1	STATE OF NEW HAMPSHIRE			
2		PUBLIC UTILITIES COMMISSION		
3				
4	July 19, 2021 - 9:02 a.m. 21 South Fruit Street			
5	Suite 10 Concord, NH			
6				
7	[Hearing also conducted via Webex]			
8	DE.	DE 19-057		
9		EVERSOURCE ENERGY:		
L 0		Notice of Intent to File Rate Schedules. (Hearing regarding the		
L1		second step adjustment)		
L 2	PRESENT:	Chairwoman Dianne H. Martin, Presiding		
L 3		Commissioner Daniel C. Goldner		
L 4		Doreen Borden, Clerk Susan Gagne, PUC Hybrid Hearing Host		
L 5	APPEARANCES:	Reptg. Public Service Company of New Hampshire d/b/a Eversource Energy:		
L 6		Matthew J. Fossum, Esq.		
L 7		Reptg. Residential Ratepayers:		
L 8		Donald M. Kreis, Esq., Consumer Adv. Office of Consumer Advocate		
L 9		Reptg. New Hampshire Dept. of Energy:		
20		Brian D. Buckley, Esq. (Regulatory Support Division)		
21				
22				
	Carrie D			
23	Court Rep	orter: Steven E. Patnaude, LCR No. 52		
2 4				

1		
2	INDEX	
3		PAGE NO.
4	WITNESS PANEL: LEE G. LAJOIE DAVID L. PLANTE	
5	JAMES J. DEVEREAUX ERICA L. MENARD	
6	JENNIFER A. ULLRAM	
7	Direct examination by Mr. Fossum	6
8	Cross-examination by Mr. Kreis	2 6
9	Cross-examination by Mr. Buckley	4 5
10	Interrogatories by Cmsr. Goldner	108
11	Interrogatories by Chairwoman Martin	123
12		
13	* * *	
14		
15	CLOSING ARGUMENTS BY:	
16	Mr. Kreis	144
17	Mr. Buckley	150
18	Mr. Fossum	154
19		
20		
21		
22		
23		
24		

1			
2		EXHIBITS	
3	EXHIBIT NO.	DESCRIPTION	PAGE NO.
4	62	Petition for Second Step Adjustment, including the	premarked
5		Testimony of Lee Lajoie,	
6		David L. Plante, and James J. Devereaux, with attachments,	
7		and the Testimony of Erica L. Menard and Jennifer A. Ullram, with attachments	,
8	63		
9	63	New Hampshire Department of Energy Final Audit Report	premarked
10	6 4	Supplemental Request Forms, consisting of 64 pages	premarked
11	65	RESERVED FOR RECORD REQUEST	143
12	63	(RE: Planning and Approval Process)	143
13	66	RESERVED FOR RECORD REQUEST	143
14	0 0	(RE: Alternatives on the Submarine Cable Project)	143
15	67	RESERVED FOR RECORD REQUEST	143
16	0 7	(RE: Emergency or unforeseen project approvals)	140
17	68	RESERVED FOR RECORD REQUEST	143
18	00	(RE: Whether there are any additional responses by the	140
19		Company to the Audit Report)	
20			
21			
22			
23			
24			

1 PROCEEDING

2.

3

4

5

6

7

8

9

10

11

12

1.3

14

15

16

17

18

19

20

2.1

2.2

23

2.4

CHAIRWOMAN MARTIN: Good morning,
everyone. We're here this morning in Docket DE
19-057, which is the Eversource petition for the
second step adjustment.

Let's take appearances from counsel, starting with Mr. Fossum.

MR. FOSSUM: Good morning, all.

Matthew Fossum, here for Public Service Company
of New Hampshire, doing business as Eversource
Energy.

CHAIRWOMAN MARTIN: Okay. Thank you. And Mr. Kreis.

MR. KREIS: Good morning, everybody. I am Donald Kreis, doing business as the Office of the Consumer Advocate, here on behalf of residential utility customers. And with me today is our legal intern, who will eventually become a lawyer, Kijana Plenderleith.

CHAIRWOMAN MARTIN: Excellent. Thank you. And Mr. Buckley.

MR. BUCKLEY: Good morning, Madam Chair and Commissioner Goldner. My name is Brian D. Buckley. And I am here representing the

1 Department of Energy's Regulatory Support 2. Division today. 3 CHAIRWOMAN MARTIN: Thank you. 4 welcome in your new capacity. It's our first 5 time seeing you. 6 Okay. I have Exhibits 62 through 64 7 prefiled and premarked for identification. that the full set of exhibits we'll see today? 8 9 MR. FOSSUM: Yes. There may be, 10 since this is a continuation of the rate case, 11 it's possible there may be a reference to a 12 prior one. But the only ones that I'm aware of 1.3 that anybody is going to present today are those 14 three. 15 CHAIRWOMAN MARTIN: Okay. And, Mr. 16 Buckley or Mr. Kreis, anything else? 17 MR. KREIS: Nothing from us. 18 MR. BUCKLEY: Nothing further from us 19 either. 20 CHAIRWOMAN MARTIN: Okay. I will 21 reiterate, if the Parties could file a 2.2 comprehensive exhibit list, it is helpful for me 23 to confirm that those are all of the exhibits, as 24 opposed to getting separate emails, and then I'm

```
1
         not entirely sure that that is the full set. So,
 2
         if you could do that going forward, it would be
 3
         much appreciated.
 4
                    Anything other preliminary matters
 5
         before we hear from the witnesses?
 6
                    [No verbal response.]
 7
                    CHAIRWOMAN MARTIN: Okay. Seeing none.
 8
         Mr. Patnaude, would you swear in the witnesses
 9
         please.
10
                    (Whereupon Lee G. Lajoie,
11
                    David L. Plante, James J. Devereaux,
                    Erica L. Menard, and Jennifer A. Ullram
12
1.3
                    were duly sworn by the Court Reporter.)
14
                    CHAIRWOMAN MARTIN: Okay. Thank you.
15
         Mr. Fossum, go ahead.
16
                    MR. FOSSUM: Thank you.
17
                      LEE G. LAJOIE, SWORN
18
                     DAVID L. PLANTE, SWORN
19
                   JAMES J. DEVEREAUX, SWORN
20
                     ERICA L. MENARD, SWORN
21
                   JENNIFER A. ULLRAM, SWORN
22
                       DIRECT EXAMINATION
23
    BY MR. FOSSUM:
24
         I'll start with Mr. Lajoie. Could you please
```

```
1
         state your name, your position, and your
 2
         responsibilities for the record?
 3
    Α
         (Lajoie) My name is Lee Lajoie. I am the Manager
 4
         of System Resiliency for Eversource New
 5
         Hampshire. And a large part of my duties involve
 6
         dealing with the capital budget for Eversource
 7
         New Hampshire. I also have two other groups
 8
         reporting to me, Reliability Reporting group and
         a group that runs our Distribution Automation
 9
10
         Program.
11
         And have you previously testified before this
    Q
12
         Commission?
13
         (Lajoie) Yes, I have.
14
         I'll just stay with you for the moment. Mr.
15
         Lajoie, did you back on May 3rd file joint
16
         testimony and attachments as part of the
17
         Company's submission in what has been marked for
         identification as "Exhibit 62"?
18
19
         (Lajoie) Yes, I did.
    Α
20
         And, for the portion for which you were
21
         responsible, was that testimony prepared by you
22
         or at your direction?
23
    Α
         (Lajoie) Yes, it was.
24
         Do you have any corrections or updates to that
```

```
1
         testimony this morning?
 2
         (Lajoie) No, I do not.
 3
         And do you adopt that testimony as your sworn
 4
         testimony for this proceeding?
 5
         (Lajoie) Yes, I do.
 6
         Thank you. Turning to Mr. Plante. Could you
 7
         please state your name, your position and
         responsibilities for the record? And it appears
 8
 9
         you're on mute, Mr. Plante.
10
         (Plante) Yes. Sorry about that. Yes. Good
11
         morning, everyone. My name is David Plante.
                                                        And
12
         I am the Manager of Project Management-New
13
         Construction for Eversource in New Hampshire.
14
         And, basically, my role is to run the Project
15
         Management group here in New Hampshire overseeing
16
         the project managers who actually manage the
17
         projects that we execute.
18
         And have you previously testified before this
    Q
19
         Commission?
20
         (Plante) I have.
21
         And, Mr. Plante, did you also back on May 3rd
    Q
22
         file joint testimony and attachments in what
23
         has been marked for identification as
24
         "Exhibit 62"?
```

1 (Plante) Yes. 2 And, for the portion for which you were 3 responsible, was that testimony prepared by you 4 or at your direction? 5 (Plante) Yes. 6 And do you have any corrections or updates to 7 that testimony this morning? 8 (Plante) I do not. 9 And do you adopt that testimony as your sworn Q 10 testimony for this proceeding? 11 (Plante) I do. Α 12 And, lastly, for the preliminaries, 13 Mr. Devereaux, could you please state your name, 14 your position and responsibilities for the 15 record? 16 (Devereaux) Yes. Jim Devereaux, Manager of 17 Budgets and Investment Planning. I'm responsible 18 for financial reporting, in-house analysis and 19 oversight of the capital programs and O&M for New 20 Hampshire operations. 21 And, Mr. Devereaux, have you previously testified Q 22 before this Commission? 23 Α (Devereaux) I have not. 24 In light of that, could you just very briefly

```
1
         state your experience and qualifications for the
 2.
         record?
 3
    Α
          (Devereaux) Sure. I graduated from St. Michael's
 4
         College and followed up -- with a Business
 5
         degree, and followed up with a Master's of
 6
         Business Administration from Bentley University.
 7
                    I've worked for the Company since 1985,
 8
         mostly in the gas business in Massachusetts.
         held the role of Director of Gas Service and
 9
10
         Supply for about ten years, moved on to
11
         Investment Planning, and have been in my current
         position since 2019.
12
1.3
         And, Mr. Devereaux, did you also back on May 3rd
14
         file joint testimony and attachments in what
         has been marked for identification as
15
          "Exhibit 62"?
16
17
          (Devereaux) Yes, I did.
18
         And was that testimony prepared by you or at your
19
         direction?
20
          (Devereaux) Yes, it was.
21
         And do you have any corrections to that
    Q
2.2
         information this morning?
23
    Α
          (Devereaux) I do not.
24
         And do you adopt that testimony as your sworn
```

```
1
         testimony for this proceeding?
 2
         (Devereaux) Yes, I do.
 3
         All right. Moving on, and turning to Ms. Menard.
 4
         Could you please state your name, your position
 5
         and responsibilities for the record?
 6
         (Menard) My name is Erica Menard. I am the
 7
         Manager of Revenue Requirements for New
 8
         Hampshire. And, in that capacity, I am
         responsible for revenue requirement calculations
 9
10
         for various rate and regulatory filings before
11
         this Commission.
12
         And have you previously testified before this
13
         Commission?
14
         (Menard) Yes, I have.
         And did you back on May 3rd file joint testimony
15
16
         and attachments with Ms. Ullram as part of the
17
         Company's submission, and which has been marked
         identification as "Exhibit 62"?
18
19
         (Menard) Yes.
    Α
20
         And was that testimony prepared by you or at your
21
         direction?
22
    Α
         (Menard) Yes, it was.
23
         And do you have any corrections or updates to
24
         that testimony this morning?
```

```
1
          (Menard) No, I do not.
 2
         And do you adopt that testimony as your sworn
 3
         testimony for this proceeding?
 4
         (Menard) Yes, I do.
 5
         And turning to Ms. Ullram. Could you please
 6
         state your name, your position and
 7
         responsibilities for the record?
 8
         (Ullram) Good morning. My name is Jennifer
 9
         Ullram. I am the Manager of Rates for
10
         Connecticut and New Hampshire. In my role, I'm
11
         responsible for rates, cost of service, and rate
         design for both Connecticut and New Hampshire.
12
13
         And have you previously testified before this
    Q
14
         Commission?
15
         (Ullram) Yes, I have.
    Α
16
         And did you also on --
17
                   CHAIRWOMAN MARTIN: Mr. Fossum?
18
                   MR. FOSSUM: Yes.
19
                   CHAIRWOMAN MARTIN: I apologize for
20
         interjecting. Mr. Lajoie is no longer on my
21
         screen. Can other folks see him?
22
                   WITNESS MENARD: He has an error with
23
         his computer and it is restarting.
24
                   CHAIRWOMAN MARTIN: Okay. Excellent.
```

```
1
         Mr. Fossum, I think we can proceed, until you
 2
         need to have questions of Mr. Lajoie.
 3
                    MR. FOSSUM: Hopefully, he'll be back
 4
         in just a moment or three.
 5
    BY MR. FOSSUM:
 6
         Where did we leave off? I believe I asked, but
 7
         just in case, did you file testimony and
 8
         attachments, along with Ms. Menard, back on May
         3rd, and included in what has been marked for
 9
10
         identification as "Exhibit 62"?
11
         (Ullram) Yes, I did.
    Α
         And was that testimony prepared by you or at your
12
13
         direction?
14
         (Ullram) Yes, it was.
15
         And do you have any corrections or updates to
         that information?
16
17
    Α
         (Ullram) No, I do not.
18
         And do you adopt that testimony as your sworn
    Q
19
         testimony for this proceeding?
20
         (Ullram) Yes.
    Α
21
                    MR. FOSSUM: Thank you. Now, with the
22
         preliminaries out of the way, I suppose, I have
23
         just a few questions, but I prefer to wait for
24
         Mr. Lajoie to rejoin before I continue.
```

```
1
         I'11 --
                    CHAIRWOMAN MARTIN: Okay. Why don't we
 2
         take a five-minute recess, until 9:20 or so, to
 3
 4
         give him the chance to rejoin.
 5
                    All right. Off the record.
 6
                    (Recess taken at 9:13 a.m. and the
 7
                    hearing resumed at 9:19 a.m.)
 8
                    CHAIRWOMAN MARTIN: Okay. Let's go
         back on the record. Mr. Fossum.
 9
10
                    MR. FOSSUM: Thank you. And I
11
         appreciate the few moments to make sure that the
12
         issues were resolved, and hopefully they won't
13
         repeat.
                    With that said, I just have a -- as I
14
15
         said, I don't have a lot of the questions, but a
16
         couple of things.
17
    BY MR. FOSSUM:
18
         Referring to the testimony of Messrs. Lajoie,
19
         Plante, and Devereaux, and in particular the
20
         material included in Attachment LGL/DLP/JJD-1,
21
         could you please explain what is included in that
2.2
         attachment and what that shows for the
23
         Commission?
24
         (Devereaux) Yes. That attachment includes
```

1 specific information on each of the projects that 2 are filed in this, in this proceeding. As 3 described in earlier, it has plant in service, 4 spending for that particular project, it 5 indicates whether a supplement was necessary for 6 that project, and it shows the lifetime costs of 7 the project versus the authorization. And is this information presented in a format 8 9 that had been discussed with the -- I guess what 10 is now DOE Staff? 11 (Devereaux) Yes. This was the same format that 12 was used in the filing of last year. And it's 13 split between specific projects that are new to 14 this filing, carryover projects that have had 15 costs already applied for recovery, and annual 16 projects, that are annual projects, you know, 17 each one is for a year, and the charges roll up 18 into that particular project on an annual basis. 19 Thank you for the general overview. I'd look to Q 20 Messrs. Plante or Lajoie as may be appropriate, 21 to just -- if you could very briefly please just 22 focus on one or two of the projects, and describe the detail that is provided there for the 23 24 Commission's review?

A (Lajoie) Okay. I will start. As one example, on Bates Page 025, Line 7, is a description of Project Number A16N01, which is a submarine cable project.

The project was initiated to replace two different submarine cables that went from the mainland out to islands in Lake Winnipesaukee, Welch Island and Lockes Island. In particular, the cable to Welch Island was a mile long cable approximately, crossing one of the deepest spots of Lake Winnipesaukee.

It's a bit of an unusual project for us, in that we don't install a lot of submarine cable. The cables that were physically there had been installed one of them in the '40s and one of them in the 1960s. The replacement of these cables had been on our radar, if you will, for a number of years, and had been kept getting deferred for a number of reasons.

Finally, in 2016, the project was initiated to start the work on replacing these. The initial request, which was approved, was authorized for \$360,000. As time went on, and -- And, Mr. Lajoie, just I'll interrupt you just for

a moment to say is to focus on what is included 1 2 in the attachment, that 360,000 you mentioned, 3 where does that show? (Lajoie) The "360,000" is in Column -- I'm sorry, 4 the font is really small, "360,000" is in Column 5 6 I, which is the "Pre-Construction Authorization". 7 So, as we progressed with the project, 8 there were a significant number of permits 9 required. There was Department of Environmental 10 Services' Wetlands Permit, Shorelands Permits, water crossings, and so forth. 11 12 Excuse me. As the project progressed, 13 and we went out for bids for the actual 14 installation of the project, it became very clear 15 that the initial authorization, the 16 pre-construction authorization of 360,000, was 17 not going to be enough to cover the replacement 18 of these cables. So, a supplemental request was 19 submitted. This was based on actual bids that 20 have been received. We got the bids the first 21 time around, looked at the numbers, thought they 22 were really high. So, we actually went out for a 23 second round of bids just to be sure -- to be 24 sure that we were getting the best price

possible. 1 2. And I'm getting a note that this may be 3 Bates 026. 4 CHAIRWOMAN MARTIN: I believe it's red 5 Bates Page 026. 6 WITNESS LAJOIE: Okay. 7 CHAIRWOMAN MARTIN: I think we have 8 multi-colors again for this one, and it's located in a different corner, because of the -- I'm 9 10 having to turn the page. Can you confirm that? It is the red Bates Page 026, Line 7? 11 12 WITNESS LAJOIE: Yes. That's correct. 1.3 CHAIRWOMAN MARTIN: Okay. Thank you. 14 WITNESS LAJOIE: Sorry about that. CONTINUED BY THE WITNESS: 15 16 (Lajoie) So, anyways, we had gone out for bids 17 twice around, two separate times, gotten bids 18 from a number of contractors. The low-price 19 bidder was the one that was selected for the 20 installation. So, the supplemental request was 21 submitted. And the various columns on this spreadsheet, the "Supplemental Authorization" for 22 23 "1.917 million", as shown in Column J. The 24 actual project cost of 1.883 -- well, 1.884 with

1 a little bit of rounding, is shown in Column M. 2. So, the project did come in at less than the 3 supplemental authorized amount. 4 I do want to point out that the 5 supplemental was submitting prior to construction 6 starting. There had been some expenditures at 7 that point for the permitting and so forth. But, 8 before we proceeded with construction, we wanted 9 to make sure we had everything in place so we 10 knew the project could proceed. So, that's where 11 those charges came in. Again, less than that 12 original 360 authorized amount, but they are 13 rolled into the nearly \$1.6 million for the 14 installation -- excuse me -- the 1.883 million 15 for the actual final cost. 16 Thank you for walking through that detail. 17 Mr. Plante, just is there another --18 could you provide another example, and we'll keep 19 it brief, of the detail that's provided for 20 review in this attachment? 21 CHAIRWOMAN MARTIN: Mr. Lajoie, could 22 you please mute in between? Thank you. 23 BY THE WITNESS: 24 (Plante) All right. Certainly. Thank you. And

I'll talk a little bit about the Pemigewasset

Transformer Replacement Project at the

Pemigewasset Substation, which is shown on Bates

026, Line 19. This project was an upgrade to

replace — to an existing substation, which had

an overloaded transformer. So, we're actually,

basically, replacing the existing transformer

with a newer, larger transformer.

And, based on the outside engineers we had retained solely for purposes of developing project estimates, the initial estimate was made for this project in 2017, which led to the February 2018 full funding authorization of 4.1 million.

Initially, the engineering assumptions for the project indicated that the existing control house would have -- would be large enough to accommodate the new protection and control equipment that was required. However, as the project engineering developed, that turned out not to be the case, as noted in the far right, Column U, we have a little bit of an explanation of the major driver for the cost change. And there was a need to make modifications that led

to some additional costs as shown in the Supplement columns.

2.

1.3

2.2

The matter was further complicated by issues discovered during the testing period that required additional design work and subsequent construction modification. While the contract with the design firm put some of those costs on them, there were other costs that needed to be addressed, and led to the final amount shown in Column K.

While we do work to control costs and anticipate issues, because some of the issues were not discovered until the testing phase, those were costs that we did not anticipate.

And, as discussed in previous testimony, our revised authorization process would have progressed the engineering and contracting such that the major assumptions are validated and quantified prior to authorizing full funding.

And had this been the case, additional funding may still have been required, however at a much lesser incremental value.

And, you know, this is one of those few remaining projects that we kind of consider is a

```
1
         legacy of our previous authorization process,
 2
         where we had authorized it for full funding
 3
         before we really had launched into the
         engineering. But we don't do it that way any
 4
 5
         longer.
 6
    BY MR. FOSSUM:
 7
         Thank you both for the detail. And I'll ask, and
 8
         I'll ask that each one of you, that's Mr.
         Lajoie -- Mr. Lajoie, Mr. Plante, and then Mr.
 9
10
         Devereaux, in that order, that each of you answer
11
         the same question.
12
                    And is it your position, and the
         Company's position, that each of the identified
13
14
         projects included in these attachments were
15
         prudent and the costs for those projects are
16
         reasonable?
17
    Α
          (Lajoie) Yes, it is.
18
          (Plante) Yes, it is.
19
          (Devereaux) Yes, it is.
    Α
20
                      Turning to Ms. Menard and Ms. Ullram.
         Thank you.
21
         Did you review the various projects identified in
22
         the testimony and attachments of Messrs. Lajoie,
23
         Plante, and Devereaux?
          (Menard) Yes.
24
    Α
```

```
1
          (Ullram) Yes.
 2
         And what did you do with that information
 3
         relative to this filing?
 4
         (Menard) So, for our section, we took the
 5
         projects that were identified as going into
 6
         service, and we worked with the cost of those
 7
         projects, the plant additions, retirements, you
 8
         know, all of the relevant information associated
 9
         with those projects, and calculated the revenue
10
         requirement to support those costs. That was
11
         consistent with the Settlement Agreement, in
12
         Section 10, there was a template that was
13
         identified as to how step adjustments would be
14
         presented. So, we took that information,
15
         calculated the final revenue requirement that
16
         will be used to adjust distribution rates.
17
    Α
         (Ullram) And then, what I did was, once Ms.
18
         Menard provided the revenue requirements, I
19
         applied the revenue allocation methodology that
20
         was approved in the Settlement Agreement, to
21
         calculate the proposed rates that are shown on,
22
         in red, on Bates Pages 052 and 053.
23
                   And, you know, I described in my
24
         testimony, on Bates Pages 039 and 040, that,
```

1 because this first -- because we had last year's 2 step increase was recovered over a seven-month 3 period, as opposed to the twelve-month period, 4 the impact last year for the step increase was 5 higher. So, when calculating the incremental 6 step for this step increase, the Step 2 increase, 7 the revenue requirements to be recovered through 8 rates for the second step adjustment is lower 9 than the revenue requirement actually being 10 requested that's shown in Ms. Menard's testimony. 11 Thank you both. And understanding that, could Q 12 you please briefly explain the impact on rates as 13 a result of this step? And where is that shown 14 in the filing? 15 (Ullram) So, the impact to rates is shown in Α 16 Exhibit 62, red Bates Page, let me just confirm, 17 starting on Page 74, we provide the impacts to 18 various rate classes. It starts on Page 74, and 19 goes through Page, pardon me, 95 -- 96. 20 And, for a typical, you know, a 600 21 kilowatt-hour Rate R residential customer, they 22 will see an overall increase for this step 23 adjustment of 38 cents per month. You know, in 24 our exhibit, on Bates Page 074, we show the

```
1
         impact of the RRA and the distribution rate
 2
         change together, which was an impact of 27, but
 3
         just -- 27 cents per month, but, just isolating
 4
         the step adjustment, it's a 38 cent per month
 5
         increase.
 6
    Q
         Thank you. Yes, I'm unmuted. And last, for both
 7
         of you, is it your position and the Company's
 8
         position that the rates, as calculated and
         presented in Exhibit 62, are just and reasonable
 9
10
         and in the public interest?
11
         (Ullram) Yes.
    Α
12
         (Menard) Yes.
1.3
                   MR. FOSSUM: Thank you. That's what I
14
         had for the direct.
15
                    CHAIRWOMAN MARTIN: Okay. Thank you,
16
         Mr. Fossum. Mr. Kreis.
17
                    MR. KREIS: Thank you, Chairwoman
18
         Martin.
19
                    I think that the bulk of my questions
20
         are going to be for Mr. Lajoie, but he is totally
21
         welcome to punt any question over to any of his
22
         colleagues if he wants.
23
                    And I'm hoping, now that he's a dead
24
         ringer for Ernest Hemingway, that maybe he can
```

throw in a few literary allusions as well.

CROSS-EXAMINATION

BY MR. KREIS:

1.3

Q Looking at Exhibit 62, which is the Company's filing, and doing my best to stick to the red Bates page numbers in that exhibit, let me start with a general question.

So, the prefiled testimony, in Exhibit 62, the part that's written by Messrs. Lajoie,
Plante, and Devereaux, talks about the Company's budget process. And I'm wondering if Mr. Lajoie, or perhaps one of the other witnesses, could help me understand the relationship between the
Company's annual budgeting process and the least cost integrated planning process that the Company has to go through in order to meet the requirements of the Least Cost Integrated
Resource Planning statute?

A (Lajoie) The annual program capital budgeting process involves proposal of projects to be completed statewide, the justification of those projects on a preliminary basis, prioritizing those projects, and looking at how much capital is available to complete the projects. Each of

2.

1.3

those projects has to include alternatives, which could include non-wires alternatives; they could include non-traditional utility solutions; or they could be the more traditional poles and wires solutions.

So, in the justification for those projects, those items are considered, which would, you know, kind of lend toward the LCIRP process, completing the requirements of the LCIRP process.

Does that kind of answer the question?

Q Yes. But here's a follow-up. Is there any requirement in that budget authorization process that a particular request tie back to the Company's most recent Least Cost Integrated Resource Plan?

- A (Lajoie) I don't believe there is any particular requirement that an individual project tie back to the LCIRP, no.
- On Bates Page 014, at Line 5 and 6, you testify that "project authorization may be granted throughout the year as circumstances warrant."

 I'm wondering how that isn't a potential end-run around both the annual budgeting process and the

```
1
         least cost integrated resource planning process,
 2
         given that it basically says, if I'm reading that
 3
         correctly, that, really, the Company can
 4
         authorize any project at any point throughout the
 5
         year, if circumstances warrant?
 6
         (Lajoie) Well, as just an example of what that
 7
         refers to, a few months ago, in Berlin, New
 8
         Hampshire, one of the substation transformers had
 9
         an internal fault. So, we opened up the
10
         transformer, did a whole lot of testing and so
         forth, and determined that the transformer needed
11
12
         to be replaced. This was nothing that was on our
13
         capital budget plan. We assumed that the
14
         transformer would continue to function. But, in
15
         order to maintain service within the greater
16
         North Country, really, because this transformer
17
         actually ties to lines that feed over into
18
         Colebrook, and down into Lost Nation, and
19
         Whitefield/Lancaster. So, it's that greater
20
         area. In order to maintain the reliability of
21
         service to those customers, we made the decision
22
         that we needed to replace that transformer.
                                                       That
23
         work is actually in progress now.
24
                   So, authorization for this, Dave
```

2.

Plante's work is -- group is actually working on putting together the full engineering costs and so forth of what it's going to take to replace that transformer. But that's one that's being approved now for completion this year.

So, it's not really that we're doing an end-run around the LCIRP or any associated requirements, it's the condition changed, in that the transformer failed. And the only reasonable solution to maintaining reliability to the area is to replace the transformer. So, we'll be taking a unit that was actually removed from service somewhere else, because it was too small, relocating it to Berlin, and putting it in service in that substation.

Q Thank you. That example was super helpful, at least in helping me understand how all this works.

So, in that instance, it sounded like, and you can tell me if I heard you or understood you correctly, it sounded like that was, essentially, an unanticipated set of circumstances that required the Company, for reliability reasons, to act in the middle of

```
1
         what -- in the middle of a budget year,
 2
         essentially. Do I have that right?
         (Lajoie) Yes. That's correct. Yes.
 3
    Α
 4
         So, is there a requirement -- if I were the
 5
         person in Eversource who is tasked with seeking
 6
         approval for a project like that, outside of the
 7
         regular budget process, would there be any
 8
         requirement for me to demonstrate that the
         project that I'm seeking approval for is the
 9
10
         result of unanticipated circumstances?
11
         (Lajoie) Yes. That is definitely part of the
12
         justification form that is put together for the
13
         project, the Project Authorization Form. Before
14
         that form even gets submitted, though, we have --
15
         I have participated in a number of meetings,
16
         along with Dave Plante's group, and others, to
17
         discuss "Hey, what alternatives do with have?"
18
         And, you know, "Do we really need to do this?"
19
         And the planning people get involved and so
20
         forth. So, there's a lot of discussions that
21
         happen internally, and then all of that gets
22
         rolled into this Project Authorization Form
23
         that's going to be submitted shortly, to, again,
24
         authorize the investment in replacing that
```

1 transformer in Berlin. 2 Super. Looking now at Bates Page 016, again, I'm 3 trying to stick to the red Bates numbers, just 4 want to make sure I have the right one. Yes, I 5 do. On that page, there is a discussion that's labeled "Cost Control Procedures". And the 6 7 question is "Once the construction budget is 8 finalized, does the Company have measures in 9 place to control costs as the projects are 10 designed and completed?" 11 And the beginning of the answer to that question says "The Company's PAP" -- first of 12 all, can you remind of what "PAP", "PAP", stands 13 14 for? (Lajoie) "Project Authorization Process". 15 Α 16 Super. Okay. So, what you said was "The 17 Company's Project Authorization Process has been 18 established to allow for incremental project 19 funding authorizations based upon the 20 developmental stage of the project which controls 21 the amount of capital that can be expended on a 22 project until the project is fully defined and 23 most cost components have sufficient detail to 24 secure quality estimates."

This is probably a testament to my poor reading comprehension abilities. But I have trouble understanding that sentence. And I'm wondering if you could maybe explain it in more detail or paraphrase it or render it in more plain English?

Again, I apologize, because it's really probably my fault for not quite getting what you were trying to say.

(Lajoie) No. Happy to walk through this. The process works -- well, an individual project, and actually this ties back to Dave Plante's testimony a few minutes ago about the Pemigewasset Substation, the way the process works now, and has for the past couple of -- past few years, is a project gets proposed, and it is granted preliminary funding. And that preliminary funding is to start work on the detailed engineering to be able to come up with a firm estimate of what the total project cost will be.

And, actually, Dave, if you wouldn't mind just jumping in here, since you're more closely involved with that whole side of it, if

that's okay, please.

A (Plante) Sure. Yes, I'm happy to. You know, Lee doesn't necessarily get as involved with the substation funding processes as I do. He runs the other side of the funding processes for distribution line projects.

And, as far as substation projects go, and this is kind of what we're targeting here, it applies to all of our authorizations, but more specifically for substation projects as well.

And the way I'll address it is we now have a multistage funding authorization process that is independent of what the, say, trustee budget is for a project in any given year. It's specific to each of the projects that we're developing.

We first seek an initial funding authorization from the Eversource Project Authorization

Committee, "EPAC" is the acronym that we use.

And that funding, usually a fairly low value, is used to begin developing the concept for the project and the solution.

We'll hire a vendor sometimes to help us develop the project scope, and then we would use that. Sometimes we'll do that internally as

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

We will then use that knowledge to develop a higher level estimate to then seek partial funding for the project, which would be another discrete authorization event through the EPAC process. We would develop another Project Authorization Form seeking partial funding to complete the detailed engineering, initiate any procurement events that might be valuable in determining specific materials costs. We may advance any necessary project permitting, site plan approvals through the local municipalities, for instance, through this partial process. And that would get us to the point where we have eliminated, probably not all, but many of the major unknowns for the project, from a cost perspective and from a scope perspective.

We would then develop what we would call a "full funding estimate" and a "Full Funding Authorization Form", which we would then present to the EPAC to receive authorization to complete the project.

So, that's kind of the incremental project funding authorization process that we use now. And that process is, you know, is kind of

an evolution of what was our previous process, where we had, in many cases, sought full funding before we really gotten very far along with the engineering.

And, then, lastly, once, you know, if we do get to the point where we are well along in construction, and something transpires, and looks like we need more funds than we have authorized, we would then present a Supplemental Funding Request. And that's kind of the last type of funding that is described through the EPAC process.

Does that help?

Q That helped me. Hopefully, it helped others.

Thank you.

CHAIRWOMAN MARTIN: Mr. Kreis?

MR. KREIS: Yes.

CHAIRWOMAN MARTIN: I apologize for interjecting. I think it would be helpful to the Commission if we could have the Company submit as a record request a description of that process, including a flow chart, or something along those lines, to clearly identify the process that was just described.

2.

1.3

2.2

And, Mr. Fossum, any questions on that?

MR. FOSSUM: No. I believe that we've

presented essentially a narrative like that, and

I believe a flow chart along with it, as part of

our LCIRP filing. And, so, I believe that's

there. But that's, obviously, not in front of

you right now.

So, as I'm understanding your question, you'd like to have that presented in this proceeding. I suppose I'm looking, either we can create one for this proceeding or -- as part of a record request, or perhaps the response to the record request would be to identify the specific portions of that LCIRP filing that have that information.

CHAIRWOMAN MARTIN: That would be a fine approach as well, whichever is less cumbersome for the Company. But my understanding is that this is sort of the "regular process", as opposed to the "LCIRP process". So, to the extent there are two processes, if you can submit the regular process here. If it's the same or parts of it are the same, and you can just identify that for us in the record request and

```
1
         point us to the other docket, we can certainly
 2.
         take notice of that.
                   MR. FOSSUM: Yes. I believe it's the
 3
 4
         same there, but we will confirm that, and sort of
 5
         present the questions -- we'll take the question
 6
         as in the alternative, either provide it or --
 7
         create it, provide it, or provide what exists in
 8
         the other docket, but we will do that.
                   CHAIRWOMAN MARTIN: Excellent.
 9
10
         you.
11
                   WITNESS LAJOIE: Mr. Kreis, if I could
12
         just -- Mr. Kreis, if I could just supplement
         what Mr. Plante had said earlier.
1.3
14
                   MR. KREIS: Absolutely. But, before
15
         you do that, let me just say, to the extent it's
16
         germane, as the Company responds to the
17
         Chairwoman's record request, I really like the
18
         idea of tying things here into the LCIRP process.
19
         So, I would encourage the Company to follow those
         second of the two approaches that Mr. Fossum laid
20
21
         out.
2.2
    BY MR. KREIS:
23
         Sorry, Mr. Lajoie, to cut you off. I'd be happy
24
         to hear whatever else you wanted to add.
```

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

(Lajoie) No, it was just kind of a supplement to what Mr. Plante was talking about. The magnitude of the substation projects is such that there are multiple steps involved in this incremental project funding. The smaller projects, the distribution line projects, which I'm more intimately involved in the authorization for, generally, it's more of a two-step process. There's an initial funding request, to make sure that we've identified all the variables and, you know, gotten good estimates and so forth, and then the final funding request. So, it's really like a two-step process. The initial funding request is, you know, generally, well, it's generally less than ten percent of the project costs, just to make sure that everything's been identified so we don't get any surprises late in the process.

Q Okay. Moving on to Bates Page 019, again with reference to Exhibit 62, at that page, beginning on Line 7, the witnesses talk about "annual blanket projects". And they describe such projects as "projects that are high-volume and low dollar in nature", and they also note that

1		"[annual blanket] projects are funded at a
2		consistent level from year to year and utilize
3		the same project names each year." That seems
4		perfectly lucid to me. And there is, at Lines 12
5		and 13, a sentence that gives some examples of
6		annual blanket projects, and the list is "new
7		services, capital tools, obsolescence and asset
8		renewal, line relocations, and service work."
9		And there's a few of those examples I
10		don't understand. Again, it might just be my bad
11		reading comprehension or lack of expertise. In
12		that context, what do the witnesses mean by "new
13		services"?
14	А	(Lajoie) These are new service connections,
15		connections to new customers to provide electric
16		service.
17	Q	So, "new service connections". That's exactly
18		the kind of reading comprehension that I'm sorry
19		I don't have.
20		And then, the next example you give are
21		"capital tools". What are "capital tools"?
22	A	(Lajoie) Tools with an individual cost greater
23		than \$500 each are capitalized. So, an example
24		might be well, I guess I'm having a hard time

coming up with an example, I apologize. Oh, I know one. A number of years ago -- a number of years ago we bought insulated chainsaws. So, it's like a hydraulic chainsaw on the end of an insulated stick, so our linemen could, you know, plug into the hydraulic system of the truck, and cut branches that are in contact with the line without being in danger of becoming a path for the electricity. And those units cost, I believe at the time, they were about \$1,500 a piece. So, we purchased a number of those.

That would be considered a "capital tool", since each one of them is valued at over \$500.

Q Thank you. Hopefully, Chairwoman Martin isn't about to leap in and make a record request to ask you to provide one of those, so that the Commissioners can look at them. But I totally misunderstood "capital tools". I thought, like when I saw that phrase, I thought "Oh, they're talking about like weird software they use to do capital planning." But you're talking about "tools that are capitalized."

And the very last example you give is

"service work". What do you mean by "service 1 2 work" in the context of annual blanket projects? 3 Α (Lajoie) The "new services", "new service 4 connections" that we talked about first, involves 5 both high voltage and low voltage. If we have to 6 extend high-voltage lines to a transformer, and 7 then, you know, a service from the transformer to the house. The service work at the end is 8 9 exclusively low-voltage installations, from the 10 transformer to the house. So, if we need to go out, if there's an existing transformer, and all 11 12 we have to do is run a service to the house, that 13 would go under the "service work - annual". 14 If a service has deteriorated, because 15 a tree has been rubbing on it, and therefore 16 needs to be replaced, it would be replaced under 17 this "service work - annual". This is just 18 low-voltage type stuff. It tends to be 19 smaller -- it definitely is smaller dollar value 20 per job than the "new service connections", which 21 we talked about earlier. 22 Q Okay. I think this is my last question. I'm

Okay. I think this is my last question. I'm looking now at Bates Page 047. And this is probably a question for one of the rates and rate

23

24

1 design witnesses, either Ms. Ullram or Ms. 2 Menard. And this now reflects my lack of acumen 3 when it comes to looking at numbers. 4 On that page, which is Page 1 of 5 Attachment ELM/JAU-2, the very last column is 6 "Percent", the last two columns are labeled 7 "Proposed Annual Change", and the percent varies by rate class. From a low of "0.1", for Rate GV 8 and LG customers, all the way up to "0.4", for 9 10 Outdoor Lighting customers. And, again, I'm sure 11 there are really good answers buried in some of 12 the other spreadsheets that you provided. 13 But, just in general, can you explain 14 why those percentages differ, given that I 15 thought the step increase basically applied to 16 all the rate classes equally? 17 Α (Ullram) Sure. I'll take a shot at it. So, 18 that -- we're combining all the rate classes in 19 that, you know, Exhibit 62, Bates red Page 047 20 that you referred to. So, you're going to get 21 slightly a little bit different of percentages 22 between the two of them. 23 The more appropriate place to probably 24 go to show how the rate design is done in

accordance with the Settlement, meaning we have allocated to each of the rate classes an equal percentage, is Bates red Page 052. And, on that page, you'll see that Line 23 three shows the "Step 2 Average Percentage Change" is "0.86". And, so, in Column C to that spreadsheet, you'll see that, by multiplying Column B times Line 23, which is the 0.86 percent increase, you get a Step 2 distribution change based on the current distribution revenue. And, so, if you look at the last column, which is Column H, you'll see that everyone is right around that 0.86 percent.

You're not going to ever get exact, because, when you do rate design, you know, we're trying to hit a distribution target, total distribution target of \$416.6 million. And we're never going to exactly get that, because we set the rates at five decimal places, and then, once you multiply everything out, so, you know, we're off about \$10,000. So that kind of makes up for some of the differences in the percentages. You know, some are like "0.86", "0.87". But, overall, you can see that that's how we allocated equally among each of the rate classes.

1 Super. That's a really MR. KREIS: 2 helpful answer. And I think those are all my 3 questions. 4 I just want to brag that this is the 5 first time I've done cross-examination without 6 printing out a copy of the exhibit that I'm 7 relying on. And, other than needing to rotate my head 90 degrees for a minute or two during the 8 discussion that we just had, I pulled it off. 9 So, I would just like to congratulate myself. 10 Thank you. Those are all the questions 11 I have for this group of distinguished witnesses. 12 1.3 CHAIRWOMAN MARTIN: Congratulations, 14 Mr. Kreis. I had that exact experience about a 15 year ago. I was forced to go away from paper as 16 well. 17 All right. Mr. Buckley, go ahead. 18 MR. BUCKLEY: Thank you, Madam Chair. 19 And good morning, panelists. 20 I'm going to start my cross-examination 21 today by introducing Exhibits 63 and 64. Staff 2.2 submitted the two prefiled exhibits for this 23 hearing are those two prefiled exhibits for this 24 hearing. And I'm going to ask the panel to

```
1
         provide some foundation for those, so that they
 2
         may be accepted into the record as full exhibits.
 3
    BY MR. BUCKLEY:
 4
         And the first question, as with all my questions
 5
         today, will go to whoever on the panel feels most
 6
         able to answer. But I believe the most likely
 7
         recipient of this question is Ms. Menard.
 8
                    So, do you recognize Exhibit 63,
 9
         containing Bates Page 001 through 036, which is
10
         an audit by the Commission Audit Staff, now the
11
         DOE Audit Staff, of the Company's 2020 step,
12
         which covered plant-in-service during 2019?
13
         (Menard) Yes.
    Α
14
         And did you, or someone in your organization,
15
         participate in this audit, providing data
16
         responses to the Audit Staff, as well as
17
         reviewing the preliminary audit recommendations?
18
         (Menard) Yes.
    Α
19
         And is it correct that, at the hearing for the
20
         Company's last step adjustment, the Company had
21
         suggested that the results of the audit may be
22
         reconciled during the next step adjustment, the
23
         one that we are currently considering today?
24
    Α
          (Menard) Yes. As you'll note, the date was
```

```
1
         February 1st that the Final Audit Report was
 2
         issued. And, so, the intent was, between the
 3
         time the Final Audit Report was issued and the
 4
         time the next step was being filed, that we would
 5
         have some discussions, and any Staff
 6
         recommendations or findings would then be
 7
         incorporated into the next step, this second step
 8
         adjustment.
         Thank you. And do you recognize Exhibit 64,
 9
    Q
10
         which contains Bates Page 001 through 064?
11
         (Menard) Yes.
         And these were data responses submitted by you or
12
13
         others in your company in response to requests
14
         issued by the DOE's Regulatory Support Division,
         is that correct?
15
16
         (Menard) Yes, I believe so. They don't have data
17
         request numbers on them, but I believe they are
18
         part of data responses.
19
         Right. I should probably rephrase. Those were
    Q
20
         largely documentation relating to various
21
         projects, which are derived from data responses.
22
    Α
         (Menard) Okay.
23
         So, they might not have the actual response
24
         themselves.
```

```
1
          (Menard) Okay.
 2
         And, now I'm going to turn to the substance of
 3
         Exhibit 64. The responses are largely grouped by
 4
         four topical areas, and I'm just going to ask you
 5
         about your familiarity with those topical areas
 6
         individually. Do you recognize Exhibit 64, Bates
 7
         001 through 007, which consists of a Supplemental
 8
         Request for the Welch Island Submarine Cable
 9
         Project?
10
         (Lajoie) Yes, I do.
11
         Thank you. And this form was completed by you or
12
         someone in your Company, and provided in response
13
         to Staff Discovery Set 19, is that correct?
14
    Α
         (Lajoie) This form was definitely completed by
         someone within our Company. And I would have to
15
16
         allow that it most likely was submitted in
17
         response to a data request, yes.
18
         Great. And do you recognize Exhibit 64, Bates
    Q
19
         Pages 008 through 053, which consists of Project
20
         Authorization Forms and Supplemental Request
21
         Forms for the Pemi Substation Equipment
22
         Replacement Project that we heard described
23
         earlier?
         (Plante) Yes.
24
    Α
```

```
1
         And these forms were completed by you or someone
 2
         in your Company, and provided in response to
 3
         Staff Discovery Request Set 19, is that correct?
 4
          (Plante) I'm sorry. Could you --
 5
          (Devereaux) That is correct.
 6
                    [Court reporter interruption due to
 7
                    audio issues.]
    BY THE WITNESS:
 8
 9
          (Plante) Well, I was asking for a clarification
10
         of the question, because it didn't come through
11
         clearly for me.
12
    BY MR. BUCKLEY:
1.3
         Certainly. Do you recognize Exhibit 64, Bates
14
         008 through 053, which consists of Project
15
         Authorization Forms and Supplemental Request
16
         Forms for the Pemigewasset Substation Equipment
17
         Replacement Project?
18
         (Plante) Yes.
    Α
19
         And these forms were completed by you, or someone
20
         in your Company, and provided in response to
21
         Staff discovery requests in this proceeding, is
22
         that correct?
23
    Α
          (Plante) Yes. That's correct.
24
         And do you recognize Exhibit 64, Bates Page 055
```

```
1
         through 056, which describes an engineering issue
 2
         that occurred during the Pemigewasset Project and
 3
         how that issue was resolved?
 4
         (Plante) Yes.
 5
         And this data response was completed by you, or
 6
         someone at your Company, and provided in response
 7
         to I believe a technical session data request, is
 8
         that correct?
 9
    Α
         (Plante) Yes.
10
         And do you recognize Exhibit 64, Bates Page 057
11
         through 064, which contains a Supplemental
12
         Request Form and a spreadsheet excerpt relating
13
         to the Company's Insurance Claims/Keep Costs
14
         Program?
15
         (Devereaux) Yes.
    Α
16
         And these are responses --
17
                   CHAIRWOMAN MARTIN: Just a minute, Mr.
18
         Buckley. I just want to make sure that we got
19
         for the record, I believe Ms. Menard and
20
         Mr. Devereaux responded. Is that correct?
21
                   Mr. Patnaude, did you get that?
22
                   MR. PATNAUDE: I only heard Mr.
23
         Devereaux. I'm sorry. Thank you.
24
                   CHAIRWOMAN MARTIN: Ms. Menard, would
```

```
1
         you repeat your response?
    BY THE WITNESS:
 2.
 3
          (Menard) Yes.
 4
    BY MR. BUCKLEY:
 5
         Great. And these forms were completed by you or
 6
         someone in your Company, and provided in response
 7
         to data requests from the Regulatory Support
 8
         Division of the DOE, is that correct?
 9
         (Devereaux) Yes.
10
                    MR. BUCKLEY: Given the foundation the
11
         Company has just provided, Staff moves to admit
         Exhibit 63 and 64 as full exhibits to this
12
13
         proceeding.
14
                    CHAIRWOMAN MARTIN: Any objection?
15
                    MR. FOSSUM: No, I suppose not. No.
16
                    CHAIRWOMAN MARTIN: Mr. Kreis?
17
                    MR. KREIS: No problem.
18
                    CHAIRWOMAN MARTIN: Okay. Then, we
         will strike ID on Exhibits 63 and 64 and admit
19
20
         those as full exhibits.
21
                    Go ahead.
22
                    MR. BUCKLEY: Thank you, Madam Chair.
23
    BY MR. BUCKLEY:
24
         Now, at a high level, would it be accurate to say
```

```
1
         that we are here today to discuss a step increase
 2
         associated with plant-in-service in 2020,
 3
         consistent with the Settlement Agreement approved
 4
         by the Commission in the Company's rate case?
 5
         (Lajoie) Yes.
                        That is correct.
 6
         And that step represents an increase in the
 7
         Company's revenue requirement of approximately
         $11.1 million, a number that can be found at
 8
         Exhibit 62, Bates 040, Line 15, is that correct?
 9
10
         (Menard) I believe that it's red Bates 041 on
11
         Exhibit 62. Yes, Line 15, $11.1 million.
12
         (Ullram) And I would just like to note that I
13
         brought this up earlier, but just to note again,
14
         that the actual incremental increase from last
15
         year, although the revenue requirements is
16
         approximately 11.1, the actual incremental
17
         increase over last year's revenue requirements is
18
         only around 3.6 million, because we had the
19
         higher revenue requirements last year, due to the
20
         fact that we were recovering the revenue
21
         requirements over seven months, as opposed to
22
         twelve months. So, incrementally, the increase
23
         is the 3.6 million that's identified on Bates red
24
         Page 052.
```

```
1
                    CHAIRWOMAN MARTIN: Mr. Buckley, I'll
 2
         just ask you, when you reference a Bates page, if
 3
         you can just give us the color as well for the
 4
         record.
 5
                   MR. BUCKLEY: Certainly. Certainly.
 6
    BY MR. BUCKLEY:
 7
         And, so, the increase we're looking at today is
         quite a bit below the $18 million cap described
 8
         in the Settlement in the Company's full rate
 9
10
         case, which is actually Exhibit 58 in this
11
         proceeding, I believe, and described at Bates
12
         Page 020. Is that correct?
13
         (Menard) I'm sorry. What was the exhibit?
    Α
14
         don't have that available. I need to look it up.
15
         Okay. So, the exhibit itself is probably less
    0
16
         helpful for our discussion, although I think it
17
         is Exhibit 58. But, if you have background
18
         knowledge of the previous Settlement Agreement,
19
         there was agreement to, I think, an $18 million
20
         cap for this step adjustment revenue requirement
21
         increase, is that correct?
22
    Α
         (Menard) Yes. That is correct. And, on red
23
         Bates 041, Line 14, that's where we refer back to
24
         the cap per the Settlement Agreement of 18
```

1 million. Correct. 2 Great. And the revenue requirement requested 3 here today is derived from approximately 124 4 million in plant that went into service in 2020, 5 a number which can be found at Bates 024, Line 4, 6 in Exhibit 62. Is that correct? 7 Α (Menard) Correct. 8 And, as an aside, I know that the testimony touches on this briefly, but can you provide a 9 10 little more detail for the discrepancy between 11 the \$18 million figure contained in the 12 October 2020 Settlement and the actual year in 13 plant-in-service in December 2020 being 14 significantly less? Can you provide the 15 reasoning for that, the basis? 16 (Menard) Yes. The Settlement Agreement had used 17 a forecast of the next three years at the time, 18 based on our capital planning process, as to what 19 would go into service in 2019, 2020, and 2021. 20 And, at that time, we make projections as to 21 which substations are going to go into service, 22 which projects, how much is going to go into service for each line project, for each annual, 23 24 all that kind of project-level detail. And that

is a forecast that we submitted. And, so, we based the second step and the revenue requirement on that assumption.

In actuality, there were a handful of large substation projects that didn't go into service in 2020, which is causing the difference, the lower revenue requirement in 2020 than we had anticipated at the time of the Settlement.

And just to identify some specifics, we had had the Emerald Street Substation, which is a large substation, that did not go into service in 2020 as planned. It went into service in 2021, or is anticipated in 2021. There was an Eddy Substation Control House, again, that didn't go into service in 2020, and went into 2021. And there's a few of these larger substation projects that their in-service dates got delayed. So, that's the major cause of the variance.

And, so, would it be accurate to say that we will likely see a lot of those projects that had previously been projected to be requested for recovery during this step, actually being requested for recovery during the next step?

(Menard) Yes. That's the intent.

- But, nonetheless, those projects, and any others requested for recovery, would still have to fall within the initial agreed-upon cap from the Settlement Agreement, is that correct?
- A (Menard) Correct. And there's -- there's ebbs and flows each year. So, there might be a few substations that didn't go into service this year, got shifted to 2021. And, you know, there might have been items in the 2021 Plan that got shifted out to 2022.

So, yes. Whatever goes into service in 2021 will appear in the next and final step adjustment. And it is capped at, I believe, an \$11 million revenue requirement.

And, more broadly, would it be fair to say that, since the time of the Company's May 3rd filing of this step increase request, the Company and Staff have engaged in discovery, technical sessions, effectively conversations which attempt to break down any information asymmetries that might exist between the Company and its regulators, and maybe even at times within the Company, about the \$124 million or so of plant in service and its associated revenue requirement?

```
1
          (Menard) Yes. We had a technical session earlier
 2
         this month.
 3
    Q
         And, in your experience, this breaking down of
 4
         information asymmetries and further due diligence
 5
         on the behalf of the parties to the proceeding,
 6
         is this generally accomplished through Staff's,
 7
         or rather now the DOE, and other intervenors',
         including the OCA's, review of a sampling of
         projects which have been requested for recovery?
 9
10
         (Menard) Yes.
11
                   CHAIRWOMAN MARTIN: Mr. Buckley?
12
                   MR. BUCKLEY: Yes.
1.3
                    CHAIRWOMAN MARTIN: For clarification
14
         for the Commission, can you please explain, when
15
         you say "information asymmetries", specifically
16
         what you're talking about?
17
                   MR. BUCKLEY: Yes. So, I would suggest
18
         that, in regulated industries, there is often an
19
         information asymmetry observed between the
20
         regulated and the regulator, in that what is
21
         initially filed, or at least one example, is
22
         what's initially filed as the request for
23
         recovery is, yes, supported by rather extensive
24
         testimony and justifications for the request
```

itself. But, for example, there are further records of the company or supporting materials that help to inform whether each project and, more broadly, the Company's overall approach to investments, is actually an approach which results in prudent investments and just and reasonable rates.

CHAIRWOMAN MARTIN: Okay. Thank you. So, you're essentially describing a global issue related to regulation, as opposed to a specific issue with this utility?

MR. BUCKLEY: Yes. Exactly.

CHAIRWOMAN MARTIN: Thank you.

MR. BUCKLEY: And, so, for some context here, Staff's approach to this step adjustment hearing, now that the foundation for exhibits has been laid and general overview provided, is that we'll be walking through a small sample of projects reviewed by the Regulatory Support Division, and you'll have to excuse me if I occasionally misstep and use the phrasing of "Staff", and provide some further discussion of various data requests, as well as the results of the last step's audits. And then turn things

```
1
         over to the Commissioners, and then we'll provide
 2
         any recommendations at closing.
 3
    BY MR. BUCKLEY:
         And we will start with the Welch Island Submarine
 4
 5
         Cable Project that we heard Mr. Lajoie, I believe
 6
         it was, speak about earlier.
 7
                   So, in the attachments, we saw this
         initial $360,000 project estimate. Mr. Lajoie,
 8
 9
         can you tell us what the basis was for that
10
         $360,000 estimate --
11
                   CHAIRWOMAN MARTIN: Excuse me, Mr.
12
         Buckley. Would you please provide the Bates Page
1.3
         number, so that we can return to it?
14
                   MR. BUCKLEY: Certainly. It was
15
         Exhibit 62, Bates 026, red Bates 026, I believe
16
         it was, Line 7.
17
                   CHAIRWOMAN MARTIN: Thank you.
18
                   MR. BUCKLEY: And the "360,000" can be
19
         found at Column I.
20
    BY THE WITNESS:
21
         (Lajoie) The initial request for $360,000, as you
         pointed out, was submitted on a Project
22
23
         Authorization Form completed in 2016. I believe
24
         your question is "What was the basis for that
```

```
1
         $360,000 figure?" And I cannot answer that
 2
         question. The people involved in submitting that
 3
         original request no longer, any of them, no
 4
         longer work for the Company. So, I don't know
 5
         what that was based upon. And, unfortunately, it
 6
         was not itemized in the original Project
 7
         Authorization Form what the cost basis was based
              That is required as part of the Project
 9
         Authorization Forms at this time, but apparently
10
         was not back in 2016.
11
    BY MR. BUCKLEY:
12
         Uh-huh. And, so, the 2020 plant-in-service,
13
         which has been requested for recovery here, am I
14
         correct in observing, at Column H, that it is
         about $1.6 million?
15
16
         (Lajoie) Yes. That's correct. 1.575 million,
17
         "Plant in Service", Column H. Yes.
18
         And Column M, "Actual Project Life-to-Date
    Q
19
         Costs", is something that's just a bit more than
20
         that, right, 1.883 million?
21
         (Lajoie) That's correct.
22
    Q
         And this is a project which -- can you describe
23
         the project for me more broadly? For example,
24
         the number of customers that will be served from
```

it?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

A (Lajoie) Yes. This project was actually replacing two pieces of submarine cable in Lake Winnipesaukee, from the mainland to Welch Island, from the mainland to Lockes Island. The cable to Lockes Island was about 1,100 feet, and the cable to Welch Island was 5,400 feet, so just over a mile.

The original installation to Welch Island was completed in the 1940s. I was not working for the Company at the time. There were three cables installed originally. But, over time, at least one of those cables had failed. The remaining cables were deteriorated. Most specifically, the piece we could see at the edge of the water, both on the mainland side and on the island side, wave action, action on the ice moving, as ice-out happened, had scraped the cables across the rocks along the edge. So, I know that the neutral cable, the neutral for that cable, which is spirally wound around the outside of the cable, had deteriorated, and certainly was a concern of having an open neutral to those customers on the island.

1.3

I know the Lockes Island cable at times had failed and been spliced, so they had had to -- the riser pole is where the cable transitions from overhead to underground, and then, on the island, it transitions from underground back up to overhead. As you know, that, in order to splice that cable, because it was at a depth that could be reached, they had to actually pull cable back from the riser pole, so the riser pole was getting shorter as the cable went up, and that was considered to be an unsafe condition.

So, the two cables really were in bad shape. So, the decision was made that we really needed to replace these cables.

I don't think I have information in front of me as far as the number of customers on the island. As I said, these are both existing cables that were being replaced. So, it wasn't that, you know, we were installing a brand-new cable to feed brand-new customers. This was replacing existing assets.

Q And, so, maybe I can direct you to Bates Page -- Exhibit 64, Bates Page 005.

```
1
         (Lajoie) Okay. I'm there. Yes. Ah, okay.
 2
         There you go. There's 42 customers on Lockes
 3
         Island. And Welch Island has 58 customers.
         That's in the "Overall Justification" section on
 4
 5
         Bates Page 005 of that attachment.
 6
         And, so, forgive my law school math here, so
 7
         let's say approximately 100 customers is who this
 8
         project is meant to serve, is that correct?
                        That is correct.
 9
         (Lajoie) Yes.
10
         Okay. Great. And do we know if these customers
11
         provided any sort of contribution to this
12
         project?
13
         (Lajoie) No, they did not.
14
         And is it possible that some of these customers
15
         received compensation for easements the Company
16
         may have had to acquire during the course of this
17
         project?
18
         (Lajoie) I was not able -- I did some research on
19
         this, I was not able to find any information on
20
         the easement of -- on any easements which were
21
         purchased on the island side. I do believe an
22
         easement was purchased on the mainland side of
23
         the longer of the two cables.
24
         Okay. And do you think that, if the Company's
```

projected costs were closer to the actual final 1 2 costs, rather than the 360,000, would the Company 3 have, pursuant to its TD190, considered -- been 4 able to consider other alternatives that are 5 somewhere between that final cost estimate and 6 the \$360,000 cost estimate? 7 (Lajoie) There were alternatives considered, none Α of which were deemed to be viable. Providing 8 9 electric service to islands is always a difficult 10 situation. You know, again, this was existing 11 customers. So, we couldn't just tell them "I'm 12 sorry, you don't have any power anymore, because 13 the cable feeding the island failed." I believe 14 we're under an obligation to continue to serve. 15 Alternatives, such as a large generator 16 on the island, were dismissed -- or even a series 17 of small generators on the island, was dismissed 18 due to the environmental concerns. Stationary, 19 permanent generators do require air permits. Of 20 course, transporting fuel to the island, to keep 21 these generators running and so forth, would have 22 provided, you know, presented its own 23 difficulties, and, again, environmental concerns.

I don't believe a large enough solar

24

1

2.

3

4

5

6

7

8

9

10

11

12

1.3

14

15

16

17

18

19

20

21

2.2

23

24

installation could be installed on the island to provide permanent power. It clearly would need to be coupled with some sort of an energy storage system, which significantly increases the cost of such an alternative.

So, you know, the possible solutions, possible alternatives, none of them were deemed to be viable alternatives to simply replacing the cable, to ensure that these customers had continued electric service. The installation was done in a manner that prevented some of the physical damage that we've seen to the existing cables. For example, conduit was run out to a distance where I believe it was 20 feet below the surface of the water, and the cable was run through the conduit. So, the icing action that I had mentioned earlier and wave action wouldn't deteriorate the new cable. It's protected in conduit buried in the ground. It also protects it, you know, in general, from boat anchors and things like that, fishing hooks and so forth.

So, the installation is improved over what was there from the 1940s. And the replacement was deemed to be the best alternative

1 to maintaining electric service to these 2 customers. 3 Q And do you know if the alternatives considered 4 were compared to the \$360,000 initial cost 5 estimate or the -- I think it was the 6 supplemental request of \$1.9 million? 7 Α (Lajoie) In either case, no matter which one 8 you're comparing it to, the environmental 9 considerations would continue to weigh heavily 10 against the alternative. So, the original 11 Project Authorization Form included the 12 alternatives. And, yes, that was looking at the 1.3 360,000. But, when the supplemental was 14 presented, the discussion continued on, saying "Isn't there another way that we can do this?" 15 16 And no alternatives were considered to be 17 justified, even at the significantly higher cost 18 of the \$1.9 million. 19 And, so, I am looking at Bates Page 006 of Q 20 Exhibit 64. And I see a single financial 21 sentence talking about alternatives that were 2.2 considered. 23 Is that the extent to which 24 alternatives were considered for this project?

A (Lajoie) "Distributed generation" can refer to a large number of things. It could be traditional gas— or diesel—fired generation. It could be solar. I am sure that a large wind turbine was not considered as part of the possible alternative. But, you know, that could also be distributed generation.

So, the term here "Install distributed generation", you know, again, would be very costly and not an appropriate avenue to provide backup, applies to both traditional fueled generation and solar, certainly.

And, again, the solar requires a significant amount of real estate, which, as you might imagine, is at a premium on an island property, that's been divided up into a significant number of lots. But there's also the storage system that would have to go along with it, a large battery storage system in this particular case, since I'm assuming they couldn't get a flywheel installed. That, you know, just, again, significantly adds to the cost, and at that point is not, as the sentence says, "not an appropriate avenue."

```
1
         And do you know if the Company conducted an
 2
         actual cost-benefit analysis of, for example, a
 3
         solar plus storage option, or instead said, in
 4
         its judgment, "it's such an order of magnitude
 5
         off, an analysis wasn't warranted"?
 6
         (Lajoie) No, no specific cost-benefit analysis
 7
         for those alternatives were documented. But I am
 8
         confident that, yes, in the Company's judgment,
 9
         it was considered to be cost-prohibitive and not
10
         an appropriate alternative.
11
    Q
         Okay. Now, I am going to move on to the
12
         Pemigewasset Substation Project that was
13
         discussed earlier as well. And just to give us
14
         another basis in the record, is this the project
         identified at Exhibit 62, Bates 060 -- Bates 026,
15
16
         sorry, Line 19, is that correct?
17
    Α
         (Plante) Yes.
18
         And, so, we heard a little bit earlier about the
19
         somewhat significant difference between the
20
         pre-construction estimates and actual final cost.
21
         But can you just very briefly tell me -- give me
22
         a quick summary of what that was again?
23
    Α
         (Plante) In terms of dollars or history?
24
         In terms of history, the basis for that variance.
```

A (Plante) All right. So, as I mentioned earlier, this is one of those projects that was authorized at our prior authorization process, where it received full funding prior to having any, you know, detailed engineering performed.

So, in 2017, this project was initiated and evaluate -- the alternatives were evaluated, and ultimately a project to replace the existing transformer with a new 62 MVA transformer was raised up. So, in 2017, RLC, who is a consulting engineering firm that we had contracted with to assist with project estimating, prepared a project estimate for the replacement of the existing transformer with a new one as [indecipherable audio] --

[Court reporter interruption due to audio issues.]

CONTINUED BY THE WITNESS:

A (Plante) Okay. So, they developed a project estimate for the replacement of TB88, which is the existing transformer, with a new 62 MVA transformer unit, as well as the replacement of two oil circuit breakers with new vacuum circuit breakers, and all of the associated protection

```
and controls for that equipment.
 1
 2
                   So, they used industry-standard
 3
         software to prepare that estimate. So, it's more
 4
         a menu-based or cafeteria-style estimating, but
 5
         it is an industry software.
 6
                   So, in February of 2018, that estimate
 7
         was used as the basis for a full funding project
         authorization that was presented to EPAC and
         approved for $4.1 million, and at that time had a
 9
         planned in-service date of June 2000 --
10
11
                   CHAIRWOMAN MARTIN: Just a moment. Mr.
12
         Plante? Mr. Plante, can you hear me?
1.3
                   WITNESS PLANTE: I'm hearing you.
14
                   CHAIRWOMAN MARTIN: Let's go off the
15
         record.
16
                    [Brief off-the-record discussion
17
                    ensued.]
18
                   CHAIRWOMAN MARTIN: Okay. Why don't we
19
         take a break now, until about 10:50, and let Mr.
20
         Plante work out his issues with bandwidth. We'll
21
         be back at 10:50.
22
                    (Recess taken at 10:38 a.m. and the
23
                   hearing resumed at 10:51 a.m.)
                    CHAIRWOMAN MARTIN: So, let's go back
24
```

```
1
         on the record. Go ahead, Mr. Buckley.
 2
                   MR. BUCKLEY: Thank you, Madam Chair.
 3
    BY MR. BUCKLEY:
 4
         So, I think we were just discussing the reason
 5
         for the cost increases associated with the
 6
         Pemigewasset Substation Project. Is that
 7
         correct, Mr. Plante?
 8
         (Plante) That is correct.
 9
                   WITNESS PLANTE: And I don't know if,
10
         Mr. Patnaude, you want to bring the group back up
11
         to where we were when I faded away. And, again,
12
         my apologies for the bandwidth problem.
13
                    (Whereupon the Court Reporter read back
                    the last sentence of the answer before
14
15
                    the audio bandwidth issues occurred.)
16
                   WITNESS PLANTE: Thank you,
17
         Mr. Patnaude.
18
    CONTINUED BY THE WITNESS:
19
         (Plante) And, at that time, there was, along with
20
         that funding authorization, there was a plant
21
         in-service date of June of 2019. As I mentioned
22
         earlier, at that time minimal engineering on the
23
         project had been done.
24
                   And the thought at that time, regarding
```

the scope of the work, was that there would be sufficient space in the existing control building that would be vacated by some of the removed cabinets to place the new cabinets in the existing control building. So, at that point, we hired a -- excuse me -- a design engineering firm, that was RLC Engineering in this case as the design engineer as well, and embarked on the effort to fully define the project scope. And, in July of 2018, that detailed project scoping document was completed -- well, actually, I'm sorry. We did the scope document internally, and then in September of 2018 is when we issued the purchase order to RLC Engineering for the detailed design.

And then, in October 2018, we actually went pencils down on the design for this project, due to some constraints in the distribution budget. As you know, we try to, you know, execute our distribution budget as close to the approved trustee budget as we can. So, we make, you know, decisions near the end of the year on what things should be proceeding and what things should be slowing down based on that.

2.

1.3

So, we picked back up with the engineering in the beginning of 2019, and completed a conceptual design for this project.

And then went to the site with the design team and some key construction resources, to review those design documents, based on the existing field conditions and get some feedback. And this is where we determined that there was a need to expand the existing control building to safely house all of the necessary equipment for the protection and controls of the new transformer and circuit breakers.

So, we announced this in April of 2019, along with a plan to wait until the construction pricing was available before submitting a request for additional funding, because at that time we really didn't understand what that full impact was going to be, because we needed to go and complete the design for the control building expansion and determine what that cost was going to be.

And, in August of 2019, we completed the Site Plan Application with the Town of New Hampton Planning Board. So, we needed to,

because we were doing that expansion of the control building, that required us to modify our existing site plan, which was on record with the Town of New Hampton. So, that was approved in I want to say October. And then, we commenced the civil construction in December of 2019, which included the control building foundation.

It wasn't until April of 2020 until we received the competitive bids for the electrical construction for the project, along with the testing and commissioning proposal. So, at that time, we updated the estimate for the project, based on these knowns, which previously had not been knowns, they were merely assumptions, and drafted the Supplemental Funding Request, which we submitted in June of 2020.

So, you'll notice in the -- in the exhibit, on row -- I guess red Bates 026, Row 19, there are actually two Supplemental Funding Requests identified there, when, in reality, we only approved one Supplemental Funding Request, this one that was presented in June of 2020 requesting an additional \$2.7 million. It was approved by the EPAC. It did have a condition

associated with it, that we present the 1 2. supplement to an Executive Review Board. 3 CHAIRWOMAN MARTIN: Mr. Plante? 4 WITNESS PLANTE: Yes. 5 CHAIRWOMAN MARTIN: Oh, you're back. 6 We lost your video for a moment. Go ahead. 7 WITNESS PLANTE: Oh. Sorry. CONTINUED BY THE WITNESS: 8 (Plante) So, we did have a condition that we had 10 to present the Supplemental Funding Request to an Executive Review Board, which consisted at the 11 12 time of Bill Quinlan, Joe Purington, Aftab Kahn, 1.3 and a couple others. And this is typical for any 14 project that has a value greater than \$5 million. 15 So, it's not specific to this. It's just because 16 the value was greater than 5 million. 17 So, that meeting didn't get scheduled 18 until October 15th, due to everybody's schedules, 19 summer vacations, all of that kind of stuff. 20 the meantime, we continued with our construction. 21 And, on September 19th, we were in the 2.2 process of energizing the new transformer TB88. 23 And, during that energization process, there's a 24 lot of testing that gets involved with that.

2.

that testing detected a phasing error in the Synch Scope, which would limit our ability to use -- to effectively use the transformer. So, we decided at that time to abort that energization process and figure out what was going on with that.

So, you know, that launched us into a process with a lot of internal engineering resources to evaluate what the situation was, determine a path forward, and then we had to get RLC Engineering involved again to perform some additional engineering to correct that issue, which ultimately we did. And, on November 1st, we were able to get that transformer successfully energized.

It equated to an approximately six-week delay in that transformer energization. So, while all this is going on, we had completed our executive review, and this particular supplement began its route for final approval in the PowerPlan system. And, due to this issue, and at the time we still weren't fully aware of what the cost impact that was, we decided to halt the approval of that supplemental request, in favor

of resubmitting a new revised version that incorporated any of the cost changes associated with this revised engineering for the transformer.

So, and in any event, that all then kind of got itself figured out in the latter parts of 2020. And then, in early 2021, we submitted the revised Supplemental Funding Request for about \$3.7 million, which was approved by EPAC on April 14th. And this one — this version does cover all of the increases from the previous version of the supplement, as well as additional costs that were incurred during the correction of that Synch Scope phasing issue.

And that's kind of how we got to where we are today with this project.

17 BY MR. BUCKLEY:

1.3

- That's very helpful. Thank you, Mr. Plante.

 And, so, that Supplemental Request Form you mentioned, that I think it's the final one, if I could ask you to turn to Exhibit 64, Bates Page 037.
- 23 | A (Plante) I'm almost there. Okay. I am there.
- 24 | Q And, so, am I correct in understanding the "Prior

```
1
         Authorized", is that first column we see, at the
 2
         bottom it's totaling about 4 million, and the
 3
         "Supplemental Request" is the 3.6 or 3.7 million
 4
         that you mentioned before?
 5
         (Plante) Yes.
 6
         Great. Can you tell me why the indirects have
 7
         gone up almost tenfold, but the directs have only
         gone up by, ballpark, about 60 percent or so?
 8
         (Plante) Yes. Sure. So, in the initial -- well,
 9
10
         it's called "prior authorized" here, you'll
11
         notice that the "Capital Additions - Indirect"
         value is just over $200,000. This is a value
12
13
         that came from the RLC estimate that was done in
14
         2017. And, at the time, RLC wasn't very well
15
         schooled, I guess for a lack of a better term, on
16
         how to apply our overheads to the actual direct
17
         costs for the project. So, the actual indirects
18
         that were part of the prior authorized were
19
         inadequate at that time. They weren't properly
20
         applied to that estimate. And the first -- the
21
         version of the first Supplemental Funding Request
22
         was addressing a lot of that issue.
         Okay. And, so, it sounds like there was
23
24
         something of an accounting error or accounting
```

```
1
         projection error on behalf of RLC. You also
 2
         mentioned the error during "phasing", I think was
 3
         the term you used?
 4
         (Plante) Energization, when we were energizing
 5
         the transformer.
 6
         And, so, at least the energization error, did
 7
         that result in incremental project costs?
         (Plante) Yes, it did.
 8
 9
         And, so, RLC is an independent contractor of
    Q
10
         Eversource's, right? External to Eversource?
11
         (Plante) That's correct.
    Α
12
         And did Eversource take any action to try to
13
         recover some of those incremental costs from RLC
14
         or maybe an insurer or something along those
         lines?
15
16
         (Plante) We did -- We did not seek any insurance
17
         claim, per se, through RLC. We do have contracts
18
         that have been negotiated with all of our
19
         engineering vendors, we have a lot of them, that
20
         limit the amount of liability that they are
21
         liable for. So, in this case, they did complete
22
         all of the additional engineering at their own
23
         cost, but their contract doesn't make them liable
         for the -- I don't know if the word is correct,
24
```

2.

1.3

2.2

but I would say -- I'd call them "consequential" damages.

And we do have our own engineering folks who have a role in reviewing and whatnot the engineering deliverables. So, you know, there's -- it's very difficult to pinpoint, you know, exactly which person made which mistake, and whether they should have caught it at that point in time.

But we do have a process where, you know, the design engineer is supposed to create the design and perform an internal review, they provide it to us. We perform our review before it goes to construction. We are all human. Sometimes we don't catch all of those things until later on in the process, which is exactly why we do testing.

Had we not done this testing, we probably would have energized the transformer and created a -- and maybe failed the transformer.

You know, we test everything before we energize it. And, in this case, that testing process did exactly as it was designed to do, it detected a wiring error, and helped us figure out how to

```
1
         correct it.
 2
         And, so, it sounds like that testing process
 3
         limited what I think you just referred to as any
 4
         "consequential damages" that occurred to
 5
         something that's much smaller?
 6
         (Plante) Yes.
 7
         But, if I were looking to better understand those
    Q
 8
         consequential damages, I assume it would
         probably be something less than the difference
 9
10
         between that -- that number at Bates -- what was
11
         it? -- 037, which was $3.6 million, between the
12
         initial and the final supplement, right?
1.3
         (Plante) Well, if we're talking -- are we talking
    Α
14
         just about the impact of the aborted
15
         transmission -- transformer energization or are
16
         we talking about the whole change?
17
    Q
         Let's talk --
18
         (Plante) Because the 3.6 includes a lot of other
19
         stuff that transpired prior to the transformer
20
         energization issue, and would normally have been
21
         covered in our current project funding
22
         authorization process, where we don't seek full
23
         funding until we have, you know, the lion's share
24
         of our variables and assumptions nailed down.
```

```
1
         Let's talk exclusively about the transformer
 2
         energization issue. Where would I look to better
 3
         understand what the dollar figure is associated
 4
         with that?
 5
         (Plante) Well, what we did is provided an
 6
         explanation of the difference between that first
 7
         supplement that we did not fully approve, and the
 8
         subsequent -- the subsequent supplement that was
 9
         approved. And part of that response that we
10
         provided included a comparison between those two.
11
         It adds up to about $900,000, including overheads
12
         and whatnot. So, that kind of breaks it down,
13
         based on kind of a high-level line item process.
14
         So, there's a little bit of engineering, a little
15
         bit of materials, significant amount of
16
         construction, and testing and commissioning.
17
                   And that, you know, that all gets
18
         compounded by the cost of time and delays, people
19
         on-site for a longer time than planned, and those
20
         types of things.
21
         And how about the cost associated with the
22
         initial engineering design work? I think I heard
23
         you say that that was -- that the contractor had,
24
         in fact, eaten those costs in some way, shape, or
```

```
1
         form, because that design work was --
 2
         (Plante) That is correct.
 3
         And, so, hearing that, I would have thought that
 4
         maybe there would be some sort of, at Bates Page
 5
         056, where it says, I quess you could say Line
 6
         16, where it says "Reimbursable", there might
 7
         be --
         (Plante) Hold on. Page 56?
 8
 9
               This is the variance sheet that you were
    Q
10
         talking about before. It has, at the bottom
11
         right, the "911,000".
12
         (Plante) Okay. I'm there now. You can actually
13
         back up with your question.
14
         Yes. Certainly. So, I think I just heard you
    Q
15
         say that the third party contractor had to --
16
         wasn't able to charge for or had to eat, in some
17
         other way, shape, or form, their -- the costs of
18
         their initial work, because it turned out to
19
         present some problems in the actual project. Is
20
         that accurate?
21
         (Plante) Yes, kind of. Well, what I was saying,
    Α
22
         they didn't reimburse us for the work that they
23
         had done previously. They just didn't charge us
24
         for their ongoing effort to make any corrections
```

1.3

or revisions to that, to those design documents.

So, it wouldn't show up as a reimbursable.

Typically, reimbursables are, at least as far as I'm involved, dealing with like third party generators, when we're maybe doing some work for -- on one of our stations to accommodate an interconnection, that the costs that we incur for them would be recovered under the Line 16 as a reimbursable. That's kind of where that would show up.

And, even if we were to get a -- like an invoice credit, which we often do, it would show up -- it wouldn't show up as a reimbursable, it should show up on the actual line item where the charges originated from. So, you know, if it was an engineering credit, it would be on Line 4. So, it would just show what the total value is, not a specific value for a credit.

- Q And Line 4 appears to actually go up between the 2020 Supplemental Request Form and the 2021?
- A (Plante) Yeah. That's internal labor. We had a lot of involvement of our internal engineering folks when this happened. So, that's Company labor.

```
1
         And, so, you also described the other cost
 2
         increases, those which are not directly
 3
         attributable to this error from your third party
 4
         engineer. Can you just go through very, very
 5
         briefly some of those, the basis for those cost
 6
         increases, and why they're different from this
 7
         incremental cost? I think some of the Project
 8
         Authorization Forms -- go ahead.
 9
         (Plante) So, if I understand your question
10
         correctly, you're looking to understand what the
11
         costs were from the June 2020, which was the one
12
         that was halted? Is that --
13
         Yes. So, in the Project Authorization Forms, I
    Q.
         recall discussion of Smart Grid enhancements and
14
15
         animal protection devices and whatnot --
16
         (Plante) Okay.
17
         -- that were not included in the initial Project
18
         Authorization Form, and are part of the basis for
19
         the cost increase.
20
         (Plante) Yes. I'm with you now. Thank you. So,
21
         in the initial supplement included additional
22
         scope that was either not initially intended or
23
         not specifically included in the estimate. So,
24
         in addition to the expansion of the control
```

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

house, which was kind of the big ticket item from a direct cost perspective, there were additions to the scope for animal protection at the substation, which is installation of kind of dielectric devices on bushings and insulators and whatnot, that would prevent, you know, squirrels and birds from creating outages at the substation.

You know, during the execution of this project, after it was fully funded, our company initiated a program to install animal protection at many of our substations, Pemi included. And what we did in this case is we included that scope in this project and covered it through the Supplemental Funding Request. Well, in retrospect, probably would have been wiser and cleaner just to open up a new project at Pemi referencing the program to cover that cost. Then it would not be, you know, looking like the original project just missed something, when, in fact, that wasn't something that we were doing widespread at the time this project was initiated.

And, so, Mr. Plante -- sorry to interrupt.

```
1
          (Plante) Yes. Go ahead.
 2
         But you mentioned the "control room".
 3
         (Plante) Yes.
 4
         Can you tell me why the control room limitations
 5
         weren't something that the Company would --
 6
         either the Company or its third party contractor,
 7
         if this difference is attributable to the third
 8
         party contractor, would have been aware of from
 9
         the outset of the project?
10
         (Plante) So, they're aware of the existing
11
         footprint of the control building, as well as the
         cabinet layout in the control building.
12
13
         consultant wasn't involved at this time.
14
         was internal engineering, and they're, you know,
15
         they're assembling their assumptions for the
16
         project. And they, at the time, were thinking
17
         "Oh, we have X number of new cabinets that we're
18
         proposing, and it looks like we can squeeze them
19
         in in these places. So, we will initially not
20
         plan on expanding the control building." So,
21
         that was -- that was how that was considered when
22
         the initial estimate in funding was prepared.
23
                   Again, engineering hadn't been done.
24
         We didn't have all of the application diagrams
```

and elementary diagrams, protection and control systems prepared. So, we didn't have the full knowledge of exactly how many control cabinets would be required, and how well they would fit in that existing space.

So, once that knowledge became available, we took it to the site and tried to, you know, evaluate the constructability of that, and whether it was, in fact, going to be constructable in a safe fashion. And, at that time, it was determined that we would be way better off to expand the control building.

That was a decision that was made by engineering and construction, you know, all of the, you know, the experts in the field, based on knowledge, not based on assumptions. Does that make sense?

- Yes. That's very helpful, Mr. Plante. So, I think maybe we can move now to just very briefly the Rochester 4 kilovolt conversion, which I think you will find at Exhibit 62, Bates -- red Bates 026, Line 13. Is that correct?
- 23 A (Plante) Yes.

2.

1.3

24 | Q And can you tell me why this project appears,

```
according to Column F, to have a first in-service
 1
 2
         date of "2018". But, then, if you move over all
 3
         the way to the right, at Column U, it appears to
         have a full in-service date that will not occur
 4
 5
         until "2021"?
 6
         (Plante) Yes. Certainly. So, this particular
 7
         project, and it's entitled "Rochester 4 kV
 8
         Conversion", I'm not a distribution expert in the
 9
         Rochester area, but a large portion of the
10
         Rochester distribution system, well, has been at
         4 kV for a long, long time. And this project
11
12
         aims to upgrade that distribution service voltage
13
         to I want to say "12 kV", and hopefully correct
14
         me if I'm wrong, Lee. And that's a stepwise
15
         process. In order to do this, it takes, you
16
         know, a lot of time and effort on the behalf of
17
         roadside distribution line crews, as well as
18
         substation construction projects, for instance,
19
         the Twombley Street Substation. There's an
20
         existing 4 kV substation there that needs to be
21
         rebuilt to 12 kV, before it could serve the
22
         distribution lines that were directly connected
23
         to it at 12 kV.
24
                   So, the way the project has unfolded is
```

you started working on these distribution circuits in a piecemeal fashion, opening up work orders for one circuit at a time or a portion of a circuit, and creating — going out there, developing work packages, and assigning crews to them to complete the work. So, as each of these work orders is completed, and the customers are now being served at that new voltage, those work orders can go in service, because they are performing their intended function.

Currently, I think we have 21 work orders that have been opened, they're not all still opened. Many of them are in service and closed out by now. But we do still have a number of them that are still in, you know, either in design or construction. And the intent is that we would have the remainder of this Rochester 4 kV conversion completed by the end of this year. And that's why you see in-service in various years for this project.

And, to be clear, that which is requested for recovery within this step is now already used and useful and energized and providing service.

24 That's correct?

2.

1.3

```
1
                        That's correct. So, the work
          (Plante) Yes.
 2
         order would be placed in service upon completion
 3
         of the last customer being converted on whichever
 4
         work package they're referenced. So, once that's
 5
         done, the work order gets placed in service,
 6
         AFUDC stops, and we begin the close-out process.
         Great. So, now, I want to turn to the Audit
 7
    Q
 8
         Division's February 2021 audit of the Company's
 9
         2020 step filing from last year. Focusing on two
10
         specific issues that were raised by Audit, which
11
         from the Regulatory Support Division's
12
         perspective, appear yet unresolved, and, in fact,
13
         do reoccur within this step request. And those
14
         would be the characterization of load tap
15
         changers for accounting purposes, and the
16
         Company's accounting treatment of damaged
17
         property that may be reimbursed via a third
18
         party's insurance company.
19
                   So, starting with the load tap changer,
20
         can you please briefly describe what a "load tap
21
         changer" and/or "controller", I think I saw it
22
         referenced as both items within the audit and
23
         filing, can you say what the function of that
24
         device is?
```

```
1
          (Plante) You want that, Lee?
 2
         (Lajoie) Yes. I'll take that. A substation
 3
         transformer, especially newer ones, have, in
 4
         addition to the transformer, there is a separate
 5
         mechanical piece of equipment that allows you to
 6
         regulate the voltage coming out of that
 7
         transformer within a certain range, generally
 8
         plus or minus 10 percent. That device is called
 9
         a "load tap changer". It changes what are called
10
         "taps" within the transformer, changes them under
11
         load, hence the name "load tap changer".
12
         Associated with that load tap changer is a
13
         control, which monitors the voltage, it has
14
         program settings. And, as long as -- if the
15
         voltage goes outside those limits that are
16
         programmed into the control, it adjusts the taps
17
         such that it will change the voltage coming out
18
         of that transformer. That's a "load tap
19
         changer". The "control" is actually the device
20
         that you're referring to, that was discussed in
21
         the audit, and in some of our tech sessions.
22
    Q
         And can you tell me what the average useful life
23
         of a load tap changer control is?
24
    Α
         (Lajoie) I'm not sure. Does somebody else want
```

1 to take that one? 2 I can rephrase, if that's helpful. Is it common 3 for a load tap changer controller to be replaced 4 ahead of the retirement of the transformer it's 5 attached to? 6 (Lajoie) Yes. That is not an uncommon situation. 7 Load tap changer controls historically have been mechanical devices with electromechanical relays. 8 9 Modern load tap changer controls are solid-state 10 devices with solid-state relays, provide much 11 more robust options, as far as the settings that 12 are programmed into that control, and provide 13 additional capabilities, such as the ability to 14 remotely monitor what that tap changer is doing, 15 and remotely adjust the settings and the response 16 of the tap changer. 17 Q And, if you turn to Exhibit 63, Bates Page 021, 18 it describes a disagreement between the Company 19 and the Audit Division about whether these load 20 tap changers represent individual units of 21 property, in which case the Company might 22 properly capitalize them and recover them within 23 the step, or whether they are simply 24 replacements, maintenance of property that was

```
1
         already initially capitalized, in which case the
 2.
         audit recommends they should instead be expensed,
         rather than capitalized. Is that correct?
 3
 4
         (Lajoie) I am familiar with those discussions,
 5
         but was not party to it.
 6
    Q
         And cited within the audit is an Eversource
 7
         policy memo developed in March 2012, is that
 8
         correct?
 9
         (Lajoie) Yes. I believe that's correct.
10
         And, so, prior to 2012, it sounds like the
11
         Company had treated those devices in the manner
12
         that Audit recommends, and in a manner which
1.3
         Audit argues or observes is consistent with FERC
14
         accounting?
15
         (Menard) I believe it's an interpretation issue.
    Α
16
         And there is a disagreement in interpretation.
17
         So, I'm not sure it's a FERC issue. It's an
18
         interpretation of FERC guidance.
19
         And, to follow up there, prior to that March 2012
    Q
20
         memo, the Company had interpreted that FERC
21
         accounting or that device differently, is that
22
         correct?
23
    Α
          (Menard) I believe that's the case. I don't have
24
         the background in front of me, the prior to 2012.
```

```
1
         But, in 2012, there was a change in policy, an
 2
         accounting policy. And the accounting memo that
 3
         was provided as part of Audit states that "LTC
 4
         controls and relays are recognized as retirements
 5
         or units of property, and therefore they can be
 6
         capitalized separately, and they're not a
 7
         maintenance item."
         And would it be accurate to say that the Audit
 8
    Q
 9
         Staff cites the FERC rule at Exhibit 63, Bates
         020, which states "When a minor item of
10
11
         depreciable property is replaced independently of
12
         the retirement unit of which it is a part, the
13
         cost of replacement shall be charged to the
14
         maintenance account appropriate for the item."
15
         Is that correct?
16
         (Menard) Yes.
17
         And is it correct that, in this step, which
18
         examines 2020 plant-in-service, there were, in
19
         fact, load tap changers that were capitalized,
20
         rather than expensed?
21
         (Menard) Yes.
    Α
22
         And, if you could turn to Exhibit 60 -- the
23
         initial filing, which was Exhibit 62, I believe,
24
         Bates Page 026, red Bates Page 026, Line 27,
```

```
1
         please?
 2
         (Menard) Yes.
 3
         Is it correct that there appears to be a project
 4
         related to load tap changer controllers that's
 5
         approximately requested for recovery of $463,324?
 6
         (Menard) Yes. That's correct.
 7
    Q
         And, if you could also turn to Bates 028, Line
 8
         15, and that's -- I think it's red Bates Page
 9
         028, but I will double check.
10
         (Menard) Yes. That's correct.
11
         There is another project which involved load tap
12
         changer controllers. I think that the load tap
13
         changers were less than the entire project in
14
         this instance, is that correct?
15
         (Menard) I believe you're referring to Bates --
    Α
16
         oh, sorry, yes. On Bates red 028, Line 15?
17
    Q
         Yes.
18
         (Menard) Says "Annual Substation Projects". So,
19
         there's many, many individual smaller projects
20
         within this one. And there is a work order that
21
         has a load tap changer within that project.
22
    Q
         And is it accurate to say that, of the load tap
23
         changers, they represent approximately $40,000 of
24
         the overall costs?
```

1 That's correct. And, while it's (Menard) Yes. 2 not shown here in this exhibit, we did explore 3 that within our technical session. 4 Thank you. And, if the Commission were 5 to agree with the Audit Division that these 6 equipment replacements should be characterized as 7 an expense, would they be -- would they still be 8 eligible for recovery in the step? 9 (Menard) No. Expense is not included in the 10 step. 11 And are there any other major differences between 12 characterizing these equipment replacements as an 13 expense, rather than a capital investment? 14 example, if they were characterized as an 15 expense, rather than capitalized, would the 16 Company still be eligible to earn a return on 17 those assets? 18 (Menard) No. You know, presumably, if these were Α 19 included as an expense item, presumably they 20 would have been in our cost of service, which is, 21 you know, the basis for our distribution rate. 22 But the policy that we had in place, or we have 23 in place currently, that would have been the 24 basis for our cost of service, and our revenue

```
1
         requirement had these as capital units, and
 2
         therefore not expense. So, they're not in our
 3
         revenue requirement and cost of service.
 4
         Thank you. Now, I want to turn to the last
 5
         subject I want to touch on today on
 6
         cross-examination, which is the subject of
 7
         damaged property/reimbursables, I might call it.
 8
         Now, if I can ask you to turn to Exhibit 63, at
 9
         Bates Page 003, there appears to be some degree
10
         of disagreement between the Company and Audit
11
         Staff about whether the Company, in several
         related accounts that should be able -- let me
12
13
         restart here. There seems to be a bit of
14
         disagreement between the Company and Audit Staff
15
         about whether, for several related accounts that
16
         cover insurance, whether the Company should be
17
         able to recover total capital additions related
18
         to damaged property prior to the receipt of any
19
         insurance reimbursable, or rather the Company
20
         should only be able to, at least in the initial
21
         year, only recover net plant additions.
22
                   Am I getting that correct? I might not
23
         be.
24
                   CHAIRWOMAN MARTIN: Mr. Buckley, can
```

you point me to the Bates page again? I

apologize. I didn't hear you when you said it.

MR. BUCKLEY: Oh, yes. It is Exhibit

63, Bates Page 003.

CHAIRWOMAN MARTIN: Thank you.

BY THE WITNESS:

1.3

(Menard) I'm not sure you're characterizing it correctly. During the audit, there was a question about how reimbursements are applied, and the specific accounting associated with that. And, in Audit Issue -- give me just a second to find it -- in Audit Issue 1, that begins on Bates 015, there was -- there was a few different issues going on. One was asking questions about the actual Project Authorization Form itself, and understanding how the reimbursements are applied to what is authorized. Then, there was some questions about how reimbursements are applied. And then, also questions about how reimbursements are recovered, and following the accounting for all of that.

And Bates Pages 015 through 018, and then again on Bates Pages 029 through 035, were responses to try to explain the accounting

associated with reimbursements. So, essentially, and we did go through this in a bit of detail in the last step hearing. And, you know, we explained the process that, when damage occurs, crews go to repair that damage. So, let's take an example where a car hits a pole. If the -- if a police report is created, and therefore the damager of the property is known, you know, our crews make the repairs, whether or not we know the damager or not, our crews make the repairs. If the police report is filed, and there is a name associated with who damages the property, our administrative staff will go and request that police report, and then we know who to bill the damage to.

So, at the time, when we find out all the information, we create a bill, essentially, and send that to the damager of the property. At the time that bill is sent, a credit is applied to the work order immediately, for the full amount. That work order is then closed, the process is then -- eventually closed, the process is completed. And there is a separate process that occurs to actually obtain that, that billed

2.

amount, from the damager, either from the damager itself or from the insurance company.

We may or may not receive 100 percent of that reimbursement. We may not receive it in a timely manner. There are times where there's payment plans that are offered to the damagers. So, the recovery of those reimbursement claims occur over time. But the work order itself, and the amount that's included in this revenue requirement, is credited fully for that amount billed.

So, in the Audit Report, there were questions around the process, on trying to understand where the reimbursement credit or that offset shows up, whether it shows up in plant additions as an offset, or accumulated depreciation. And, so, the response tries to explain that that credit is not an offset to plant additions. It's actually a credit to cost of removal. And, so, therefore, the addition amount is not reduced. It does flow through accumulated depreciation, which therefore reduces the revenue requirement.

So, you know, the Company responded to

```
the audit request. There was no further action
 1
 2
         on the Audit Report. There was no further
 3
         discussion. There was, in our last step
 4
         adjustment, there was an acknowledgment that this
 5
         was still an open issue to be worked through, and
 6
         that this could be resolved through or further
 7
         understood through the business process audit,
         which I believe should be starting within the
 8
         next month or so. And, so, we could further
 9
10
         investigate that at that time as well.
11
         And, so, if I were looking to see, within the
    Q
12
         instant Petition, for where this issue is, would
13
         I be accurate to say it is at Bates 028, red
14
         Bates 028, Line 38, and the value we're looking
15
         at requested for recovery is Column G, which is
         2. -- about $2.6 million?
16
17
    Α
         (Menard) In Exhibit 62?
18
         Yes. Sorry. Exhibit 62.
19
         (Menard) Yes. Yes, that is correct.
    Α
20
         And, so, that amount is the gross of the plant
21
         that the Company put in the ground, rather than
22
         the net value that the Company expects will
23
         result once it's reimbursed from those insurers
24
         associated with, for example, the damage that has
```

```
a police report tied to it. Is that accurate?
 1
 2
         (Menard) Yes. So, in Exhibit 62, on Line 38, in
 3
         Column G, that $2.6 million is plant additions.
 4
         And, so, as I just explained, the reimbursement
 5
         does not go to offset the plant addition itself.
         But, if you were to look further down in Exhibit
 6
 7
         62, on Bates -- red Bates Page 041, Line 2, there
         is a line called "Accumulated Provision for
 8
 9
         Depreciation". And, so, that is an amount that
10
         offsets plant in service, and the credit for the
11
         reimbursement shows up in that number.
12
         And that credit for -- go ahead. I'm sorry.
13
         (Menard) It's not itemized on a
14
         project-by-project basis. But, in aggregate,
15
         that's where it is.
16
         And that credit for reimbursements, does that
17
         typically occur six months within the amount of
18
         time that the project has been booked to plant,
19
         within that same step year, or is there sometimes
20
         a lag, where maybe the reimbursable is not
21
         collected for a period of 16 months or two years,
         or something along those lines?
22
23
    Α
         (Menard) So, the reimbursement collection, is
24
         that what you're asking about?
```

Q Yes.

(Menard) Okay. So, the reimbursement collection can occur over a period of time. I can't say, on average, what the amount of time. But, yes, there could be lags. Like I said, we could set up payment plans with the damagers. There could be disputes with the damagers. So, there are — there is definitely a lag period. But, you know, that is not a part of this step adjustment, because that's handled through a collections process, and would eventually impact the uncollectible expense.

What we're talking about in this step adjustment and the revenue requirement is the credit that is offset to the work orders when the damage happens. And, for that, there could be a time lag. You know, there was — there's a time lag between when the police report is filed to when we receive that information. So, it could be — there could be definitely a time lag.

And, so, these projects, as we talked about, they're annual projects in there, the same projects from year to year. And, so, charges will flow in from year to year. And, when we're

requirement, it's just the chalk line is snapped within that calendar year. So, there could be damage claim reimbursements from, you know, last year that show up to offset the revenue requirement in this year. And, you know, that could happen in each year.

So, there's -- I just want to be clear that there's a distinction as to the amount that's credited to the work order, and would show up in accumulated depreciation, versus the amount collected from the damager through the collections process.

So, if you think about it, you know, just to have a concrete example, if there was damage for \$1,000 for a work order, that work order is credited for \$1,000. We may only collect \$500, \$800, you know, whatever it is. But the work order itself, and what appears in this step adjustment, is the full \$1,000 credit, and it would flow through that accumulated depreciation.

Q Okay. That's helpful. And I notice that the \$2.6 million figure appears larger than initially

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

planned. And, in the Exhibit 64, Bates 057, I think it says, that's the Supplemental Request Form for that line item, it says that those costs are -- or, that variance is a result of the "COVID pandemic" and "internal processes that were slowed and coupled with police department delays".

Can you just expand upon that for me a little bit, why there would be police department delays in returning reports related to damaged property that are attributable to COVID? (Menard) I would imagine it's related to staffing issues. And we've seen this not just in a pandemic year, but in prior years. Like I said, we rely on the police departments to provide the written police report, and that takes -- that can take time. There was a couple of years back where there was some -- some question as to whether police reports could be provided to external parties. And, so, there was several months where we weren't even able to get any police reports. And, so, we're sort of at the mercy of being able to obtain this information to be able to bill the damager or the insurance

```
1
                     So, if the police departments are
         companies.
 2
         delayed, you know, from an administrative
 3
         perspective, then we don't get those police
 4
         reports.
 5
         But, even if you don't get the police reports, a
 6
         credit still appears, based on the amount in the
 7
         work order, for the reimbursable, within the
 8
         accumulated depreciation account in the same year
 9
         that the capital cost appears on the step capital
10
         side of the ledger. Is that -- that's correct?
11
         (Menard) No. That's not correct. We can only
12
         apply a credit when we issue a bill to somebody.
13
         So, if we don't have a bill to issue, then we
14
         cannot credit the work order. So, if --
15
         (Lajoie) Or if we can't issue a bill.
    Α
16
         (Menard) Yes. And, therefore, there is no credit
17
         applied to the work order. So, if somebody hits
18
         a pole, and there is no police report, we do not
19
         know who to bill that damage to, therefore, the
20
         work order does not receive that credit.
21
         And, just to clarify, I guess I should have been
22
         a little more clear, my question was, if there is
23
         a police -- somebody did hit a pole, but there's
24
         just sort of a lag in either the -- if somebody
```

```
1
         hits a pole, and there's a police report, but you
 2
         haven't gotten ahold of the police report yet,
 3
         does that still get credited to accumulated
 4
         depreciation in the same year that the items are
 5
         credited or appear as a capital cost on the other
 6
         side of the ledger?
 7
    Α
         (Menard) No. The credit only appears when we
 8
         issue a bill. So, if we are delayed in getting a
         police report, if we're delayed in issuing a
 9
10
         bill, the work order does not receive that credit
11
         until we issue the bill.
                   MR. BUCKLEY: Okay. That's helpful.
12
13
         All right. No further questions from the DOE's
14
         Regulatory Support Division for
15
         cross-examination.
16
                   CHAIRWOMAN MARTIN: Thank you, Mr.
17
         Buckley. Commissioner Goldner.
18
                   COMMISSIONER GOLDNER: Shall we take a
19
         break for lunch and return in 30 or 45 minutes?
20
                   CHAIRWOMAN MARTIN: Let's go off the
21
         record for a minute please.
22
                    [Brief off-the-record discussion
23
                   ensued.]
24
                   CHAIRWOMAN MARTIN: Okay. I think
```

```
we're going to hold off on taking a lunch break,
 1
 2
         in the hopes -- and in recognition of how this
 3
         was scheduled. But we will take a five-minute
 4
         break right now until about 12:05. Off the
 5
         record and a brief recess.
 6
                    (Recess taken at 11:58 a.m. and the
 7
                   hearing resumed at 12:11 p.m.)
 8
                   CHAIRWOMAN MARTIN: Okay. Let's go
 9
         back on the record. Commissioner Goldner, go
10
         ahead.
11
                   COMMISSIONER GOLDNER: Yes. Thank you.
12
    BY COMMISSIONER GOLDNER:
1.3
         I'd like to go back to the Welch Island case, and
14
         ask a few questions on that. So, a question for
15
         the panel.
16
                    In the documents we have today, in the
17
         exhibits we have before us, is there any place
18
         that I can reference on a study done on what the
19
         alternatives were to the cables that were laid?
20
         (Lajoie) No. There's no reference to that in the
    Α
21
         documentation.
22
    Q
         Okay. Was there a study done on the alternatives
23
         that we could follow up on? Or, would that be --
24
         or, would that be something that Eversource would
```

have to do fresh?

A (Lajoie) That would be something that would have to be done. The decision that the alternatives were not viable is just based on experience from past projects that the Company has had or proposed. We had proposed a large battery storage project, that we've since withdrawn the proposal for. And it was quite a while ago, I don't remember the exact year, we installed a large diesel-fired generator in the Weare area, to relieve a summer peak load condition. So, we have experience with large stationary generating units. And, of course, we do have a number of small portable generators that the Company owns and deploys in the event of some outages, so familiar with that as well.

So, based on the cumulative experience of these events was where the decision was made that the alternatives were not viable.

Q Okay. And it's -- the reason it's a little baffling is that I think the total expense was somewhere between 1.6 and 1.9 million, depending on which number you were using, about 100 people. So, we're talking about, you know, let's call it

18K or 19K per customer.

Α

And the Commission is familiar with some solar pilots, for example, with large batteries, with large arrays, and those are running, I think, 20K each. So, it would have been a similar cost, I think, to this. But, you know, even with a large solar installation, with battery storage. So, we're just trying to understand -- understand those alternatives and what those look like.

Can you maybe touch on your experience with, you know, a solar installation of this size, and then a diesel installation? And I understand that diesel engines are noisy and so forth. But maybe just touch on what an expected cost would be for those two possibilities?

(Lajoie) I'd have to go back and look at the information we have from the diesel installation that we did. Like I said, it was a number of years ago.

The Company, in New Hampshire, has not installed large solar arrays, company-owned. My understanding is that we're prohibited from owning generation at this point, although I may

2.

be mistaken on that point. The divestiture of generation did limit our ability to own generation in the state. So, we'd have to go back and look at, you know, what we've done in other states, and what private companies have done, and so forth.

Recall, however, that this is an island with limited real estate. We have a right-of-way for a line to run on the back lots of the properties. Obviously, the residents of the island own all the land with shorefront exposure, and those lots go back toward the center of the island. So, real estate, to locate such a device, would, of course, be at a premium, and island property is not cheap.

- Do you have -- you mentioned, I think earlier, the panel mentioned earlier, environmental concerns. Was there a study done on the environmental concerns or is there any documentation on those concerns?
- A (Lajoie) There was no study done, or nor is there any documentation on those concerns. Again, the discussion was based on our experience with the diesel generator, and just the general issue of

transporting fuel by boat. We have installed generators on islands on a temporary basis. But, for something as large as what we're talking about here, we've never done anything on that scale, and just had general concerns with that possibility.

As I mentioned, the diesel generator that we did install, there were air quality permits required that had to be renewed. I wasn't directly involved in that project. But a good friend of mine at the Company was, and was able to relay his experience on that. He was actually part of the committee reviewing these projects. So, he was able to relay his experience verbally to the group, when we were talking about whether or not to approve this project.

- Q Okay. And you mentioned, I think, before, the panel did, that there was some open question on whether customers on the island could have benefited in the transaction via easements. I think you mentioned before that there was no information on that available?
- 24 A (Lajoie) I did research that. I can go back and

Q

verify with our Real Estate group, because they do file all easements that are -- that are obtained. And, you know, obviously, they're filed with the local Deed -- Registry of Deeds. So, I can go back and look at all that information.

I was looking through the project documentation, and couldn't find anything that indicated easements had been purchased from the island people. And my recollection of discussing the project with the person who was managing the project, were that -- or, my recollection is that we were able to get agreement from the landowner on the island for the cable termination, as long as it ended in the same spot, and was actually placed a little bit further from shore, without having to purchase an easement.

But, if you would like, we certainly can go back and check into all easements that we have on the island?

Yes. Thank you. I mean, I think the challenge is that, you know, we have a project that was originally estimated at 360K, ended up being, you know, something closer to 2 million. And, from,

you know, a prudency perspective, we're just trying to gather the information.

2.

1.3

2.2

And, so, maybe what we can do, as I look at the various pieces of information, is to -- is to make a record request to understand what the diesel cost would have been, because I think that looks viable.

Solar, I was thinking actually of rooftop solar. I mean, you could basically have had rooftop solar on every house, with a battery, for roughly the same cost, though that doesn't improve the picture. It makes it sort of a parallel. But give the Company an opportunity to talk about what the alternatives would have been, any comments that you'd like to make on environmental concerns.

And then, to your point, too, I think, balance that out with, you know, did any customers benefit via easements, and to sort of bundle that all into a record request, to give the Company an opportunity to put their case forward.

Does that make sense? Anything, any comments on that request? Or questions?

```
1
         (Lajoie) The request for the cost of a diesel
 2
         installation, I mean, 24/7/365, maintaining a
 3
         diesel plant on an island, it would most likely
 4
         be a pretty significant estimate as to what that
 5
         would cost. And, you know, these are homes that
 6
         are inhabited year-round. So, --
 7
    Q
         Yes. That might work -- that might work in your
 8
         favor. But, yes, just, you know, from a
 9
         Commission standpoint, we're looking at, you
10
         know, a project that was estimated at 360, it
11
         cost a lot more. So, from a prudency
12
         perspective, I'm just trying to give the Company
13
         an opportunity to put forward the facts, to
14
         understand why, you know, the nearly $2 million
15
         is reasonable. That's all. So, --
16
         (Lajoie) We will certainly comply and provide
17
         that record request, yes.
18
         Thank you. All right. So, that's all the
    Q
19
         questions that I have on Welch Island.
20
                    If I move to I'm going to call it the
21
         "Pemi" case, if the design -- where I want to go
22
         on this is that, you know, when we look at how
23
         utilities are paid, in terms of cost of capital,
24
         return on equity, return on debt, return on debt
```

is grounded in, you know, risk-free returns, and return on equity means that those projects have some risk associated with them, and things sometimes don't turn out the way that you planned.

And I, myself, am a former design engineer, so I can appreciate that things sometimes and often do go wrong. So, I fully appreciate, I think, the situation in things don't go always as smoothly as you want.

And what I want to go to on this is, if the design was done correctly, if it was done right the first time, if everything would have fallen into place, is that the \$4 million number that we were looking at before? Is that approximately correct? I noted that there was an error in the indirect costs. So, I think that would probably need to be adjusted. But, outside of the indirect adjustment, is that correct? (Plante) No, not exactly. The correct number for if all things went well, without any errors, would have been the -- on Bates 026, Row 19, that's the -- oh, my God, my eyes are killing me here, the 6.8 number.

```
1
         I'm sorry, the which number?
 2
         (Plante) The 6.8, which was in the First
 3
         Supplemental Funding Request that we did not
 4
         fully approve, because that --
 5
         Okay. Can you -- I'm sorry. If you wouldn't
 6
         mind orienting me on the exhibit and the page
 7
         number please?
 8
         (Plante) Oh, boy. Let me try.
         No, take your time. It's just important to get
 9
    Q
10
         the documentation right here.
11
         (Plante) So, on Exhibit 62, Bates 026, I'm not
    Α
12
         quite there yet either. Bates 26, Row 19, or
13
         Line 19, in Column A-u -- oh, my God. I'm
14
         looking at it sideways, but the line is in
15
         landscape view here -- Column J, there's a number
16
         there of 6.8 something or other. And that is the
17
         value of the initial, I hate using a word like
18
         "initial", the First Supplemental Request Form
19
         that was submitted and approved in June of 2020
20
         through EPAC, but not fully approved in
21
         PowerPlan. So that one proposed to take the
22
         authorized amount from 4.1 million to 6.8
23
         million. And, so, that was an increment of 2.7.
24
         And, of that, the lion's share was overheads.
```

Q

So, there was 800,000 of direct costs increase, and, you know, 1.9 of indirect costs, so overheads and AFUDC. So, that 800,000 increase in direct costs was by and large the control house expansion that we talked about earlier today, and along with a little bit of costs for the animal protection equipment that was installed and, you know, little things, but it was mostly the control house expansion.

So, that would have brought the total request to 6.8. And, as I mentioned earlier, had we been following our current authorization process, we would have incorporated that 6.8 number in our full funding request, because we would have already known about the control building expansion needs, we already would have known about the animal protection, we already would have known about the total overheads, and the fact that we also delayed the in-service date by a little over a year, which compounds the AFUDC.

Okay. Thank you. And how does that 6.8 million compare to the final -- the final bill? Was it 7.9 or something? I'm not sure I have that handy

```
1
         here.
 2
         (Plante) 7.7.
 3
         7.7?
    0
 4
         (Plante) Yes.
 5
         Okay. That's the 900,000. Okay.
 6
         (Plante) Yeah.
 7
         Okay. Thank you. All right. And the only other
 8
         question I have on this one was, could someone
 9
         maybe just give a high-level overview of what
10
         exactly caused the phasing error?
11
         (Plante) I can try. I don't -- I wasn't on-site.
         I'm not a testing and commissioning expert by any
12
13
         means.
14
                   But, during the test energization
15
         process to energize the transformer, there were
16
         probably sixty-ish or so switching steps that are
17
         involved with doing that. Each step would have
18
         some involvement of the testing team, to validate
19
         that the thing that they're expecting to see for,
20
         you know, voltages in various areas are as
21
         expected.
22
                   And, at some point, when we were
23
         validating voltages at the Synch Scope, they
24
         detected that they were not getting what they
```

```
1
         should have been getting. And that gave them
 2.
         enough information to say "We can't go forward,
         because we have an error somewhere."
 3
 4
                   And I lost Commissioner Goldner.
 5
                   CHAIRWOMAN MARTIN: We actually lost
 6
         you by video again, Mr. Plante.
 7
                   WITNESS PLANTE: Eh. I'm sorry.
                   CHAIRWOMAN MARTIN: Hold off for a
 9
         minute, maybe you will reappear.
10
                   WITNESS PLANTE: I hope, but can't
11
         guarantee.
12
                   CHAIRWOMAN MARTIN: Let's go off the
         record for a moment until we see if it does.
1.3
14
                    (Off the record discussion ensued.)
                   CHAIRWOMAN MARTIN: Let's take a
15
16
         five-minute recess while he does that and come
17
         back. I don't expect that it will take more than
18
         an hour on questioning.
19
                   Okay? Come back about 12:40 to
20
                   Thank you.
         restart.
21
                    (Recess taken at 12:33 p.m. and the
2.2
                   hearing resumed at 12:43 p.m.)
23
                   CHAIRWOMAN MARTIN: Okay. Let's go
         back on the record. Commissioner Goldner.
24
```

BY COMMISSIONER GOLDNER:

Yes. We were just -- Mr. Plante and I were just trying to sort out this phasing error. And maybe, Mr. Plante, I could maybe put it a little bit differently. And, if you don't know the answer to that, that's okay. We can make it a record request.

But what I was really trying to get at was, the root cause of the phasing error, was there, you know, usually companies go through a root cause analysis and sort out what happened, and, you know, have kind of a written report, "Hey, we spent the next million or two or three million dollars, because this happened or that happened."

Was there a root cause analysis done on this? And I'm specifically interested in, you know, was it a hardware issue? Was it a software issue? That's kind of where I'm going.

(Plante) So, we did not perform a specific root cause type of analysis here. We certainly did evaluate where the error was in the engineering. So that, I mean, if you were to look for a root cause, I think everybody can pretty much agree

that there is an engineering shortcoming here 1 2 that we discovered during the testing process. 3 But, no, we did not perform a detailed 4 root cause analysis. We don't feel that there 5 was a hardware or software issue that caused or 6 contributed to this issue. 7 Q Okay. So, I'm just trying to make sure I 8 interpret it right. It's really -- you would 9 characterize this as a "design" issue? 10 (Plante) Yes. 11 COMMISSIONER GOLDNER: Okay. Okay. 12 That's all I was trying to get at. Okay. Very 13 good. Thank you, Mr. Plante. 14 And my last, maybe, you know, question 15 or comment is really directed at Mr. Buckley, who 16 I know is not a witness. But, Mr. Buckley, will 17 you be addressing in your closing the sort of 18 eight or nine year gap on this taps issue, 19 between when Eversource stopped doing it one way, 20 and the Audit Report that highlights that that's 21 a concern or an issue? Is that something you 22 will be able to address in your closing? 23 MR. BUCKLEY: Yes, absolutely, 24 Commissioner Goldner. I will address that in my

```
1
         closing.
 2
                   COMMISSIONER GOLDNER: Thank you.
 3
         Thank you, sir. Okay. That's all I have,
 4
         Chairwoman.
 5
                   CHAIRWOMAN MARTIN: Okay. Thank you.
 6
    BY CHAIRWOMAN MARTIN:
 7
         A quick question on one of the specific projects,
 8
         on, I believe, red Bates 027, Line 55, of Exhibit
              There's one project called "Emerging Capital
 9
10
         Security". If someone could just describe that
11
         project and what it entails for me please?
12
         (Menard) Would you be able to repeat the Bates
13
         Page number?
14
         I believe it was Bates 027. Let me go back and
15
         double check. It's the second page. And it is
16
         Exhibit 62.
17
    Α
         (Menard) Yes. I see that. Line 55?
18
         Line 55.
         (Menard) Unfortunately, I don't have the detail
19
    Α
20
         behind this. It is a project related to
21
         information technology. I don't have the detail
22
         handy, but we could certainly follow up.
23
    Q
         Okay. If no other witness does, then I think
24
         that would be a record request for the Company.
```

```
1
          (Menard) And are you looking for a general
 2
         description of what the project is?
 3
    0
               It's not -- it's not very clear from this
 4
         what it involves.
 5
                    (Short pause.)
 6
    BY CHAIRWOMAN MARTIN:
 7
         Okay. Thank you. We heard some testimony
 8
         earlier today from Mr. Lajoie about the process
 9
         for approval, and Mr. Kreis raised the issue
10
         related to some testimony about projects being
11
         authorized "any time of the year". And Mr.
12
         Lajoie had explained that a lot of times there
13
         are later projects involving emergency
14
         replacement or unforeseen circumstances. I'm
15
         wondering, Mr. Lajoie, if there are any of those
16
         in this step increase request? And, if so, can
17
         you point us to the justification form for those
18
         that is in the exhibit? And, if not, can you
19
         provide that to us as a record request?
20
         (Lajoie) Yes. We can certainly provide that.
21
         I'm just quickly scanning through, and I don't
22
         see anything that's an emergency replacement
23
         here. But, rather than depending on my ability
24
         to read quickly, we will do that through an
```

1 information request. 2 CHAIRWOMAN MARTIN: Okay. And I apologize for the delay, I just keep track of 3 4 what we have for record requests. So, that would 5 be identifying those and providing any related 6 justification form, as you described? 7 WITNESS LAJOIE: Yes. BY CHAIRWOMAN MARTIN: 8 Okay. Going back to the submarine cable project, 9 10 with the \$360,000 initial estimate. Given the 11 significant disparity, I am wondering what 12 vetting is done, and maybe this has changed, we heard Mr. Plante reference a change in process, 1.3 but does the EPAC look to determine whether it's 14 15 a reasonable estimate? And a second question on 16 that is who is on the EPAC? What are their 17 qualifications? 18 (Lajoie) Because this was a distribution line Α 19 project, and it was reviewed by the New Hampshire 20 PAC, which is a local New Hampshire group, as 21 opposed to the EPAC, which is a tristate group. 2.2 The EPAC looks at substation and transmission 23 projects. Distribution line projects are 24 reviewed within the -- within the individual

1 state Project Authorization Committees, PACs. 2 We can certainly provide you a list of 3 the members who are on the New Hampshire PAC 4 committee. 5 I think I'm less interested in their specific identify as to -- and more as to how their 6 7 qualifications are determined. And, 8 fundamentally, it's a bit surprising that there could be an estimate for \$360,000 that would be 9 10 approved in the scenario we're hearing, where the 11 scope really doesn't change, and this involves 12 submarine cables to an island. 13 (Lajoie) So, the members of the committee, and 14 it's composed of managers and directors of 15 various groups within the Company; Substation 16 Operations, Field Operations, System Planning. 17 I'm kind of the Chairman of the committee. Field 18 Engineering is another group that the director is 19 a member of the committee. We have a manager 20 from Planning and Scheduling, and so forth. 21 So, you know, it's people with a wide 22 variety of backgrounds and experiences within the 23 Company who are reviewing the projects, and 24 determining whether the project is justified or

1 not.

And then, your next question was, I'm sorry?

- That's fine. So, you're the perfect person for this question. Can you describe the process, if there is an estimate that the PAC would think was unreasonably low, how would that be addressed?
- A (Lajoie) In general, when people come in with projects, we review the documentation. We're looking for things like "what is this estimate based on?" This one that we're talking about was from 2016, and prior to my direct involvement at that, you know, in 2016. We're looking for, you know, "How was this estimate derived?" "What is it based on?"

And, over time, I can tell you the committee has gotten of -- better at pushing back and making sure that it is, in fact, based on a bid, you know, that we can put our hands on.

That it's based on something that's been designed within our work management system. We've had changes to the work management system over the years, and have had some problems where the estimating function wasn't working very well, but

at the moment it is. Those tend to be the more normal work for us, you know, building a pole line or building an underground line. Submarine cables, since, as I mentioned, I think, it really is nothing that we do on a regular basis, would be one of those items that should be sent out to bid.

The original form, as we discussed I think earlier, didn't have a basis for the cost estimate of 360,000. Looking back on it now, I would hope that we would stand up and say that "this doesn't really look right, it looks pretty low."

But, again, without having had any experience with submarine cable in the recent past, the last one that I was involved in was probably in the late 1980s, on Newfound Lake. Without having any recent experience on submarine cable installation, you know, I would hope that we would get -- today, I feel confident that we would have the bid in front of us, to be able to be sure that the cost is based on something that, you know, it's cast in concrete.

Thank you for that. We've heard a couple times

1 that there's been a change in process. 2 that occur? 3 Α (Lajoie) There's been multiple changes in 4 process. A lot of them have occurred as we 5 progressed through the rate case and subsequent hearings. I think, well, perhaps some of our 6 7 documentation had been lacking previously, and 8 that was pointed out to us as part of this whole 9 process. So, we've gotten a lot better at 10 providing or establishing better documentation 11 requirements as time has gone on. 12 I'll just briefly turn to Mr. Plante, because I 13 think that you had mentioned a couple times that 14 there is now engineering requirements related to 15 the approvals and additional details. Was that a 16 single change that you were referring to? 17 that a series of changes since 2016? 18 (Plante) I would say it's a series of changes Α 19 that have been put in place over the past couple 20 of years. Some of them are based on learnings 21 that we've taken away from this rate case. 22 Others are from learnings that we've taken 23 throughout the three-state enterprise. For 24 instance, a now formalized process for performing

both substation and line constructability would be used. We had a three-state group pulled together of subject matter experts, as part of an initiative, an initiative to define the things that we should be looking at or looking for at various stages of project development, so that we can effectively progress the design and estimating those projects. It's eliminating, we're never going to eliminate everything, but minimizing the things that crop up later on in the process.

So, part of our approval requirements now are to, in addition to submitting a PAF, Project Authorization Form, we need to submit a constructability review document, which is a pretty detailed assessment, the existing conditions, and questions and check boxes that you need to evaluate. Project schedule is another requirement for the project approval through EPAC. Process of schedule never changes, but it demonstrates that your project estimate is based upon some boundaries in time, as well as some boundaries in outage claim.

need for outages to complete the construction? 1 2 Have we talked to our Control Center and gotten 3 feedback from them, that, yes, they feel that we 4 can -- we can be granted those outages, or, "no 5 you can't", or, "yeah, you can have it in the 6 spring, but not in the fall." You know, those 7 types of kind of objective evaluations of, you 8 know, whether our thoughts on how the project 9 might unfold are, in fact, reasonable. 10 Okay. Thank you. Do you know specifically when 11 the engineering requirement was added? 12 (Plante) What we -- I don't remember exactly the 13 date, but I would probably say, like, two 14 years-ish ago, where we were looking to have the 15 engineering advanced somewhere near the -- what 16 we would call -- what we used to call the "70 17 percent stage", so that we could then start 18 talking to contractors about construction costs. 19 CHAIRWOMAN MARTIN: Mr. Fossum, I just 20 want to clarify for the original record request I 21 had, it relates to the planning and this approval 22 process. That it sounds like there is a current 23 approval process in place, it would be helpful to 24 understand that.

```
1
                   MR. FOSSUM:
                                 Understood.
 2
                   CHAIRWOMAN MARTIN: Okay.
 3
                   MR. FOSSUM: And I believe the
 4
         documents in the LCIRP filing that we can provide
 5
         would speak to both the approvals -- both of
 6
         those issues, but we'll find that.
 7
                   CHAIRWOMAN MARTIN: Okay. Thank you.
    BY CHAIRWOMAN MARTIN:
 8
              We heard some testimony related to the
 9
10
         approval in this, I believe it's the same
11
         project -- nope, it's in the Pemi project. And
12
         the EPAC, I believe, was involved in the
1.3
         subsequent approval of that project, is that
14
         right? Did I understand that right? I think
         that was Mr. Plante.
15
16
         (Plante) Yes. EPAC is the approval body for
17
         major substation projects. And that's a
18
         three-state organization, and it's chaired by the
19
         Director of Asset Management. And it's comprised
20
         pretty much of all of the directors of the -- in
21
         the areas of our Company. The various
22
         engineering directors, operations directors,
23
         community outreach directors, you know, some
24
         pretty broad spectrum of expertise.
```

```
1
         I thought I understood you to testify that that
 2
         approval ultimately came in April of 2021.
 3
         this project that we're being asked to approve
 4
         here was placed in service in 2020. Can you help
 5
         clarify that for me?
 6
         (Plante) Yes. So, the final approval of the
 7
         supplement did come through in late -- or, early
 8
         2021. And that's -- yes, as I mentioned earlier,
 9
         we had a Supplemental Funding Request that was
10
         routing for approval, but we stopped in the fall
11
         when we discovered we had this problem with the
12
         Synch Scope. And, at that point, we began
13
         gathering the additional information that was
14
         required to, you know, get a good understanding
15
         of what the, you know, the total impact of that
16
         event was. And it just took a little bit of time
17
         to gather all that stuff. And I think it was
18
         early -- looks like mid January that we were able
19
         to finally get the document put together and
20
         submit it to EPAC. And then, they approved it in
21
         April, and then it went through the PowerPlan
22
         approval process subsequent to that.
23
         It's my understanding that was a retroactive
24
         approval or am I misunderstanding the testimony?
```

```
1
          (Plante) No. You're understanding it kind of
 2
         correctly.
 3
    Q
         Okay. Thank you. Just wanted to make sure.
 4
         also heard, related to the Pemi project, that,
 5
         and heard some more through Commissioner
 6
         Goldner's questions, that the vendor -- that
 7
         there was an error, an engineering error, and
         that the vendor essentially did not charge for
 9
         the engineering related to addressing that
10
         problem.
11
                    There were questions related to whether
12
         there was the ability to hold them liable to a
1.3
         greater extent. And part of your testimony in
14
         response was that there were contractual
15
         limitations on that, which I understood, but then
16
         also the internal engineering accountability
17
         related to that as well.
18
                    Is there any accommodation reflected in
19
         the step increase or in the cost for the project
20
         to account for the Eversource engineering --
21
         internal engineering issues?
22
    Α
         (Plante) I'm not sure I understand your question.
23
         I thought I understood, or I assumed from what
24
         you were saying, that there was some
```

```
1
         responsibility for the issue that fell on
 2
         Eversource, related to the review and not
 3
         catching that error. And, so, I'm wondering if
 4
         there is some accommodation for that reflected in
 5
         the numbers before us?
 6
         (Plante) Okay. So, yes. Our internal
 7
         engineering folks were involved with the reviews
 8
         and whatnot, the various design deliverables.
         And I guess, in terms of "accommodation", you're
 9
10
         asking did we include the total cost of the
11
         internal engineering, that involvement, after
         that event was discovered?
12
13
         Yes.
    Q
14
         (Plante) And my answer is "No." We have included
15
         all of the costs that our engineering folks have
16
         incurred for most of the project in this, in this
17
         filing. I think that's correct. Right, Erica?
18
         Okay. Thank you. I have a question for Ms.
    Q
19
         Menard related to the change in the policy in
20
         2012. You noted that you had changed the
21
         accounting policy of the Company in 2012. I'm
22
         wondering if that was based upon a change in the
23
         language of the FERC rule or whether that was
24
         just a change in the policy internally, not based
```

```
1
         upon any change in the rule?
 2
         (Menard) If I'm recalling correctly, I believe it
 3
         was around the time of the merger between NSTAR
 4
         and Northeast Utilities. That there was a review
 5
         of policies between the companies. And I believe
 6
         it was made at that time.
 7
    Q
         Okay. So, you're not aware of any change in the
 8
         language by FERC?
 9
         (Menard) I'm not aware of any.
10
         Okay. Thank you. Probably also a question for
11
         Ms. Menard.
12
                   The Audit Report that we have as an
13
         exhibit today said that "the Company has not
14
         responded sufficiently", and that was dated
         "February 1, 2021". Has the Company provided a
15
16
         further response to the Audit Division?
17
    Α
         (Menard) Could you direct me to which audit
18
         issue?
19
         Let me see if I can find the page. Okay. I
    Q
20
         think I have it. It is Exhibit 63, at Bates Page
21
         003, Audit Issue Number 1. It said "To date, the
22
         Company has not responded sufficiently."
23
                   Since that date, has the Company
24
         provided a further response?
```

```
1
          (Menard) I believe the Company has provided the
 2
         response. And it's hard to tell from that
 3
         sentence whether the "to date" is referring to
 4
         "February 1st" or whether it was part of the
 5
         original audit, like a draft report or something.
 6
                   From the Company's perspective, we
 7
         believe we have provided a response.
 8
         Are you aware of whether the Company has provided
 9
         a response since February 1st, 2021?
10
         (Menard) I don't believe there's been any further
11
         discussions. I was just trying to recall when
         our step hearing last was. Outside of -- if I
12
13
         could just take a second to look?
14
         Go ahead. An easy way to deal with this may be
15
         that, to the extent the Company has provided a
16
         further response after February 1, 2021, or if,
17
         as you suggested, this is a remnant from a draft,
18
         a response after that draft date, if you could
19
         provide that as a record request, that might be
20
         the most simple way to handle it.
21
         (Menard) Yes. I'm just looking, and the last
    Α
22
         responses that we had were those Staff data
23
         Requests 17 and 18 sets.
24
                   We have had further discussions as part
```

```
1
         of this step adjustment, where the Company has
 2
         provided, in Set 19, which is Exhibit 64, there
 3
         have been further -- further information
 4
         provided. And those are the only items, as part
 5
         of this particular issue, that have been
 6
         responded to by the Company.
 7
         Are you aware of any -- this exhibit notes this
    Q
 8
         to be the "Final Audit Report". Are you aware of
         any subsequent versions of this? And I'll ask
 9
10
         the same of Mr. Buckley.
11
         (Menard) I am not aware of anything beyond this
    Α
12
         Final Audit Report. I don't know if the
13
         Regulatory Support Division has anything.
14
                   MR. BUCKLEY: No. I would just echo
15
         what Ms. Menard just said.
16
                   CHAIRWOMAN MARTIN: Okay. Then, Ms.
17
         Menard, I will just ask that you confirm that
18
         there is no further response related to this,
19
         and, if there is, provide it in a record request.
20
                   WITNESS MENARD: Certainly.
21
                   CHAIRWOMAN MARTIN:
                                        Thank you.
2.2
    BY CHAIRWOMAN MARTIN:
23
         Okay. Once last question. It's my understanding
24
         that any amount approved in this step increase
```

```
1
         would also be reconcilable based on a subsequent
 2
         audit by the Department of Energy Staff. Is the
 3
         Company in agreement with that?
 4
         (Menard) Yes.
 5
                   CHAIRWOMAN MARTIN: Okay. Thank you.
 6
         I have no other questions.
 7
                   Mr. Fossum, redirect?
                   WITNESS MENARD: Yes. If we could just
 8
 9
         follow up on the question that you asked,
10
         Chairwoman Martin, on that "IASC2003" project?
11
                   CHAIRWOMAN MARTIN: Okay. Go ahead.
12
                   WITNESS MENARD: We were able to find
13
         some information about that that hopefully should
14
         answer your question.
15
                   CHAIRWOMAN MARTIN: Okay.
16
                   WITNESS MENARD: Mr. Devereaux can
17
         respond to that.
18
                   WITNESS DEVEREAUX: Thank you, Erica.
19
               It's security equipment used in our work
20
         centers for the 2020 year. There was a camera
21
         added in the Derry Work Center, the Hooksett Work
22
         Center, Rochester, Energy Park, and Chocorua,
23
         along with a satellite phone for Energy Park in
24
         Manchester. These are all for security purposes.
```

```
1
                    CHAIRWOMAN MARTIN: Okay. Thank you
 2
         for that.
 3
                   WITNESS DEVEREAUX: You're welcome.
 4
                   CHAIRWOMAN MARTIN: All right.
 5
         Mr. Fossum.
 6
                   MR. FOSSUM: Just before I -- I think I
 7
         only have a couple of questions. But, before I
 8
         do that, you had left us with a record request on
 9
         this "Emerging Capital Security". And I believe
10
         that's what Mr. Devereaux was just explaining.
                   Do you still want a record request
11
12
         response or was that sufficient?
1.3
                   CHAIRWOMAN MARTIN: That was
14
         sufficient. Thank you.
15
                   MR. FOSSUM: Thank you.
16
    BY MR. FOSSUM:
17
         And, in the hope of potentially addressing
18
         another record request, Ms. Menard, could you
19
         please look at Exhibit 63, Page 15?
20
         (Menard) Yes. I'm there.
21
         In the middle of that page, do you see the
22
         sentence "To date, the Company has not responded
23
         sufficiently", under the bolded heading "Issue"?
24
         (Menard) Yes. Yes, I do.
    Α
```

```
1
         Is the information that follows after that the
 2
         Company response that begins at the bottom of
 3
         Page 15 and continues on? Is that additional
 4
         information that was provided subsequent to that
 5
         issue being identified?
 6
         (Menard) Yes. That is my understanding.
 7
         So, would it be correct to say that that
    Q
 8
         identification of information that "was not
         sufficient" was then filled in with additional
 9
10
         responsive information that was included in the
11
         audit?
12
         (Menard) Yes. That is -- that would be my
13
         assertion. I cannot state, from the Audit
14
         perspective, though, if that relieves their issue
         related to the "To date, the Company has not
15
16
         responded sufficiently."
17
                   From our perspective, that is our
18
         response. And that response that you identified,
19
         coupled with some attachments at the end of the
20
         Audit Report, are responses to that issue. And,
21
         so, we believe we responded sufficiently. But
22
         there has been no further discussions with Audit
23
         or the Department of Energy Staff on the topic.
24
                   And, if I recall from the last step
```

```
adjustment hearing, there was some discussion on
 1
 2
         the topic. If I were to go to the transcript, I
 3
         think we talked about, you know, the issue being
 4
         discussed in more detail during the business
 5
         audit process review.
 6
         So, my understanding, just to wrap this up, my
 7
         understanding from what you're saying, that some
 8
         responsive information was given, a report was
         issued, and it was your expectation there would
 9
10
         be some additional discussion or deliberation on
11
         the various issues, and that has not happened?
12
         (Menard) That's correct.
13
                   MR. FOSSUM: I think that was all that
14
         I wanted to clear up. Thank you.
15
                   CHAIRWOMAN MARTIN: Mr. Fossum, I'll
16
         keep that record request in place, because I
17
         would appreciate it if the Company would confirm
18
         that there have been no additional responses
19
         since the report came out. But, to the extent
20
         there aren't any, you just don't need to file
21
         them. I understand the clarification you just
         made. Okay?
22
23
                   MR. FOSSUM: Understood. So, then my
24
         understanding -- so then that response or that
```

1 request remains to confirm whether there have 2. been additional information. And, so, if there 3 has not, we will provide a response that says 4 that there has not. 5 CHAIRWOMAN MARTIN: Okay. Thank you. 6 Do you have any further redirect? 7 MR. FOSSUM: No. 8 CHAIRWOMAN MARTIN: Okay. Then, we 9 will -- we have already admitted Exhibit 63 and 10 64 as full exhibits. Is there any objection to 11 admission of Exhibit 62? (Atty. Buckley indicating in the 12 1.3 negative.) 14 CHAIRWOMAN MARTIN: Okay. Seeing none. We will strike ID on 62 and admit that as a full 15 16 exhibit as well. 17 And we are holding the record open for 18 Exhibit 65, regarding the planning and approval 19 process; Exhibit 66, regarding alternatives on 20 the submarine cable project; Exhibit 67, 21 regarding emergency or unforeseen project 22 approvals and related justification forms; and 23 Exhibit 68, regarding any additional responses by 24 the Company to the Audit Report.

```
1
                   Anything that I'm missing there?
 2.
         questions?
 3
                    [No verbal response.]
 4
                   CHAIRWOMAN MARTIN: Okay. Seeing none.
 5
         Anything else from you, Commissioner Goldner?
 6
                   COMMISSIONER GOLDNER: No.
 7
                   CHAIRWOMAN MARTIN: Okay. Then, we'll
 8
         take closing statements. And, Mr. Plante, you
         may be excused.
 9
                   All right. Starting with Mr. Kreis.
10
11
                   WITNESS PLANTE: Thank you very much,
12
         Chairwoman.
1.3
                   CHAIRWOMAN MARTIN: You're welcome.
14
         Enjoy your time.
15
                   WITNESS PLANTE: Thank you.
16
                   MR. KREIS: Thank you, Chairwoman
17
         Martin.
18
                   On behalf of the OCA, I wanted to thank
19
         everybody for a very interesting and informative
20
         hearing. And I want to confess that this hearing
21
         as brought me up short, in the sense that the OCA
2.2
         does not have the expertise to conduct the kind
23
         of thorough review of the prudence of the
24
         Company's capital expenditures, either this
```

Company or any other company. And we have historically relied on what used to be the Staff of the PUC, and what is now the Department of Energy, for their thorough analysis, and also the analysis that the Audit Division, of what is now the DOE, also conducts.

2.

1.3

2.1

2.2

With respect to the last colloquy, between Chairwoman Martin and the Company referencing Exhibit 63, looking at Page 18 of that exhibit, it appears to me that the Audit Division of the PUC did not back down from its concerns. And, so, therefore, I think the PUC should not back down from the concerns that both the DOE and the Commissioners from the Bench have expressed here.

I thought that all of the discussion of the Welch Island cable project was very interesting. And I'm glad to see that the Commission has left that issue open, in the sense of having interposed at least one record request, to try to figure out more about how that particular scenario went down. And I guess the same is true of the Pemigewasset Substation.

Just as a general process concern, I

start to get itchy, I guess, when there are so many important record requests that are left open at the end of a hearing, that I would imagine that there is a point at which the hearing record becomes so incomplete at the end of a hearing that the Commission should consider whether to reconvene the hearing, so that the responses to the record requests can be put in their proper context.

2.

1.3

2.1

2.2

I will look at whatever the Company circulates by way of responses, as I'm sure the DOE and the Commission will. And, I guess, at this point, I want to reserve the right to file a request that the Commission convene another hearing here.

Obviously, the Step 2 increase is part of the Settlement Agreement in the rate case, that I signed, and that the Commission approved. And I don't want to become an unhelpful impediment to that step increase being implemented on a timely basis. But I think there's a lot of unresolved — there are several significant unresolved issues here, as this hearing has demonstrated. And, for that reason,

I am not going to take a position at this time about whether the Commission should approve the Company's filing.

2.

1.3

2.2

And I note that it really is -- it is overall the burden of the Company to demonstrate the prudence of all of the expenditures that it seeks recovery of through this, or any other rate. And I'm not sure what -- I'm not sure what to ask the Commission to do here. So, ultimately, I take no position, at least not at this time.

Thank you. I think that's all I have to say.

CHAIRWOMAN MARTIN: Thank you, Mr.

Kreis. And I think you raise an important point that we need to cover, following up on your "leaving the record open", timing on the record requests. Given the timing related to this matter itself, when can the Company provide those responses?

MR. FOSSUM: I'm not sure. I believe the first one can be done very, very quickly, as likely can the last.

The two middle requests I'm less

certain of. I guess the big concern, from my perspective, is the second request, now held for Exhibit 66, is requesting a new analysis. I suppose I would look to somebody like, and I don't mean to put you on the spot, Lee, I don't know how quickly you could pull that together?

2.

1.3

2.2

WITNESS LAJOIE: I'm not sure. I think it depends, in large part, on the amount of detail we go to. But, if you're willing to accept estimates, you know, we can certainly get it done a lot faster. But, if I'm going to do it, it's going to be within two weeks.

MR. FOSSUM: I mean, I think -- I understand that this is sort of a hypothetical or, you know, an analysis of what things would have been, so I'm quite certain there will be some measure of estimation involved.

CHAIRWOMAN MARTIN: Mr. Fossum, for the three, other than, let's see, we've got Exhibit 66, which is the alternatives analysis, do you expect that those could be submitted by, say, Thursday of this week? I know that's a short turnaround. But I would think that even Exhibit 67, regarding the emergency or unforeseen

1 approvals, that's information you have in your 2. system, and you should be able to pull that 3 together pretty quickly. MR. FOSSUM: I don't disagree with 4 5 It would be a matter of just identifying 6 them, and then doing that. So, I don't imagine 7 that would take a very long time to do. So, for those three, subject to somebody correcting me, I wouldn't see an issue 9 10 of getting them in by Thursday. 11 CHAIRWOMAN MARTIN: Okay. Let's say 12 Thursday. If you have an issue with the one, 1.3 please file something letting us know. 14 Just a minute. I'm going to go off the record for one moment. 15 (Chairwoman Martin conferring with 16 17 Commissioner Goldner.) 18 CHAIRWOMAN MARTIN: Let's set the 19 deadline for the other one for next Tuesday, the 20 20th. And, if the Company is not able to meet 21 that deadline, if you can file something as soon 2.2 as possible letting us know. 23 MR. FOSSUM: Understood. 24 CHAIRWOMAN MARTIN: Thank you. And,

150

```
1
         before we move on to Mr. Buckley -- oh.
                   MR. FOSSUM: Before that, you said,
 2.
 3
         wait, I just now wrote down, --
                   WITNESS LAJOIE: For clarification --
 4
 5
                   MR. FOSSUM: -- you said "Tuesday, the
 6
         20th". Did you mean "Tuesday, the 27th"?
 7
                   CHAIRWOMAN MARTIN: I did. Thank you
 8
         very much for clarifying.
                   Okay. And, Mr. Kreis, I also wanted to
 9
10
         respond to your concern about when there are
11
         significant record requests, and the record is
12
         left open. And I a hundred percent agree with
1.3
         that concern, and share it at times.
14
                   And, so, to the extent there is a
15
         desire by any party to be heard on anything that
16
         does come in, please do plan to file something
17
         and let us know that.
18
                   MR. KREIS: I appreciate that, Madam
19
         Chairwoman.
20
                   CHAIRWOMAN MARTIN: Okay. Thank you.
21
         And on to Mr. Buckley.
2.2
                   MR. BUCKLEY: Thank you very much,
23
         Madam Chair.
24
                    Teeing off the timing considerations
```

that the Consumer Advocate brought up, it occurs to me that, at least sort of administrative matterwise, if I were still at the PUC -- representing PUC Staff, I might ask for a rushed transcript for this proceeding. But that is no longer my role. I'm not going to do that. But I'll just maybe note that for the folks in the room.

2.

1.3

2.2

So, in closing, the Department of Energy's Regulatory Support Division has conducted an extensive and detailed review of the accuracy of the proposed rates as filed and the projects the Company has requested for recovery in the instant proceeding. We continue to have concerns about project cost overruns that occur between the planning stage and when a project is closed to plant, but look forward to reviewing the recommendations of the business process audit for how such cost overruns could be avoided and initial project planning might more accurately reflect actual project costs.

In the case of the Pemigewasset

Substation, the Regulatory Support Division

recommends the Commission direct the Company to

remove at least the \$911,000 cited at Exhibit 64,
Bates 056, the amount the Company witness
identified as "consequential damages" relating to
the error of its third party consultant.
Ratepayers should not be on the hook for
incremental costs associated with the errors of a
third party consultant.

2.

1.3

2.1

2.2

Furthermore, in light of the Audit
Division recommendations, we also continue to
have concerns about the accounting treatment of
the load tap changer controllers, which we think
inaccurately accounts for their maintenance as a
capital addition, rather than simply an expense.
And would recommend that the Commission direct
the Company to remove, from this year's step, and
at least last year's step, that which the Company
has agreed would be subject to reconciliation,
based on the Audit's recommendations.

As expressed by the Company witness, the replacement is clearly done during the maintenance of a larger apparatus, with a longer average service life, similar to the replacement of a faulty distributor cap on my car.

We also continue to have concerns over

the Company's treatment of damaged property, and encourage the Commission to take a hard look at this issue. The Audit Division recommendations, and the diminished incentive the Company would have to collect police reports in a timely manner, if it were to continue to book gross plant associated with these accounts credited for depreciation, rather than booking net plant, consistent with the Audit Staff's recommendation, as it considers the Company's request.

2.

1.3

2.1

2.2

Having said all of that, in summary, the Regulatory Support Division views the projects requested for recovery in this step as used and useful, their costs as prudently incurred, the rates proposed as just and reasonable, and recommends their approval by the Commission, subject to subsequent audit, but also subject to the following caveats: As far as the Pemigewasset Substation, we recommend non-recovery of the Company characterized -- of what the Company characterized as the incremental costs of \$911,000. As far as the LTCs, we recommend the Commission direct, on a going forward basis, reversal of the Company's 2012

decision on treatment of LTCs, recommend the

Commission direct their removal from this step,

and recommend that rates be reconciled to reflect

a removal of LTCs from at least the last step,

consistent with the Audit's recommendation, and

the Company's agreement during the last step

hearing. And, finally, we ask that the

Commission act on findings — on the findings on

the expertise and on the recommendations of the

Audit Division's report, related to accounting

for damaged property, rule on the matter within

this step increase, and reconcile treatment of

the issue during last year's step increase.

Thank you.

CHAIRWOMAN MARTIN: Thank you, Mr.

Buckley. And Mr. Fossum.

2.

1.3

2.2

MR. FOSSUM: Thank you. I'll start, as I often do, sort of general, and I'll get more specific.

In general, the Company does support its filing as made, and believes that the projects that are identified were reasonable and appropriate projects that were prudently managed, that the costs were prudently incurred, and

should be recovered fully, and that the rates calculated consistent with them are just and reasonable and should be approved as filed.

4

5

6

7

9

10

11

12

1.3

14

15

16

17

18

19

20

21

2.2

23

24

With respect to a few of the specific issues, and one of the things I quess I'll speak to is is an issue that has come about, the timing and the need for some additional information. Ms. Menard had indicated in her testimony, some of the items in the Audit Report, they were known, you know, many months ago, and were to be subject to further discussions that she has testified haven't happened, but we'll confirm that by the record request, but that is the testimony that you've heard. So, and our understanding, therefore, was that some of these issues were to be discussed further, and handled in a different way, and not borne out in the relatively tight timeline of a proceeding like this.

Getting to some of the more specific issues, the Department of Energy Staff has just recommended removal of costs associated with the Pemigewasset Substation project. And, as you heard Mr. Plante testify today, those \$911,000

that were identified came about because testing did exactly what it was that testing was supposed to do. It revealed an issue that needed to be addressed before an incredibly expensive piece of equipment, serving many customers, went into service and potentially resulted in some kind of a catastrophic failure. The cost that came from that were not inherently unreasonable. They were the byproduct of a proper process working properly.

2.

1.3

2.1

2.2

The fact that the Company is unable to recover all of the costs of that from a third party is not an indication that those costs were imprudent or unreasonable. And we would put forth that the project should be approved as it has been filed.

With respect to the load tap

controllers issue noted in the audit, those, as

Ms. Menard testified to, those load tap

controllers have been capitalized now for many

years, including at the time of the rate case

that was just completed. Meaning that those were

capital items at that time and factored into the

Company's revenue requirement as such at that

time. To change their handling afterward, when they have been handled in a particular way for nearly a decade, and through the Audit Staff's review in a rate case, seems unreasonable and inappropriate.

2.

1.3

2.1

2.2

There may be room for reasonable disagreement about the meaning of a FERC regulation. And, clearly, that disagreement exists. It would be our position that this is a continuing disagreement that has yet to be resolved, and is not a basis to call for the removal of a number of cost items that have been appropriately included.

On the issue of insurance recoveries, the Department of Energy Staff's position seems to assume that recovery of costs from damage causers is a given. And that only the net plant should be involved, because at some level the dollars will be recovered. And, as you've heard Ms. Menard testify, that isn't the case. There is no diminished incentive on our part to recover those dollars.

When damage is done to our system, that doesn't create a blank check for us to build

whatever we like and whenever we like, regardless of the cost or its utility. We replace the equipment that's damaged, credit the work orders appropriately, and we account for the cost as Ms. Menard has testified. Nothing about any of that treatment is inappropriate or unreasonable. And, again, to the extent that there may be some further discussion to be had about it, we would welcome such further discussions, but don't believe it is appropriate, on the evidence that you have before you, to conclude that it's being inherently handled improperly. If there is a disagreement, I think there's room for us to talk about it.

2.

1.3

2.1

2.2

Also, as the DOE Staff noted, the business process audit would likely reveal some information about the way that the Company conducts its business, hopefully all positive, but likely that there are areas for improvement. And we are open to that improvement.

You have heard both Mr. Lajoie and Mr. Plante testify today about changes that the Company has made in last few years to improve its processes, to make its estimates more rigorously

evaluated, and to make sure that we're working with the fullest and most complete information possible, and that we are controlling the cost and scope and other issues on every project that we come across. We are open to making more changes as might be necessary.

2.

1.3

2.1

2.2

So, with that said, I believe it's fair to say that, on the evidence that you have before you, that the testimony you have heard and the information that's been presented, there is no evidence that indicates that these projects were improper or imprudent, and the cost of them should be recovered, the rates as calculated and shown in the testimony should be approved as filed, and we request that the Commission do so.

With that said, we will look to provide the record requests as quickly as we can, and give the Commission a complete record upon which to make its decision. Thank you.

CHAIRWOMAN MARTIN: Okay. Thank you, everyone.

With that, we will close the record, other than for the record requests that we left

```
open, and adjourn this hearing. Have a good rest
 1
          of the day.
 2
                     (Whereupon the hearing was adjourned at
 3
                     1:40 p.m.)
 4
 5
 6
 7
 8
 9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
```