. on Saturdays.
- 13 WITNESS BRAVAKIS: I'm sorry?
- 14 MR. SCHNIPPER: 8:00 a.m. on Saturdays.
- 15 WITNESS BRAVAKIS: 8:00 a.m. to -- Thank
- 16 you.
- 17 BY THE WITNESS:
- 18 (Bravakis) 8:00 a.m. to 6:00 p.m. We changed that on
- 19 Saturday.
- 20 BY MR. JANELLE:
- 21 Q. And, does roundwood or pulp weigh the same as biomass
- 22 when you truck it in or is it heavier or --
- 23 (Richmond) It's more condensed, denser. It's a tough
- 24 question.

- (Bravakis) We looked into that a little bit. And, I Α. think they're relative, within the range, pretty similar, a truck of roundwood and a truck of wood chips. You have to remember that when you chip wood, it increases in volume, basically doubles in size almost. So, you get a bigger truck full of material, as opposed to logs on a truck. But, roughly, we looked into that at one point, we thought roundwood would way a lot more, but it doesn't.
 - Q. Okay. And, a cost of biomass versus a cost of roundwood per ton, can you give us a range on that?

- A. (Richmond) That, again, depends on the competition from the pulp markets and what their markets are looking for. But a liberal biomass spec versus a delivered chip, you would get both of the commodities delivered at roughly the same price. They would come in -- they would come in within a dollar or two a ton of each other.
- Q. Okay. So, depending on where that person is cutting in the woods, there may be no benefit to taking the wood to a pulp mill versus taking it to your biomass plant, if it's a similar price?
- A. (Richmond) If it was a similar price. There's other factors. At a biomass plant, you could bring in mixed

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loads, you could have punky or half-rotted wood.
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         they wouldn't be the same spec. So, they don't really
         compete. A true pulpwood spec, you would get more
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         money going to the pulp mill than you would going to a
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         biomass facility with it. So, no, I don't agree with
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                The pulpwood would -- is more precise on the
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         spec, maybe even on the length. Some facilities
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         require just 8-foot, whereas a biomass plant would take
         it any length. And, so, there's a lot of restrictions
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         on the pulpwood that drive the price up more.
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- 11 Q. But it sounds like a lot of it relates to transportation?
- 13 A. (Richmond) Absolutely.
- 14 Q. And, whatever is closer might make --
- A. (Richmond) And, what your woodlot looks like and the
 thinning you're doing on it and what you're getting off
 it.
- 18 Q. Okay.
- 19 A. (Bravakis) If I may, there's also something else that
 20 you might want to -- pulp markets tend to be more
 21 cyclier [sic] than biomass markets, because of the
 22 worldwide movement of the pulp, and conditions such as,
 23 recently, there was an earthquake in Chile that
 24 destroyed some infrastructure, which now I understand

- has been rebuilt. So, that drives the pulp markets up So, there might be times when it might not be advantageous to bring roundwood into the facility. Other times it might be very advantageous to bring it 4 in, compared to the pulp markets.
 - And, in the Application, I notice that you estimated Q. that the biomass plant would generate about a third less truck trips than what was the pulp mill that was there before. Is that based on the number of trucks that was there before or --
- (Bravakis) What I understand, if memory serves, I 11 Α. believe I recall that there used to -- 180 trucks used 12 to come into that facility every day, from interviews 13 with the folks that ran the plant. And, we're going to 14 be around 100 trucks a day. So, that basically makes 15 16 sense.
 - Q. Okay. And, that's based -- and, that would, I guess, to try to rationale that, it's just there was a higher volume of material that was coming into the pulp plant?
- 20 (Bravakis) It was. Absolutely. Α.
- 21 MR. JANELLE: Thank you.
- 22 CHAIRMAN BURACK: Other questions at
- this time for -- Ms. Muzzey. 23
- BY DIR. MUZZEY: 24

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- Are there any other differences between the tops and 1 Q. bottoms for biomass fuel and then the whole tree chips 2 as a fuel source that would change the calculations 3 that Mr. Frecker is doing, besides the moisture 4 5 content? (Bravakis) No. Α.
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- 7 DIR. MUZZEY: Thank you.
- CHAIRMAN BURACK: Go to Dr. Kent, and 8
- then Mr. Stewart. 9
- DR. KENT: Thank you. 10
- BY DR. KENT: 11
- I just wanted to follow up on a discussion we heard 12
- yesterday. I realize Mr. Mongan isn't here, but I'll 13
- give it a shot. In Appendix P in Exhibit 1, the 14
- Application, the report from LandVest. We were talking 15
- 16 about Table 3.
- 17 Α. (Bravakis) I'm sorry, about what?
- Table 3, --18 Q.
- 19 Α. (Bravakis) Okay.
- 20 -- in the LandVest report. That's Appendix P, I Q.
- 21 believe.
- 22 (Bravakis) In the Addendum? Α.
- 23 No, in the original report. Q.
- 24 (Bravakis) Okay. Α.

- 1 CHAIRMAN BURACK: This will be Appendix
- P to Exhibit 1.
- WITNESS BRAVAKIS: Oh, in the
- 4 Application. Okay. Table 3. Okay.
- 5 BY DR. KENT:
- 6 Q. And, if you remember, I was trying to understand "Net
- 7 Growth" versus "Removal". And, where we ended our
- 8 conversation was that that bottom line in this table,
- 9 which is the "Removals from Harvesting Data", that is
- 10 the -- and correct me if I'm wrong, but that's the
- information that either the loggers, the foresters, or
- the landowners themselves report to the state, which
- 13 then drives the taxes applied to that cut, correct?
- 14 A. (Bravakis) That's correct. And, bear in mind, there
- are three states involved; it's New Hampshire, Maine,
- and Vermont.
- 17 Q. Okay. In New Hampshire, are you aware of any
- 18 exceptions to reporting requirements?
- 19 A. (Bravakis) I am not.
- 20 Q. So, you're not familiar with the exceptions that New
- 21 Hampshire has for reporting?
- 22 A. (Bravakis) I am not.
- 23 Q. If there were exceptions to that reporting information,
- 24 what would be the net effect on those numbers?

- (Bravakis) I'm assuming what you're referring to is, if Α. an individual was not required to report their harvest, then those numbers would obviously go up. 3
- DR. KENT: Thank you. 4

5 CHAIRMAN BURACK: Mr. Stewart, Director

6 Stewart.

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7 BY DIR. STEWART:

- Q. A little bit of a gearshift, the economic impacts of the Project on the North Country. First, how many jobs full-time will there be at the plant itself?
- (Bravakis) There will be 40, we estimate 40 jobs. Α. for the record, I would like to clear up a statement that we made the other day. When we were asked "if Cousineau were to supply the Project, would there be a reduction in employees on the property -- on the Project?" And, my answer was "no", because Cousineau would provide those employees on the site. What I've learned since then, that not only will Cousineau supply those employees, but the Project will also have two additional employees, or three, I'm not quite sure what, two or three additional employees that will be working with Cousineau and the fuel procurement on the property. So, actually, by signing the contract with Cousineau, the employment will go up.

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- Q. And, in the woods, intuitively, to me at least, and I'm not an economist, I'm an engineer, when the two mills, the pulp mills went down in northern New Hampshire, there was a million tons or so of lost wood, wood product that was not going to the pulp mills, so there had to have been a loss of jobs. And, I'm trying to understand how the 750,000 tons that will be brought to this facility, if it's permitted, translates into jobs in the woods in the North Country. Can you provide an estimate of that?
- (Bravakis) The estimate that we have been talking about 11 Α. is up to 200 new jobs as the fracture gets rebuilt. 12 And, that's adding truckers. What I learned also is 13 that, when a logging contractor, who has been just 14 supplying roundwood to pulp mills, when they put a 15 chipper into their operation, that adds three people. 16 17 So, there will be an expansion of existing operations. And, as we used our illustration yesterday, some 18 19 contractors dropped out of work when the pulp mills Some decided to go to other markets, but a 20 left. 21 number of them dropped out. We anticipate they will either start up again or new ones will take their 22 23 place.

And, if Mr. Richmond wants to add more

- to how he sees the infrastructure building up, he's got a lot more experience than I do in that respect.
- A. (Richmond) Well, as Lou said, every time you add a chipper, you're adding a couple other pieces of machinery that service it, and those all take operators. It's roughly three operators per chipper.

 And, that's one thing we intend on doing is introducing chippers into the North Country. That's going to be pertinent.

Another thing is that, with the current surplus of chips we have, loggers have idled crews. They are not cutting as much, because they can't market as much. They're restrained on how many loads they can market. So, they may have chippers and skidders and trucks parked, that they would hire people back from lay-off or hire new employees and put those crews in the woods with a good viable market. So, I think it's definitely far-reaching across the North Country in jobs. It's very much needed.

DIR. STEWART: Okay. Thank you.

BY CHAIRMAN BURACK:

Q. Along those lines, is there any kind of a more rigorous analysis that you've done of this? Is there any written backup for this "200 job" estimate that you

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have?
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         (Bravakis) We have looked in some analysis that was
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         done by the Massachusetts Department of Energy
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         Resources, as to how many jobs per ton of production,
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         which I could send to you. And, also, in -- I believe
         it's in the filing with the PUC of PSNH, Dr. Shapiro
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         did a very detailed economic analysis, which describes
         the economic benefits of this in a very detailed
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         manner, which I would point you to.
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                         CHAIRMAN BURACK:
                                           If you can just
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      provide us to the -- and that's a public document in that
11
      docket?
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                         WITNESS BRAVAKIS: I believe it is.
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                                                               I
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      believe it is.
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                        MR. RODIER: We have a copy of it.
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                         WITNESS BRAVAKIS:
                                           Okay.
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                         MR. RODIER: So, if that would help
      anybody, we'd be happy to provide it to you.
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                         WITNESS BRAVAKIS:
                                            It's a very thorough
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      analysis of the economic opportunities that this Project
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      represents.
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                        DIR. STEWART: One more, Mr. Chairman,
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      if may?
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                         CHAIRMAN BURACK:
                                           Please.
                                                    Please go
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ahead.

BY DIR. STEWART:

- Q. Somewhere in the documents, I read that there will be a preference for North Country loggers, if you will, in terms of supply. How do you intend to do that? I mean, I've heard this "back hauling" concept, which is a way to, you know, let the economy, you know, the economics of going back and forth to Massachusetts help to save, basically, revenue, I think, or expense. So, how do you guarantee that there will be a preference for North Country loggers, so we can get more employment in the North Country?
- A. (Bravakis) Before Mr. Richmond answers that, I would like to say that I believe the market will guarantee that. Simply, because they're the closest in proximity to the facility, they have the least transportation. They have the ability to create relationships directly with the personnel who are procuring. And, so, there's a strong economic incentive to purchase material as close to the facility as possible. The loggers and contractors and truckers that are within 20, 30, 40 miles of the facility have a distinct economic advantage over trying to orchestrate and manage back holes -- back hauls.

- So, maybe Mr. Richmond can elaborate on that a little bit more. Go ahead. Yes. Go ahead, you can talk about that.
- (Richmond) Yes. I'll reiterate what Lou said, first of 4 Α. 5 all, is that, as I stated earlier, our first goal, logistically and economically, is to buy as much wood 6 as we can, as close as we can. That's what we do with 7 any of our facilities. But, in this contract, as in 8 others that I hold here in New Hampshire, the first 9 thing they mandate is they carve out a number of tons 10 that we are mandated to give to local suppliers. And, 11 that might be of a confidential nature --12
- 13 A. (Bravakis) Yes.
- A. (Richmond) -- in the contract. But there is a

 stipulation in there for a set amount of tons that I

 must give them. It will be much more than that, but I

 do have a baseline I have to work with.
- Q. Okay. So, there will be a stipulation in the agreement for using local product, hence creating jobs at the local level?
- 21 A. (Bravakis) Absolutely. Absolutely.
- DIR. STEWART: Thank you.
- CHAIRMAN BURACK: Thank you. And, it would be helpful, Mr. Bravakis, if you could provide

- copies to the Committee of both the economic analysis you described performed by Dr. Shapiro, as well as the Mass.
- 3 Department of Energy Resources study. Thank you.
- 4 Dr. Kent.
- 5 BY DR. KENT:
- Q. If I could just follow up on that. So, a stipulation requiring a certain percentage of the chips to come from the local area, will that have a net effect of increasing competition close to the plant for chips?
- 10 A. (Richmond) No. I think it's a very reasonable

 11 baseline, that we're going to get many more chips.

 12 It's easily achievable.
- Q. Okay. So, your response that "no, that's not correct", is predicated on the assumption that there's surplus chips?
- 16 A. (Richmond) There's surplus. There's that many chips
 17 surplus there currently.
- DR. KENT: Thank you.
- 19 CHAIRMAN BURACK: Commissioner Ignatius.
- 20 CMSR. IGNATIUS: Thank you.
- 21 BY CMSR. IGNATIUS:
- Q. Mr. Richmond, you've said that one of the requirements
 for your delivery is that it be clean, there be no
 construction/demolition debris. How do you guarantee

1 that that's the case?

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- A. (Richmond) We deal with that every day. But, in this instance, trucks are coming straight out of the woods. They're chips that have been run through a chipper and blown into the truck. And, there's no demolition in the woods. We're very familiar with C&D wood waste and the laws governing that. We do not handle any C&D wood waste in our business. So, we're strictly clean, virgin wood waste, is all we handle at Cousineau.
- Q. There's been a lot of testimony about going to a 70 or assuming a 70 percent utilization rate. Do you think that that's feasible for your experience with loggers and in the work in the woods?
- A. (Richmond) Yes. I believe that's an industry standard practice.
- Q. Do your loggers that you work with have any exclusivity relationship, so that, if they work supplying you, they can't work supplying anyone else?
- 19 A. (Richmond) No.
- Q. Based on your knowledge of the woods and the products
 we're talking about, do you think, in the North
 Country, there is room for an additional large user of
 biomass, if the Laidlaw plant were operational?
- 24 A. (Richmond) Yes.

- Q. And, "large" on the order of the Clean Power

 Development proposal of roughly 30 megawatts?
- 3 A. (Richmond) Yes.
- Q. Do you think there's an opportunity for even more than that?
- A. (Richmond) It would push well farther, and it might
 drive up prices. It depends on what happens in the
 pulp markets and such as the years go by here. A
 snapshot of today? I would have no problem looking at
 supplying the Laidlaw facility and another facility of
 roughly half its size up there.

CMSR. IGNATIUS: Thank you.

BY CHAIRMAN BURACK:

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- Q. And, if I may just follow up on that, Mr. Richmond.

 You believe that there is sufficient supply, with the understanding that you would -- the forest overall in the wood basket would still meet the definition of "sustainability" that was discussed yesterday, that is that removals would not exceed growth?
- A. (Richmond) Yes. I mean, if you were building facilities like that up in the North Country, it would be handled -- you would definitely be out of that 100-mile radius, and it would be handled, a large part of it, logistically, from southern and western states,

- such as New York. We would ramp up the back hauls.

 There's a huge supply the more you look around.
 - Q. And, I just want to be clear here with what you just said. You're saying that you would have to reach out beyond 100 miles if we were to build -- see built in the North Country more than the two plants that we've talked about here, that is the Laidlaw and the CPD facilities, or just more than if we were to build the Laidlaw facilities?
 - A. (Richmond) If both of the facilities were built. The Laidlaw facility, plus another facility of roughly half its size, and we were supplying both, it would require us to reach farther than the 100-mile radius.

CHAIRMAN BURACK: Thank you. Dr. Kent.
DR. KENT: Let me follow up on that.

16 BY DR. KENT:

- Q. Have you worked out the efficiency of your back hauls?

 As I believe you testified to earlier that, if you're reaching into New York, we're still maintaining the price as if we were taking wood from within the 100 miles or have we just increased the price of the chips?
- A. (Richmond) When you started, when the other plant opened, we'd probably see a rise in prices. And, it would be offset with the economies of back hauls. We

1 know -- we work in New York State, I know of huge 2 resources there that are untapped.

- Q. As chip prices rise, am I correct in assuming that that cost is passed along ultimately to ratepayers?
 - A. (Richmond) I don't know the economics too much of how they would pay us. But, yes, I would assume the end-user would. I don't know.
 - Q. Is that a reasonable assumption, Mr. Bravakis, that increased costs to you would ultimately be passed onto PSNH, and PSNH would pass them on? I know you can't speak for PSNH, but is that typically the way the industry works?
 - A. (Bravakis) Again, I'll defer, that's a PPA question to my colleague. But I can tell you the price we pay, we pay for wood chips does not affect the price we receive for electricity. We're very incentivized to keep our prices low. And, if I may, the concept of rail is still an aspect of our project, which could help mitigate and lower some of those costs. And, as Mr. Richmond alluded to, one cannot forget the fact that Newpage, in Rumford, consumes 2.2 million tons per year. And, nobody's suggesting that that facility will cease operations, but nobody -- nor can anybody predict that it will continue operations for the foreseeable

future. So, there's a lot of forces at play up there that we've been thinking about and analyzing for a number of years now, which all impact this, this wood supply issue.

DR. KENT: Thank you.

WITNESS BRAVAKIS: Uh-huh.

CHAIRMAN BURACK: Further questions at this time for this panel? Ms. Muzzey.

BY DIR. MUZZEY:

- Q. This is a question for Mr. Richmond. And, I need to check my notes from yesterday, but I thought yesterday, as we were talking about the different companies that you work with, you mentioned that others have sustainability policies as well, or some sort of policy that addressed sustainability?
- A. (Richmond) They track it, I'll say. We definitely, I mean, I work for Sappi, IP, and the big companies, and they definitely have policies. And, it is tracked, yes.
- Q. Could you explain what is tracked?
- A. (Richmond) They would send a forester and audit our
 books, pull out loads, say "where did this come from?"
 "How was it tracked?" Check the forest management plan
 on that particular cut, make sure it was in place. So,

- we're spot-checked. And, they will pull random loads and follow them.
- 3 DIR. MUZZEY: Okay. Thank you.
- 4 BY CHAIRMAN BURACK:
- Q. And, if I may just follow up on that. You describe those as "auditors" or "foresters" who come in?
- 7 A. (Richmond) The company procurement forester would
 8 contact us, who we work closely with on a daily basis,
 9 and they would spot-check us, and just pull a random
 10 load and follow it through the process, and check the
 11 forest management plan on it.
- 12 Q. And, you described "Sappi", that's a large timber
 13 holding company or what --
- A. (Richmond) That is a paper, pulp and paper facility,

 has two locations; one in Westbrook, Maine, and one in

 Hinkley, Maine.
- 17 Q. And, IP, is International Paper Company?
- 18 A. (Richmond) International Paper. We service that in Ticonderoga, New York.
- Q. Are there, to your knowledge, private consulting firms
 or other entities that provide similar types of auditor
 services?
- A. (Richmond) We don't run into them. It's actually the company forester that would come and check us out, the

- 1 procurement agent that we deal with.
- 2 Q. Are you aware, however, of any similar type of
- activities to that that I've just described?
- 4 A. (Richmond) That would come --
- 5 Q. In other words, independent auditors, looking at
- 6 purchase records of different buyers, to ascertain
- 7 whether or not they are complying with --
- 8 A. (Richmond) I haven't run into them --
- 9 Q. You have not.
- 10 A. (Richmond) -- in my business.
- 11 CHAIRMAN BURACK: Thank you.
- 12 DIR. STEWART: Mr. Chairman?
- 13 CHAIRMAN BURACK: Yes.
- 14 DIR. STEWART: A follow-up question?
- 15 CHAIRMAN BURACK: Director Stewart.
- 16 BY DIR. STEWART:
- 17 Q. Do the foresters, back up into the woods, do they
- 18 randomly go out to the areas where the trees have been
- 19 harvested?
- 20 A. (Richmond) Oh, sure.
- 21 Q. To confirm that the practices in the field have been
- done in accordance with the specifications?
- 23 A. (Richmond) Sure. Their forester will come and spend a
- 24 day with my forester and drive around and visit jobs,

[WITNESS PANEL: Bravakis~Richmond~Frecker] 49 absolutely. 1 2 DIR. STEWART: Okay. Thank you. MR. JANELLE: One follow-up? 3 CHAIRMAN BURACK: Mr. Janelle. 4 BY MR. JANELLE: 5 Mr. Richmond, can you give me a sense the percentage of 6 Q. 7 your business versus pulp facilities versus biomass facilities? 8 (Richmond) We handle six pulp mills, six power plants, 9 Α. four mulch companies, two colleges, ten public schools, 10 and three pellet mills currently; 31, total of 31 11 facilities. 12 Okay. And, of that 31, six are pulp mills? 13 Q. (Richmond) Correct. 14 Α. So, the rest basically are --15 Q. (Richmond) Biomass or pellet-type facilities. 16 Α. 17 MR. JANELLE: Thank you. CHAIRMAN BURACK: Okay. Attorney 18 19 Needleman, did you have some additional direct you wish to 20 do with this panel? 21 MR. NEEDLEMAN: I did, yes. Thank you. 22 REDIRECT EXAMINATION

Q. Mr. Bravakis, yesterday during your testimony you

23

BY MR. NEEDLEMAN:

 $\{SEC\ 2009-02\}\ [Day\ 3/Morning\ session]\ \{08-25-10\}$

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50
         referred to something that you called the "NREL
1
         Report". I just wanted to call your attention to
 2
         Exhibit 21 in this proceeding, and ask you if that is
 3
         the document you were referring to?
 4
        (Bravakis) Yes, it is.
5
    Α.
         And, Exhibit --
6
    Q.
 7
                        CHAIRMAN BURACK: Excuse me. Hold on
8
      just a moment. If you'd please just give us an
      opportunity to look at that and understand what that
9
      document is.
10
11
                        MR. SCHNIPPER: I'm sorry. What's the
      exhibit number?
12
13
                        CHAIRMAN BURACK: Exhibit 21.
14
                        MR. SCHNIPPER: Thanks.
15
                        CHAIRMAN BURACK: Thank you. Please
16
      proceed.
17
    BY MR. NEEDLEMAN:
         And, Exhibit 22 is also an NREL slide show, comparing
18
    Q.
19
         the consequences of power from biomass, coal, and
20
         natural gas, is that correct?
21
    Α.
        (Bravakis) Yes.
22
         At Page 22 of Mr. Liston's testimony, if you could go
    Q.
23
         there please.
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CHAIRMAN BURACK:

Sorry.

You are in

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1 CPD's Exhibit 1?
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- MR. NEEDLEMAN: I believe that's
- 3 correct.
- 4 CHAIRMAN BURACK: Thank you.
- 5 BY MR. NEEDLEMAN:
- Q. And, you were asked yesterday, with respect to Page 22 of that testimony, about the contribution from federal
- 8 lands. Do you recall that?
- 9 A. (Bravakis) Yes.
- 10 Q. And, you actually addressed this issue specifically in
- 11 your supplemental prefiled testimony, which is Exhibit
- 12 10, is that correct?
- 13 A. (Bravakis) Yes.
- 14 Q. But, at Exhibit 10, Page 6, Line 11, is that the place
- where you address this?
- 16 A. (Bravakis) Yes.
- 17 Q. And, could you just read that paragraph quickly please.
- 18 A. (Bravakis) Yes. "On Page 22 of his prefiled testimony,
- 19 Mr. Liston suggested that the LandVest study
- 20 "identifies or implies that federal land is available
- as a significant source for its supply". We do not
- 22 understand how Mr. Liston could have reached such a
- conclusion, but the short answer is that LandVest is
- not making that assumption. See e.g. LandVest Report,

- Table 3. The federal contribution in the wood basket is comparatively minor."
 - Q. Thank you. Yesterday, one of the Committee members asked you about information pertaining to the chipper that you intend to put on the site, and you weren't able to answer the question. Do you have more information about that now?
- 8 A. (Bravakis) Yes. We looked at our records, and that
 9 chipper will have a hourly capacity of 200 tons
 10 production.
- At Page 12 of Mr. Liston's testimony, Line 2, there's 11 Q. been some discussion about this issue of the "rule of 12 thumb". And, I just want to have you clarify something 13 for the record. Line 2 says "Using the rule of thumb 14 data provided by Laidlaw", and goes on to talk about 15 the "13,000 tons". Could I call your attention to 16 17 Exhibit 20 please. And, I'm looking, in particular, at Page 6, at the bottom. 18
- 19 A. (Bravakis) Oh. Okay. I'm sorry. Page 6.
- 20 CHAIRMAN BURACK: Sorry, counsel, you're
- 21 taking us to Exhibit -- Laidlaw Berlin Exhibit 20?
- MR. NEEDLEMAN: Correct. Page 6, at the
- 23 bottom.

4

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7

24 CHAIRMAN BURACK: Thank you.

- 1 WITNESS BRAVAKIS: Uh-huh.
- 2 BY MR. NEEDLEMAN:
- Q. And, the first question that Clean Power asked was to
 "Provide all data supporting the calculation of
 42.5 percent moisture content for fuel", and then to
- 6 identify the source of that data. Do you see that?
- 7 A. (Bravakis) I do.
- 8 Q. And, on the second line and the third line down,
- 9 Laidlaw provided that information, and beginning on
- that third line, it says "This figure is supported by
- fuel sample testing", and it refers to an "Attachment
- 6", and then it says "a report compiled by Innovative
- Natural Resources (Attachment 7, at Page 11)." Do you
- 14 see that?
- 15 A. (Bravakis) I do.
- 16 Q. Is it fair to say that you were citing that report for
- 17 the purpose of the fuel moisture content?
- 18 A. (Bravakis) That's correct.
- 19 Q. Were you citing that report for any other purpose?
- 20 A. (Bravakis) No.
- 21 Q. And, is it correct that the actual exhibit cited there
- is also included as an exhibit in these materials, and
- that would be Exhibit 26?
- 24 A. (Bravakis) That's correct.

- Q. So, when we make reference to that "rule of thumb", it's not Laidlaw's rule of thumb, that would be
- Innovative Natural Resources' rule of thumb?
- 4 A. (Bravakis) That's correct.
- Q. And, then, finally, could you look at Mr. Liston's testimony at Page 11 please. At Line 5, there was some
- 7 discussion yesterday and some this morning about this
- 8 calculation, using 87.5 percent moisture -- or,
- 9 87.5 percent capacity factor, 50 percent moisture. Do
- you recall the discussion yesterday?
- 11 A. (Bravakis) I do.
- 12 Q. What we didn't do was discuss the chart on Page 10 of
- Mr. Liston's testimony. I'd like to do that quickly.
- 14 A. (Bravakis) Uh-huh.
- 15 Q. The chart that Mr. Liston reproduced on Page 10 came
- 16 from Laidlaw, is that correct?
- 17 A. (Bravakis) That's correct.
- 18 Q. And, at the top of that chart, it assumes an annual
- 19 capacity factor of 87.5 percent, is that correct?
- 20 A. (Bravakis) That's correct.
- 21 Q. And, if you look down at that chart, according to that
- chart, if the fuel moisture content were 45 percent,
- what would be the approximate annual fuel usage of the
- 24 facility?

- 1 A. (Bravakis) 7,400 -- "744,793".
- 2 Q. Where are you getting that from?
- A. (Bravakis) I'm getting that from the top, the table at the top, where it corresponds the fuel moisture with the export heat rate and to the annual fuel consumption at a capacity factor of 87.5.
- Q. And, just so we're clear, that number is actually "744,793", is that correct?
- 9 A. (Bravakis) That's correct.
- Q. And, if you look down at the actual chart itself, and you look at the 45 percent moisture content on one axis, that corresponds to approximately 750,000 on the other axis, is that correct?
- 14 A. (Bravakis) That's correct.
- 15 Q. Mr. Frecker, yesterday the Committee asked a question
 16 about the number of trucks needed to take ash from the
 17 facility. Do you have any additional information about
 18 that?
- 19 A. (Frecker) Yes. We've looked into it a little bit
 20 further. And, in order to handle both the fly ash from
 21 the fabric filter and the bottom ash from the boiler
 22 itself, we anticipate that it would take on the order
 23 of about two dozen trucks per week. So, assuming that
 24 that occurred five days per week, perhaps even six days

per week, a reasonable range of trucks to handle that ash would be four to six trucks per day.

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23

- Q. Yesterday, you were also asked some questions from the Committee about the ash silo. Do you have any updated information on that?
- (Frecker) We've been given some preliminary indication 6 Α. 7 by B&W's engineers that -- of the approximate 8 dimensions of that silo. And, I'm later today going to be working with the -- my staff who did the visual 9 simulations that are shown behind us and in the 10 Application, to try to show that, depict that. I can 11 tell you that, as I believe Mr. Strickler pointed out 12 yesterday, in the overall site plan, it shows the 13 location of that silo sitting between the steam turbine 14 building and the boiler building. And, we anticipate 15 that that silo will rise up above the steam turbine 16 17 building by perhaps as much as 15 to 20 feet, maybe more, we need to look at that a little bit more, but 18 19 would certainly be dwarfed by the mass of the boiler building that would be behind it. So, we're hoping to 20 21 be able to provide a visual depiction of that to the Committee, perhaps as soon as tomorrow. 22
 - Q. The Committee also asked you yesterday for a list of the conversions at those other two facilities of

Babcock & Wilcox boilers, as well as any information you could get about compliance with the air permits at those facilities. Do you have any information pertaining to that?

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(Frecker) We've looked into both facilities; one is 5 Α. located in Calhoun, Tennessee, the other one is located 6 7 in Rome, Georgia. And, we've obtained the operating 8 permit for the facility in Rome, Georgia. As you can imagine, there are very different Air Permitting rules 9 in the Southeast and in Georgia than there are here in 10 the Northeast. So, it's very difficult to compare some 11 of the permitted emissions limitations. The boiler 12 does not have the number of emissions limitations that 13 it would if it were here in New Hampshire, and it 14 doesn't have quite the stringency of emissions 15 limitations, but we're working on preparing a 16 17 comparison of those. I could tell that we've also looked at EPA's Envirofacts database, which is a 18 database maintained by the Environmental Protection 19 Agency, provides a myriad of data on a company's 20 21 environmental requirements and performance. And, among 22 the information it provides is a compliance status with regard to audits, inspections, and emissions test 23 24 programs. And, I can provide you with a printout of

- that for the Rome, Georgia, facility, that shows over several years it has complied with all of its emissions testing requirements, and that those tests have shown that the boiler is meeting all of its emissions limits. We're working on acquiring similar information for the Tennessee facility right now.
- Q. Mr. Richmond, with respect to the draft contract with Laidlaw, is it fair to say that you would not have taken on this contract if you did not believe that your company was going to be able to supply the 750,000 tons per year that the facility needs?
- A. (Richmond) Absolutely. It's a huge financial obligation, and it's -- we risk, the reputation of our company is everything, it's impeccable out there in the forest products industry. The same suppliers that would supply current facilities, we'll be counting on them to supply this facility in some fashion. And, if we fail at one, we fail at them all. So, no, we take it very seriously. And, as we say in our sales call, "No one's fire has ever gone out on our watch." And, we intend to continue that.
- Q. And, you will supply that in what I'm going to call a "sustainable manner", and what I mean by that is the conditions that this Committee imposes with respect to

- sustainability will be incorporated into that contract,
- is that correct?
- 3 A. (Richmond) Yes.
- 4 Q. You testified that you supply numerous other facilities
- in the state, including biomass plants, is that
- 6 correct?
- 7 A. (Richmond) That's correct.
- 8 Q. Do you believe that, by taking on this contract, you
- 9 will -- that it will have any adverse effect on your
- 10 other clients?
- 11 A. (Richmond) No. Actually, one of my larger clients is
- present here today. And, I spoke with him yesterday in
- the hall, and he's very much in favor of this. And,
- they're located basically 60 to 80 miles south of the
- 15 facility.
- 16 Q. Who is that?
- 17 A. (Richmond) Tim, Tim Chase, with --
- 18 Q. What company?
- 19 A. (Richmond) With Indeck Alexandria.
- 20 Q. What does Indeck Alexandria do?
- 21 A. (Richmond) It is a biomass facility.
- 22 Q. So, that would be a potential competitor of Laidlaw?
- 23 A. (Richmond) They will use the same feedstock.
- 24 Q. Why would they be in favor of this?

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1
         (Richmond) To support the infrastructure of the forest
    Α.
 2
         products industry.
                        MR. NEEDLEMAN: I have no further
 3
      questions at this time, Mr. Chair.
 4
5
                         CHAIRMAN BURACK: Thank you very much.
      We'll take this, we'll take this in the following order
 6
            I'm going to first -- and, again, I'm going to ask,
 7
8
      we're going to go into some cross-examination, and I'd ask
      counsel and the Committee if they would please to restrict
9
      their questions to the additional issues or the issues
10
11
      that have been raised by Attorney Needleman in his
      redirect of these witnesses. Okay? So, going to start
12
      with Attorney Schnipper, do you have questions?
13
14
                        MR. SCHNIPPER:
                                         I don't have anything
15
      that specifically arises out of the redirect. I did have
16
      a question about the carve-out. Am I correct that that's
      going to be saved for the confidential session?
17
      carve-out in the contract --
18
19
                         (Court reporter interruption.)
20
                        MR. SCHNIPPER: In response to a
21
      question from the Committee, there is a discussion of a
22
      carve-out in the Cousineau contract for local tonnages.
23
      Am I correct that that's a confidential aspect, so we'll
      go into that later?
24
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CHAIRMAN BURACK: I believe there has been testimony on that. Why don't you state your question and let's see if we can answer that.

MR. SCHNIPPER: It was as to the details of those numbers, and my brief review of the contract didn't help me identify where that was identified. But, if the specifics need to wait for the confidential session, that's fine.

CHAIRMAN BURACK: Is that a confidential aspect of the agreement?

11 WITNESS BRAVAKIS: Yes. Yes.

12 CHAIRMAN BURACK: It is. Okay. We will

hold that then to a later time.

14 RECROSS-EXAMINATION

15 BY MR. SCHNIPPER:

Q. And, just one other question, and I don't know if this

-- again, it doesn't spring from the direct, but it was
a question about what factors would influence the
development of rail transport of fuel to the facility,
and how that would -- would that only be something that
would be economical and thus probably happen when the
sort of local radius was already being maximally
utilized? Or, is that something that could
potentially, you know, provide sort of an economy of

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scale that would undercut local sourcing?
1
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(Bravakis) We haven't fully analyzed all of that. Α. can characterize rail as an option that we just are 3 keeping as an option at this point in time. There is 4

no intention to undercut the local supply by rail.

- MR. SCHNIPPER: Fair enough. 6
- 7 CHAIRMAN BURACK: Thank you. Attorney
- 8 Rodier, questions?
- 9 MR. RODIER: Thank you.
- BY MR. RODIER: 10

2

- Mr. Richmond, did I hear you say you -- you mentioned 11 Q. the representative from Indeck here today? 12
- (Richmond) Yes. 13 Α.
- He supports your view? 14 Q.
- 15 (Richmond) Yes. Α.
- Well, let me ask you hypothetically, would you feel 16 Q.
- 17 differently if that's not the case, if he says so?
- (Richmond) Well, it would be different than the 18 Α.
- 19 conversation I had yesterday, I guess.
- 20 You pride yourself on your relationships with these Q.
- 21 customers, is that right?
- 22 (Richmond) Yes. Α.
- 23 This deal could harm them, couldn't it? Q.
- (Richmond) I don't see how. 24 Α.

- 1 Q. You don't see how?
- 2 A. (Richmond) No.
- 3 Q. Okay. You told me --- well, look, this is all about
- price, isn't it? Attorney Needleman said "can you
- supply the \$750,000 a year -- 750,000 pounds a year,
- 6 right?
- 7 A. (Richmond) Yes.
- 8 Q. Because it's -- the price is there, right? It makes
- 9 that possible. If somebody is willing to pay for it,
- it's possible, isn't that correct?
- 11 A. (Richmond) No.
- 12 Q. No?
- 13 A. (Richmond) I'd be working on the same constraints as I
- do any of my other clients.
- 15 Q. Okay. You told me yesterday you could put a plant up
- in downtown Boston, a 70 megawatt plant in downtown
- 17 Boston, and provide it with fuel chips, if the price is
- 18 right, is that correct?
- 19 A. (Richmond) Yes. If someone was paying an exorbitant
- 20 price, yes.
- 21 Q. Right. And, you could put a 200 megawatt plant up in
- New Hampshire and just take away all the -- and, if the
- price was right, you just reallocate all the wood chips
- away from your existing customers to this new plant,

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1 put everybody else out of business, isn't that right?
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- A. (Richmond) No. I don't believe the economics would work on there --
- Q. Hypothetical, what if that was the case? That would work, wouldn't it? And, you'd take the business, wouldn't you?
- A. (Richmond) I would look at any business opportunity.

 MR. RODIER: Okay. Mr. Chairman?

 CHAIRMAN BURACK: Yes.

MR. RODIER: One more question. And, I know we've got to be very brief here. We have not had any discouragement from cross-examination. I've tried to keep to the point. I think Commissioner Ignatius touched on the core issue here: Is there any room left for CPD, if they go ahead with this contract, if Laidlaw goes in with Cousineau? And, I'd just like leave to ask one or two questions on that?

18 CHAIRMAN BURACK: Please. Go ahead.

19 MR. RODIER: Thank you. I appreciate

20 that greatly.

21 BY MR. RODIER:

Q. Commissioner Ignatius got to the point here of the hearings. She said, "Assume the Laidlaw use is 750,000 tons a year, it goes into operation." She

- said, "Could you supply CPD on top of that?" Do you
- 2 recall that?
- 3 A. (Richmond) Yes, I do.
- 4 Q. And, you said?
- 5 A. (Richmond) Yes.
- 6 Q. "Yes", you could. Well, that's a function of what
- 7 price CPD could afford to pay for the electricity --
- 8 could afford to pay for the wood chips, isn't that
- 9 right?
- 10 A. (Richmond) Yes.
- 11 Q. And, the price for wood chips in that area is going to
- be set by the Laidlaw plant, isn't it?
- 13 A. (Richmond) I don't believe that they're going to drive
- the price in the area. It's going to be a fair market
- value. I mean, it's --
- 16 Q. Yes. Well, --
- 17 A. (Richmond) We're not going to go in and pay exorbitant
- 18 prices for the fuel.
- 19 Q. No, you're going to pay --
- 20 A. (Richmond) I don't have to.
- 21 Q. You're going to pay what it takes, right?
- 22 A. (Richmond) No. I'm going to pay a fair market value
- for the fuel.
- Q. Right. Now, the market value of the fuel --

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66
         (Richmond) I don't have an open checkbook --
1
    Α.
 2
    Q.
         If the 800 pound gorilla comes in --
                         (Court reporter interruption.)
 3
                        MR. RODIER:
                                      I'm sorry.
 4
    BY MR. RODIER:
5
         If the 800 pound gorilla comes in, and is able, he's
6
    Q.
 7
         got a relationship for it to pass through whatever it
8
         pays to regulated ratepayers, they're going to be able
         to pay whatever it takes. And, you're saying that's
9
         not going to affect the operations of any other plants
10
         in the area?
11
         (Richmond) We see that time to time from paper
12
         companies pay, when the demand is up, pay more than a
13
         biomass price. So, that obligation gets fulfilled, and
14
         the people go back to the biomass. So, no, I don't --
15
         I don't see anybody coming in and paying a huge price
16
17
         up there and dictating the biomass market.
18
                        MR. RODIER:
                                      Okay.
19
                         CHAIRMAN BURACK: Thank you.
                                                       Any
20
      further questions then? You're all set, Attorney Rodier?
21
                        MR. RODIER: Yes, I am.
22
                        CHAIRMAN BURACK: Okay. Thank you.
23
                                      I appreciate it.
                        MR. RODIER:
24
                        CHAIRMAN BURACK:
                                           Counsel for the
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Public?

MR. BROOKS: Thank you, Mr. Chairman. I have one question, and it doesn't relate directly to the redirect of Attorney Needleman, but it does relate to testimony I heard after we questioned. And, if I may ask that question?

CHAIRMAN BURACK: Please proceed.

BY MR. BROOKS:

- Q. I believe that the statement was made with respect to the prices of the Schiller plant by Mr. Richmond, versus the price up north of the Notch, that both of those prices would be slightly above otherwise market prices by \$2 to \$4 or something like that?
- A. (Richmond) No. The price above the Notch, in the low 30s, would be today's price, which is roughly what Schiller is paying today. It's not higher. It's higher compared to the southern tier of the state.
- Q. Right. That's what I'm saying. It's both of those prices, both above the Notch and the Schiller Station, are higher than the southern part of the state?
- 21 A. (Richmond) Correct.
- Q. Okay. And, I guess my question is, why, and I think
 you mentioned transportation costs, but why would the
 costs be higher above the Notch, if that's where the

- resource was? We heard Mr. Bravakis testify that, when
 they located the Laidlaw facility or chose the
 location, that they looked at it because the
 infrastructure was there and the resources were there,
 so why a higher cost above the Notch?
 - A. (Richmond) Because, once you get above the Notch, up in the North Country, you're competing with the pulp and paper companies for the pulpwood versus the biomass wood. And, they tend to pay a little more, so it holds the price up a little more.
 - Q. Okay. So, would it be more, let's say, beneficial for a biomass facility, all things being equal, to locate in southern New Hampshire, rather than above the Notch?
 - A. (Richmond) I don't -- I don't think it's any more beneficial. The resource is up there, the infrastructure was there, this amount was being consumed there. I think it's only natural to look in that area. With the surplus we have today, the southern tier of the state is also a likely spot.

MR. ROTH: I have a couple of questions.

21 BY MR. ROTH:

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Q. And, I suppose this one is for Mr. Frecker.

Mr. Frecker, I'm looking at Exhibit 25, which was the

Hazen Research analysis.

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69
                        CHAIRMAN BURACK: This is Laidlaw's
1
      Exhibit 25?
2
                        MR. ROTH:
                                    That's correct.
 3
                         CHAIRMAN BURACK: Thank you.
 4
    BY MR. ROTH:
5
         I note at first that the date of this report is
6
    Q.
 7
         "October 2007". Why was this done three years ago?
8
    Α.
         (Bravakis) I can answer that.
         (Frecker) Yes, I'm not familiar with this. And, I
9
    Α.
         think Mr. Bravakis could answer your question.
10
         (Bravakis) I can answer that. For those of you who
11
    Α.
         might not be aware, we've been developing this project
12
         since 2006. And, as I described yesterday, any
13
         developer initially comes in and does some initial
14
         fatal flaw analysis. And, with us, it was not only
15
         looking at the boiler and trying to fit that -- and
16
17
         trying to make that fit into whatever, we needed to
         look at the fuel as well with B&W. So, this was a
18
         first initial fuel analysis that we provided to B&W, so
19
         that they could give us an assessment of what it would
20
21
         take to convert that boiler.
22
         Okay. And, then, I note that -- oh, as a follow-up to
23
                So, you were doing this to understand whether
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the existing boiler would operate with the fuel supply

- 1 that was there?
- 2 A. (Bravakis) Correct.
- Q. And, was that because of a concern that the conversion was going to somehow change the efficiencies of the boiler or -- because wasn't the previous -- wasn't the
- 6 boiler, as it's currently operating or was operating
- 7 under Fraser's management, wasn't that using --
- 8 A. (Bravakis) No.
- 9 Q. -- wood as well?
- 10 A. (Bravakis) No. This is a black liquor recovery boiler.
- 11 Q. Okay. So, it's --
- 12 A. (Bravakis) So, it burned black liquor.
- Q. Okay. I note that your -- that the sample was whole
- tree chips. Why did you choose whole tree chips, when
- it appears that the business plan was for tops and
- 16 branches?
- 17 A. (Bravakis) Tops and branches are whole tree chips.
- 18 Q. Okay. So, tell me what whole tree chips are then?
- 19 A. (Bravakis) It's a designation. Tops and branches are
- 20 commonly referred to as "whole tree chips" that goes to
- biomass plants. And, it will be a combination of
- inferior stems that are unmerchantable, predominantly
- tops and branches, that sort of thing.
- Q. Okay. So, whole tree chips, or your view, whole tree

- 1 chips includes stems and --
- 2 A. (Bravakis) That's correct.
- 3 Q. -- roundwood, so to speak, right?
- 4 A. (Bravakis) That's correct.
- Q. But it doesn't include roundwood that's suitable for pulping, is that correct?
- 7 (Bravakis) It could. It might. It depends, again as Α. 8 we discussed, the location of the plants, the transportation, the markets for pulp at the time. And, 9 if you recall, yesterday, when I was saying a pulp log 10 is taken to a facility and processed into a chip, a 11 much more refined chip, because it gets debarked, 12 screened, but essentially it gets reduced in size to 13 particles. So, sometimes it's advantageous for the 14 logger to maybe take less money, but not transport it 15 as far. Or, if the pulp markets are down, he would 16 17 take it to a biomass facility or convert it into a whole tree chip. 18
- Q. Now, the sample that was used here, was that pulp chips or biomass chips?
- A. (Bravakis) They were biomass chips obtained at -- I

 believe we went to the Whitefield power plant, and we

 took a number of samples. And, if I may, we have

 currently conducted a much more detailed survey for B&W

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and the engineers on a number of samples. But this was
a very preliminary analysis that was done, to give what
we considered a high level representative sample of the
fuel that would come to the boiler, in an effort to
help assist B&W to come back to us and give us their
assertion of converting the boiler from black liquor to
biomass.
```

- 8 Q. And, is that new report in the record?
- 9 A. (Bravakis) No, it's not. It's still in process. It
 10 hasn't been completed yet.
- 11 Q. All right. I have one more question then.
- 12 A. (Bravakis) Sure.
- Q. And, it somewhat relates to Mr. Richmond's testimony,
 in response to a question by the Committee. And, also,
 as a follow-up to Attorney Brooks's question. And,
 that is, as I understand the dynamic, when -- and you
 described the price of pulp, the price of pulpwood goes
 up and down with the pulp market, correct?
- 19 A. (Richmond) Correct.
- Q. And, the pulp market goes up and down with basically the demand for paper products, is that fair to say?
- 22 A. (Richmond) Correct.
- Q. Now, you probably heard Mr. Bravakis describe how there's some -- "nobody's willing", in my words, I'm

- paraphrasing him, "nobody's willing to bet on how long
 Newpage is going to stay open", correct?
- 3 A. (Richmond) Correct.
- Q. Do you have any concern that an additional demand for wood products in the North Country will cause a price difficulty for Newpage that will put Newpage out of business?
- A. (Richmond) I think that facility has operated there for years and years, I'm not going to dare to say how much.

 And, they have been through the other pulp mills running and all that competition. I believe it really supports, again, it's using the lower grade that's leaving in the woods, supports the logging operations and enhances their operations.
- Q. So, you don't think that -- so, this plant could be the straw that breaks Newpage's back?
- A. (Richmond) I really don't know the economics that much
 of what is actually driving that facility. But, again,

 I'll just say that I believe it enhances it. I think
 they have been up against stiffer competition and
 survived it.
- 22 Q. Do you know how many people work at the Newpage mill?
- A. (Richmond) Not exactly, but it's much less than in years past.

- 1 Q. Is it hundreds?
- 2 A. (Richmond) I would assume so.
- 3 Q. And, some of them might be New Hampshire residents?
- 4 A. (Richmond) Possibly.
- 5 MR. ROTH: Okay. That's all.
- 6 CHAIRMAN BURACK: Questions? Mr.
- 7 Wright.
- 8 MR. WRIGHT: Just one quick follow-up
- 9 technical question to Mr. Frecker, I think.
- 10 BY MR. WRIGHT:
- 11 Q. Attorney Needleman raised the issue of the ash silo,
- and I think you described it as being slightly larger
- or taller than the steam turbine building, is that
- 14 correct?
- 15 A. (Frecker) That is correct.
- 16 Q. Could you point out which building that is on that
- 17 drawing for me?
- 18 A. (Frecker) Yes. I'll refer to the visual simulation,
- 19 which is Figure (h)(3)(iv)-3. It was included in
- 20 Exhibit 1, the SEC Application. This building that
- sits in the foreground, this relatively what I would
- refer to as a "squat structure" is the steam turbine
- building. This larger building, in back of the stack,
- is the boiler building. And, as shown in this blow-up

- of the site plan, there's an ash silo that's located right between those two structures, which is where that silo would go. So, what we'll attempt to show is how that would appear, protruding slightly above, we expect, the steam turbine building, but be overwhelmed by the mass of the boiler building.
 - Q. Just one quick follow-up question. As part of the Air Permit application, you had to do a very complex air dispersion modeling analysis for the facility?
- A. (Frecker) That's correct.

- 11 Q. Do you expect the -- and, one of the factors that

 12 impacts the results of that modeling is structure of

 13 the buildings on-site. Do you have any feel as to

 14 whether the addition of that structure will have any

 15 impact on that analysis that was previously done?
 - A. (Frecker) No, it won't at all. Because what the modeling looks at is what's referred to as a "controlling structure". And, that controlling structure is determined by the projected width of the structure in relation to the stack. So, the projected width, we anticipate that silo is on the order of 20 feet in diameter. As you can see from looking at the figures, the projected width of those other structures, the boiler building, most notably, is much,

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much larger than that.
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                        MR. WRIGHT: Okay. Thank you very much.
                        CHAIRMAN BURACK: Other questions?
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 4
      Mr. Harrington.
                        WITNESS BRAVAKIS: Mr. Chairman?
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                        CHAIRMAN BURACK: Yes.
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                        WITNESS BRAVAKIS: If we're going to go
      on much longer, could we take a break?
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                         (Laughter.)
                        WITNESS BRAVAKIS: I'm going to stop
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11
      drinking coffee before these things.
                        CHAIRMAN BURACK: We'll go ahead and
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      take a break from now until -- why don't we try to be back
      here by five minutes of 11:00. I don't think we're going
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15
      to have very much more time with this panel. I think
      we're almost done. And, then, we'll, from there, move to
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17
      the panel of Mr. Bartoszek and Mr. Strickler. Okay?
                        WITNESS BRAVAKIS: Thank you.
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                        CHAIRMAN BURACK: Thank you.
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                        (Whereupon a recess was taken at 10:44
21
                        a.m. and the hearing resumed at 10:59
22
                        a.m.)
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                        CHAIRMAN BURACK: We are now returning
      from our break. And, then, we will resume questioning of
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{SEC 2009-02} [Day 3/Morning session] {08-25-10}

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this panel. And, I think we had just a few other
questions before we wrap up this panel. Mr. Harrington,
did you have a question?
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4 MR. HARRINGTON: Yes.

CHAIRMAN BURACK: Please proceed.

6 BY MR. HARRINGTON:

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- 7 Just one real quick question. We had discussed this Q. 8 just a little earlier on the -- at 45 percent water content or moisture content, and the figure I think 9 that was just brought up was 761,000 tons would be used 10 annually. Then, in the -- and, we were talking about 11 Mr. Liston's testimony, on Page 10, there was a little 12 chart there, that I thought I heard came from a Laidlaw 13 document that says, at 45 percent moisture content, it 14 would be 744,793, this is in response to a question 15 from Mr. Needleman. Can you tell us which one of those 16 17 is correct?
 - A. (Frecker) Well, I think that the difference between those two numbers, the 744 and the 761, recognizing that that's about a 1 percent difference, is in round off and some of the factors that are being used.
- Q. Okay. So, it's just a slightly different way of doing the same calculation?
 - A. (Frecker) That's right.

- Q. Okay. And, I did have one other question. 1 2 some discussion by Mr. Richmond on the costs being different above the Notches, it's a little bit more 3 expensive because of the competition with the mills, 4 and below it was cheaper, except in the case of 5 Schiller, because they had a more limited range due to 6 7 the back up to the ocean. So, below the Notches then, 8 they're not getting competition from pulp mills, so they are burning whole trees in the facilities down 9 there? 10
- 11 A. (Richmond) Oh, no. There's still plenty of roundwood
 12 that finds its way north in the form of pulpwood and/or
 13 sawlogs, going to Canada and the northern sawmills.
 14 So, no, it does not mean that they're putting the whole
 15 trees or the high grade in the chippers.
 - Q. So, why is the price lower there then?

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A. (Richmond) Private landowners, more of a push economy, more land conversion going, the economy's a little stronger, so there's more of that push economy wood down here than there is up north.

MR. HARRINGTON: I never realized that wood economics was so complicated. And, I won't try to learn it all today. Thank you. That's all I had.

CHAIRMAN BURACK: Other questions from

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      the Subcommittee? Any other questions?
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                         (No verbal response)
                        CHAIRMAN BURACK: Okay. I do have one
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      other question for Attorney Needleman here. Yesterday,
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      when we were questioning Mr. Mongan, I asked him about the
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      frequency of the FIA reporting. Do you have an answer on
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 7
      that at this point or are you still seeking that
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      information?
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                        MR. NEEDLEMAN:
                                         I'm not sure. Let me
      ask Mr. Bravakis.
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                        WITNESS BRAVAKIS: We have an update,
      and let me provide it for you. And, if you'd like
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      additional, we can certainly get that to you, Mr.
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      Chairman.
                        One of the questions, if I'm correct, is
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      "whether or not there's any FIA data made available since
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      the report?" And, what we understand now is that, yes, in
      2004, 2008, inventory data is available on the Web.
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      However, according to Dr. Shi, who did this investigation
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      last night, the corresponding removal seems incomplete
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      from the online database. And, we can provide for you the
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      URL, if you would like that.
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                        The second question was, "How often FIA
      data is updated? How often do they update their growth
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and removal estimates in the area that was studied?" The response that we have is that we do not know how often FIA updates their growth/removals. We can contact them to get that answer. However, what we're learning is they're constantly changing and their online data inventory reporting tools. So, if you would like them to -- if you would like us to contact them to get the actual schedule of when they update, we'd be pleased to do that.

And, then, the third question was, "is there new FIA data? Does it depart significantly from information that was used in the study?" What we have learned is that the average net growth of the growing stock is much more than was used in the study, according to the new data. So, those numbers would go up. However, the removal data is not completed yet, so therefore it is not available.

CHAIRMAN BURACK: Thank you. So, if I understand your answer to the last question, that the review that's been done so far of the new FIA data that are available online indicates that there is more growth than was previously described, but the data relating to removals does not appear to be complete yet. Is that correct?

WITNESS BRAVAKIS: That's correct.

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                        CHAIRMAN BURACK: Okay. It would be
      very helpful if you could contact or have the LandVest
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      people contact the personnel at the -- is it U.S.
 3
      Department of Agriculture, again, that prepares the FIA,
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      is that correct?
                        WITNESS BRAVAKIS: I don't know.
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                        CHAIRMAN BURACK: Okay. Well, --
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                        WITNESS BRAVAKIS: Forest Service, I
      thought.
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                        CHAIRMAN BURACK: The Forest Service.
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                        WITNESS BRAVAKIS: Or, the Department of
      the Agriculture, they might be, I don't know.
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                        CHAIRMAN BURACK: Right. Yes, it would
13
14
      be.
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                        WITNESS BRAVAKIS:
                                            Okay.
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                        CHAIRMAN BURACK: If you would please
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      have LandVest, or if you or one of your personnel would
      contact them, it would be very helpful to know what their
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      -- if there is a regular schedule for updates of FIA for
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20
      this region, what that schedule is. Also, would you just
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      please provide us with just the URL, just so that we can,
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      if we wish to go and look at that ourselves, just put that
23
      in writing to us please.
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                        WITNESS BRAVAKIS: We will do that, Mr.
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      Chairman.
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                         CHAIRMAN BURACK: Very good. Thank you.
      Gentlemen, I want to thank all of you very much for taking
 3
      the time, for bearing with us, and answering our
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      questions. We appreciate your responsiveness. Again, it
      is possible that we may have additional questions for some
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      or all of you before these proceedings conclude. But, for
      the moment, I think we have satisfied our need. So, we
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9
      thank you very much.
                        MR. ROTH: Mr. Chairman?
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                         CHAIRMAN BURACK:
                                           Yes.
                        MR. ROTH: On that note, we still have
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      confidential questions that may be addressed to Mr.
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      Richmond.
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                         CHAIRMAN BURACK:
                                           Yes.
                                                 And, we will
      work to find a manner in which we can ensure that we get
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      responses or have an opportunity to pose those questions
      and obtain responses.
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                        MR. ROTH:
                                    Thank you.
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                        CHAIRMAN BURACK: So, we're going to
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      excuse this panel, at least for the moment, and I'm going
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      to ask Attorney Needleman if you would please bring to us
23
      the next witnesses.
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                        MR. NEEDLEMAN:
                                         Yes.
                                               I would ask
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- 1 Mr. Bartoszek to come up and also Mr. Strickler to come up 2 again please.
 - (Whereupon Michael B. Bartoszek was duly sworn and cautioned by the Court Reporter and Carl S. Strickler was recalled to the stand having been

MICHAEL B. BARTOSZEK, SWORN

previously sworn.)

CARL S. STRICKLER, PREVIOUSLY SWORN

DIRECT EXAMINATION

11 BY MR. NEEDLEMAN:

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- Q. Mr. Bartoszek, could you just state your full name and your position for the Committee please.
- 14 A. (Bartoszek) Michael Bartoszek. I'm the President and
 15 CEO of the Applicant.
- Q. And, you've provided testimony and supplements in this matter, which have been submitted to the Committee as Exhibits 33, 34, 35, and 36, is that correct?
- 19 A. (Bartoszek) That's correct.
- Q. And, do you have any material additions or changes to any of that testimony?
- A. (Bartoszek) I have no additions or changes to the
 testimony. I'd like to just briefly touch on a couple
 of points that have been discussed quite a bit, but

just to quickly point out their significance from my perspective. We talked about the Pre-EPC Agreement, the selection of Babcock & Wilcox as the EPC contractor for the Project. And, from a financing perspective, this is pretty significant. Because, subsequent to the Pre-EPC Contract, upon the execution of the EPC Contract, that will provide, basically, an all-in price for the construction of the Project, which is a critical element to the financing. So, the lender, the person who is going to finance the long-term debt of the Project, will know exactly what it's going to cost.

The Fuel Supply Agreement is also an important component of the financing, because it really complements and works in conjunction with the Power Purchase Agreement. It provides certainty with respect to cost on the fuel side, just as the Power Purchase Agreement provides certainty with respect to revenue. So, it provides a picture to -- from the financing perspective, as to what the annual cash flows of the Project are going to be.

And, then, lastly, the New Market Tax

Credits were mentioned by Mayor Grenier at the opening

of the session. The Project's received an allocation

of 44.5 million of New Market Tax Credits. And, the

significance of this, from a financing perspective, is
it provides additional equity for the Project, so
additional dollars. And, then, the pretty neat thing
about it actually is, there are some really significant
community benefits. So, from the net or, from the
gross proceeds of the New Market Tax Credits,
2.25 million will be deducted right off the top to be
used for a loan fund in the community. And, we've
heard a lot of talk about the need for chippers and to
rebuild the infrastructure for fuel supply in the North
Country. So, that loan fund will be an integral part
of enabling folks to be able to hopefully get those
chippers. It can either directly provide loans to
those people or it could guarantee loans to those
people. And, since that's a the two and a quarter
million, I think we've conservatively assumed
two-to-one leverage. So, I mean, if you figure, a guy
who wants a chipper is going to go to the bank, get a
loan, and, conservatively, 50 percent of that would be
equity for the loan, it's pretty, you know, probably
going to get the loan. So, we could probably even
lever it a little bit more and provide more community
benefit.
And, then, another 500,000 comes off the

- top of the gross proceeds and goes directly into the
 community for -- it's basically kind of a community
 grant. I'm not exactly sure what its specific purpose
 is, but it's a community -- community development
 grant. And, then, the remaining proceeds, after costs,
 go to the project as equity. So, it's quite
 significant.
 - Q. With respect to Exhibits 33, 34, 35, and 36, which is your initial testimony, and then various amendments and supplemental testimony, do you now swear to that and adopt it as your own for purposes of this proceeding?
 - A. (Bartoszek) I do.

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- Q. Now, before I turn you over to cross-examination,
 there's one other thing I wanted to do. We submitted
 to the Committee, I believe on Tuesday morning, what's
 been designated "Committee Exhibit Number 1", and that
 was a response to the Committee's request for more
 information about the new ownership structure. Do you
 have a copy of that in front of you?
- 20 A. (Bartoszek) I do.
- Q. What I wanted to do is just take a few minutes, at a very high level, and I'm looking particularly at the chart, which I now know it doesn't have page numbers.

 But it's Committee Exhibit Number 1, and there's a

chart about two-thirds of the way through. And, the page is titled "Laidlaw Berlin BioPower at Berlin, New Hampshire Ownership and Operation Structure". And, I would like to have everyone focus on that page for a few minutes.

CHAIRMAN BURACK: If I may interrupt for just a moment, counsel. I believe that yesterday a chart was prepared on the whiteboard behind the panelists here. Would it be helpful to work with that or do you believe that differs from this chart on this page?

MR. NEEDLEMAN: There may be a very slight difference, I haven't compared them. But it would probably be helpful to work from that one. So, if we could maybe take the boards down that are blocking it.

And, if anyone does notice a difference that they think is important, please call it to my attention and we'll address it.

WITNESS BARTOSZEK: Would you like me to stand up here, Mr. Chairman, and use the board or just leave it up there for visual purposes?

CHAIRMAN BURACK: It may be helpful if you stand next to it and point to it as you're walking through this. For members of the Committee and the public, I've counted pages, and it appears to me that this

- is at approximately Page 12 of this document, if you want to look at the paper version.
- 3 BY MR. NEEDLEMAN:
- Q. Now, again, what I want to do, just at a very high
 level, is have you orient the Committee to these
 various players. And, let me begin by asking you, are
 there any entities on that chart that are publicly
 traded companies?
- 9 A. (Bartoszek) No.
- Q. Are there any entities on that chart that are owned in any way by publicly traded companies?
- 12 A. (Bartoszek) No.
- Q. So, every entity on that chart is purely a private entity?
- 15 A. (Bartoszek) That's correct.
- Q. Let me begin with NewCo Energy, LLC, which is the
 entity at the top of the chart. Can you describe to us
 what NewCo's role and purpose is in this new structure?
- 19 A. (Bartoszek) NewCo's basically an investment vehicle.
- The current and former partners and the utility
- 21 practice of Accenture and other investors, basically
- invested their capital in NewCo for the purposes of
- financing the equity in the Project.
- Q. And, if this deal is consummated, NewCo will become the

- 1 100 percent owner of the Applicant, Laidlaw Berlin 2 BioPower, is that correct?
- 3 A. (Bartoszek) That's correct.
- Q. And, then, looking to the right column, "Laidlaw Berlin BioPower" is the next entity down, is that correct?
- 6 A. (Bartoszek) Correct.
- 7 Q. Can you describe for the Committee what the purpose of Laidlaw Berlin BioPower is?
- 9 A. (Bartoszek) Laidlaw Berlin BioPower's purpose is to be
 10 the Applicant, basically, to own all the material
 11 agreements of the Project and -- or to hold all the
 12 material agreements of the Project, and to basically
 13 manage and control the Project.
- 14 Q. Is there any change at all in the role that Laidlaw
 15 Berlin BioPower will be playing going forward under the
 16 new structure, in relation to the role they were
 17 playing under the old structure with respect to this
 18 project?
- A. (Bartoszek) No. And, actually, as we walk through each of these, these are all, basically, these are all the same roles that they played previously.
- Q. Well, and let me clarify that. When you say that, are you focusing particularly on the entities on the right side of the column, and then on PJPD?

- A. (Bartoszek) That's right. PJPD is playing the same
 role it played previously, and LBB is, as well as
 NewCo. NewCo was probably not on the original chart.
 But, if you had gone further up the chart, you would
 have seen NewCo there. So, they're all playing the
 same role they did previously.
- Q. And, I will get to PJPD in a minute, but I just want to continue down the right side for the moment. So, underneath "Laidlaw" on that chart is "Homeland Renewable Energy". Can you explain what Homeland Renewable Energy's role is here?
- 12 A. (Bartoszek) Homeland's job is -- Homeland Renewable
 13 Energy's job is to manage the construction of the
 14 Project.
- Q. And, is the role that Homeland is playing going forward the same role that Homeland was playing previously?
- 17 A. (Bartoszek) It is indeed.
- Q. And, again, I am focusing on roles, not on corporate relationships and ownership structure.
- 20 A. (Bartoszek) Correct.
- Q. And, then, underneath "Homeland" is "Fibrowatt". Can you explain what role Fibrowatt will be playing?
- 23 A. (Bartoszek) Fibrowatt is contemplated to be the
 24 operator of the facility. So, it's pretty common in

- the energy industry for there to be a third party who
 manages and operates the actual facility, once it
 commences commercial operations, pursuant to what's
 commonly called an "O&M Agreement". And, that could be
 an affiliate of the developer, but oftentimes it's a
 disinterested third party.
 - Q. Let me go over now to the left column, and there is an entity on that chart called "Aware". I believe the full name is "Aware Funding, LLC". What role does that entity play?
- 11 A. (Bartoszek) It's basically the funding entity. So, the 12 funds flow from NewCo to Aware.
- 13 Q. And, then, what role does PJPD play?

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- (Bartoszek) PJPD's role is the owner of the physical 14 Α. assets of the plant and the facility, and also acts as 15 the lessor. So, in the original chart that we 16 17 provided, PJPD was always the owner of the assets and held the assets, and leased them to the Applicant, 18 Laidlaw Berlin BioPower, pursuant to a long-term lease. 19 And, that's exactly what they're continuing to do in 20 21 this structure.
 - Q. Now, one other question. In the original Application, there was a chart attached to your testimony, which is -- will be, we assume, if the deal closes, what the

- prior structure looked like. And, there was one entity
- in that chart that was/is a publicly traded company.
- 3 Which entity was that?
- 4 A. (Bartoszek) That's Laidlaw Energy Group, Inc.
- 5 Q. And, what is your relationship to Laidlaw Energy Group,
- f Inc.?
- 7 A. (Bartoszek) I'm its president and CEO.
- 8 Q. And, can you briefly describe what Laidlaw Energy
- 9 Group, Inc., is?
- 10 A. (Bartoszek) Laidlaw Energy Group is basically a company
- who holds investments in renewable energy projects.
- 12 Q. And, is it correct that, if this deal goes forward as
- contemplated, Laidlaw Energy Group, Inc., will no
- 14 longer have a connection to the Project?
- 15 A. (Bartoszek) That's correct.
- 16 Q. And, let me be more clear. Will no longer have an
- ownership interest in the Project?
- 18 A. (Bartoszek) That's correct, yes. I will continue to be
- its CEO, as I will continue to be the President and CEO
- of the Applicant, but it will not have an equity
- 21 interest in the Project.
- MR. NEEDLEMAN: That's all I wanted to
- ask at this point, Mr. Chairman. Mr. Bartoszek and
- 24 Mr. Strickler are now available for questions.

- 1 CHAIRMAN BURACK: So, you have no
- questions at all of Mr. Strickler at this time?
- MR. NEEDLEMAN: Not at this point.
- 4 CHAIRMAN BURACK: Okay. Thank you.
- 5 Very good. Turn to Attorney Schnipper, does the City of
- 6 Berlin have questions?
- 7 MR. SCHNIPPER: Just a few questions for
- 8 Mr. Bartoszek.

9 CROSS-EXAMINATION

- 10 BY MR. SCHNIPPER:
- 11 Q. Mr. Bartoszek, my colleague, Pete Van Oot, the other
- day asked Mr. Bravakis a few questions about the
- 13 stipulated agreements negotiated between the Applicant
- and the City of Berlin, but I think you were actually
- the appropriate person for some of those questions to
- be directed to. So, I'm going to ask you them.
- 17 A. (Bartoszek) Okay.
- 18 Q. First, you're aware, I assume, that -- of the ongoing
- 19 negotiations between the City of Berlin and the
- 20 Applicant with regard to a stipulated set of permit
- 21 conditions?
- 22 A. (Bartoszek) I am.
- Q. And, are you aware of the content of those agreed upon
- 24 stipulations?

- 1 A. (Bartoszek) I'm generally familiar with the content.
- Q. And, to the extent that you're not, Mr. Bartoszek's
- knowledge is okay with you? That he knows the
- 4 specifics.
- 5 A. (Bartoszek) Mr. Bravakis's knowledge?
- 6 Q. Excuse me, yes.
- 7 A. (Bartoszek) People get us confused all the time.
- 8 Q. Yes. Mr. Bravakis --
- 9 A. (Bartoszek) Yes.
- 10 Q. -- is intimately aware, I know, because I've been
- working with him on that. So, Mr. Bravakis had said
- that you were the individual with the power to bind the
- 13 Applicant to those conditions, is that correct?
- 14 A. (Bartoszek) That's correct.
- 15 Q. And, assuming that the final, agreed upon form that we
- 16 have here today is ultimately acceptable to both
- 17 parties, are you prepared to bind the Applicant to
- 18 those conditions?
- 19 A. (Bartoszek) I am prepared to execute that agreement.
- 20 Q. Great. Thank you. With regard to the new ownership
- 21 structure, one outstanding question for the City is,
- who the party is that's responsible for the payment of
- 23 property taxes on the facility?
- 24 A. (Bartoszek) Pursuant to the lease, as you may recall,

- so, PJPD, the property owner, who actually receives the bills for property taxes as the property owner, tenders those bills to the Applicant for payment. So, I guess, kind of a simple explanation is all operating expenses or expenses of the Project of any nature are the responsibility of the Applicant, Laidlaw Berlin BioPower.
- 8 Q. Now, they're the contractual obligation of Laidlaw.
 9 But, in terms of ultimate responsibility, the property
 10 owner is PJPD, the party that's responsible for paying
 11 those taxes, and it's simply under a business agreement
 12 that -- under which Laidlaw will pay them?
- A. (Bartoszek) That really seems -- you really seem to be asking me to draw a legal conclusion there.
- 15 Q. Well, no, --

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- A. (Bartoszek) I would probably agree with what you're
 saying, that I would think that, as the property owner,
 they are ultimately responsible. And, you are correct,
 that we are contractually responsible to pay those
 costs. So, were we not to pay those costs, we would be
 in, presumably, in breach of our agreement with PJPD.
 - Q. Understandably, and I don't in any way think that that will occur. My question is more from the City, because the City needs to know who the ultimate payor is in the

- event that it needs to attempt to collect property
 taxes, that's the only question from our end. So, I
 guess, as we both understand it, the bill will be going
 to PJPD, paid by Laidlaw?
 - A. (Bartoszek) That's correct. And, that's how it's been handled to date. I can tell you, I think on two or three occasions, I've signed disbursements to pay property taxes to the City of Berlin. So, that is exactly how it's functioned to date, and I expect in the future how it will function.
- 11 Q. Excellent. And, so that nothing about that

 12 relationship has been changed by this change in

 13 ownership structure?
- 14 A. (Bartoszek) Not all all.

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Now, just to make clear, prior to the change in 15 Q. ownership structure, both you, I believe, and please 16 17 correct me if I'm wrong, through your holdings in Laidlaw Energy Group, and then Mr. Bravakis and 18 19 Mr. Kusche through their respective LLCs, did have an equity stake in the Project? Or, in -- no, I guess, 20 21 not in the asset and the facilities, but in the 22 operational entity? Is that a better way to say it?

(Bartoszek) Right. Kind of a simple way to look at it

is the PJPD owns the physical assets, and, under the

lease, our entitlement was largely to Project cash flows.

- Q. Got it. And, that entitlement on behalf of the Applicant has not changed, simply the ownership structure of the Applicant has, but your roles didn't. So, you -- the three of you no longer have what I would -- I mean, and I'm not an expert in this, but ownership responsibilities, it's more management responsibilities at this point. Is that a fair way to describe it?
 - A. (Bartoszek) Right. I mean, as I tried to point out earlier, our roles are -- all the roles of people who you see here during this proceeding, the roles really aren't changing. So, I remain the President and CEO of the Applicant. My underlying equity interest in the Project or the underlying equity interest of my company is contemplated to be sold. We still are an equity holder, as things stand right now. We, obviously, expect that transaction to close. But that is correct. So, from a managerial perspective, everything remains the same. From a -- it's simply a sale or a transference of the underlying equity in the Project.
 - Q. Got it. Okay. Thank you. Now, this may be, you may
 -- I know you're not in a position to bind PJPD to
 answers, but a question I have is, when there's

- questions about the development of the balance of the property, and there's a lot of talk about possibly collocating third party businesses, who's going to make those decisions, in terms of who comes in as a tenant?

 I mean, I know the City will have a zoning and a planning role. But, in terms of selecting tenants, would that be the Applicant or PJPD as the asset owner?
- A. (Bartoszek) Well, the lessee, the Applicant, is responsible for the entire property. So, we would have a direct responsibility for those decisions. I can tell you that, in connection with the contemplated sale, the Board of Managers of the Applicant will change and will be consistent with the Board of Managers of NewCo. So, my reporting responsibility to NewCo, who, if you come down this way [indicating], is an owner of PJPD.
- 17 Q. Sure.

- A. (Bartoszek) Obviously, they have a involvement in those decisions from a corporate governance standpoint.
 - Q. Understood. Yes. And, so, I guess what I'm saying is, you know, obviously, there will be -- the change in board structure is going to mean a change in personalities making these decisions, but the legal entity making the -- well, every decision with regard

- to what goes on on that property is still the Applicant?
- A. (Bartoszek) Yes. And, I probably should even -- I

 wouldn't even characterize it as a "change in

 personalities". Because, keep in mind, that NewCo has

 been here all along.
- 7 O. Sure.
- 8 A. (Bartoszek) And, they have been funding the equity -9 been funding the development of the Project since we
 10 entered into our agreement with them, our development
 11 agreement. So, the personalities really all remain the
 12 same, and I believe all remain committed to working
 13 very closely with the City of Berlin.
- 14 Q. I'm glad to hear that. One more question about
 15 taxation. I mean, is basically the funds that are
 16 flowing, if I'm correct, there's a leasehold held by
 17 Laidlaw from PJPD. The debt is issued by Aware, and
 18 that debt is not issued back to NewCo, it's issued to a
 19 variety of -- or is it issued?
- 20 A. (Bartoszek) That's a great question. I mean, maybe to
 21 take a quick second --
- 22 Q. Please take your time.
- A. (Bartoszek) -- and talk about project financing might be in order. So, there will be at what we would

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characterize the "financial closing" or the "construction closing", a lender will make a loan to -it could, it will presumably be the Applicant, but oftentimes a new LLC is created for liability purposes, but, you know, basically it's the applicant. And, the long-term debt holder is basically the mortgage holder of the property. And, he will most certainly require that all revenues from the Project be sent to, basically, to a lockbox, and there will be an agreement that governs the disbursement of those funds from that lockbox. And, that will invariably at the top of that disbursement schedule is the operation and maintenance of the facility, any property taxes, any federal taxes. Those are almost invariably the top line items of disbursement. And, then, the next level down will generally be debt service, will be the obligations to the lender, and then any obligations to any investors subordinate to the lender. And, then, it just keeps basically flowing down the list of designated payees. And, generally, way, way, way down at the bottom, the last guy, is if there's any profits left over, hopefully.

Well, as a stakeholder and a small share of that top

tier, the City is happy to hear that it occupies that

- level of priority. One last question about the New 1 Market, excuse me, Tax Credits, am I correct in what I 2 heard that the Applicant plans to make a \$500,000 3 direct grant from those tax credits to the City?
 - (Bartoszek) My understanding is \$500,000 is set aside Α. for some type of funding for the City. I'm not exactly sure how it's characterized. I can check into that and get back to you. But I know the figure is correct, I'm not exactly sure what it's designated purpose is.
- That will be great, and I'd love any more details you 10 Q. have on that. 11
- 12 (Bartoszek) Sure.
- Thanks. That's all I 13 MR. SCHNIPPER:
- 14 have.

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- 15 CHAIRMAN BURACK: Thank you very much,
- Attorney Schnipper. Attorney Rodier. 16
- 17 MR. RODIER: Thank you, Mr. Chairman.
- BY MR. RODIER: 18
- 19 Q. Mr. Bartoszek, I just want to acquaint us all with your
- exhibits that have your name on them. And, those are 20
- 21 Exhibits 33, 34, 35, 36, Applicant's exhibits, is that
- 22 correct?
- 23 (Bartoszek) That sounds correct. Α.
- Okay. Could we turn to Tab 33, Exhibit 33. And, let 24 Q.

- 1 me know when you have it.
- 2 A. (Bartoszek) All set.
- 3 Q. Okay. This was the original testimony filed last
- 4 December 16th or thereabouts?
- 5 A. (Bartoszek) Filed with the Application, correct.
- 6 Q. Right. Okay. And, very quickly, and let me just add,
- 7 I want to try to get through this in a half an hour,
- 8 that's my objective. Just wanted you to know that.
- 9 A. (Bartoszek) That sounds good.
- 10 Q. I'm sure the Committee is not upset to hear that. On
- Page 1 of your prefiled testimony, you don't list any
- formal education, so I just wanted to ask you just in
- passing very briefly, do you have any formal secondary
- 14 education?
- 15 A. (Bartoszek) Yes. I attended both Rutgers and DePaul
- Universities. I did not receive a degree.
- 17 Q. Rutgers and what?
- 18 A. (Bartoszek) DePaul University.
- 19 Q. Oh, the one out in Chicago?
- 20 A. (Bartoszek) Correct.
- 21 Q. Okay. So, let's go to the next tab, which is Exhibit
- 22 4, and --
- 23 A. (Bartoszek) I'm sorry?
- 24 Q. One more question on Exhibit 33. Because, as you're

- aware, you probably are aware, that I'm going to focus
 on the PPA pass-through issue, right?
- 3 A. (Bartoszek) I kind of figured you were going to talk about that.
- Q. Yes. Would you look at Page 7 of Exhibit 33. And, I'd just like you to read Lines 19 -- 19 through 22.
- 7 A. (Bartoszek) "Positive factor in securing the debt financing."
- 9 Q. Oh, I'm sorry. I may have misspoken. I meant to say

 "Page 7, Lines 19" -- oh, I see what you did. There's

 a partial sentence there. No. Start with the new

 complete sentence "Under".
- A. (Bartoszek) So, do you want me to read from Line 18 or Line 20.
- Q. Well, the easier thing to do is to just start -- is to just do what you were going to do. But, when you get to Line 22, stop after "terms of the PPA." Just stop there. Read the rest of it.
- A. (Bartoszek) Okay. "Positive factor in securing the
 debt financing. Under the PPA, PSNH will purchase

 100 percent of the Project's electric output and
 capacity for a period of 20 years. As a hedge against
 rising fuel prices, the energy price will be adjusted
 based on the Project's cost of biomass fuel pursuant to

1 the terms of the PPA."

- 2 Q. Okay. That's good. "The energy price will be adjusted
- 3 based on the Project's cost of biomass fuel pursuant to
- the terms of the PPA." Now, this passage was
- subsequently amended, was it not?
- 6 A. (Bartoszek) That's correct.
- 7 Q. And, where would we find that under -- well, tell us
- 8 what the -- the next exhibit is what, 34?
- 9 A. (Bartoszek) Yes, after 33 comes 34.
- 10 Q. And, 34 is -- looks like it's just two pages. And,
- this was an amendment filed May 7th, right after the
- technical session. And, you filed an amendment to this
- testimony, as well as the Application, did you not?
- 14 A. (Bartoszek) That's -- I filed an amendment to my
- 15 testimony, yes.
- 16 Q. Okay. And, could you just tell us what -- was
- 17 something taken out and something inserted?
- 18 A. (Bartoszek) Yes.
- 19 Q. Tell us what was taken out and what was inserted?
- 20 A. (Bartoszek) What was deleted, I don't have a redline
- version in front of me, but --
- MS. VAUGHN: You do.
- 23 WITNESS BARTOSZEK: Oh, in the other --
- 24 BY MR. RODIER:

- 1 Q. Well, let me ask, get to it on the questions then.
- 2 Mr. Bartoszek, I'll just ask some questions and we'll
- get to the same point, if that's okay?
- 4 A. (Bartoszek) Sure.
- 5 Q. All right. Line 20 and 21, there's a sentence that
- 6 says "As a hedge against rising fuel prices, the energy
- 7 price will be adjusted based on the Project's cost of
- 8 biomass fuel pursuant to the terms of the PPA." That
- 9 was taken out?
- 10 A. (Bartoszek) That's right.
- 11 Q. And, if we go to Exhibit 34, Lines 20 and 21, the
- sentence that read -- the new sentence inserted in its
- 13 place was "The Project will have incentives to acquire
- 14 fuel at competitive prices." Is that correct?
- 15 A. (Bartoszek) That's correct.
- 16 Q. Okay. Now, let's go to 35. And, 35 is supplemental
- testimony that you put in on July 9th, correct?
- 18 A. (Bartoszek) I believe that's correct.
- 19 Q. Okay. All right. And, then, finally, we've got
- Exhibit 36, which is a amended piece of testimony that
- 21 amends what?
- 22 A. (Bartoszek) The purpose of the amended testimony is to
- make reference to the contemplated sale of the equity
- to NewCo, as we previously discussed.

- Q. Okay. So, and basically amends your testimony that you filed as part of the Application, but that was subsequently changed, this one change that we talked about, but this amends -- it amends the December 16th version, which incorporates the May 7th change, is that correct?
- 7 A. (Bartoszek) I'm not quite sure if I'm following you there. Perhaps you could restate the question.
- 9 Okay. Well, I'm going to move on, because time is of Q. the essence here. You in the room the other day where 10 we sort of struggled trying to figure out how the price 11 that PSNH is going to pay you for your cost of wood 12 would be determined? We were talking about "what is 13 the WPA?" And, "what, if anything, does it have to do 14 with the price of wood at Schiller?" Do you recall all 15 that? 16
- 17 A. (Bartoszek) I do recall that. And, I'll be happy to try to help you with that.
- Q. Yes. How about a nice concise, simple explanation of, under the PPA, what PSNH will pay you to reimburse you for the cost of fuel that you consume in Berlin?
- A. (Bartoszek) Well, as my colleague, Mr. Bravakis, was trying to explain, that they're not going to pay us anything associated with the cost of our fuel in

- 1 Berlin. Would you -- if you'd like, I could --
- 2 Q. Well, let me just stop you right there and ask you why?
- Because it's not going to have anything to do with the
- cost of fuel you burn in Berlin, it's going to be
- 5 related to the cost of fuel burned at Schiller?
- 6 A. (Bartoszek) That's right.
- 7 Q. I appreciate you saying that.
- 8 A. (Bartoszek) The Wood Price Adjustment is associated
- 9 with the price of wood.
- 10 Q. And, finally, it was something that simple that sort of
- clears up the big question here. So, as a matter of
- fact, I was looking at the -- are you familiar with the
- 13 testimony PSNH filed with the PUC?
- 14 A. (Bartoszek) I'm generally familiar with it.
- 15 Q. Okay. Did you review that before they put it in?
- 16 A. (Bartoszek) I did not.
- 17 Q. Okay. Let's me just, as an officer of the court here,
- 18 let me just read you what Richard Labrecque of PSNH
- says on Page 4 of his testimony. It's pretty brief.
- MR. NEEDLEMAN: Do you have a copy that
- 21 Mr. Bartoszek could look at?
- MR. RODIER: We do not have an extra
- copy. What I will do, Mr. Needleman, I'll put it on your
- desk and I'll read from it, so you can see I've read it

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1
      correctly.
 2
                        MR. NEEDLEMAN: No, no. I'm sure you
      will. I'm not the witness. So, I just want him to be
 3
      able to see it and understand the context of it.
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5
                        MR. RODIER: Okay. Would it be okay if
      I read it, and then I give him a minute to review it?
6
 7
                        MR. NEEDLEMAN:
                                         Sure.
8
                        MR. RODIER: Okay.
    BY MR. RODIER:
9
         "Please describe the energy pricing. The energy base
10
    Q.
         price is -- redacted -- per megawatt-hour and applies
11
         to the first calendar quarter of commercial operation.
12
         In each subsequent calendar quarter, the energy base
13
         price will be revised to incorporate a Wood Price
14
         Adjustment (WPA), which", as one of these gentlemen
15
         over here helped us the other day, by pointing out that
16
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Now, here's the heart of this. I'm reading from Line 8 of Mr. Labrecque's testimony.

MR. RODIER: Court stenographer know how

that is contained "in Article 6.1.2(a)(ii)."

to spell that name?

(Court reporter indicating "yes".)

23 BY MR. RODIER:

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Q. "The WPA will reflect the difference between the actual

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price per ton that PSNH paid for biomass fuel at the
1
         Northern Wood Power Plant "Schiller Station" in the
 2
         immediately preceding quarter." "The difference", that
 3
         is the difference between base price and the price that
 4
         PSNH paid at Schiller, "The difference (in dollars per
5
 6
         ton), whether positive or negative, will be converted
 7
         into a dollar per megawatt-hour adjustment using a
         multiplier of _____", it's redacted, I don't know what
8
9
         that is, "per megawatt-hour. The final energy price
         payable in the invoice period will be the base price,
10
         as adjusted by the WPA." How does that strike you?
11
         Does that strike you as accurate? Is that consistent
12
         with your understanding?
13
         (Bartoszek) Yes.
14
    Α.
         Okay. I was hoping you would take a quick look at it
15
    Q.
         and give that back to me, after you look at it.
16
17
                        MR. RODIER: I will represent to the
      Commission that's -- where did we get that? Off the
18
19
      Commission's website?
20
                        MR. GABLER: Yes, it's off the website.
                        CHAIRMAN BURACK: And, Attorney Rodier,
21
22
      do you know the date of that?
23
                        MR. RODIER: Oh, sure.
24
                        MR. IACOPINO: And docket number.
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- 1 CHAIRMAN BURACK: Docket number and date
- 2 please.
- 3 MR. RODIER: Sure. This is the filing
- 4 that was made by PSNH on July 26, 2010. And, it was
- pre-assigned a docket number, which I think is 10-195.
- 6 CHAIRMAN BURACK: Thank you.
- 7 BY MR. RODIER:
- 8 Q. You agree with that?
- 9 A. (Bartoszek) I'm sorry, what's the question?
- 10 Q. Do you agree with what Mr. Labrecque had to say?
- 11 A. (Bartoszek) I do.
- 12 Q. Okay. That's helpful. So, is it fair to say that the
- price that you're going to bill PSNH is going to go up
- and down based upon the difference between the base
- price embedded in your contract and the price of wood
- 16 at Schiller, is that correct? Is that essentially
- 17 correct?
- 18 A. (Bartoszek) Yes. If you --
- 19 Q. Okay.
- 20 A. (Bartoszek) Do you mind if I expand on that?
- 21 Q. Well, maybe -- you know something, your attorney can
- always do redirect. So, I'll ask the questions here
- for the moment. I'm sure you understand. So, the
- 24 price you bill PSNH will fluctuate with the wood

1 market, won't it?

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- 2 A. (Bartoszek) Well, that's not really the correct way to characterize it --
- 4 Q. Well, it will go up and down based upon the cost of wood at Schiller.
- 6 A. (Bartoszek) That's not really correct.
- Q. Okay, now we're getting to the nut here. What don't I understand?
- (Bartoszek) Okay. Well, as you read in the testimony 9 Α. of Mr. Labrecque, the concept behind the Wood -- the 10 WPA, the Wood Price Adjustment, is to capture the 11 differential between the base price and the price paid 12 at Schiller Station. And, just some background behind 13 why we did this this way. It's not uncommon, in 14 connection with the financing of a biomass plant, for 15 lenders and investors, who are going to commit 16 17 significant capital, to want some sort of mechanism to pass through the variable cost of biomass fuel. 18 19 you know, it's a critical issue with respect to financing. 20

In this case, and we spent more than two years negotiating with Public Service of New Hampshire, this contract, and I can tell you that PSNH was critically concerned with the -- making sure that this

contract did not have any undue impact on ratepayers. Indeed, if you continue reading the next paragraph of the paper you provided me, you'll see that they make reference to that. So, rather than provide a Wood Price Adjustment based on our actual cost of wood at the plant, which the concern was it might take away our incentive necessarily to get the best price for wood. How do you police that, whether or not we're getting the best price? And, it became a cumbersome effort to try to find some mechanism to make sure we were always getting the best price for biomass fuel.

So, it was suggested that, instead of doing that, we would use PSNH's price at Schiller Station as a means of adjusting the price of electricity. And, the price that PSNH pays to start out with does not have bearing on the adjustment to the price of our electricity, it's only the differential. And, that difference is adjusted on a quarterly basis. So, it's not fluctuating up and down, as you characterize it. It's analyzed on a quarterly basis, and then an adjustment. And, the key here, and the key benefit to ratepayers also, is, up or down, adjustment is made to the price of electricity based on the fluctuation of the price at Schiller.

- Well, let me just read the next couple of sentences 1 Q. 2 This is Line 17 through 20. "What is the purpose of the WPA?" "The parties to the PPA were 3 concerned that the cost of biomass fuel delivered to 4 the Project could vary over the 20 year term of the 5 PPA. Without the WPA, LBB could be faced with 6 7 increasing fuel costs and declining operating margins 8 or even losses, perhaps to the extent that production would have to cease." So, you have to be able to 9 recover at least any possible increases in fuel costs, 10 don't you? And, the vehicle to do that is this WPA, 11 isn't that correct? 12
- 13 A. (Bartoszek) No, that's not. And, if you continue 14 reading, it gets to the part about --
- 15 Q. I'm just asking you, --
- 16 A. (Bartoszek) No, that's not correct.
- Q. -- not to go into rebuttal mode here, but just to respond to the question.
- A. (Bartoszek) I'm sorry. That's -- I'm sorry, that's not correct.
- 21 Q. Tell me why that's not correct.
- A. (Bartoszek) Because, as I understand your question,
 you're associating it with the price of our fuel. And,
 it is not connected to the price of our fuel --

Q. I understand that.

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- (Bartoszek) -- in Berlin. The adjustment is solely 2 Α. with respect to the price of electricity, and the 3 adjustment, up or down, is tied to how Schiller, a 4 large, and presumably a buyer that's able to get a 5 fairly competitive market price for biomass, the price 6 7 they pay, the differential between the price they pay, 8 and that impacts our price for -- that we have paid for our electric output, not our biomass fuel input. 9
- Q. Well, what it comes down to is you have a base price in your contract with PSNH, right?
- 12 A. (Bartoszek) That's correct.
- Q. The base price is adjusted up and down at a difference between the cost of Schiller wood to Public Service in its relationship to the base price, is that correct?
- A. (Bartoszek) That's -- yes, that's correct. And, up or down.
- Q. Yes. And, let's just have a hypothetical. Let's
 assume they go up. Let's assume the delta or the
 difference between the cost of wood PSNH buys to burn
 at Schiller becomes significantly greater than the base
 fuel price, okay? Do you have that hypothetical in
 mind?
 - A. (Bartoszek) I understand what you're saying.

- Q. Okay. Then, there's going to be an adder to the base price, correct?
- 3 A. (Bartoszek) The portion of the formula is redacted, so
 4 I'm not comfortable talking about the exact
- 5 calculation.
- 6 Q. Some of it -- Some of it will be added to the base
 7 price?
- 8 A. (Bartoszek) The general point is correct. That, if the
 9 price of fuel goes up, the differential somehow adds to
 10 the base price of electricity.
- Q. Okay. So, the price PSNH pays to you would then increase under that hypothetical?
- A. (Bartoszek) Under that hypothetical, the price of
 electricity paid to us, assuming that that were to
 occur at the close of the quarter, as characterized in
 the PPA, --
- 17 Q. Right.
- A. (Bartoszek) -- that, in aggregate, it is higher, yes, it could potentially adjust the price of electricity up.
- 21 Q. Would you agree --
- (Court reporter interruption.)
- MR. RODIER: Sorry.
- 24 BY MR. RODIER:

- Q. Would you agree then that that increase is just passed through to PSNH's ratepayers ultimately?
- 3 A. (Bartoszek) I can't really speak for how PSNH deals with those things.
- Q. Okay. You didn't review the filing that they made with the PUC?
- 7 A. (Bartoszek) I am generally familiar with the filing, 8 but --
- 9 Q. Okay. And, in that filing, it says they need approval
 10 by November 10th or this deal, lock, stock, and barrel,
 11 without any change in PSNH's ability to recover costs
 12 fully from its ratepayers. You're aware that that's in
 13 there?
- 14 A. (Bartoszek) I am aware of their filing.
- Q. Okay. And, so, this is without, I mean, this is just a huge thing for your project, correct? I mean, it's absolutely indispensable, it's what the success of this project depends upon, is having this PPA to recover these cost fluctuations, is that correct?
- A. (Bartoszek) The ability to attract financing to a large capital project of this type is dependent upon certainty of cash flow.
- 23 Q. Right.
- 24 A. (Bartoszek) Which is what the PPA provides.

- Q. Now, we premarked into evidence, I'm going to ask you to turn to what is "CPD Exhibit 4". And, do you have CPD Exhibit 4?
- 4 A. (Bartoszek) Yes.
- Q. This is Laidlaw's data response. It's actually to a question from the Office of Public Counsel. And, I'm looking at Question 14 and its response. Do you see that?
- 9 A. (Bartoszek) Yes.
- 10 Q. And, could you read that question and response.
- 11 A. (Bartoszek) "Is a PPA necessary in order to make the
 12 Project financially viable? Response: Yes."
- Q. Okay. So, that was your response then, and it still is your response today?
- 15 A. (Bartoszek) I stand by that response.
- Now, Mr. Bravakis, you were sitting right there, says 16 Q. 17 "The price the project pays does not affect the cost of electricity." Now, I'm starting to see that there's 18 19 two ways you can interpret that. If you say "the cost of electricity to the ratepayers", that's not true, 20 21 strictly. Well, let me just tell you what he said: 22 "The price the Project pays (for wood) does not affect the cost of electricity." Do you agree with that? 23 24 (Bartoszek) I do. Α.

- Q. And, given what we just went through here, your earlier questions and answers, just explain to the Committee why that statement's not true.
- (Bartoszek) As I explained, the price, we would have 4 Α. 5 liked to have had a pass-through of what we pay for wood, that would have been probably, you know, a good 6 7 way for us to do it. And, as I said earlier, it's not 8 uncommon in the financing of these types of plants to see that kind of mechanism. But, at the end of the 9 day, PSNH felt it was more in their interest of their 10 ratepayers to be able to have a certainty that the 11 Project was getting the best price with respect to --12 well, not necessarily the best price with respect to 13 fuel, but not to give us the ability or not to have to 14 run into that question as to whether or not we were 15 getting the best price for fuel. 16
- 17 Q. Okay.

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- A. (Bartoszek) Which would been associated with giving us the ability to just pass through our fuel costs.
- 20 Q. Right.
- A. (Bartoszek) So, they having a Schiller Station, which
 clearly could be -- the price they pay for wood fuel
 could clearly be ascertained, and the difference -- the
 differential clearly ascertained as a way to adjust the

- price of electricity, made a great deal of sense for this project.
- Q. Okay. So, it's true that I was sceptical of this
 response, but now I understand it. Because it's not
 the price that the Project pays, because that doesn't
 affect the cost of the electricity. It's whatever you
 are reimbursed by PSNH for wood consumption, based upon
 the prices at Schiller that affect the cost of
 electricity?
- 10 A. (Bartoszek) No. I mean, you're -- you're not quite

 11 getting it right. It's not tied to the price of wood

 12 consumption. In fact, we're incentivized to try to

 13 keep our price of wood consumption as competitive as,

 14 you know, as possible, because we cannot pass that

 15 price through. Whatever we pay for wood is what we pay

 16 for wood.
- 17 Q. Got it.
- A. (Bartoszek) We get a price adjustment to the revenue

 side, to what we receive for electricity, if Schiller

 -- if there is an adjustment associated with the price

 Schiller pays for its fuel.
- 22 Q. Right.
- A. (Bartoszek) And, you know, again, I mean there's -- I

 don't want to draw any inference from what you're

- saying, but, really, this is a very good way of doing
 this. It really is in the interest of ratepayers to do
 it this way.
- 4 Q. Well, --
- 5 A. (Bartoszek) Because how, otherwise --
- Q. Maybe your attorney can ask you about that, because that's not what I'm getting into here, okay?
- 8 A. (Bartoszek) Sure.
- 9 Q. But the price that you bill PSNH for the volume of wood
 10 that you consume in Berlin does affect the price for
 11 electricity to ratepayers?
- 12 A. (Bartoszek) We don't bill PSNH for the price of wood we receive in Berlin.
- Q. And, the price PSNH reimburses you for the wood you burn --
- 16 A. (Bartoszek) You can -- we can discuss this all day
 17 long, but it's not going to change. The price we pay
 18 for wood in Berlin is not tied to what we receive --
- Q. No. One more time. I said the price you pay PSNH, for the tons of wood you burn in Berlin, does affect the cost of ratepayers, because the base price is adjusted by the WPA, which tracks the cost of wood burned at Schiller, no?
- 24 A. (Bartoszek) Can you please restate the question?

- 1 Q. No, that's all right. I think we got the picture here,
- and I don't want to wear out my welcome. And, by the
- way, is LL -- I call it "LLEG", because it's your
- 4 ticker symbol, isn't it, "LLEG"?
- 5 A. (Bartoszek) That's correct.
- 6 Q. All right. They're not an owner of NewCo, are they?
- 7 A. (Bartoszek) No.
- 8 Q. I looked at the list. Okay. So, by the way, anyone
- 9 from NewCo in the room?
- 10 A. (Bartoszek) Yes. Yes, there is.
- 11 Q. Okay. So, if the Commission had any questions,
- obviously, for NewCo, it's up for them to decide,
- because there is somebody here?
- 14 A. (Bartoszek) Yes.
- 15 Q. Okay. And, by the way, your role, continuing role,
- you're going to be an employee of what I call "LBB",
- 17 the Applicant?
- 18 A. (Bartoszek) My role remains the same. I'll be the
- 19 chief executive of the Applicant.
- 20 Q. And, are you going to be compensated?
- 21 A. (Bartoszek) My -- No, I'm not going to be compensated.
- 22 Q. So, let me ask you a question, I just want to get to a
- point here. I'm leaving this adjustment clause, maybe
- somebody else can do better than I did. But you want

- to start construction this fall, don't you?
- 2 A. (Bartoszek) We want to start construction by the end of 3 the year, that's correct.
- Q. Okay. For all the reasons that we know, you want to get these tax incentives, right?
- 6 A. (Bartoszek) It is, yes.
- Q. Okay. According to your filing at the PUC, you need a final decision from the PUC by November 10th?
- 9 A. (Bartoszek) I believe that's what it says, correct.
- 10 Q. Okay. Or what?
- 11 A. (Bartoszek) I'm sorry.
- 12 Q. Or what? What happens if you don't get that?
- 13 A. (Bartoszek) It is important for the Project to commence
- construction by the end of the year, as I believe it
- 15 was discussed earlier in these proceedings, for the
- 16 purposes of qualifying for the federal Investment Tax
- 17 Credit, which is an important part of financing the
- 18 Project.
- 19 Q. Do you want me to have the question read back to you?
- Or, why don't I just rephrase it. I said, "or what?"
- 21 What's going to happen if you don't get that approval
- by November 10th?
- 23 A. (Bartoszek) Oh, I'm happy to try to answer that. If we
- don't receive approval by November 10th, potentially,

I'm not going to

Yes.

- the Project may not receive the Investment Tax Credits, 1 2 and that might have a negative impact on the Project. Okay. And, by the way, that's not just a decision from 3 Q. the PUC, it's probably -- I think it says "a final 4 unappealable order from the PUC", doesn't it? 5 (Bartoszek) I believe that's what it says, --6 Α. 7 So, that means that, if there's a trip to the Supreme Q.
 - Court here in the future, then that has to take its course before you start construction, isn't that right?

 MR. NEEDLEMAN: I want to object to that
- 11 question. I think he's calling for a legal conclusion.

CHAIRMAN BURACK:

- ask him to answer that question.
- MR. RODIER: I'm sorry, Mr. Chairman?
- 15 CHAIRMAN BURACK: I'm not going to ask
- him to answer that question. I think you are asking for a
- 17 legal conclusion.
- 18 MR. RODIER: Okay. That's fair. That's
- 19 correct. The document will speak for itself, okay.
- 20 BY MR. RODIER:

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- Q. So, I am -- I'm just going to ask, I'm getting there, I
- 22 might not quite make it, but you had a term sheet,
- November 20, it's dated -- you issued a press release
- in September 29, 2008, announcing the PPA, didn't you?

- 1 A. (Bartoszek) That sounds correct.
- 2 Q. Yes. Okay.
- 3 A. (Bartoszek) I don't have it in front of me, but that
- 4 sounds --
- 5 Q. So, you're almost two years later to get this thing out
- 6 the door and signed, right?
- 7 A. (Bartoszek) Yes. I believe the original announcement
- was our reaching a term sheet and agreement on general
- 9 terms --
- 10 Q. Okay.
- 11 A. (Bartoszek) -- of the PPA. And, yes, it took quite a
- 12 while to negotiate.
- 13 Q. Okay. Couldn't get it done any faster? Took two
- years, even after you issued the press release?
- 15 A. (Bartoszek) Yes. As I said earlier, it took two years
- to negotiate the contract.
- 17 Q. Did you have a letter of intent?
- 18 A. (Bartoszek) Yes, we had -- well, we had -- I guess I
- 19 would characterize it as a "letter agreement".
- 20 Q. A letter agreement. So, was it binding on each side?
- 21 A. (Bartoszek) I'm not sure I can really -- is that
- something that should be part of the confidential
- session? I'm not sure to what extent I can comment on
- 24 that.

MR. NEEDLEMAN: I don't believe the letter agreement is an exhibit here. And, I'm not aware, as I sit here, what the nature of it is, but I believe we considered it confidential in the past.

MR. RODIER: All right. All I asked is whether it's -- "the letter agreement was binding". Look, I'm going to keep moving, Mr. Chairman.

want to help you and I want to answer your question. I'm just not sure if I'm permitted to answer the question.

MR. RODIER: Yes. Okay.

12 BY MR. RODIER:

- Q. Now, I guess -- so, the final thing, really, is I'm really interested in this question that came up, I think it was Mr. Bravakis, I said -- we were talking about, because of concerns about greenhouse gases, they may change the rules for RECs in Massachusetts. And, one of the results that could happen this fall is that plants like yours could lose their ability to qualify for a certain class of RECs in Massachusetts. Do you recall those discussions?
- 22 A. (Bartoszek) Yes, I do.
- Q. Okay. And, then, I said "well, you know what? Once these things go viral, that could spread to New

- Hampshire, it could happen in New Hampshire." So, I
 asked a hypothetical, or maybe I'll ask it now. And, I
 have to stop myself, because I didn't lay the base for
 the question. But you get compensated under this PPA
 by PSNH for RECs, don't you, produced by this plant?
- 6 A. (Bartoszek) Yes.
- Q. Hypothetical. New Hampshire follows suit and says
 "Plants like yours, which are not combined heat and power, don't qualify for New Hampshire RECs anymore."
 Are you still going to get paid by PSNH?
- 11 A. (Bartoszek) I'd have to defer to the terms of the
 12 contract. I'm not exactly sure how to interpret that.
- Q. I mean, I looked at it. It looks like they still got to pay you.
- 15 A. (Bartoszek) I think that -- I think that's correct.
- Q. So, they may not exist and have no value, but the deal would be you still get paid.
- A. (Bartoszek) Well, look at it this way. You enter into
 a contract with somebody today, and you make an
 agreement. And, then, in connection with that
 agreement, somebody invests \$160 million to build
 something, I think it's reasonable to expect that folks
 are going to honor the terms of the contract. So, if
 you were to then say two years later "I'm going to

change the deal, after you've spent \$160 million", that
would be a pretty tough thing to do.

MR. RODIER: Okay. Let me check my list here. I'm okay, Mr. Chairman. And, I delivered.

CHAIRMAN BURACK: Thank you very much,

Attorney Rodier. Appreciate that.

MR. RODIER: Yes.

CHAIRMAN BURACK: Okay. Going to turn now to counsel for the public for questions for this panel.

MR. BROOKS: Thank you, Mr. Chairman.

12 BY MR. BROOKS:

- Q. Mr. Bartoszek, one of the questions from Attorney
 Rodier prompted you to start answering by saying "it's
 in the interest of ratepayers to do it this way", and
 this is with respect to the WPA. Mr. Rodier preferred
 not to have that distract from his questioning, but I'd
 actually like you to expand on why it would be in the
 interest of the ratepayers to have the WPA set up this
 way?
- A. (Bartoszek) That's a great question. I appreciate the opportunity to answer it. As I said earlier, the challenge in attracting long-term financing for a biomass plant is it's -- biomass is a commodity, is not

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as easily contracted for as, say, natural gas, where you could go out and you could find a counter-party who could provide a guaranteed, long-term agreement to supply natural gas at a price that provides certainty with respect to that expense for the plant. So, one of the ways commonly, that this is commonly dealt with in the financing of these types of projects is that variable cost to biomass fuel is passed through to the buyer of the power, and that price fluctuates up and And, in our discussions, certainly that was down. something that we proposed to PSNH. And, the response that we got back from PSNH was they were concerned that, if we structured the deal that way, we would lose our incentive to necessarily get the best price for biomass, and then that would be disadvantageous to ratepayers. If, basically, we were able to pay whatever we wanted to pay for biomass fuel, pass that through to PSNH, who, in turn, pass that through to ratepayers, that wouldn't be a good thing.

By doing it the way we ultimately agreed, and tying the price to the differential at Schiller Station, which is a -- pays a market-based price, I think all the parties felt -- and, a market-based price, which, as I think you heard from

- the Cousineau representative, that is reasonably comparable to the price of wood in Berlin, we feel that that is a reasonable way to do it, that addressed the concern, but ensured that ratepayers were not unduly burdened by paying too much for this mechanism in the contract.
- Q. Okay. So, the advantage to ratepayers would be the -in comparison to the alternative, of having them pass
 through costs be related to your actual cost of fuel
 procurement, because you would no longer necessarily be
 incentivized to reduce those costs?
- A. (Bartoszek) Right. I mean, I'm not necessarily saying that that's -- that that's the way it would work in reality. Obviously, I think a business is always going to try to do its best to negotiate the best deal. But, certainly, that was a concern that was raised by PSNH, and I think it's a valid concern. And, this is the way that we chose to address it.
- Q. Okay. And, I just wanted to, again, make sure that, when you say "it's in the interest of ratepayers", it's a comparison between a situation where their pass-through costs would have been tied to whatever your procurement costs were, and, rather than that, have the choice be to have it tied to something that

- they actually control, which is the cost of wood at
 Schiller?
- (Bartoszek) That's right. I mean, and just to 3 Α. elaborate slightly, because you wouldn't otherwise --4 it would be very difficult to otherwise finance a 5 project like this. So, if the end goal is "we want the 6 7 Project and we believe it's a good thing for the North 8 Country", expecting a long-term lender to accept the variable risk of fuel going up and down is pretty 9 unrealistic. So, that it has to be dealt with some 10 way, and this was what all the parties -- what the 11 parties felt was the best way in the interest of 12 ratepayers to deal with it. 13

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Q. Okay. That gets to the specific interest of ratepayers with respect to those alternatives. Either having a price tied to your fuel costs or the Schiller fuel costs. But what about the interest of ratepayers overall for PSNH in this type of situation, where their price of energy will be tied to a fuel source, like wood? And, I say that, because, at least I can envision it, and maybe you can tell me why this isn't true, but a situation where the actual price, let's say, the spot price for electricity on the grid goes pretty low, but, for some reason, the price of wood is

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very high. Under the PPA, they're actually going to be paying you more for their electricity, even though the spot prices for electricity are down. So, is it still in the interest of the ratepayers for them to enter into that type of agreement?
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- A. (Bartoszek) It's definitely in the interest of ratepayers, because you have to look at it, it's really more of a macro issue, because a considerable portion of the electricity generated in this region of the country is tied to natural gas, which is an incredibly volatile commodity. And, I'm sure it's not, folks in this room, a pretty common -- have, I'm sure, heard of the spiking prices of natural gas during the cold months. So, it's definitely in the interest of ratepayers for PSNH to diversify its portfolio of electricity, the sources of fuel for its electric consumption, by looking at an alternative fuel like biomass.
 - MR. BROOKS: I assume anything, and I'll let Attorney Needleman chime in, too, that I would want to ask you about the actual financial terms in the PPA, I should wait?

23 CHAIRMAN BURACK: Attorney Needleman.
24 MR. NEEDLEMAN: I mean, certainly, to

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the extent it's confidential, yes. I think the Chair has been saying, if you think there's a way to ask for it in public, go ahead and try and we'll figure it out from there.
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5 MR. BROOKS: It wouldn't be a good try, 6 actually.

(Laughter.)

8 BY MR. BROOKS:

- Q. Well, you answered the question about the Massachusetts REC Program. So, that program, and this has been asked before, but that program, whether it comes or goes, you're saying doesn't affect the Laidlaw Project?
- A. (Bartoszek) That's right. I mean, that's not the -that proposal does not exist in New Hampshire, it's not
 the law in New Hampshire, and nor is it -- I mean,
 that's basically the answer. It's not something that's
 occurring in New Hampshire.
- Q. Can we go back to your first answer, which was with respect to the organizational chart. And, maybe to kind of make it clearer for me, which probably means dumbing it down. But I want to know, basically, who has the money on that chart? And, it sounds like the money might come from a third party lender. Maybe that's just the debt financing portion, and the equity

- comes from somewhere else or something else. So, can you trace the money for me on -- using that chart?
 - A. (Bartoszek) Yes. Your assumption is correct, in the capital structure. So, this would be -- NewCo would be equity, and then they contributed their to acquire the assets on this side [indicating].

CHAIRMAN BURACK: I'm sorry, on which side were you pointing to?

CONTINUED BY THE WITNESS:

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(Bartoszek) I'm sorry. So, flowing down the left side of the chart, it contributed equity down this stream, to Aware, and, in turn, to PJPD, to acquire the physical assets of the plant. That's basically equity capital. And, then, flowing down the right side of the chart, they've, in connection with the contemplated transaction, are now acquiring the cash flows of the Project under the PPA. So, in addition to the equity capital, we have other sources of capital that have been discussed. And, one of those is the New Market Tax Credits, which would contribute additional equity or -- in a project financing, the senior lender is basically like the mortgage holder on your house. They pretty much have all the -- they have first crack at the collateral. So, anybody below the senior lender,

even if they have got a second mortgage or a second loan, they're basically kind of characterized as "equity". So, the New Market Tax Credit funds may flow into the Project as a loan, but that loan will be subordinate to the ultimate senior lender -- and my marker is running out -- who's going to contribute long term debt, or is going to contribute capital to fund the balance of the construction of the Project, in consideration for long-term debt, the amortization of which will be tied to the cash flows associated with the Power Purchase Agreement.

So, coming back to why the Power

Purchase Agreement is important and an integral part of
the financing of the Project, that lender will now,
with some degree of certainty, what the revenues of the
Project are going to be looking forward 20 years, and
can structure the amortization of its financing to
coincide with that.

- Q. Thank you. I had a number of questions about basically, you know, interconnection to the Coos Loop.

 Is this the right panel to ask that?
- A. (Bartoszek) My colleague, Mr. Kusche, handles largely interconnection matters for us. So, it might be best to defer those to him.

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                        MR. BROOKS: Okay.
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                        MR. ROTH: As a starting point, it may
      make sense, since you've now changed the chart, for us to
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      make a copy of that chart and introduce it as an exhibit.
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                        MR. NEEDLEMAN:
                                         I was actually going to
      ask whether there's a way ultimately to, whatever we end
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7
      up there, make the whole --
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                        MR. ROTH: Yes, you press that green
9
      button, and that bar moves across it and makes a copy of
      it.
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                        MR. IACOPINO:
                                        Is it plugged in?
                        WITNESS BARTOSZEK: Well, I kind of
12
      scrawled on it. It might be better if we could produce a
13
      better copy and submit it, explaining what I've written up
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15
      there, unless you really prefer to have that. It wasn't
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      my intention to --
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                        MR. ROTH:
                                    It would, actually, it
      wouldn't be a bad idea if someone could provide sort of a
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      capital structure of the project, separate from the
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      corporate structure, in some sort of a chart or graphic
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      like that. It always helps, for me anyway, to see it sort
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      of laid out.
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                        WITNESS BARTOSZEK:
                                             Sure, we can do
24
      that.
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BY MR. ROTH:

- Q. And, right now, I already have some questions about the price of the Project or the cost of the Project. And, you just mentioned twice, a minute ago, that, and you seem to be talking about a hypothetical project, but I've seen this figure elsewhere, and you suggested that "the project is \$160 million." Is that the correct figure?
- A. (Bartoszek) Well, Mr. Roth, I think, as we discussed in a technical session, it's hard to pin that down until we execute the final EPC Contract, because that's the contract that's going to give us the final figure for what the Project is going to cost. But that's roughly the current estimate, between \$160 and \$170 million.
- Q. Okay. So, the 80 and 30, the 80 million in debt and the 30 million in equity that, and I thought it was a \$110 million price tag that was expressed in the Application. That's not -- that's no longer correct?
- A. (Bartoszek) Yes, I apologize. There's some confusion over that. I know -- I thought we supplied the updated \$160 million figure, and perhaps it was in our responses to the interrogatories. So, I thought that information had been provided. So -- or, updated.
- Q. It's possible, in the data request responses, it was,

but the Application itself I think still reflects a \$110 million price. But you're now saying it's 160 to 170?

- A. (Bartoszek) That's correct. And, there is also, I
 think as Mr. Bravakis pointed out yesterday, there's a
 few different ways to characterize the "price" of the
 Project. Whether or not you're talking about
 construction cost or whether you're talking about the
 all-in final cost that the financing is based on,
 because that will incorporate the costs of issuance,
 will involve numerous reserve funds, both for reserve
 funds associated with the debt -- debt service reserve
 funds, reserve funds for major maintenance, reserve
 funds for working capital, and a bunch of other project
 costs, and that's what ultimately brings it up to the
 \$160 to \$170 million. So, the construction cost would
 be a lot closer to the \$110 million in the Application.
 - Q. But, for purposes of sort of your capital structure, you said, in the Application, "80 million in debt, 30 million in equity", which leaves you roughly, you know, what, \$50 to \$60 million short of that 160-170?
 - A. (Bartoszek) Right. That's correct. Perhaps we should update those figures to reflect the most recent estimates.

- Q. Okay. And, these are probably confidential questions, but do you know who the lender is for the 80 million in debt? Have you worked up a term sheet with a lender for the 80 million in debt?
 - A. (Bartoszek) We've engaged Key Bank Capital Markets to arrange the debt financing, the project financing for the Project. And, in my discussions with Key Bank, they have given us a high degree of confidence that, based on where the Project stands currently, that they can arrange the financing for the Project.

MR. ROTH: Okay. Is -- and, I know that Key Bank is not one of your witnesses, but is somebody from Key Bank here, just in case somebody has any questions for them?

MR. NEEDLEMAN: He was here for two days, and we are going to try to get him back this afternoon. I know he's unavailable tomorrow.

MR. ROTH: Okay. That's good to know.

19 Thank you.

20 BY MR. ROTH:

- Q. So, at this point, is it fair to say from your answer that you don't yet have a commitment letter or a term sheet for a loan package through Key Bank?
- 24 A. (Bartoszek) The -- two answers. In order to get a

commitment letter to definitively commit a lender to a financing, we need to have all material permits in place. So, that's really a chicken-and-the-egg question in this kind of proceeding. We do have, in the confidential exhibits, I know a letter from Key Bank and a letter from -- a comfort letter from an investor.

- Q. Okay. And, we'll talk about those in the confidential session. But isn't, I mean, isn't it common for a commitment letter, a term sheet to include in it conditions to closing that would include arranging and having in place all your necessary permits?
- A. (Bartoszek) It could. I mean, it could be either way around. But, generally, for someone to really go to that level, I mean, you know, a commitment letter, that does have outs, as you've described. But the preferable way to, for a large financial institution to write a commitment letter, would be really to subject it to as few closing conditions as possible. So, it's not unreasonable for the lender to want all material permits and contracts in place before providing that letter.
- Q. Has the comfort letter prospect identified that they wouldn't do a commitment short of that that included

- sort of conditionality on permits? Maybe that's --
- 2 A. (Bartoszek) Maybe that's something better for the confidential session.
- Okay. All right. Now, I'm kind of interested in, in 4 Q. terms of the corporate structure, sort of who's in 5 And, I know that you're identified as the "CEO 6 7 of Laidlaw Berlin BioPower, LLC". But you're not being 8 compensated for that. Is that -- that was your testimony of a few minutes ago, that you receive no 9 compensation for your position as officer of the 10 Applicant? 11
- 12 A. (Bartoszek) Yes. I'm sort of -- I'm sort of unclear

 13 how to answer that, because it touches on some of the

 14 aspects of the contemplated sale to NewCo. And, I'm

 15 not sure to what extent those details are confidential

 16 or disclosable. So, upon reflection, I think it's fair

 17 to say that I'm being compensated for my role. So, I

 18 think I probably misspoke there.
- Q. So, are you being compensated by Laidlaw, the public company, of which you are also an officer?
- 21 A. (Bartoszek) No, no. They're -- it's not involved in the transaction.
- 23 Q. Okay.
- 24 A. If you're asking me, am I compensated in my role as CEO

- of Laidlaw Berlin BioPower, I believe that I am 1 receiving consideration in connection with being an 2 equity -- indirect equity holder in this transaction 3 for acting in that role. 4
- Okay. An "indirect equity holder". Now, I didn't see 5 Q. your list -- your name among the list of people in 6 7 NewCo?
- 8 Α. (Bartoszek) No, I'm not an equity holder in any way of 9 NewCo. So, the --
- Okay. So, are you an indirect equity holder of the 10 Q. Applicant? 11
- (Bartoszek) I am currently, but I will not be after 12 this transaction closes. So, obviously, there's 13 consideration paid for the sale of the -- the 14 contemplated sale, and upon receipt of that 15 consideration to corporate entities in which I'm an 16 17 equity holder, I would indirectly be receiving consideration. 18
- 19 Q. Okay. I see. And, you indicated that there were going to be changes of the management and board of Laidlaw 21 Berlin BioPower with that purchase. Was that -- did I understand that correctly?

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23 (Bartoszek) Right. The buyer now, who will own Α. 100 percent of LBB, will want -- will be putting its 24

- own Board of Managers in place.
- Q. So, does that mean you and Mr. Bravakis and Mr. Kusche are no longer going to be involved in the Project?
- A. (Bartoszek) No, not at all. I mean, nothing is

 changing in terms of the administrative -- our

 administrative roles in the Project. We simply report

 to a new board.
- 8 Q. So, after this transaction with -- between NewCo and 9 public Laidlaw, you will still be President of the 10 Applicant, Mr. Bravakis and Mr. Kusche will both be 11 Vice Presidents after-the-fact?
- 12 A. (Bartoszek) That's exactly correct.
- Q. But Mr. Cyr, Mr. Mueller, and Mr. Ferree will be gone, is that --
- A. (Bartoszek) No. Mr. Cyr, Mr. Mueller, and Mr. Ferree
 will be the Board of Managers of the new -- of the
 Applicant at that time.
- Q. Okay. So, then, this list of officers of the Board,
 officers and directors of the Board of the Applicant is
 post transaction?
- 21 A. (Bartoszek) That's correct.
- Q. Okay. So, just so I understand it, going forward there will be no connection to public Laidlaw. Correct?
- 24 A. (Bartoszek) That's right.

- Q. And, this was more or less contemplated from the start, is that my understanding? That there was -- I think, in the Application, or somewhere in the material I saw, it was contemplated that NewCo was going to buy out public Laidlaw from the very beginning, correct?
 - A. (Bartoszek) No, no. I think what you might be referring to, Mr. Roth, is the contemplated sale/lease back transaction?

- Q. Well, you tell me. I mean, what I thought I saw was that NewCo was going to be taking up public Laidlaw?
- A. (Bartoszek) No. That was not contemplated from the beginning. I'll give you a brief explanation. I think you might be referring to is the sale/lease back structure that we chose to utilize for the financing of the Project. So, when we, it's probably worth noting, that we've been associated with Berlin, the Berlin Project and this property going back to 2006, late 2006. And, when, we initially started working on the Project, we invested our own equity, at our own cost, to explore the viability of the Project. As

 Mr. Bravakis kind of outlined yesterday, the sort of fatal flaw analysis that you go through in order to ascertain if a project has viability.

CHAIRMAN BURACK: Can I just interrupt

1 you? You said "we". Who is "we" in this instance?
2 WITNESS BARTOSZEK: That would be
3 Laidlaw Energy Group, Inc.

CHAIRMAN BURACK: Thank you.

BY THE WITNESS:

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And, then, at a certain point, we entered into a financing arrangement with PJPD, whereby PJPD acquired the property and assets of the former Burgess Mill, and agreed to enter into a long-term lease with the -- then with the Applicant, an LLC subsequently formed for the purpose of owning this project as a special purpose entity. So, that might perhaps be what you were referring to. There were -- the other thing probably worth pointing out is, this was not always contemplated, but it is not an uncommon evolution. Because our role in the Project, we don't -- we're not construction people, and we're not power plant operators, per se. Our role, as the project sponsor, differs quite significantly from, say, Mr. Strickler, the role of Mr. Strickler and his firm, who oversee construction and most likely will oversee the operations of the facility. So, as a project sponsor, our job is to assemble the various components that make a project -- a project and a project financing viable,

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including material contracts, permits and things of that nature, so that the project essentially pencils out and makes sense. And, it's not uncommon for then a developer at that stage to make some arrangement to move to the side as other parties move forward with construction and operation.

BY MR. ROTH:

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- Q. And, do you think that -- so, the "Laidlaw" name is really -- is going to be sort of an artifact after this transaction, is that correct?
- (Bartoszek) I don't know, I might take issue with that. 11 Α. It's, you know, as I said, we've been associated with 12 this project since 2006. We've spent a lot of time in 13 the community. I believe the community associates the 14 Project with us, and particularly with myself and 15 Mr. Bravakis and Mr. Kusche. And, as we say, we intend 16 17 to be -- we are going to continue our association with the Project as its -- myself in the role of CEO and my 18 19 colleagues in executive roles. So, we don't expect that to change. 20
 - Q. But Laidlaw Energy's involvement and commitments to the Project will end with the transaction?
 - A. (Bartoszek) Yes. The public entity Laidlaw Energy
 Group's involvement with the Project, yes, will end

- 1 upon sale of that. You're correct in that.
 - Q. Okay. Will there be any remaining contractual obligations for Laidlaw Energy to support or provide any material support or financing or anything to the Applicant?
- 6 A. (Bartoszek) No.

- Q. Will there be any consulting contract between Laidlaw
 Energy and the Applicant?
 - A. (Bartoszek) Yes. So, our continued role in -- will be governed under some sort of a consulting or employment contract going forward, to ensure our continued -- I can tell you that, part of the consideration for the sale was ensuring our continued involvement in the Project, to ensure that it comes to -- that we do our best to make sure it comes to fruition.

MR. ROTH: And, this is for Attorney Needleman. On a confidential basis, can we have that consulting contract?

MR. NEEDLEMAN: Yes. I mean, we can certainly talk about it. I'm not sure the actual contracts exist. They're probably in the same form as the other documents I shared with you, which is a letter agreement.

24 BY MR. ROTH:

- Q. And, Laidlaw Energy won't have any ownership interest going forward in Laidlaw, the Applicant?
- 3 A. (Bartoszek) That's correct.
- Q. Will Laidlaw Energy have a security interest in any of the assets of the Applicant after-the-fact?
- 6 A. (Bartoszek) No.
- 7 Now, I understand that the transaction, the sale, the 0. future sale transaction, also, and maybe it's 8 unrelated, but what's happening to Homeland in this, in 9 the future? I see that they went from having an 10 ownership interest, according to the corporate org. 11 chart that you initially submitted, if I can find that. 12 Now, Exhibit 1 to your initial prefiled testimony was 13 an organization chart that showed "Homeland Renewable 14 Energy", and had "50 percent of Homeland Laidlaw", 15 which had "50 percent of Laidlaw Berlin BioPower". 16 17 that your understanding of how it was set up before?
 - A. (Bartoszek) Correct.

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- Q. And, now, as we look at the chart behind you, we see
 that Homeland is now sort of a dotted line between
 Laidlaw and Homeland. And, I assume that that means
 that there's no longer either a direct or indirect
 ownership interest between Homeland and Laidlaw?
 - A. (Bartoszek) That's correct. If you'd like me -- would

1 you like me to elaborate --

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- Q. Well, let me just ask a few more questions, maybe you don't need to. Is that change occurring as part of this other transaction between NewCo and Laidlaw Energy or is this a separate transaction, a different transaction, that's causing Homeland to change its skin, so to speak?
- 8 Α. (Bartoszek) No, it's all part and parcel to the same. I mean, I think, as Mr. Strickler, it may have been in 9 response to a question from Commissioner Ignatius 10 yesterday, you have kind of multiple equity owners in 11 this project. And, I think we all felt, when we sought 12 to sit down and make this deal, that we felt it would 13 be in the interest of the Project to streamline the 14 ownership, so that there is one equity owner. And, 15 certainly, from the perspective of financing, it makes 16 17 the financing of the Project a lot less cumbersome. So, yes, the answer to your question is correct. And, 18 19 it's part and parcel of the same transaction, and a significant part of that is to streamline the 20 21 ownership, to make the financing of the Project easier.
 - Q. Prior to the change, did Homeland have continuing commitments to pay capital in or was it fully subscribed?

- 1 A. (Bartoszek) I'm not sure I understand what you mean by
 2 "fully subscribed"?
- Q. Was Homeland, Homeland Renewables -- or, Homeland
 Laidlaw, I mean, there's sort of a trail here, but
 Homeland Laidlaw had 50 percent of Laidlaw Berlin
 BioPower. Was that 50 percent -- had they paid for all
 that or was there still an obligation to pay more?
 - A. (Bartoszek) Well, Homeland beneficially owned
 25 percent, because we were the 50 percent, we are the
 50 percent owner of Homeland Laidlaw. So, the math
 pencils out, so that Homeland Renewable beneficially
 owns 25 percent, because of our --
- 13 Q. Okay.

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- A. (Bartoszek) -- and making our holdings 75 percent. So, in connection with this transaction, we found -- we thought it was beneficial to simply unwind the transaction whereby Homeland would be paying us certain monies in consideration for the equity we sold to Homeland.
 - Q. So, did you -- so, the question then is, since it's not 50 percent, and it's only 25 percent, the question is the same, has Homeland paid for all of the equity that it had?
- 24 A. (Bartoszek) No.

- Q. So, that was simply a commitment from Homeland to pay for that equity?
- 3 A. (Bartoszek) That's right.
- 4 Q. Okay. And, so, now that commitment is no longer there?
- 5 A. (Bartoszek) That's right.

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- Q. Okay. Now, I notice from press reports that Homeland has -- or, I shouldn't say "Homeland", perhaps it's Fibrowatt, has had a couple of projects that were in development in other parts of the country that weren't
- 11 A. (Strickler) I'm not sure what you mean by --

successful. Are you aware of those?

- 12 A. (Bartoszek) Are you directing that to me or 13 Mr. Strickler?
- 14 Q. Either one of you could answer it.
- 15 A. (Strickler) I'm not sure what you mean, "unsuccessful"?
- Q. I thought I read in the press there was a project, I think, in Georgia?
- A. (Strickler) Yes. The project in Georgia that we were

 -- we were looking at developing a project in northern

 Georgia, a poultry litter-fired power plant. But we

 were working with a co-op, an electric co-op, expecting

 to get, you know, hopefully getting a power purchase

 agreement. That has been not come -- didn't come about

 as yet. So, we just suspended the development of that

- project, until that PPA is in hand.
- Q. Okay. Are there any other projects that Fibrowatt was developing that had been put on hold in the past year
- 4 or two?
- 5 A. (Strickler) We put one project in, but we're working on
- 6 three projects in North Carolina, and we put one of
- 7 them on hold.
- 8 Q. So, that's in addition to the one in Georgia?
- 9 A. (Strickler) In Georgia, correct. Yes. We're working
- on 13 others throughout the country.
- 11 Q. Okay. And, those are all going well enough?
- 12 A. (Strickler) They're all in development, yes.
- 13 Q. Okay. So, speaking for Laidlaw -- for the Applicant, I
- should say, you have a great deal of confidence in
- 15 Fibrowatt?
- 16 A. (Bartoszek) That's correct. We know the management of
- 17 Homeland and its key employees very well. We have a
- very high degree of confidence in their capabilities.
- 19 Q. Because I'm looking at sort of the organization here
- and sort of the flow of things. And, at some point,
- you will have Homeland in charge of construction, which
- is the next stage, and then Fibrowatt is going to be in
- charge of operation and maintenance, and Babcock &
- Wilcox and another contractor are going to be in charge

of basically doing the construction for Homeland. Once we get past the certificate, who's really going to be doing this project? What it looks like is, it's all been contracted out to other people. So, in terms of looking at the financial -- the financial and managerial capability to operate the Project, should we be looking at Laidlaw or should we be looking at Homeland or should we be looking at Fibrowatt or, you know, Babcock & Wilcox?

A. (Bartoszek) Well, that's a great question. And, I
think that the structure you outlined, where -- and
we're entering into contracts with parties to perform
these services is very typical for this type of
project. It's not transferring equity ownership -- or,
I think the question was asked yesterday or the day
before, you know, "who has the right to hire and fire?"
And, that's going to remain with the Applicant. The
Homeland is going to have a contractual responsibility
to perform these services in accordance with the terms
of its agreement. And, if it doesn't perform in
accordance with the terms of its agreement, obviously,
there's going to be penalties and recourse in the
agreement.

Similarly, and that's why the EPC

Contract is such a huge part of the Project, the EPC contractor, Babcock & Wilcox, puts an enormous amount of security on line to ensure the timely construction and correct operation of the plant. So, at the end of the day, it's often -- they're often referred to as the "turnkey contractor", because you get a plant that is ready to flip on the switch and operate. And, if they don't do that, there are going to be significant penalties in the agreement that can be pursued either by the Applicant or by the Applicant's assignees, specifically its lenders.

- Q. But, based on what you've just said, I mean, it seems to me that we should know more about Babcock & Wilcox, maybe we should know more about Fibrowatt, before we can determine that the financial and managerial capability to construct and operate the Project is there?
- A. (Bartoszek) But, I mean, I'm sorry, Mr. Roth, I probably should have further elaborated. These are, you know, as I read the statute, and your desire to ascertain the financial capability of the Applicant, obviously, this is not a "there's a cash on the balance sheet calculation." This is a "is there the ability to put the requisite equity and attract the requisite

financing to build this project, in accordance with the way it's applied for to this Committee?"

And, the only way to do that is to have these material contracts in place. These material contracts are part and parcel to closing that financing, and being able to meet that requirement under the statute. So, I think it's those elements that make the Project financeable, and presumably a condition of the permit's ultimately going to be the ability to get the financing. So, they all work together, basically.

- Q. Would you agree then that perhaps, at a minimum, the Committee should see final agreements with Babcock & Wilcox and final agreements with Homeland and Fibrowatt, and I suppose, you know, the consulting agreement between Laidlaw and the Applicant, so that they can understand how it is that, beyond the certificate date, this project is going to be constructed and financed and operated?
- A. (Bartoszek) Well, I'll just take one of those examples, the EPC, the final EPC Contract, as you suggest. That is a process that requires significant design, negotiation. It's my understanding, from discussions with our counsel, that it's, in all likelihood, and I

believe I even stated in my testimony that we are willing to accept as a condition of this permit the ability to get the financing. And, the only way we can get the financing is to have those material contracts in a form and substance acceptable to the parties who are going to lend the capital. So, I think if you make that condition a condition of the permit, you get everything else that you want.

- Q. So, not only are we supposed to then essentially have the financial capability be determined by a post certification "we told you", we should also accept that the construction and operation should also be subject to a similar pass on it, pending post certification, saying "yes, we did it"?
- A. (Bartoszek) Well, no. I think, as I kind of suggested before, I think -- I think, I would guess the requisite hard look is "Do these elements presented by the Applicant give me a comfort level that they have the equity and can provide -- and can obtain the debt financing to build the Project, and do they have the parties in place to operate and construct it in a way in accordance with the Application?" So, --
- Q. But how do we know that, until we see those final agreements with Homeland, Fibrowatt, and Babcock?

- A. (Strickler) And, can I ask just a question? I mean,
 maybe I can try to help answer or try to get to I think
 one of your points. And, I guess is you're asking
 whether the parties involved have the requisite
 experience and capability of doing it?
 - Q. The Applicant has the obligation to demonstrate that the Applicant has the financial and managerial capability.
- 9 A. (Strickler) Okay.

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- And, essentially, what I'm seeing, and this is more by 10 Q. way of argument, because you asked the question, that 11 the Applicant itself is entirely dependent upon the 12 managerial and financial capability of, especially with 13 respect to operation and maintenance and construction, 14 other parties that aren't applicants, and for whom we 15 not seen the final agreements and we have not had 16 17 testimony of those people about it. But that's, as I said, that's really by way of argument. 18 I'm not here 19 debating --
 - A. (Strickler) I mean, I'm here. My testimony is for both of these elements. And, my testimony is -- I'm here to answer questions about my financial -- or, my, you know, experience and our company's experience, and it's in my testimony.

Q. That's correct. But your testimony was -- is now essentially reduced to a contract that nobody has seen yet. And, that's the point I'm trying to make. And, I'll move on to other questions.

CHAIRMAN BURACK: Mr. Roth, how much more questioning do you think you have here? We're probably at a point where we need to be looking to take a lunch break soon.

MR. ROTH: Let's take a lunch break. I think I have -- I don't want to go, because I have a far amount more, and I don't want to do it while everybody is sitting here twitching, wanting to go to lunch. So, --

MR. RODIER: Mr. Chairman, may I ask -- CHAIRMAN BURACK: Mr. Rodier.

MR. RODIER: -- just so I can plan my day? What are your objectives for this afternoon, in terms of we've got Mr. Kusche waiting, but are we going to have -- do I understand you're going to, no matter what happens, you're going to get Ms. Laflamme on the stand?

CHAIRMAN BURACK: That is correct. It's my intention, when we have completed this panel, we're going take Ms. Laflamme out of turn. I made a commitment and had an understanding from Counsel for the Applicant that they have no objection, and understand that Counsel

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      for the Public has no objection, to having Ms. Laflamme
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      testify this afternoon.
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                         MR. RODIER: Thank you.
                         CHAIRMAN BURACK: So, when we're done
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      with this panel, we will take Ms. Laflamme. And, then, as
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      time permits we will turn to Mr. Kusche. Okay? So, let's
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      take a break until 1:45.
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                         (Whereupon the Day 3 Morning Session
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                         recessed for lunch at 12:45 p.m.
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                         Day 3 Afternoon Session to resume
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                         under separate cover so designated.)
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