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1	STATE OF NEW HAMPSHIRE	
2	PUBLIC UTILITIES COMMISSION	
3		
4	April 20, 2021 - 1:02 p.m. [Remote Hearing Conducted Via Webex]	
5	[Remote hearing conducted via webex]	
6	RE: DE 21-049	
7	LIBERTY UTILITIES (GRANITE STATE ELECTRIC) CORP., D/B/A LIBERTY	
8	UTILITIES RELIABILITY ENHANCEMENT PLAN AND VEGETATION MANAGEMENT PLAN	
9	(Hearing)	
10		
11	PRESENT: Chairwoman Dianne Martin, Presiding	
12	Commissioner Kathryn M. Bailey	
13	Doreen Borden, Clerk Corrine Lemay, Webex Moderator	
14		
15		
16	APPEARANCES: Reptg. Liberty Utility (Granite State Electric) Corp., d/b/a Liberty Utilities	
17	Michael J. Sheehan, Esq.	
18	Representing Commission Staff: Paul B. Dexter, Esq.	
19		
20		
21	Court Reporter: Susan J. Robidas, NH LCR No. 44	
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24		

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4	JOEL RIVERA DAVID B. SIMEK		
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CHAIRWOMAN MARTIN: We're here this afternoon in Docket DG 21-049, which is the Liberty Utilities calendar year 2020 Reliability Enhancement Plan and Vegetation Management Plan results and reconciliation.

I have to make the necessary As Chairwoman of the Public findings. Utilities Commission, I find that due to the State of Emergency declared by the Governor as a result of the COVID-19 Pandemic, and in accordance with the Governor's Emergency Order No. 12, pursuant to Executive Order 2020-04, this public body is authorized to meet electronically. Please note that there is no physical location to observe and listen contemporaneously to this hearing which was authorized pursuant to the Governor's Emergency Order. However, in accordance with the Emergency Order, I am confirming that we are utilizing Webex for this electronic hearing. All members of the Commission have the ability to communicate contemporaneously during this hearing, and the public has

access to contemporaneously listen and, if 1 2 necessary, participate. We previously gave notice to the public of the necessary 3 information for accessing the hearing in the 4 5 Order of Notice. If anyone has a problem during the hearing, please call 6 7 (603)271-2431. In the event the public is 8 unable to access the hearing, the hearing will be adjourned and rescheduled. 9 We have to take the 10

Okay. We have to take the roll call attendance. My name is Dianne Martin. I am the Chairwoman of the Public Utilities Commission, and I am alone.

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Commissioner Bailey.

COMMISSIONER BAILEY: Good afternoon, everyone. Kathryn Bailey, Commissioner at the Public Utilities Commission, and I am alone.

CHAIRWOMAN MARTIN: Okay. Let's take appearances. Where are you? There you are, Mr. Sheehan.

MR. SHEEHAN: Good afternoon.

Mike Sheehan for Liberty Utilities, Granite

State Electric Corp.

1	CHAIRWOMAN MARTIN: Thank you.
2	And Mr. Dexter.
3	MR. DEXTER: Good afternoon.
4	Appearing on behalf of the Commission Staff,
5	Paul Dexter, Staff attorney.
6	CHAIRWOMAN MARTIN: Okay. Thank
7	you. And I don't see the OCA on this one. Is
8	that right?
9	MR. SHEEHAN: I checked the
10	docket, and they did not file a letter of
11	appearance in this one.
12	CHAIRWOMAN MARTIN: Okay. Thank
13	you.
14	All right. For preliminary
15	matters, I have Exhibits 1 and 2 prefiled and
16	premarked for identification. Anything else
17	we need to cover?
18	MR. SHEEHAN: Yes.
19	Unfortunately, I missed one exhibit and filed
20	it about a half an hour ago. It is a
21	correction to a few pages in the original
22	filing, and we will certainly talk about that
23	through the opening. I just got it in a short
24	time ago, and it is documents that were filed

1	in the docket book last week. So they were
2	provided to everyone last week, and I just
3	missed marking them as an exhibit. Otherwise,
4	there's nothing confidential in this
5	proceeding.
6	And the last question is we
7	have two sets of testimony, and my proposal
8	is to put them all up there at once and we
9	can not have to have two separate panels.
10	CHAIRWOMAN MARTIN: Mr. Dexter,
11	do you agree with that approach?
12	MR. DEXTER: Yes.
13	CHAIRWOMAN MARTIN: Okay. And
14	as for the additional exhibit, I assume that's
15	been premarked Exhibit 3?
16	MR. SHEEHAN: Correct.
17	CHAIRWOMAN MARTIN: Okay. Thank
18	you.
19	
20	All right. Anything else?
21	[No verbal response]
22	CHAIRWOMAN MARTIN: All right.
23	Then let's get the witnesses sworn in, please.
24	(WHEREUPON, HEATHER GREEN, ANTHONY

[WITNESS PANEL: Green|Strabone|Rivera|Simek|Hall]

		7
1		STRABONE, JOEL RIVERA, DAVID B. SIMEK
2		and ADAM H. HALL were duly sworn and
3		cautioned by the Court Reporter.)
4		HEATHER GREEN, SWORN
5		ANTHONY STRABONE, SWORN
6		JOEL RIVERA, SWORN
7		DAVID B. SIMEK, SWORN
8		ADAM H. HALL, SWORN
9		CHAIRWOMAN MARTIN: Okay. Thank
10		you.
11		Mr. Sheehan.
12		MR. SHEEHAN: Okay. I'll start
13		with the Green Rivera Strabone testimony.
14		DIRECT EXAMINATION
15	BY :	MR. SHEEHAN:
16	Q.	Mr. Strabone, can you please introduce
17		yourself and indicate your position with
18		Liberty.
19	A.	(Strabone) Good afternoon. My name is
20		Anthony Strabone. I'm employed by Liberty
21		Utilities. I am the senior manager of
22		electrical engineering, where I'm responsible
23		for the electric capital work plan, whereby I
24		manage engineering and construction resources

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8
         for capital projects.
1
         And Mr. Strabone, did you, along with Ms.
2
         Green and Mr. Rivera, prepare testimony that
3
         has been marked Exhibit 1, beginning at
4
5
         Bates 1?
         (Strabone) Yes, I did.
6
    Α.
7
         And it also includes a report, a VMP report,
    0.
         beginning at Bates 17. Did you participate
8
         in that as well?
9
         (Strabone) Yes.
10
    Α.
         And do you have any corrections as to your
11
    Q.
12
         testimony here this morning?
         (Strabone) No, I do not.
13
    Α.
         And do you therefore adopt your written
14
    Q.
15
         testimony as your sworn testimony today?
16
         (Strabone) Yes, I do.
    Α.
17
    Q.
         Thank you.
               Mr. Rivera, same questions. Can you
18
19
         please introduce yourself.
20
         (Rivera) Hello, my name is Joel Rivera.
    Α.
21
         employed as the director of electric control
22
         and dispatch by Liberty, and I am responsible
23
         for managing the operations and maintenance
         and capital budgets, and also coordinate the
24
```

```
9
1
         work flow and staffing requirements for these
2
         two groups.
         Mr. Rivera, did you participate in the
3
         drafting of what's been marked Exhibit 1, the
4
5
         Green Rivera Strabone testimony, beginning at
         Bates 1?
6
7
         (Rivera) Yes.
    Α.
8
    Q.
         And as well, did you participate in drafting
         the plan, beginning at Bates 17?
9
10
         (Rivera) Yes.
    Α.
11
         Do you have any corrections to your portion
    Q.
         of those documents?
12
         (Rivera) I do not.
13
    Α.
         And do you adopt the testimony as your sworn
14
    Q.
15
         testimony here today?
16
         (Rivera) Yes, I do.
    Α.
17
    Q.
         Thank you.
               Ms. Green, same questions. Please
18
19
         introduce yourself.
20
         (Green) My name is Heather Green. I am the
    Α.
21
         program manager of vegetation and
22
         inspections, and I am responsible for the
```

vegetation management program here at Liberty

23

24

Utilities.

- 1 Q. Did you participate in drafting the testimony
- and report that appear at Pages 1 and 17 of
- 3 Exhibit 1?
- 4 A. (Green) Yes, I did.
- 5 Q. Do you have any corrections?
- 6 A. (Green) No, I do not.
- 7 Q. And do you adopt the testimony as your sworn
- 8 testimony here today?
- 9 A. (Green) I do.
- 10 Q. Thank you.
- Mr. Strabone, can you give us a sentence
- or two of the purpose of the
- 13 Green Rivera Strabone testimony?
- 14 A. (Strabone) Yes. The purpose of our testimony
- is to support the Company's request to
- 16 approve rates necessary to recover the
- 17 additional O&M and vegetation management
- 18 costs, along with the revenue requirement for
- 19 the capital REP investments.
- 20 Q. Thank you.
- Mr. Simek, we'll turn to your and Mr.
- 22 Hall's testimony now. Please introduce
- yourself. You're on mute, David.
- 24 A. (Simek) Sorry about that. David Simek,

- 1 manager of rates and regulatory affairs.
- Q. Mr. Simek, did you participate in the
- drafting of the testimony that appears
- 4 beginning at Bates 35 in Exhibit 1?
- 5 A. (Simek) Yes, I did.
- 6 Q. As well as the attachments beginning at
- 7 Bates 45 and the proposed tariff pages
- 8 beginning at Bates 71?
- 9 A. (Simek) Yes, I did.
- 10 Q. And we've just spoken about a correction to
- that. Is that something you wish to cover,
- or should Mr. Hall cover that correction?
- 13 A. (Simek) I can cover it.
- 14 Q. Okay. We've also marked Exhibit 3, which is
- a single page. The original appeared at
- 16 Bates 65. It's been marked as 65-R, and then
- 17 a number of tariff pages with their
- 18 respective Bates numbering with an "R" after
- 19 it. Can you please explain what the
- 20 correction was made to fix?
- 21 A. (Simek) Yes. If we look at Bates Page 93-R,
- it's probably the easiest place to see the
- change.
- 24 Q. Now, the Commission may not have 93-R, since

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And the page again, David?

24

Q.

- A. (Simek) I had said 93-R. I misspoke. It's actually 94-R.
- Q. And that's Page 4 of 10 in the PDF of Exhibit 3?
- 5 A. (Simek) Right.
- 6 CHAIRWOMAN MARTIN: Okay, I've 7 got it. Thank you, Commissioner Bailey.
- (Simek) So if we could please turn to 8 9 Page 94-R. I just wanted to point out that under the Distribution Charge column for 10 11 Rates D-11 and Rate EV, those rates that were reflected in the original filing represented 12 the winter rates. And the correct rates for 13 14 these two rates should have been reflected as 15 the summer period rates which go into effect 16 May 1st. So this page reflects the 17 Distribution Charge column to have the correct summer rate. Then it's showing the 18 19 .00064 increase for the O&M piece of this 20 filing to come up with the proposed net 21 distribution charges. So the only change 22 here affected the original Distribution 23 Charge column which still showed the winter rates when it should have showed the approved 24

```
[WITNESS PANEL: Green|Strabone|Rivera|Simek|Hall]
                                                           14
         summer rates.
1
         And is it fair to say the tariff pages that
2
         are part of Exhibit 3 just carry through
3
4
         those changes into the -- where it appears
5
         throughout the tariff?
         (Simek) Correct.
6
    Α.
7
         Thank you. With that correction, Mr. Simek,
    0.
8
         do you adopt the testimony in Exhibit 1,
9
         beginning at Bates 35, as your sworn
         testimony?
10
11
         (Simek) I do.
    Α.
         Thank you. Mr. Hall, please introduce
12
    Q.
         yourself.
13
14
         (Hall) Yup. My name is Adam Hall, and my
    Α.
15
         position is analyst on rates and regulatory
16
         affairs with Liberty Utilities.
17
    Q.
         And Mr. Hall, did you also participate in the
         testimony with Mr. Simek that appears at
18
         Bates 35 of Exhibit 1?
19
20
        (Hall) Yes.
    Α.
21
         And other than the correction Mr. Simek just
    Q.
22
         described, do you have any further
23
         corrections to this testimony?
```

(Hall) I do not.

24

Α.

- Q. And as to your role in this testimony, do you adopt this as your sworn testimony here today?
- 4 A. (Hall) Yes, I do.
- Q. Mr. Hall, did you also calculate the bill impacts of the proposed rate changes in this docket?
- 8 A. (Hall) Yes, I did.
- 9 Q. And can you -- go ahead.
- 10 A. (Hall) I'm sorry.

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11 Q. Let me ask you one other question. We have
12 another hearing for Granite State starting
13 later this afternoon which will also have
14 some changes.

Can you tell the Commission how you intend to present the rate changes now and the rate changes in the later hearing?

A. (Hall) Yes. So on Bates 68, you should find a bill calculation. And from only this hearing alone, it's showing a bill increase of point -- or excuse me -- 60 cents, or .52 percent increase. The next hearing we're going to have with REP/VMP is going to show on bill impacts not only this impact, as well

- as REP/VMP, but it will also show REP/VMP impacts alone as well.
- 3 Q. So I think you might have misspoke a little.
- This case is REP/VMP, and that is the bill
- impact we're looking at on Page 68; is that
- 6 correct?
- 7 A. (Hall) Correct. I did get those backwards.
- 8 Q. Right. And the next hearing involves the
- 9 transmission rates; correct?
- 10 A. (Hall) Yes.
- 11 Q. And you're saying that in the transmission
- 12 rate attachments there will be a sheet that
- shows both the rate changes combined; is that
- 14 correct?
- 15 A. (Hall) Correct.
- 16 Q. Okay. So we're looking at Bates 68. That is
- 17 the bill impact of the proposed changes in
- this the REP/VMP docket; correct?
- 19 A. (Hall)Correct.
- 20 MR. SHEEHAN: Okay. Those are
- all the questions I have for both panels at
- 22 this time. Thank you.
- 23 CHAIRWOMAN MARTIN: Okay. Thank
- 24 you.

17 1 Mr. Dexter. 2 MR. DEXTER: Sorry. Having 3 trouble with my mouse today. All right. 4 CROSS-EXAMINATION 5 BY MR. DEXTER: Mr. Hall, has the correction that you just 6 7 described, or Mr. Simek described, on 8 Exhibit 3 to change one of the base rates, does that impact the bill impact sheet on 9 10 Bates 68 that you were just talking about? 11 (Hall) No, it does not. Α. And why is that? 12 Q. (Hall) The correction was for the time-of-use 13 Α. 14 rates, which doesn't show on the bill impact 15 sheet. 16 Because the bill impact sheet on Bates 68 is Q. 17 just residential; is that right? (Hall) Correct. 18 Α. 19 Q. Okay. Thanks. So I guess I would like to 20 start by going to Bates 63, jumping to the 21 bottom line about what we're here for today. 22 And is it correct that Bates 63 23 calculates a .46 percent increase to Liberty's distribution rates that would be 24

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18
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- 1 applied to all rates, all classes, I guess,
- 2 or all rates?
- 3 A. (Hall) Correct.
- 4 Q. And the basis for that .46 percent is the
- 5 increased annual revenue requirement stated
- on that sheet of \$213,246; correct?
- 7 A. (Hall) Correct.
- 8 Q. And if I wanted to look at the development of
- 9 that \$213,000 revenue requirement, I would
- 10 turn to Exhibit 1, Bates 47; is that right?
- 11 A. (Hall) Give me a moment.
- 12 (Pause)
- 13 A. (Hall) Yes, that's correct.
- 14 Q. And if I look down on, looks to be Line 70, I
- believe in the lower right-hand corner I
- believe I see that number of 213,246;
- 17 correct?
- 18 A. (Hall) Correct.
- 19 Q. And all the lines above that are a revenue
- 20 requirements calculation based on an
- investment amount of about a million five,
- 22 \$1,566,370; is that right?
- 23 A. (Hall) Yes. Correct.
- 24 Q. And that's way up on the top line, Line 1,

upper right-hand corner.

is that right?

2 A. (Hall) Yes.

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- Q. And that's the amount of reliability
 investment that the Company made for which
 they're seeking recovery through this docket;
- 7 A. (Hall) Correct.
- Q. Okay. So to look for the details of the 1,566,370, I'd like the panel to turn to Bates 29 of Exhibit 1. And if I go to Column E -- so let me back up a little bit.

There are three -- in Column A there are three projects that are listed. And I would like someone on the panel -- I imagine

Mr. Strabone or Rivera will tell me what the purpose of those projects were. Why were they undertaken?

- 18 A. (Strabone) Hold on one second, please. We're
 19 just catching up.
 - MR. DEXTER: Madam Chair, while

 Mr. Strabone's catching up, I just realized

 that I had asked my witnesses who -- I mean the

 Staff people who were not o the panel to text

 me if they had any questions, and I just

```
realized my phone is in the other room.
1
2
         take 30 seconds to grab my phone?
                         CHAIRWOMAN MARTIN:
                                             Of course.
3
                         MR. DEXTER: Thank you.
4
                                                   Sorry
         about that.
                       I'll be right back.
5
                (Pause in proceedings)
6
7
                         CHAIRWOMAN MARTIN:
                                              Okay.
                                                     Are
         you all set, Mr. Dexter?
8
9
                         MR. DEXTER:
                                      Yes.
                                             Thank you for
         that.
10
11
                         CHAIRWOMAN MARTIN:
                                             Okay.
                                                     Go
         ahead, Mr. Strabone.
12
         (Rivera) Hello, this is Joe Rivera.
13
         Appendix 3 of Bates Page 29 has a list of
14
15
         three projects that were part of the
16
         reliability enhancement plan: The first
17
         project, 1303 Bridge Street in Salem; the
         second project, 1402 Nashua Road in Pelham;
18
19
         and the third project, 1402 Burns Road and
20
         Mammoth Road in Pelham. All these three jobs
21
         were chosen due to poor reliability history
22
         in these sections of bare wire. Out of these
23
         three, we ended up undertaking Line No. 1,
         which is the 1303 Bridge Street job, and
24
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Line No. 2, 1402 Nashua Road in Pelham. The third job, the 1402 Burns Road and Mammoth Road in Pelham, that job was deferred due to increased costs mainly from the Bridge Street job. So that's really where those jobs came from.

BY MR. DEXTER:

- Q. When you say that they were "chosen due to poor history of reliability," can you provide more details behind that conclusion? You know, how these jobs, for example, were chosen versus other segments on the Company system that might be appropriate for this type of upgrade?
- A. (Rivera) Certainly. I might have to follow up on specific reliability numbers for these jobs. But I can tell you that these jobs are really the areas that experience the most interruptions for us, for Liberty. If you are interested in those details, I can make that available maybe as another request.
- Q. Can you tell me, even if you don't know the actual numbers, can you describe the process or the analysis that the Company goes through

- that led to these three being at the top of
 the list?
- (Rivera) Certainly. So it starts with a 3 Α. review of the outage data for the system. 4 And we try to identify the incidents that 5 resulted in the most impact, as far as 6 customers interrupted or duration of 7 8 interruption. We end up with a grouping of 9 jobs, of areas that are the worst, as far as reliability performance, and we try to 10 11 accommodate them within the five-year budget. So we have a list of different areas that may 12 come up, as far as activity, and might 13 increase in priority from one year to 14 15 another. But for the most part, all of these areas are pretty active when it comes to 16 17 interruptions and, you know, cause us the most effect -- (connectivity issue) 18

[Court Reporter interrupts.]

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- A. (Rivera) It causes the most effect on our reliability performance are these areas that we try to target with these -- with the reliability enhancement program.
- Q. Is cost a factor in this ranking? In other

words, do you take into account a projection
of the costs to make these improvements in
the ranking process when you're deciding
which projects to undertake?

- A. (Rivera) Yes. Absolutely. I try to combine the costs with the expected reliability benefit. So there's definitely a balance of cost versus benefit, how much we think we're going to be able to reduce the outages by.

 And given the projected cost of the job, we come up with numbers that sort of give us a range of what jobs will result in the most benefit for us.
 - Q. Okay. And we're going to get into the business case submitted for the Bridge Street job in a moment. But is this analysis that you've described, does that take place before the business case in the planning process, or would it take place after the business case?
 - A. (Rivera) It takes place very early in the process. Every year we try to identify new jobs. But most years, you know, these areas are already identified. So it might be where we target a certain job for a certain year,

but given certain conditions, budgeting conditions or whatever it is, we end up -- we might end up deferring it to another year.

So, yes, it does take place early in the process. Most jobs, I'm trying to line up a couple of years, three years out, within five years. And we basically -- that's how we manage it year to year. It's grouping of projects, depending on which one is more critical, and that's the job that we try to do that given year. But yes, a lot of the analysis in a lot of cases can be, you know, one year, two years, three years back when we identified these jobs.

- Q. And so is there a one- or two- or a five-page analysis of the Bridge Street job that you could provide for review to the Commission?

 And, you know, again, by "analysis," I mean this benefit cost analysis that we've been talking about that takes place early on in the process, not something you've already given us in the business case.
- A. (Rivera) Yes, I can certainly follow up with one. We may have already provided something

```
to Staff previously. So I can take a look at
1
2
         that, a summary of the expected reliability
         benefits for that job.
3
                         MR. DEXTER: Well, Madam Chair,
4
5
         I don't recall seeing that. I'm not saying we
         never got it. We deal with these folks a lot.
6
7
         But I think this is the first time this
8
         particular project has come before us.
         we're going to see today, Staff has a lot of
9
         questions about how the estimate started versus
10
11
         where the actuals ended up. I think it would
12
         be important to have that initial analysis, and
         I'd like to make that a record request, if you
13
         would entertain it.
14
15
                         CHAIRWOMAN MARTIN:
                                              Any
         objection, Mr. Sheehan?
16
17
                         MR. SHEEHAN:
                                       No, no objection.
18
                         CHAIRWOMAN MARTIN:
                                              Okay. We
         will make that a record request, Exhibit 4 at
19
20
         this point.
21
                         MR. DEXTER:
                                      Thank you.
22
    BY MR. DEXTER:
         So, again, back on Page 29 of Exhibit 1, the
23
24
         1,566,370 that you identified as what's
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26 behind the .46 percent requested rate 1 increase is detailed in Column E. And there 2 are numbers for the first project and numbers 3 for the second project and no numbers for the 4 third project. And I think it's correct, 5 isn't it, that that's because the third 6 7 project was deferred, as you stated? 8 (Rivera) Correct. 9 And is Line No. 1, the 933,795, is that the Q. entire cost of the Bridge Street project? 10 (Rivera) Correct. 11 Α. And is the 632,575 the complete cost of the 12 Q. Nashua Road project? 13 (Rivera) Correct. 14 Α. 15 And both of those projects were completed and Q. 16 placed in service by the end of the year 17 2020; is that right? (Rivera) Correct. 18 Α. 19 Q. Okay. Now, just doing some -- I see the 20 distances of these projects were projected in 21 Column B and the costs were projected in 22 Column D. And doing just some sort of rough math, it appears to me that these projects 23 are about 1.3 miles of reconductoring, and 24

- that seems to cost about a half a million

 dollars. At least it was budgeted for about

 a half a million dollars. Is that about in

 the ballpark as being correct?
- 5 A. (Rivera) I believe the initial estimate for these jobs, we assumed \$380,000 a mile.
 - Q. Well, that's a little less than what's -- if you do the math in Column D, that's a little less. I get something more in the \$400,000. But that is what's in the testimony. I understand that. So we'll come back to that I guess.

so if we go to Exhibit 1, Page 14, this is in the testimony, we'll see some more cost dollars. And here is where the -- Line 7 is where you indicate that the original estimated cost was 380,000 per mile for the Bridge Street project; correct?

19 A. (Rivera) Correct.

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- Q. And you indicated here that the actual cost per mile for the Bridge Street project was \$778,162; correct?
- 23 A. (Rivera) Correct.
- 24 Q. And you also indicated in the testimony, I

- believe, that the length of the project 1 increased from the estimated 1.2 miles that 2 was back on the other page we were just 3 looking at to an eventual length of -- what 4 was the eventual length of the Bridge Street 5 project?
- 7 (Rivera) 1.38 miles. Α.

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- 8 Q. 1.38 miles. So what gave rise to that increase in the number of miles 9 reconductored? 10
 - (Rivera) So initially when I look at these Α. jobs, I use the -- our GIS system to measure the distances from one point to the other. But when an engineer goes and designs the job, you know, most often than not, that number is updated or corrected just because of that sort of error threshold by manually measuring the distances either in -- on my maps or our GIS system. So it was what I estimated to be when we first looked at it, but it ended up being a slightly longer conductor.
 - So the engineering estimate is more detailed; Q. is that fair to say?

1 A. (Rivera) Yes.

- Q. Does the engineering estimate involve an on-premise visit to this length of wire that's going to be replaced, or is it still done, you know, with maps and records and not a visit?
- 7 A. (Rivera) No, a detailed design is done, you know, by several different points, you know, almost by section, so to speak. So it's definitely a lot more detailed than what I would normally do, just more of an investment-grade estimate.
 - A. (Strabone) Mr. Dexter, this is Mr. Strabone.

 If I may also chime in. It is done on site,
 and it also includes a constructability
 review with our operations folks. So there
 may be some input from our construction
 folks, where they may say, just looking over
 the design and looking where the end of the
 project is, they may have identified some
 things out in the field, where moving in a
 couple -- you know, adding a few feet or a
 few more sections and stopping it in a
 different spot may be better because of what

- we need out in the field for anchoring poles or supporting structures. So there's always a little bit of a difference once you get out in the field and actually look at field conditions and go through a constructability review with our operations folks.
- Q. Thanks. So when did that assessment take place, the engineering estimate aided by on-site observation?

A. (Strabone) I'm hard-pressed to give you a time frame. I don't have the notes in front of me of when the review was completed. But it would be sometime after we identified, after Joel identified which projects needed to be constructed for our upcoming year. And once we know that we have the appropriate level of funding, then we go ahead and do our detailed design work.

So it's not in the upfront phase where these projects get identified. It's closer to construction that we do our detailed engineering.

Q. Okay. So we're going to get to the business case shortly. And that was prepared on

- January 30th, 2020. I think what you're
 saying is this engineering estimate would
 come after the business case; is that right?
- 4 A. (Strabone) That would be correct.
- Q. Mr. Rivera, you mentioned "investment-grade estimate." What does that mean exactly?
- 7 A. (Rivera) It means there's a higher margin of
 8 error than say a project-grade estimate that
 9 gets developed upon completion of a detailed
 10 design.
- Q. And the engineering review that was just described, is that the project-grade estimate?
- 14 A. (Rivera) Yes.
- Q. And the investment-grade estimate I think we established is done before the business case; correct?
- 18 A. (Rivera) Correct.
- 19 Q. Okay. Well, I want to come back to the
 20 reasons, you know, the estimate went from
 21 where it started to where it ended up. But
 22 before I do that, I'd like to turn to the
 23 business case. I have some questions about
 24 that. And that is Exhibit 2, Page 4.

- So I just want to verify in fact that
 the business case was prepared on
 January 30th, 2020; correct?

 A. (Strabone) That is correct.
- Q. And the business case was actually for all three of the projects, not just the Bridge Street project; correct?
- 8 A. (Strabone) That is correct.
- 9 Q. And the amount of the budget that's listed on
 10 the business case on Page 4 up in the upper
 11 right-hand corner is \$1,700,000; correct?
- 12 A. (Strabone) Correct.

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Q. And the amount that was presented to the
Commission in the November 15th, 2019 report
that we were just looking at -- well, we
weren't looking at that report.

Let's go back to... let's go back to

Bates 29 in Exhibit 1 for a minute. There's
a footnote to this sheet that says -- I'm not
seeing exactly where the asterisk -- oh, the
asterisk connects to the capital investment
budget, 1.5 million for the four miles. And
the footnote says "From Calendar Year 2020
Plan Submitted to Staff on November 15,

2019."

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So my question is what gave rise to the difference between the \$1,500,000 estimate that was submitted to Staff on November 15, 2019 and the \$1,700,000 estimate that was in the business case on January 30th, 2020? That's only a 2-1/2-month difference. So what made up that difference?

- A. (Rivera) I don't know, offhand. We do -- it wasn't 1.5. It was 1.6 million from Bates Staff 29, which includes 100,000 carryover. But I don't know where that extra \$100,000, that discrepancy -- we'll have to follow up on that.
- 15 Q. But the carryover wouldn't relate to these
 16 projects because these projects hadn't been
 17 started yet; correct?
- A. (Rivera) It would relate to previous years'

 projects that would result in spent in this

 calendar year.
- Q. Right, but not the Bridge Street, Nashua Road or Burns Road/Mammoth Road project.
- 23 A. (Rivera) Right. But, well, the capital
 24 project business case I do believe takes into

- account that carryover also. So I think we need to look into that and see what we can find, as far as that discrepancy, which I believe is \$100,000.
- 5 Q. Okay. Oh, okay. Okay. So you're saying the
 6 business case includes carryover from
 7 projects other than the four projects that
 8 we've been talking about, which is not what
 9 it says under Project Scope, unless I'm
 10 reading it wrong.

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- A. (Rivera) Yes. Every single year this REP bare conductor replacement project gets charges from the previous year that carry over onto the following year. So that's where that \$100,000 comes from. We try to keep that in there to account for that sort of rollover or carryover, and which is part of the bare conductor replacement program. So even though it's not stated in the Project Scope statement, you know --
- Q. Okay. I understand. So then, is it fair to say that the business case projected these four projects at a million six, not a million seven, because a 100,000 of that is related

to carryover from a prior year?

- A. (Rivera) I think that's a fair statement.
- CHAIRWOMAN MARTIN: Mr. Dexter,
- 4 you're on mute.
- 5 MR. DEXTER: Sorry.
- 6 BY MR. DEXTER:

- Q. On the next page of the business case there's a Risk Assessment, and it gives the project a total risk score of 42. Can you give some context to that 42, and, you know, what risks are you talking about here? And does this make this a risky project, or is this the risk of not doing the project? I guess that's what I'd like to learn more about.
- A. (Rivera) Yeah. Absolutely. So the way we come up with that risk score has to do with this case being a reliability project. It has to do with basically the reliability history on why it's scored that high. I'd have to look at the specifics on what makes up the 42. But in general, depending on the project type or the need, if it's capacity, it will be based on the amount of deficient capacity. If it's based on asset, it might

be based on number of customers. If it's a risk issue, it might be road at risk. And then we couple all of the impact with the time, the probability that it's going to occur within a certain amount of time. So those two things coupled together is what make up the risk score. And each job is sort of unique as to how we score it.

So 42 is a pretty high number.

Mandatory is 50 -- or the highest number is 49. So 42 is really a high-impact issue and problem that, you know, we look to resolve.

- Q. Okay. So moving from the business case to the next document, which is the -- not the next document -- the changeover form which begins on -- it's hard to read. It's either Bates 9, I think, or 10. It's Page 7 of 12 of Exhibit 2 in the upper right-hand corner, and it's labeled "Change Order Form." I just can't read the Bates number. I think it's 10.
- 22 A. (Rivera) Ten.

Q. And this was dated July 27th, 2020. And this related to the same project; correct?

1 A. (Rivera) Correct.

- Q. And this asks to increase the budget from 1,700,00 to 2,500,000. So an increase of \$800,000; is that right?
- 5 A. (Rivera) That is correct.
 - Q. And the reason that's given for the increase, the increase request, appears towards the bottom of Page 10, and it says the over-expenditure is being driven by two factors: First is the carryover and associated burdens from 2019; second is the higher than estimated contractor cost based on bids received from contractors.

So my first question is what does that first sentence mean, "carryover costs and associated burdens from 2019," and how would 2019 impact this project?

A. (Strabone) So this change order that we have in front of us is for our bare conductor replacement program. So it's for the overall funding for all projects identified for the bare conductor; so it's not related to just Bridge Street or Nashua Road or any of those particular jobs that were listed on the

business case. This change order is associated with the overall Liberty funding for the bare conductor.

So we have two projects at the end of 2019 that had significant carryover costs; that was Shaker Hill and Sullivan Street.

Those projects were placed in service towards the end of 2019, and we had the subsequent cost carryover into 2020. So in order to make sure we had an appropriate level of funding internally, we shifted funds, as you can see, the \$800,000 from one project, which is 8830-2051, over to this Project 8830-2046.

- Q. I think we talked about the Shaker Road project in this very same hearing last year. You said there were two leftover projects, Shaker Road, and what was the other one?
- A. (Strabone) It was Sullivan Street. There's some carryover cost associated with that one as well.
- Q. So the 800,000 does not relate only to the four projects that we've been talking about in this case.
 - A. (Strabone) That is correct.

- Q. And yet, the project number at the top of the change order form, which is 8830-2046, is the same project ID number on the top of the business case, 8830-2046. The number's the same; correct?
- (Strabone) Well, the overall project number 6 A. 7 is the same. So think of it this way: We 8 have the overall project, bare conductor replacement, and then under that we have 9 individual work orders that feed up into the 10 11 overall project. So Bridge Street has its own individual project or work order number. 12 Nashua Road would have one. Burns/Mammoth 13 Road has one. And any other job we take up 14 15 underneath the bare conductor replacement 16 program has its own individual work order 17 number.
 - Q. So to more accurately assess the original estimates versus actual expenditures, we should be doing it at the work order level, not at the project ID level; is that correct? Is that what you're saying?

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A. (Strabone) Essentially, yes. If you're looking at the individual -- if you want to

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         look at an individual project, if you want to
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         look at Bridge Street, you would just look at
         Bridge Street as an individual number or an
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         individual project and compare our original
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         estimate to our actuals. Nashua Road would
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         be the same, Burns, every subsequent project
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         underneath the overall. And then ultimately
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         that all rolls up to what our overall funding
         is for, you know, reliability enhancement
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         projects, which would be, as you indicated,
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         the project ID 8830-2046.
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                         CHAIRWOMAN MARTIN: Mr. Dexter,
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         you're on mute.
         (Strabone) You're on mute.
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                         MR. DEXTER: Apologies.
                                                   Thank
16
         you.
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    BY MR. DEXTER:
         Back to the change order form, starting on
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    Q.
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         Page 10. There were two reasons given for
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         the $800,000. Can you break down the
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         $800,000 between Reason 1 and Reason 2?
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         (Strabone) Hold on one second.
    Α.
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         check...
                (Pause)
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- (Strabone) So the reference is Staff Request 1 Α. 1-1, Part B, which is in Exhibit 2. 2 believe it's Bates Page 2. Let me know when 3 you get there, Mr. Dexter. 4 Yeah, I've got it. 5 Q. (Strabone) This gives a breakdown where we 6 have some increase in cost for Bridge Street. 7 8 Ultimately on the last line of the response 9 on Page 2, which is part of Response A, it reads, "The increase in these direct" --10 11 [Court Reporter interrupts.] 12
 - A. (Strabone) "The increase in these direct and indirect charges listed above total \$228,248." That amount can be attributed to the higher than anticipated construction that Mr. Dexter was referring to on the change order. And I believe we had approximately -- you have to forgive me, but there was a decent amount that was -- the remaining of that 800 -- and I don't think it's actually 800,000 because we included some more -- we included additional costs -- I mean it included additional money for our change order. The other portion of that is

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attributed to our carryover. And I don't have that in front of me. I have to apologize. I didn't bring those notes with me.

Q. Okay. I wanted to come back to that data response where you provided that detail and go through some of that. But before we leave the change order form, I have another couple of questions on that.

So on Bates 11 of Exhibit 2, Page 8 of 12, it looks like, according to this form, change orders above half a million dollars require the signature of the regional president. And it looks to me like this form was not signed by the regional president. So could you either confirm that I am correct and explain why or just explain in general what went on here?

A. (Strabone) Unfortunately, I can't tell you.

I can't comment on that. I think it be best

if we take it as a record request.

The process we follow is we present this to senior leadership during our capital budget meeting. We talk about these changes,

the change order. You know, as long as it's approved, we send it through. It gets generated and gets sent through for approval, which ultimately goes to our finance manager on our capital budget side, and we'll seek senior leadership's signatures. So I can't comment on why the copy with our regional president was not provided or was. My apologies on that.

Q. So I'm not sure I understand. And maybe I didn't ask the question clearly enough.

Is it the Company's position that the regional president did sign this and I don't have it or that they didn't sign it, or maybe you don't know?

A. (Strabone) They should have signed it. I

don't have that copy in front of me. And it

doesn't look like we provided that one to

you.

MR. DEXTER: Okay. So I guess the record shows that it wasn't signed. And I would be perfectly amenable to getting an updated version of this, you know, if there's one that hasn't been provided, that the

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regional president signed at the time, if the
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         Bench would consider making that a record
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         request. Or if you don't think it's important,
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         then we'll leave the record as it is.
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                         CHAIRWOMAN MARTIN:
                                             Any
         objection to providing that information, Mr.
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         Sheehan?
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                         MR. SHEEHAN:
                                       No.
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                         CHAIRWOMAN MARTIN: Okay.
                                                     We'11
         make that a record request, Exhibit 5.
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                         MR. DEXTER:
                                      Thank you.
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         (Strabone) Mr. Dexter, you're on mute again.
    BY MR. DEXTER:
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         I'm trying to unmute. I'm told I create a
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    Q.
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         background noise if I don't mute. I'm trying
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         to be careful, but I've got to remember to do
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         it both ways. Thank you.
               I'd like to turn now, as you just did,
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         to Staff 1-1. And the bulk of the response
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         appears on Page 2 of Exhibit 2. And we'll go
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         through all the reasons for the differences,
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         but I wanted to ask about a couple of them.
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               The second bullet says that the original
         investment-grade estimate did not include the
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- installation of a new load break switch to
 allow better sectionalization. Can you
 explain in a little more detail what a "load break switch" is?
 - A. (Rivera) Yes. It's really a disconnect on the utility pole that allows you to sectionalize that section beyond it.

In this project, the Bridge Street

project, we added a load break about halfway,

thereabouts, of the distance of the

reconductoring, so that if something were to

happen in either section, we have a means to

quickly isolate the area and make it safe.

So we thought adding that disconnect to allow

us to do that, you know, we thought it was a

good add to the project for all sort of

reliability and --

- Q. Is that a device that you would have expected to be in the original estimate? Is that a typical device, or is this an unusual situation to put in a load break switch when you're installing spacer cable?
- A. (Rivera) I'd like to think that I looked to consider that in the beginning. It wasn't

- done in this case. It was identified during the detailed engineering part of it. Usually when we have folks look at it, we'll come up with certain changes or suggestions, and, you know, we often take those into account. And this was one of those. But, yeah, we try to look at things that maybe could be done while we're there, you know, little things like --
- 9 Q. Down further on the page -- oh, I'm sorry. I10 thought you were finished.
- 11 A. (Rivera) No. I'm sorry. I was trying to
 12 think of the term "cut out," you know, little
 13 things like that that we may be able to
 14 replace while we're there. But for the most
 15 part, it's strictly -- the scope is strictly
 16 reconductoring activity.
 - Q. Down further on the page there's a note that says "Actual direct tree trimming increased by \$77,000, which was more than anticipated."

 Can you tell me what the original tree

21 trimming amount was?

- 22 A. (Rivera) One second, see if we can look that
 23 up. I may have to defer to Ms. Green.
 - A. (Green) I don't have the notes of the

original at my fingertips.

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Q.

- Q. The original would have been part of the
 380,000 per mile, which was the basis of the
 first estimate that would have included tree
 trimming?
- A. (Strabone) Yes, that original \$380,000 does include tree trimming costs.
- Q. Do you know of anything in particular that

 occurred on Bridge Street that led to the

 \$77,000? Is there a particular incident or

 situation that you encountered that you

 wouldn't have known about before the

 project -- when the original estimate was

 made?
 - A. (Green) I can address that. Heather Green.

So we did have an estimate put in, and then COVID hit. We had to use alternate resources. The local resources that we tried to use were not available for various COVID reasons. And then we had to bring in external crews, and the cost to do that was higher than expected. We also had crane work, as well, which was not in the original.

So there was an original estimate. You don't

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- have that figure right now, though; correct?
- 2 A. (Green) Not at my fingertips.
- 3 Q. Okay. And what's "crane work"?
- A. (Green) Complicated large tree removals that

 cannot be performed safely with an average

 75- or 55-foot bucket, so it requires a crane
- to do those types of work. And they usually
- 8 have a truck to haul wood.
- 9 Q. And when did the 77,000 -- I guess that's an actual number. But when did it become evident that the original estimate was going to be -- was understating the necessary tree
- trimming?
- A. (Green) There was a conversation in the

 summer. I don't have the exact date. But it

 was expressed that the estimate was going to

 be -- that it was taking more resources to

 perform the work. But I don't have the exact
- 19 date.
- 20 Q. It was during construction in other words.
- 21 A. (Green) It was during the process.
- Q. The response also indicated that material charges increased by about \$71,000 due to
- rise in material costs. Can you provide more

specifics about the material costs?

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- (Strabone) Yeah. This is just essentially our system that we estimate in has material costs in there. So when we estimated the job after our detail design, we had an expected material cost. We go through our procurement process, where some material we already have in stock and on hand, others we need to go and procure. Our procurement department handles that. And unfortunately for this project, some of those costs just came in higher than what our system had estimated our costs to be. But that was just through increased costs for material. There was no real significant change in what we were adding in there, except for what you saw in the line above it for the low-grade switch resulting in an additional \$30,000. ultimately it was just increased cost of material that our procurement department had to go out and secure for the job.
- Q. And the original 380,000 per mile included material costs; correct?
- A. (Strabone) It does, yes. That includes an

- average of our past jobs for materials of this size. That's how we're coming up with that \$380,000. But yes, it does include materials.
- Q. And you do these jobs every year; right? I think this is my fifth docket, and I think every time I've done this, there's been a spacer cable installed. This is not something that's new or unusual; correct?
- 10 A. (Strabone) Correct.

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- 11 Q. Do you know how much of the materials that

 12 went into the job came from inventory and how

 13 much were purchased specifically for this

 14 job?
 - A. (Strabone) I would have to work with procurement to find out what we had on hand and what we had to go and purchase. I don't have the breakdown of ultimately what percentages those were.
 - Q. Okay. Now, the last paragraph indicates -the last paragraph in Part A on Page 2
 indicates that the total actual spend for
 this project ended up at \$933,800, or a cost
 of 667,000 per mile. And that 933,000 is

- what we saw on Exhibit 1, Page 29; correct?
- 2 A. (Strabone) That's correct.
- 3 Q. Okay. And so that's the entire cost of the
- 4 Bridge Street Project, as we established
- 5 earlier.
- 6 A. (Strabone) Correct.
- 7 Q. Okay. Before we leave Bridge Street, there's
- one more form I want to go cover. And that's
- 9 in Exhibit 2, and that's called the "Project
- 10 Closeout Form, and that starts on Bates
- Page 13 of Exhibit 2. This was prepared
- 12 March 10th, 2021, as it says in the upper
- 13 right-hand corner; correct?
- 14 A. (Strabone) Correct.
- 15 Q. And the requested capital is listed at a
- 16 million seven. So again, that means, I
- 17 think, that we're talking about the four jobs
- 18 plus some carryover, I think is what we
- 19 learned today. Is that right? By the four
- 20 jobs, I mean Bridge Street, Nashua Road,
- 21 Burns Road and Mammoth Road.
- 22 A. (Strabone) That's correct.
- 23 Q. And the form asks -- give me a second.
- 24 The form asks, on Page 12 towards the

- bottom, "Do you agree that the project [sic]
 and/or service is ready to be deployed?" And
 the answer is "Yes." But in fact, the
 project was not completed because the Mammoth
 Road piece was deferred; is that right? It
 was completely deferred; correct?
- 7 A. (Strabone) That was deferred. But we
 8 answered this based on what we did for the
 9 projects related to bare conductor, which was
 10 Bridge Street and Nashua Road, which were
 11 completed.
 - Q. Right. But if we go back to the original form and then the change order form, we're talking about the four projects plus carryover; correct?

- A. (Strabone) Well, ultimately if you look at the change order form, it was for the two projects, which is Bridge Street, Nashua Road and carryover. As we stated on Bates Page 29 of Exhibit 1, we deferred the Burns Road and Mammoth Road project due to what we were seeing for construction costs and total project costs.
- Q. I'm sorry. So I might have missed that.

- That's on the change order form, the deferral of the Burns/Mammoth project?
- A. (Strabone) I don't believe it's in the change order. But I was referencing a previous part of our conversation, where Mr. Rivera indicated that we postponed the Burns Road job.
- 8 Q. Right. No, I understand it was postponed. I'm just trying to look at this from whoever 9 it is in management that reads these forms. 10 11 And the scenario that I'm seeing, and correct me if I'm wrong, is that a project comes in 12 for four miles and some carryover. And then 13 there's a change order form for four miles 14 15 and some carryover, and then there's a closeout report that says everything's ready 16 17 to be deployed. But in fact, it's not four miles, it's something like 2.5 miles. 18 19 So if I were getting those reports, I think I 20 would not be fully informed. And I guess I'd 21 ask you to either agree with that or tell me 22 why I'm wrong.
 - A. (Strabone) Correct. If you were to just pick up this piece of paper and read that, you

wouldn't know the conversations that were had during the capital budget meeting. And I stated earlier that we go monthly on these capital budget meetings, and we talk about large projects such as this, and we discuss issues that we're running into.

So prior to submitting this change order form, we had discussions to say this is -you know, we are experiencing higher than anticipated construction costs. To mitigate this, we're looking to do these changes, which include postponement of Burns Road and also postponing another project, and we're also looking to transfer the funds from Project 8830-2451, as stated on the change order, to cover the overages that we're experiencing with all of our bare conductor REP jobs as a total.

So management is fully aware of those changes. Yes, it's not documented on this change order. But prior to them getting it, they are aware of the impacts that we're having, our steps to mitigate it, and what our overall impacts are to other projects.

- So they are aware that we only did those two projects and deferred the Burns Road job, as well as another project.
 - Q. And who does the project closeout report go
 to? I notice the other forms had people up
 the corporate ladder, it looks like, who
 signed off on them. But I don't see that for
 the project closeout. Could you explain who
 the project closeout report goes to?
- 10 A. (Strabone) It should -- let me just check.

 11 Hold on one second.

(Pause)

- A. (Strabone) So in Section 1, you're right, it lists, you know, myself, the project sponsor. Our operations manager will have that. Our finance manager has it as well. And then I believe -- I can't speak to if senior management gets that after or not. But it is recorded for others to have access to it on a shared site, to go and take a look at all the project documents that are associated with these projects.
- Q. So if we go back up to the change order form, the highest person on the list, I guess if

- I'm just going by rank of who gets to sign

 off on what level, the highest person on the

 list is Richard McDonald, VP of Operations;

 correct?
 - A. (Strabone) Well, on the form that's submitted to you, yes, he's the highest one that has to sign. But as we indicated, it most likely went to Susan Fleck, our regional president, for her to see as well.

[Court Reporter interrupts.]

- Q. Okay. So do I understand your testimony today that Richard McDonald and Susan Fleck would have been part of the conversations that went behind the project closeout report, such that they would understand that the answers on the bottom of Page 12 related to something less than the four miles?
- A. (Strabone) Yes, they would.

Q. And Question 2.2 at the bottom says, "Do you agree that the products or services have sufficiently met the stated business goals and objectives?" The answer is "Yes."

It's your testimony that all those people we just mentioned would agree with

- that because they knew we were talking about
- 2.4, 2.5 miles, not the four-point something
- miles that were originally presented.
- 4 A. (Strabone) That's correct.
- 5 Q. Now, on the next page of the project closeout
- report, Page 13, Bates 13, it says, "Rate
- your level of satisfaction with regards to
- 8 the project outcomes." And there's five
- g criteria. And they're all rated, it looks to
- me, like three out of five, if I'm reading
- 11 that right. Am I reading -- is that what the
- 12 rating is, three out of five?
- 13 A. (Strabone) You are correct.
- 14 Q. So five would be the best score, and I guess
- a one or a zero would be the worst score?
- 16 A. (Strabone) That's correct.
- 17 Q. Oh, says it right there, scale one through
- 18 five. Sorry. Five is the highest.
- 19 Why were these projects rated three out
- of five for quality, performance, scope, cost
- 21 and schedule?
- 22 A. (Strabone) I guess because I'm a hard grader.
- 23 Q. Well, I guess what's really behind my
- question is I assume from an engineering

- standpoint that once these things were done,
 that they're performing as planned and
 expected. Is that true?
 - A. (Strabone) This is true. Yes

Q. So that would be, you know, Items 1 and 2, I think, quality and performance. When we get to 3, it says "Scope." Now, we've just spent ten minutes talking about the scope was shrunk.

So based on your testimony, I guess I'm supposed to understand that -- well, I don't know what to understand because it would make perfect sense to me that the scope got three out of five because only two and a half miles were done. So maybe you can clear that up for me. I don't see how one and two, quality and performance, could get the same grade as scope.

A. (Strabone) Correct. And that's probably just the way I look at it. I looked at this and I guess gave it a three out of five. It's subjective to my personal view. But you're right. You know, project quality, we do

QA/QC after the project's done. So those two

jobs were built as designed and within our standards and industry standards. So, you know, thank you for bringing this up. But you're right. One and two should have a five. And also the last one, schedule, should have a five as well because we completed those projects in our calendar year. So I would look at those three to have a five.

And then you're right. Cost and scope, unfortunately, yeah, due to increased costs, you know, that would not receive a five and should receive, you know, a three. Same thing with scope. Unfortunately, we planned to do four miles and did less. So I would be in agreement that, you know, one, two and five should all be five out of five because they were completed as anticipated, along with products and service and project quality.

Q. Okay. So if we go to Bates 15, this is the last page of the project closeout report.

And I see a final cost of the project of 2,183,000. And I guess what I've learned

- today, and correct me if I'm wrong, is that
 this is not just the Bridge Street and the
 Nashua Street project, but it's also some
 carryover; is that right?
- 5 A. (Strabone) That is correct.
 - Q. So it would not be a valid comparison to look at the original budget of those two projects and compare it to the 2.183 million because I'd be missing the carryover; correct?
- 10 A. (Strabone) Correct.

Q. All right. So we'll skip over that then for now.

So I wanted to ask about the second project, which is the Nashua Road project.

And I want to start by going back to Exhibit 1, Page 29, where it was predicted or estimated back in November of 2019 that this would be 1.3 miles of bare conductor at an estimated cost of, I guess that's half a million, but correct me if I'm wrong. I'm taking a million and dividing it equally between the two projects; is that right? Is that how I look at that million dollars as it relates to Nashua?

- A. (Rivera) I think that's a fair way to look at it, \$500,000 for each of those jobs, give or take, given that they're about the same length or similar length.
- The actual amount came in at 632,575. Was
 that for the whole 1.3 distance, or was that
 distance altered as well, like the other
 project?
- 9 A. (Rivera) It's for the whole distance of the
 10 Nashua Road portion of the job.
- Q. Right. Did it come in at 1.3 miles the way this schedule shows, or did the actual come out different from the 1.3 miles?
- 14 A. (Rivera) I don't know.
- Q. Would you agree that this project seems to have come in much closer to the original budget than the Bridge Street project?
- 18 A. (Rivera) I do agree.
- Q. Can you explain why that might be? Were
 there particular factors in Bridge Street
 that you ran into that you didn't encounter
 on Nashua Road?
- 23 A. (Rivera) Yes.
- 24 A. (Strabone) Yes. This is Mr. Strabone. For

- the Nashua Road job, our materials, we didn't have the overages for the material cost that we did on Bridge Street. Those came in more in line with what was in our system. Also, our trimming costs were also in line with what we anticipated from our estimate. And we just did not have the other charges or overages that we saw with Bridge Street for some of those other incremental costs. So this was more in line with what we anticipated for construction cost.
- Q. And the Nashua estimate of 500,000 is what

 Mr. Rivera described as the "investment-grade

 estimate"; correct?
- 15 A. (Strabone) That's correct.

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- Q. And that was done without the benefit of the detailed engineering information that you talked about for Bridge Street; correct?
- 19 A. (Strabone) That's correct.
- Q. So I guess I can understand that the
 vegetation might be different, depending on
 what you find when you get out there, when
 the engineer goes out there. But I'm having
 a hard time understanding why the materials

- would be different. Were the materials on
 the Bridge Street job essentially the same or
 substantially similar to the materials on the
 Nashua Road job?
- 5 A. (Strabone) They're all the same. But once
 6 again, it goes through what the price was for
 7 material when procured.
- 8 Q. Were they done at different times?
- (Strabone) Procurement of material is done at 9 Α. 10 different times. I believe -- I can't -- I 11 don't know the exact time frame of it, but 12 there was separate, I guess you could say separate bid events going out to secure 13 materials at separate times for the two 14 15 projects.
- 16 Q. Has the Burns Road/Mammoth Road project been
 17 undertaken, started or completed since the
 18 filing of these documents?
- 19 A. (Strabone) We just started that project.
- Q. So that would be early 2021; correct?
- 21 A. (Strabone) Correct.
- Q. And is it expected that the cost -- how will the cost for that project be recovered by the Company?

- A. (Strabone) How will it be recovered? Excuse

 me. Is that what you asked, sir?
- I mean, I'm thinking we have a rate Yeah. 3 Q. case settlement with a couple of step 4 adjustments. Is it the Company's intention 5 to include it there, if allowed under the 6 7 terms of the step adjustment? Or is it going 8 to be a more typical investment which will fall into rate base at some time in the 9 future? And it's not crucial to this case. 10 11 I understand that. But I just thought it 12 would be interesting while we're talking
- 14 A. (Strabone) I suspect it to be under the rate case.
- 16 A. (Simek) It all depends, Paul, if it was
 17 included in the budget that we had set up for
 18 the steps. And I just don't know, off the
 19 top of my head.
- 20 Q. Fair enough.

about it.

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Okay. The question of budget to actuals was discussed quite a bit at this similar hearing last year. And Commissioner Giaimo had a suggestion, and I want to read the

suggestion and ask if the Company has taken the Commissioner up on that suggestion. But I got to find the transcript, so I'm going to try to do that quickly, see if I can do that without losing everybody.

(Pause)

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Q. So this is Page 98 from DE 20-036. The hearing was held April 27th, 2020.

Commisioner Giaimo said: Okay. So I know transmission owners, there was a big discussion about 20, 15, 20 years ago when transmission investment was far exceeding initial estimates. And through the ISO tariff and one of the attachments, they have an objective formula that they use, which is then used to determine whether or not some of the investments were, for lack of a better term, prudent, and whether or not they overspent and were so far off budget. I guess I would suggest that maybe the Company consider some sort of similar format to provide guidance that might be helpful. after last year's case, where we talked quite a bit about Shaker Road -- and I think that's

		66
1		the Enfield project and some other
2		projects where there were significant
3		variances between actuals and estimates, the
4		Commissioner made this suggestion.
5		And my question today is what, if
6		anything, the Company has done to take the
7		Commissioner up on this suggestion, or
8		something similar to that.
9	A.	(Rivera) I don't know. So that's something
10		that we can follow up on.
11		MR. DEXTER: Well, again, I
12		don't like to burden the record with record
13		requests, but Madam Chairwoman, if that's
14		something you think is important, I think it
15		is, I'd request that it be made a record
16		request.
17		CHAIRWOMAN MARTIN: Any
18		objection, Mr. Sheehan?
19		MR. SHEEHAN: No. We'll do our
20		best to answer it.
21		Paul, can you give me the site
22		again? Page what of that transcript?
23		MR. DEXTER: Yeah, it's Page 98
24		from DE 20-036.

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1	MR. SHEEHAN: As the Commission
2	is well aware, there are many people involved
3	in the various processes. So we've just got to
4	track down who best can respond.
5	CHAIRWOMAN MARTIN: Okay. We
6	will make that record request and make it
7	Exhibit 6.
8	MR. DEXTER: Thank you.
9	So that completes my questions
10	on reliability projects. I do have some
11	questions on veg management. And I realize
12	I've taken up a lot of the hearing time. I
13	don't have nearly as many questions in the
14	3:00 docket. I don't know if there's any
15	flexibility in going late on this one and
16	starting the other one late.
17	CHAIRWOMAN MARTIN: I think so
18	long as the next one is going to be shorter.
19	But we should try to stick as closely to the
20	schedule as possible just because that's what
21	we put the notice out for.
22	MR. DEXTER: Okay. Well, I'll
23	try to wrap this up quickly.
24	The other thing I was going to

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request, Madam Chairwoman, when I'm done
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         questioning and you're done questioning, when
         it comes time for closings, I was going to
3
         request a short recess so that I could confer
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         with the other Staff members before closing.
         But I may be jumping the gun on that.
6
7
         guess I should finish my questions first.
8
                         CHAIRWOMAN MARTIN:
                                             Let's see
9
         where we land on timing and go from there.
    BY MR. DEXTER:
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         So to assess the impact of the veg management
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    0.
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         presentation, I'd like to go to Exhibit 1,
         Page 64. And is it correct that this page
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14
         depicts the calculation of the proposed
15
         REP/VMP adjustment factor of $.00064?
         (Hall) Yes, that's correct.
16
    Α.
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    Q.
         Going to the top of this page, I see a figure
         of $570,000 which is labeled "2020 O&M
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19
         Expense above Base O&M Expense." And if I
20
         wanted to see where that number comes from, I
21
         think I go to Page 46. So let's turn to
22
         Page 46 and see if I'm right. Yes, if I go
         to Page 46 and look at Line 7 -- I see that
23
         figure of $570,000 on Line 5 and on Line 7;
24
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1 correct?

- A. (Hall) Yes, that's correct.
- Q. And can you explain how that is the amount above what's included in base rates?
 - A. (Hall) Give me one second. I might have to -- excuse me. I might have to defer to Mr. Simek for a full explanation of the answer.
- 9 A. (Simek) I can help walk through this.

So the actual spend for this calendar year was \$2,461,057, as you can see in the first line; yet, based on the settlement agreement in DE 19-064, which had a budget of 2.2 million, which you see on the next line, and then a 10 percent cap above that, which then calculates to the 2,420,000 that you see on the next line, so the most that we can collect above base rates is the \$2,420,000. So the difference between 2,420,000 and the amount that's included in base rates for 2020 of 1,850,000 is how the 570,000 is calculated.

Q. And the 1,850,000 is sort of an average between the 1,500,000, which was the figure

- before the most recent rate case, and the 2,420,000, which is the number after the most 3 recent rate case; is that correct?
 - A. (Simek) Sort of. It's January through June, the 1.5 annual amount that's in place. So half of that is 750,000. And then for July through December it's the 2.2 million amount that was in place. So you take half of that. So it's about 1.1 plus the 750,000 is how we calculated the 1,850,000.
- 11 Q. So as Mr. Simek just stated, the amount since
 12 the most recent rate case in 19-064, the
 13 amount included in base rates is \$2.2 million
 14 for veg management O&M; correct?
- 15 A. (Simek) Correct.

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- Q. And the actual spend was more than that, as we see on Line 1.
 - My question is did the Company prepare an O&M budget to meet the 2.2 million; and if so, has it been provided in this docket?
 - A. (Green) We provided an original budget and then adjusted the budget to closely meet the 2.2 plus 10 percent, and that has been provided.

- 1 Q. The original budget was higher; correct?
- 2 A. (Green) Yes. It was 3 million originally.
- 3 Q. And then the revised budget you submitted did
- 4 not equal the 2.2 million, but it was in line
- with the 2.2 million plus 10 percent is what
- 6 you just said; correct?
- 7 A. (Green) Correct. And a little over,
- 8 actually.
- 9 Q. Right. But the Company never prepared a
- 10 budget for 2.2 million I think is what you're
- 11 saying; correct?
- 12 A. (Green) Correct.
- 13 Q. I want to take a look at the budget that is
- close to the 2.42 million, and I believe
- that's Exhibit 1. Maybe you can help me out
- with the page number.
- 17 A. (Green) So, 27 maybe?
- 18 Q. Yes, thank you, that's the one I was looking
- for. So that's Exhibit 1, Page 27. And the
- 20 budget you're talking about is Column A;
- 21 correct?
- 22 A. (Green) That's the adjusted budget after we
- learned about the Fairpoint credits not being
- 24 available.

- Q. So there was another budget that was closer to the 2.42 million?
- A. (Green) No, there was a budget that had the credit in it. That budget was 3 million minus credits, which were --
- Q. Right. I guess what I'm trying to get at is
 I'm looking for the budget closest to the 2.2
 million which was included in base rates, and
 I think it's Column A of Bates 27; correct?
- 10 A. (Green) That sounds correct.

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- 11 Q. Okay. So if the Company were to produce a

 12 budget that equaled the amount that's in base

 13 rates, which of these line items would be

 14 adjusted downward to reach that?
 - A. (Green) We wouldn't cut it any further. As it is, we're trying to meet a four-year cycle, as well as trying to meet a four-year cycle and the loss of, you know, credits that we had.
 - Q. So this budget, then, is an attempt to meet the four-year cycle which was agreed to in the rate case settlement, but utilizes the 10 percent leeway that was in the rate case settlement as well and gets us somewhat close

- to the 2.2 million plus 10 percent, which is 2.42 million; is that right?
- A. (Green) Yes, that sounds about right. I

 mean, we cut significant portions to meet the

 settlement agreement and the loss of income

 from the credits.
- 7 Q. Okay. Well, I guess there's two factors.

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When did the loss of the credits from

Consolidated, when did that start? When did

you stop getting those figures from

Consolidated?

- 12 A. (Green) We learned that we were not going to 13 receive the credits in April of 2020.
- Q. And do they owe the Company any money? Are there any remaining balances to collect from before when they gave that notice?
- 17 A. (Green) As I understand, yes, there is.
- Q. And is there an expectation that any of that
 money that's, quote, unquote, owed to the
 Company, because it was before they gave the
 notice of cancellation, will be collected?
- 22 A. (Green) I do not know the answer to that 23 question. We are seeking to be paid.
 - Q. Okay. And if it were collected, would it

- show up on Line 13 next year when we do this
- case? Is that the Company's intention do you
- 3 know?
- 4 A. (Green) No, we don't anticipate getting any
- 5 credits for 2020 or 2021 work. It would only
- be reimbursement for 2018 or 2019 work.
- 7 Q. Okay.
- 8 A. (Green) Did I answer a question incorrectly
- 9 earlier?
- 10 Q. No. I'm sorry. Are you asking me?
- 11 A. (Green) Yeah. Sorry.
- 12 Q. I guess I'm not sure. I guess my real
- 13 question is if additional reimbursements from
- 14 Consolidated were to come in, would you
- 15 expect to pass them back to customers through
- 16 a credit to this program at all, the way it
- 17 was done in recent years?
- 18 A. (Green) Anything that we would receive from
- 19 them has already been accounted for, with the
- 20 expectation we would receive it. That credit
- 21 was accounted for in 2018 and 2019. So the
- only payments we'd be receiving is previously
- accounted work. It's not new bills or
- invoices that would go out for 2020 or 2021.

- 1 Those are already in the accounting process. 2 And Dave should speak to that or someone in finance maybe, if that's appropriate. 3 (Simek) Yeah, I just don't know that answer, 4 Α. 5 Paul. Okay. Let me move on to another subject. 6 Q. 7 I think you said, Ms. Green, that you 8 drastically changed the budget, or
- 9 significantly changed the budget when you learned of the loss of the credits. So
- where, which of the lines on this sheet shows
- 12 the -- you know, sort of bore the brunt of
- 13 that reduction?
- A. (Green) Line 2, Line 3, Line 4, Line 5, Line
- 15 6, Line 7, Line 8, Line 9. I'm not sure
- 16 about Line 10.
- 17 CHAIRWOMAN MARTIN: You're on
- mute.
- MR. DEXTER: Sorry.
- 20 BY MR. DEXTER:
- 21 Q. So basically you sort of spread this lost
- revenue, if you will, across the board,
- 23 across your budgets.
- 24 A. (Green) Yes.

- 1 Q. Did you reduce the number of miles that you
- 2 expected to trim?
- 3 A. (Green) Yes.
- 4 Q. From what to what?
- 5 A. (Green) Let me pull it up. Provided on the
- 6 last page of Exhibit 2, I believe, the
- 7 original was 225 miles, and we reduced it by
- 8 29.66 miles, for a total of 195.
- 9 Q. And when did that occur? 2020 or 2021?
- 10 A. (Green) For 2020.
- 11 Q. And what's the projected number of miles for
- 12 2021?
- 13 A. (Green) I want to say it's 234, but I am not
- 14 certain that's the correct number. That's
- the number that's in my head. Do you want me
- 16 to take a data request for that, or do you
- 17 want me to look it up?
- 18 Q. You said 234; right?
- 19 A. (Green) I believe so.
- 20 Q. Well, okay. I mean, if you can look it up
- 21 quickly, sure.
- 22 (Pause)
- 23 A. (Green) So 234.87.
- 24 Q. Thank you. So my question was, with the

- reduction of 30 miles in 2020, would you be
 able to stay on the four-year cycle that was
 agreed to in the rate case?
 - A. (Green) Because we did not complete those
 30 miles in the 2020 cycle year; is that
 correct?

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- 7 Right, that's what I'm asking. Since the 0. 8 2020 year seems to have come in about 9 30 miles less than what was projected under the four-year cycle, my question was does the 10 11 Company still plan to meet the four-year cycle requirement of the rate case settlement 12 even without the credits from Consolidated 13 Communications? 14
- 15 A. (Green) So are you talking about 2021 versus 2020?
- Q. Well, I'm talking about the four years. I'm

 not sure when the four-year cycles -- I don't

 remember when the four-year cycle started.
 - A. (Green) So the end of -- December 31st would be the end of the first full year. So we were shy to accomplish the four-year cycle by 30 miles.
 - Q. So the four-year cycle ended 12/31/2020?

- 1 A. (Green) Correct.
- Q. And so you were on track up until that very
- 3 last year.
- 4 A. (Green) Yes.
- 5 Q. Okay. So a new cycle starts 1/1/21.
- 6 A. (Green) That is correct.
- 7 Q. So my question is, with the 235 [sic] miles
- 8 projected for 2021, does that indicate that
- 9 the Company is on track to stay on the
- 10 four-year cycle that started this year?
- 11 A. (Green) The current plan of the 234 miles is
- a plan for a four-year cycle. Correct.
- 13 Q. Okay. So what happens to that 30 miles that
- wasn't trimmed in 2020? How does that get
- 15 addressed?
- 16 A. (Green) It's in the 234 miles. We had to
- 17 spread -- one of the feeders got adjusted,
- the 10 and the 19 I believe. So there was
- some adjusting that went through over the
- 20 next four years. So as you look them over,
- 21 2021 is a higher year than the next
- 22 subsequent three years.
- 23 Q. Okay. I want to go back to the list of
- the -- to the budget that we were talking

- about. I think you said it was Page 27.
- 2 A. (Green) Yes, of Exhibit 1.

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- Q. Exhibit 1, right. And I wanted to talk about
 Line 7, Hazard Tree Removal, where there's a
 budget of 100,000 and an actual of rough
 111,000. Can you describe this activity in a
 little more detail, please?
- (Green) The tree removal line item is for any 8 9 charges for a unit-price tree removal, or a 25-inch tree that's hourly, but basically 10 11 removals that are scheduled and planned through cycle maintenance. So they can be 12 risk trees, as far as grow-in; it can be risk 13 trees, as far as fall-in. But that's where 14 15 we have the unit-price removals charged to.
 - Q. Can you describe the difference between

 "grow-in" and "fall-in"? I think you

 mentioned that term in one of your data

 requests.
 - A. (Green) Yes. A grow-in would be a tree that most likely is trapped underneath and growing in or close to the side and growing in. And then a fall-in would be a tree that the risk associated with that is more not that it's

going to grow into the conductors, but that

it's going to fall into the conductors. And

there are some trees that are both grow-in

and fall-in.

- Q. Do you assign a risk priority, or do you assign priority to the hazard trees that you remove based on any sort of criteria; and if so, please describe?
- A. (Green) So we are building various tools for risk analysis. When we identify the trees in the field, we identify them as grow-in risks or fall-in risks, and we also identify their probability of failure. So, severe, likely, unlikely -- sorry, likely or unlikely, those categories. And then we are currently in the process of relating that to the consequence of failure, which is the number of customers that are affected by that failure on that segment. So we are building that inventory and that information.
- Q. So it doesn't currently exist? It's an inventory that you're building; is that right?
- A. (Green) Correct. It is being built.

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         So does that information inform your current
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    Q.
         activities for either 2020 or 2021, or is
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         that something that will take place either
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         later in 2021 or beyond?
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         (Green) 2021, I anticipate having it more --
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    Α.
         yes, more -- I can do it now, but --
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7
         (connectivity issue)
8
                [Court Reporter interrupts.]
         (Green) My contractor actually builds the
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    Α.
10
         report for me currently, and until the link
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         is completely built. And in the future I'll
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         be able to pull that report myself.
         identify fall-ins and grow-ins, and he can
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         pull in the consequence of the failure.
                                                    Ι
15
         can't pull that report currently.
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                         MR. DEXTER:
                                      Okay. I believe
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         that's all the questions I have.
                                             Thank you,
         Madam Chair.
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19
                         CHAIRWOMAN MARTIN:
                                             Okay.
                                                     Thank
20
               Commissioner Bailey?
         you.
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                         COMMISSIONER BAILEY:
                                                Thank you.
22
    INTERROGATORIES BY COMMISSIONERS:
23
    BY COMMISSIONER BAILEY:
         On Page 12 of Exhibit 1, you tell us that
24
    Q.
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82 1 Consolidated is no longer going to pay for 2 any tree trimming because of a provision in the contract that you signed with them. 3 you explain that to me, please? 4 5 (Green) So they had a clause in there where Α. they could terminate that term of being 6 7 required to participate in the cost-per-tree 8 tree work five years out and beyond. they took that clause and initiated it. 9 Well, did you agree to that clause? 10 Q. 11 Α. (Green) It was in the original agreement. 12 Yes. Why did you agree to that? 13 I don't Q. understand how Consolidated doesn't have to 14 15 pay for some of this work. 16 (Green) I would defer to legal counsel on Α. 17 that. 18 MR. SHEEHAN: If I may, I can 19 explain it in closing. But it's a 1980 20 contract that has been carried over all these 21 years. 22 COMMISSIONER BAILEY: Okay. 23 Thank you.

BY COMMISSIONER BAILEY:

- Q. In the next -- at the bottom of Page 12 going on to Page 13, you show the table that we just went through, and there's a net of \$11,501 increase. Can you explain how that relates to the \$41,057 variance from the
- 6 budget?
- 7 A. (Green) Can I ask for clarity? You said 8 \$11,000? Which line is that?
- 9 Q. Well, if you take -- on Page 12, Line 21,
 10 through the next page, Line 7, and, you know,
 11 calculate the pluses and minuses, you get to
 12 \$11,501. And we were just looking at a table
 13 on Page 27 that shows that calculation.
- A. (Green) I'm not familiar with the -- I can't open both of them here.
- 16 Q. They're both on page -- sorry -- both in

 17 Exhibit 1. Oh, you can't look at both pages

 18 at the same time?
- 19 A. (Green) Yeah, exactly.
- Q. Okay. Well, I mean, they're the same money
 numbers. Can you just take my word for that?
 Or just go to Page 27 and look at those
 numbers and the net of those numbers in
 Column C --

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[WITNESS PANEL: Green|Strabone|Rivera|Simek|Hall]
                                                          84
         (Green) Okay.
1
    Α.
         -- $11,501.
2
    Q.
         (Green) Okay.
3
    Α.
         You see, you know, the variance is 3926 over,
4
    Q.
         7490 under. And if you go back to Page 12
5
         and 13, you see that --
6
7
         (Green) Can you repeat the question?
    Α.
8
         the $11,000. Can you repeat the question,
9
         please?
         Okay. So that looks to me like all of the
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    Q.
11
         expenses, the over or under for the expenses,
12
         adds up to $11,501. But in the paragraph
         above -- maybe that's why you're having a
13
         hard time because I can't find the number.
14
15
         You budgeted two million -- well, no.
16
         budgeted -- what was your budget? What was
17
         your total budget?
         (Green) I actually budgeted more than the 2.2
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    Α.
19
         plus 10 percent. I couldn't cut it any more
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         than it was. So it was already higher than
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         the 2.4, and I understood that.
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[DE 21-049] {Hearing} [04-20-2021]

above the 2.42 million?

couldn't cut it any more. So I have --

And so -- sorry. Was the budget \$41,057

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Q.

A. (Green) That sounds about right. I don't have that number in front of me.

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- Q. Well, that's my question. If you budgeted

 41 million -- sorry -- \$41,000 above what you

 were allowed, how does that relate to the

 \$11,000 net over/under?
 - (Green) So the 11,000 net over/under is of Α. the budget that I have here, which is 2.449. So when I had the original budget of 3 million plus with the Fairpoint credits, and then the Fairpoint credits were no longer available to us, I cut everything as much as I could comfortably cut it. And there was nothing else to cut. So I made a budget of 2.449, which was really close, but 11,000 over -- or sorry -- a little bit over the 2.42, which is the 2.2 plus 10 percent. it still exceeded, but I made accommodations for the loss of the income of the Fairpoint credits while trying to continue to maintain the four-year cycle which we were asked to do, and by maintaining reliability in the program. So this was what that \$3 million

budget was cut down to.

- Q. So on Line 13, Page 12, we see the actual spending was 2,461,057. Is that the \$11,000 over what your budget was?
- 4 A. (Green) That is correct.

Okay. Thank you. On Page 15, you talk about the Vilas Bridge is mainly a radial line with minimal backup ties, and that's why it's important to reconductor it.

My question is: Does the Company have plans to address that single point of failure in the future?

- A. (Rivera) We've been targeting the 12L2 for a couple of years now. That feeder, it's got several sections of bare wire conductor. And we're approaching it in a phased approach, starting with the front end of the feeder and working our way out to the further end of the feeder, where we also have a lot of issues. So, yes, we do have a plan for this feeder. And, you know, it will take a few different phases to really try to address these main areas that are having issues.
- Q. And is some of that feeder in Vermont?
- 24 A. (Rivera) The feeder had -- the source, the

- breaker, the substation, it's physically
 located in Vermont, owned and operated by New
 England Power.
- 4 Q. So will you have any authority to fix that?

- A. (Rivera) We have authority to fix the distribution line once it crosses the state line into New Hampshire. So all the distribution lines, the poles, the equipment, we own, we operate and can address.
 - Q. But the failure that you were describing in this paragraph happened to the transmission line in Vermont; so even if you fixed the distribution lines, it wouldn't have helped?
 - A. (Rivera) If I recall, this particular one was due to a tree that fell during a stormy day.

 A tree fell on our Liberty distribution lines and caused several sections of wire down.

 And it was in a location on the feeder that prevented other unaffected areas to be restored, which means all the customers had to be out of power while repairs were made.

So that issue is what we're trying to address with spacer cable. It's hard to say in this particular case if spacer cable would

- have been better or worse, given the large
 amount of -- the large tree that fell. But
 we are looking to address vegetation problems
 in this circuit.
- Q. Are you thinking about adding load break switches?
- 7 (Rivera) We're definitely looking to see from Α. 8 a sectionalizing point of view if the feeder has adequate sectionalizing, which includes a 9 number of switches along the feeder which 10 11 might let you sectionalize a portion of it. I can't think of any new load break switch 12 that we're looking to install, other than in 13 the future we are looking to do some 14 15 distribution automation in this area, which would require the installation of automatic 16 17 switches, switches that you can control remotely or take action automatically. So, 18 19 yes, we are looking to add more sort of 20 sectionalizing switching, remote switching 21 capabilities.
 - Q. So this may be for Mr. Strabone, or maybe you, Mr. Rivera, but I've had conversations with the ISO after the Texas incident, and

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they recommended that we ask our electric utilities whether their systems are properly sectionalized if they require load shedding.

Can you talk a little bit about that and whether you think that if ISO said you had to shed load, you could do it without causing other problems and get people back on when it was time to change the area?

A. (Rivera) Yeah, I can talk a little bit about that.

We have what we call, "underfrequency load shed plans," different levels of frequency points. So as the frequency of the system decays, a certain amount of load is being shed to match that drop in frequency. This is an exercise we go through every year, where we set these relays based on the previous year's peak load and the requirements that we need to meet, as far as amount of load being shed. So if we were to have a frequency decay in the system, underfrequency relays would trigger, dropping load, depending on how low frequency drops.

The other part to load shedding is what

we call the "manual load shed plan," where we might get a call from, say the ISO, where they might need to call out for a certain step in the manual load shed plan. For example, you know, they might say we need to go to Step 10 of the load shed plan, and that tells our operators that "in essence,"

10 percent of the load needs to be dropped.

what feeders need to be dropped under that scenario. And we start with the feeders that have less of a criticality score, meaning it's got -- maybe it doesn't have a hospital, it doesn't have a nursing home or evacuation center. So that's how we rank the feeders and choose the feeders accordingly, based on that. And there's other things that we look at, as far as rotation plans if, God forbid, we ever got to that point.

But I think the key for us is really to track, document, identify all these priority customers that are on the system, so that if we ever get into a situation like this, we know, you know, exactly what load we're

- dropping and what load we need to restore.
- Q. Have you -- do you update those critical customers frequently?

- A. (Rivera) I do. I try to do it once a year, where I export a list of our customer account table. Our customer account table contains priority codes for the different customers, and then that priority code I use to come up with a, call it a criticality number on the feeder; the higher the number, the more critical it is. And that's sort of how we choose our underfrequency plans, our manual load shed plans, our rolling blackouts, I'll call it that.
 - So, yes, we do look at that. We try to look at that every year. We try to update that and see if there's customers that should be on the list that are not there and try to stay on top of that.
- Q. Have you looked at what happened in Texas?

 Because my understanding is that the Texas

 utilities had similar plans in place, as you

 just described, and when they actually went

 to implement them, maybe more contingencies

happened than they anticipated, but they were very close to a all-out catastrophic failure.

So what I want to know is whether you are convinced that if you're required to do rolling blackouts, that New Hampshire is not going to be responsible for a catastrophic failure.

A. (Rivera) I know very little of what's been going on in Texas. I do know that they've had issues with maybe keeping track of their priority customers -- for example, gas-generating facilities, you know, those types of facilities that you don't want to turn off power to because it creates sort of a cascading effect.

If we were ever in that situation, I
don't know that I would describe it as a
"catastrophic failure." It's more of a
response to supply capacity and what we would
do as a distribution utility to help in the
overall sort of transmission load system.
You know, so we would basically be taking the
guidance from the ISO. They have overall
view of the system, and we're basically

- owning a very small portion of that
 transmission system. But nonetheless, we
 would still follow all of the requirements
 for underfrequency load shed and that sort of
 thing.
 - Q. Mr. Strabone, do you have anything to add?

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- 7 (Strabone) I believe Mr. Rivera covered it Α. 8 all. I'm confident in his plans, and ours as 9 a company, to be able to respond as a distribution company. And I hope we never 10 11 experience what Texas experienced here. 12 I believe we are taking measures to make sure that we are able to have a resilient system 13 and respond from anything major that may 14 15 happen in the state of New Hampshire.
 - Q. Mr. Rivera, I mean, I think part of what happened in Texas had to do with their ability to sectionalize properly and frequency instability. And you're telling me that in New Hampshire that's not going to be a problem.
 - A. (Rivera) No, I can't predict that. I couldn't make that statement because, like I said, we're just a distribution company. If

- something like that were to happen, I mean,
 we're a lot more resilient when it comes to
 adverse weather than, say, Texas. But if we
 had some sort of capacity generation problem,
 it would really be more of a bulk system sort
 of thing, transmission with, you know,
 different states involved. And for Liberty,
 we just have our impact on the two
 transmission systems that we're part of,
 Massachusetts and Vermont.
- Q. I'm really talking about the distribution system being able to shed load.
 - A. (Rivera) Oh, oh, I'm sorry. Yes, we would definitely be in a situation where we would be dropping load almost instantly under frequency. And also, we have our manual load shed plans in place, where if we needed to go to a certain step load shed, we can remotely drop the load, based on the step that we're in. So if it's a Step 10, the operators know exactly what load or what devices need to be operated to be tripped. And we choose devices that we can operate remotely for this.

So yes, we would be ready if this were to occur, or something similar.

Q. Okay. I had a follow-up question on the closeout report.

So as I understood your testimony, the 8830-2046 project included the Bridge Street, the Nashua Road and the Burns Road/Mammoth Road work orders. But the closeout report is a closeout report for 8830-2046, and you did not complete the work order for the Burns Road/Mammoth Road project. So how can you close out 8830-2046?

A. (Strabone) So we perform business cases, capital expenditure and project closeout reports on a yearly basis. So Project 8830-2046, that project number is -- the nomenclature for "8830" means Granite State Electric; "dash 20" means the year; "46" is just the arbitrary number assigned to the project as it goes. So every year we take out a new project number. So we close the project out for 8830-2046 on a calendar-year basis, just as to say, okay, this number is now closed in 2020. But in 2021 we have a

new project number, which is 8830-2146. So we're doing project closeout forms on a calendar basis every year. So we're closing it out on the projects that we completed.

Now, yes, we didn't complete Burns under this overall umbrella of projects. But as we indicated, that was postponed until this year. All those costs get transferred to the project number of this year, and we will be closing that project out when complete in 2021. So that will be part of the project closeout form and cost report on the project closeout in 2021.

- Q. So the Burns Road/Mammoth Road work order gets assigned to a new project number because it didn't complete in 2020, so it had to have a 2021 project number?
- A. (Strabone) Correct. So the work order number stays the same, identifying that level, but it gets reallocated and re-mapped to the overall project of 8830-2146.
- Q. Okay. Thank you. I think my final question... this is me just trying to understand the numbers again, like I had the

conversation with Ms. Green.

But on Page 39, the difference between the actual spend of 2.461 million and what's in rates for this year of 1.85 million is \$611,057. So what -- on Line 11 you say the net result is \$570,000. Can you tell me what I'm not -- what dots I'm not connecting?

- A. (Simek) Yes, I can do that. Could you please just tell me what Bates page you're on?
- Q. Yes. I'm in your testimony, Exhibit 1,

 Page 39, and \$570,000 is on Line 11.
 - A. (Simek) Okay. So the 570,000 is the difference between the 2,420,000 that was the settlement agreement amount that we are allowed to spend for this program for the year. So it's a budget of 2.2 million, and then it has a 10 percent cap, which then comes to 2,420,000. If you subtract out the 2,420,000 from the amount that's included in base rates of 1,850,000, then the difference is the 570,000, if you're looking to what we're proposing to collect here.
 - Q. Okay. Thank you. So the difference between 570,000 and 611,000 you won't collect.

- 1 A. (Simek) Correct.
- 2 Q. Okay. Thank you. That's all I have.
- 3 BY CHAIRWOMAN MARTIN:

Q. All of my questions have been answered,
except for one. I just want to follow up on
Mr. Dexter's -- he had a couple questions on
the materials. And the response was that the
procurements resulted in increased costs for
materials because that reflects the market
cost for those.

Was that the only factor that changed?

So the amount of materials planned for, all

of that stayed the same, and just as a result

of the procurement the costs went up? Or did

other factors change the amounts?

A. (Strabone) No, that's correct. It was really just driven by just the materials, the rising cost of materials that we calculated out between our engineering estimate and our actuals. So our engineering estimate had our switch that -- you know, the change in design from our conceptual to our engineering. Our estimate had those costs. And then when we looked at what the actuals came in at, it's

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really the only driving factor between the
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         materials, what we estimated for our
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         engineering design and our actual cost was
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         just the rising cost of materials through the
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         procurement process.
         Thank you for that clarification.
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    Q.
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                         CHAIRWOMAN MARTIN:
                                              I have no
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         other questions.
                         Mr. Sheehan, do you have
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         redirect?
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                                        I do have a few,
                         MR. SHEEHAN:
         and I will try to go quickly.
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                    REDIRECT EXAMINATION
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    BY MR. SHEEHAN:
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         First, Ms. Green.
    Q.
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               On the Fairpoint costs that we have not
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         collected from Fairpoint -- of course, now
         they're Consolidated -- you mentioned those
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collected from Fairpoint -- of course, now
they're Consolidated -- you mentioned those
are for past years. Is it fair to say the
reason they won't be returned to customers is
because when we propose these costs, we never
include the Fairpoint costs; so the risk is
on us as to whether we recover them or not?

(Green) That sounds correct.

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- Q. So if the whole program was \$100 and we planned on the getting \$30 from Fairpoint and we only come to recover \$70, the rest we chase Fairpoint for.
- 5 A. (Green) That sounds correct.
- Q. Okay. Mr. Strabone, you talked about how
 senior management learns of these projects
 through the regular budget meetings. I just
 want to ask you a few questions about those
 meetings.
- How often do capital budget meetings occur?
- 13 A. (Strabone) They're scheduled to occur
 14 monthly.
- 15 Q. And do you go every month?

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- 16 A. (Strabone) Yes, I do, along with members from
 17 finance, other project team members, other
 18 capital projects that are going on, and folks
 19 from operations and senior leadership.
 - Q. And can you tell me by name and title who are the senior leadership people as of today, because it changes over time of course, that would attend these monthly budget meetings?
 - A. (Strabone) Yeah. We have Susan Fleck, who is

- our state president; we have Richard 1 2 McDonald, who is our VP of operations; Peter Dawes, I believe he's our regional 3 vice-president of finance. On occasion our 4 5 regional president, James Sweeney, is on there. And then there's a list of numerous 6 7 directors. I don't know if you want me to 8 step through all of those as well.
- 9 Q. That's okay. And are these senior
 10 management, except for you mentioned that Jim
 11 Sweeney may not be there all the time, are
 12 the others, if not there every month, are
 13 most often there?
- 14 A. (Strabone) That is correct, they are.

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- 15 Q. Can you explain the nature of the discussion
 16 between management and the project managers
 17 like you when there are costs over or under
 18 for particular projects?
 - A. (Strabone) Yeah. So every month the discussion is really focused on our current spend, the current actual spend and where we're -- how that is comparing to our expected or forecasted budget at that time.

 And then we also look out to forecasting, you

Q.

know, actual spend for the rest of the year and how that compares to our budget. And then from there discussions really will go, you know, if we have budget underruns, okay, we discuss what we're doing for what is causing the underruns, and if there's any project that anyone could pull in, you know, sooner or, you know, fill some of that, you know, additional money that's now available in the budget.

And then on the flipside we have discussions regarding overruns. And discussions vary of what's causing the overrun; is there anything we can do to mitigate that, as in, you know, defer another project, reduce scope? You know, do we need to ask for additional funding from our parent company? What's the overall impact to our capital budget? And, you know, really just a thorough review of the impacts, the causes, all of our options to mitigate these costs, both at the project level and then our overall, overarching capital budget level.

And are you the person that is the lead from

- the project side for these REP projects?
- 2 A. (Strabone) Yes, I am.
- Q. And how many projects, for example, would you
- 4 have to talk about at one of these meetings?
- 5 One, two, twenty?
- 6 A. (Strabone) Probably on the higher end.
- 7 Q. Okay. And is it fair -- go ahead.
- 8 A. (Strabone) Excuse me. For individual
- projects, it's probably five or so. But I
- 10 also speak on behalf of some of our blankets
- that we have that run, like nature -- normal
- 12 run of the business, like new business
- 13 commercial and new business residential. So
- I also speak to those as well.
- 15 Q. And do you bring documentation to these
- 16 meetings to show senior management what's
- 17 going on with all these particular projects
- and the overruns or underruns?
- 19 A. (Strabone) Yeah, I do. And I'm also required
- 20 to submit all of my updates with
- justifications of what's happening with the
- 22 projects. Prior to the meeting, we have a
- SharePoint site where we have to go on and
- upload information and fill in any variances

- that we're seeing on our projects, or any issues that we're running into that may explain some of our overruns or underruns. So that's also provided, I think approximately two weeks prior to the meeting. And then that is presented as well throughout the meeting as a -- you know, for conversations and justification of what's happening to our projects.
 - Q. And is it fair to say, then, that during the course of a year, if you have a particular project that's running over budget, it's being talked about at least every month?

- A. (Strabone) Definitely every month. And then there's also been a few times where we request a meeting outside of the monthly meeting to discuss issues that we're seeing; that way, senior management has an idea of what's coming up. During the monthly meeting we have proper conversations both inside and outside of the capital budget meeting.
- Q. And do you recall in the last two years if

 Ms. Fleck has ever missed one of these budget

 meetings?

1 A. (Strabone) I cannot recall.

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Q. And last, one of our record requests is to track down the particular document that did not have Ms. Fleck's signature on it. It will either have it or it won't when we do the work.

Even if this document does not have Ms.

Fleck's signature on it, are you confident in saying that she knew what was going on with that project over the course of the year?

- A. (Strabone) Yes. That was one of the projects

 I made certain that everyone was aware of the
 drivers and what we were facing and what the
 intentions were -- well, what the impacts
 were for our overall budget and steps that we
 could take to mitigate those costs.
- 17 Q. Thank you.

MR. SHEEHAN: That's all I have.

19 CHAIRWOMAN MARTIN: Commissioner

20 Bailey.

21 COMMISSIONER BAILEY: I'd like

to ask Mr. Sheehan a question. Is that okay?

MR. SHEEHAN: Sure.

24 CHAIRWOMAN MARTIN: Go ahead.

[DE 21-049] {Hearing} [04-20-2021]

All right.

So without

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1	objection, we'll strike ID on Exhibits 1
2	through 3, and we're now holding the record
3	open for record requests which are going to
4	be marked Exhibits 4, 5, and 6. Is that
5	consistent with everyone's understanding?
6	MR. SHEEHAN: Yes.
7	CHAIRWOMAN MARTIN: Mr. Dexter,
8	anything else?
9	MR. DEXTER: In terms of closing
10	statements or in terms of other business
11	CHAIRWOMAN MARTIN: No, in terms
12	of exhibits or record requests.
13	MR. DEXTER: That sounds right
14	to me.
15	CHAIRWOMAN MARTIN: Okay. All
16	right. Then we will hear the closings,
17	starting with Mr. Dexter.
18	MR. DEXTER: Okay. I just want
19	to make sure I'm going at the right time.
20	As we do each year, Staff has
21	gone over the schedules that were presented
22	and the rates that were presented and tried
23	to review those as quickly and efficiently as
24	we can for the Commission so that we all know

what's being proposed and that the rates are accurate.

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And in this docket we've done the same thing. We don't have any particular issue with the calculation of the rates or the presentation.

We do have a recommendation with respect to the underlying cost recovery in this case, which is unusual, but we feel it's warranted. We've spent a lot of time today going over the Bridge Street project. We've talked about the original cost estimates being based on investment-grade estimates of about \$380,000 per mile. We've gone over the various documentation that was presented to us, documentation of the project, including the business case, the change order form, and the project closeout. And we tried to highlight what we thought were some very confusing elements in those documents, including the idea that the business case included more than the four projects that we thought it did, that we reasonably thought it did, only to find out

that it includes some carryover from prior
projects. We found that the very significant
change order request for \$800,000, almost
50 percent of the requested increase, much of
that had to deal with prior year projects.
That wasn't clear to us from the
documentation. We found that the project
closeout report was very confusing, in that
there was no mention of the fact that the
scope of the project that was being reported
on had been reduced significantly from about
4 miles of reconductoring to about 2.5 miles
of reconductoring. And we found that the
scoring of that project, three out of five on
all criteria, really couldn't reflect what it
said it would reflect. And I think the
witness agreed with that. There was really
no way that the scope of that project as
reflected in the three out of five score on
project score was accurate. I think the
witness indicated the three out of five score
was accurate in this case because the project
scope had been reduced. That was
inconsistent with the three out of five score

on the engineering because the witness indicated that the projects are working fine and that the reconductoring has done what it's supposed to do.

So I guess in sum total, you know, Staff's major concern of course is with the actual cost overruns for the Bridge Street project. We spent much of the case last year talking about the overruns in Enfield on the Shaker Road project and we talked about Commissioner Giaimo's reaction to those and we don't seem to find that anything is different in this case.

This is not the Company's first reconductoring project. They've come in every year since I've been at the Commission doing these REP hearings with projects of this nature. They're not novel in any way. They didn't indicate that there was anything specific about the Bridge Street project that had caused these overruns. And it appears that the Nashua Road project didn't experience the overruns.

It's difficult to understand

where the final cost of the project ended up at almost a million dollars and the original cost started at around \$500,000. It's difficult to just recommend that the Commission allow that to be recovered through this clause. We do understand that the nature of the project increased in terms of just under .2 miles, and we understand that. And that actually makes sense.

so what Staff is going to recommend that the Commission do in this case is allow recovery through the REP clause of the original estimate for \$500,000 and then increase proportionately for the difference between the 1.2 miles of the Bridge Street project that was originally predicted to the 1.38 that was actually built. We find that to be an increase of 15 percent. Therefore, we think it would be reasonable to take the original estimate of \$500,000 and increase that by 15 percent and allow that through the REP clause.

disallowance of the remaining costs.

Staff is not recommending a

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recognize that the project was built, that
the plant is used and useful. We are
recommending that the difference be collected
through traditional rate base recovery
through rate cases. We don't believe it's
appropriate to add this project to the step
adjustments which are upcoming because those
have an identified list of projects, and this
shouldn't be on it if it was on the REP list.
It can't be in both places.

So that's Staff's recommendation in a nutshell, and that completes my closing.

CHAIRWOMAN MARTIN: Thank you,
Mr. Dexter.

Mr. Sheehan.

MR. SHEEHAN: Thank you. I want to touch first on the question that was raised about the Fairpoint contract, just so the Commissioners are aware. Those contracts were signed, again, in 1980. Some of them were updated over the years, but this particular provision never did. At the time, both were regulated utilities, and the likelihood of not

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recovering costs and of not continuing with the joint sharing of cost was very unlikely. Obviously, times have changed dramatically. And yes, that provision simply says either party can stop this particular provision, the sharing of VMP costs, that either party can simply stop by giving notice. And we all know from other dockets that Fairpoint is in the process of selling the poles and getting out of the business, and they made the decision to simply stop participating. And just the course of history and of a contract that was never revised, and I suspected Fairpoint never would have agreed to a revision, and that's where we ended up. So it's no one's fault, so to speak. It was just a legacy contract that these are the consequences of.

As for the merits of the request here, there are two pieces, of course. The adjustment to rates based on the VMP, and Staff indicated no issues there, and we asked for approval of that.

As to the REP costs, the argument, as I understand it, is because

there was a difference between the original
investment-grade estimate of 500,000 and the
actual cost, there should be something less
than full recovery under the mechanism as
designed. And I find that troubling because
we spent a lot of time going through
Exhibit 2, Bates Page 2, which was the list
of everything that happened that caused those
costs to go up by dollar. And we went
through a lot of them, and there was not one
shred of evidence that any of those increases
were inappropriate or imprudent. Just like
weather changing for reasons that are out of
our control, every project is different for
reasons that sometimes can be anticipated,
sometimes not. We had a COVID impact of one
of these things. We had labor changes.
These are competitively bid projects.
They're not internal projects. So there's no
evidence that any of these costs were
imprudent. So we ask that the Commission not
accept Staff's recommendation and allow
recovery of the full amount as proposed in
this filing. Thank you.

[WITNESS PANEL: Green|Strabone|Rivera|Simek|Hall]

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1	CHAIRWOMAN MARTIN: Okay. Thank
2	you, Mr. Sheehan.
3	All right. And I think with
4	that, we can close the record on this
5	hearing. And we will reconvene for those
6	of you joining the next, we'll take a
7	five-minute break in between. Thank you.
8	we're adjourned.
9	(Hearing adjourned at 3:44 p.m.)
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[DE 21-049] {Hearing} [04-20-2021]

		116
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2		
3		
4	I, Susan J. Robidas, a Licensed Shorthand Court Reporter and Notary Public	
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7	place and on the date hereinbefore set forth, to the best of my skill and ability under the conditions present at the time.	
8	I further certify that I am neither	
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