			1
1			
2		STATE OF NEW HAMPSHIRE	
3	1	PUBLIC UTILITIES COMMISSION	
4			
5			
6	April 26, 202	22 - 9:02 a.m.	
7			
8			
9	RE:	DE 21-138 LIBERTY UTILITIES (GRANITE STATE	
10		ELECTRIC) CORP. 2022 Reliability Enhancement Program	
11		and Vegetation Management Program Plan (Hearing)	
12		(iidar riig)	
13	PRESENT:	Chairman Daniel Goldner, Presiding Commissioner Pradip Chattopadhyay	
14		Tracey Russo, Clerk	
15		Trace, Rabbe, Creri	
16			
17	APPEARANCES.	Reptg. Liberty Utilities (GSE) Corp.:	
18	III I MIGHOLD .	Michael J. Sheehan, Esq.	
19		Reptg. N.H. Dept. of Energy: Paul B. Dexter, Esq.	
20		raar b. beneer, abq.	
21			
22	Court Report	ter: Susan J. Robidas, NH LCR No. 44	
23			
24			
	_		· <u>-</u>

			2
1			
2	INDEX		
3	WITNESS PANEL: HEATHER M. TEBBETTS		
4	HEATHER GREEN CHRISTOPHER STEELE		
5			
6			
7	EXAMINATION	PAGE	
8	Direct Examination by Mr. Sheehan	10	
9	Cross-examination by Mr. Dexter	19	
10	INTERROGATORIES BY COMMISSIONERS:		
11	By Commissioner Chattopadhyay	56	
12	By Chairman Goldner	65	
13	Redirect Examination by Mr. Sheehan	74	
14	CLOSING STATEMENTS:		
15	Mr. Dexter	78	
16	Mr. Sheehan	84	
17			
18			
19			
20			
21			
22			
23			
24			

			3
1		EXHIBITS	
2			
3	EXHIBIT ID	DESCRIPTION	PAGE NO.
4	1	Testimony of Christopher Steele, Heather Green and	PREMARKED
5		Heather M. Tebbetts, with	
6		attachments	
7	2	CONFIDENTIAL Response to	PREMARKED
8		NHDOE 1-6, with attachments	
9	3	CONFIDENTIAL Response to	PREMARKED
10		NHDOE 1-6, with attachments	
11	4	Response to NHDOE 1-4	PREMARKED
12	5	Response to NHDOE 1-5	PREMARKED
13	6	Response to NHDOE 1-8	PREMARKED
14	7	Response to NHDOE 1-9	PREMARKED
15	8	Response to NHDOE TS 1-1	PREMARKED
16			
17			
18			
19			
20			
21			
22			
23			
24			

1	PROCEEDINGS
2	CHAIRMAN GOLDNER: Okay. Good
3	morning, everyone. I'm Chairman Goldner.
4	I'm here with Commissioner Chattopadhyay.
5	We're here in Docket DE 21-138 for a hearing
6	regarding the Liberty Utilities 2022
7	Vegetation Management Program.
8	Let's take appearances, beginning
9	with Liberty.
LO	MR. SHEEHAN: Good morning,
L1	Commissioners. Mike Sheehan for Liberty
L2	Utilities (Granite State Electric) Corp.
L3	CHAIRMAN GOLDNER: Thank you.
L4	And the New Hampshire Department of
L5	Energy.
L6	MR. DEXTER: Thank you, Mr.
L7	Chairman. Appearing on behalf of the
L8	Department of Energy, Paul Dexter. I'm
L9	joined today by Jay Dudley and Scott Balise
20	from the Regulatory Support Division.
21	CHAIRMAN GOLDNER: Thank you.
22	For preliminary matters, we're here
23	to resolve a simple issue: The budget for
24	the 2022 Vegetation Management Program, which

the Settlement Agreement stipulates is \$2.2 million plus 10 percent, or 220K additional. Recently in DE 22-014, there was discussion of a carry-forward which will be decided in that docket. Is there anything else we need to discuss today?

MR. SHEEHAN: No, those are -- we understand those are the issues that are noticed for this hearing, yes.

CHAIRMAN GOLDNER: Thank you.

Mr. Dexter.

MR. DEXTER: I might have phrased it differently, in terms of this being a "budget" hearing. But I think essentially what you said covers it. And I'll get into that in my questioning and in my closing.

CHAIRMAN GOLDNER: Okay. Thank you, Mr. Dexter.

Exhibits 1 through 8 have been prefiled and premarked for identification.

We did receive a late-filed Motion for Confidential Treatment, Attachment DOE 1-6.2, Confidential Attachment DOE 1-6.3, and Exhibit 2. I'll note that the pagination

1 appears to be off.

Are there any objections to accepting this late-filed motion?

MR. SHEEHAN: With respect, the rules require the motion be filed prior to hearing, so I don't believe it's late-filed. That's the standard practice for when you have discovery responses during the course of a docket filing; the motion needs to filed prior to hearing. I have nothing further to add.

CHAIRMAN GOLDNER: Okay. Mr.
Dexter.

MR. DEXTER: I haven't had a chance to review the motion, but I would expect that it's the typical motion that Attorney Sheehan just described, and I don't expect the Department will have any objection to it.

CHAIRMAN GOLDNER: Okay. Very good. Yeah, maybe, Mr. Sheehan, my comment, in the Order of Notice it says everything needs to be filed two days ahead of time. Is there an exception to this?

MR. SHEEHAN: The rule that governs

the confidential treatment of discovery responses specifically requires that it be filed prior to hearing. The purpose is to put the parties on notice that the -- let me back up.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

When we respond to discovery requests that have confidential information, rather than litigating confidentiality during the course of the case, we send information to the parties with an assertion that we do assert confidentiality for these reasons, and we will file a motion prior to hearing to confirm that. Typically that happens shortly before a hearing. The vast majority of time it's not contested, and the Commission can roll that issue into its order. Occasionally we file at the outset of a case if our initial filing has confidential information, and sometimes that can be addressed during the course of the hearing. This is how it's been handled according to the 200 Rules.

CHAIRMAN GOLDNER: So is there any reason it couldn't have been filed with the original filings I think you filed last

1	Friday? Is there a reason why it was later?
2	MR. SHEEHAN: I was notified by DOE
3	that they wanted to mark Exhibit 2 on Friday,
4	and so the motion covers that piece as well.
5	So I had the weekend to write it.
6	CHAIRMAN GOLDNER: Okay. Thank
7	you, Mr. Sheehan.
8	All right. Is there anything else
9	we need to cover regarding exhibits?
10	MR. DEXTER: Nothing from the
11	Department.
12	CHAIRMAN GOLDNER: Okay. The
13	Commissioners have reviewed the prefiled
14	testimony and other exhibits and have no need
15	of the witnesses summarizing their testimony.
16	After cross-examination by the Department of
17	Energy, we anticipate we, the
18	Commissioners, anticipate having a few
19	questions.
20	Are there any other preliminary
21	matters to discuss before we have the witness
22	panel sworn in?
23	MR. SHEEHAN: No, sir.
24	CHAIRMAN GOLDNER: All right.

```
Let's proceed with the witnesses. Ms.

Robidas, would you please swear in the panel

of witnesses.
```

(WHEREUPON, HEATHER M. TEBBETTS,
HEATHER GREEN and CHRISTOPHER STEELE
were duly sworn and cautioned by the
Court Reporter.)

CHAIRMAN GOLDNER: Thank you. And we'll move to direct with -- unless, Mr. Sheehan, you have any clarifications, I guess it would just be the qualification of the witnesses and adoption of their prefiled testimony.

MR. SHEEHAN: That's fine. We had planned to at least tee up some of the conversations we had last week, which we had on the VMP reconciliation hearing. We had kind of said here's some things to think about because we're going to come back next week for this hearing. And I have literally two minutes of questions, if you'd like me to do those. Or I'm happy to wait until the Commissioners ask questions and we may get there anyway.

			10
1		CHAIRMAN GOLDNER: Okay. I think	
2		it's probably a good two-minute investment,	
3		so please proceed.	
4		MR. SHEEHAN: First we'll introduce	
5		the witnesses and adopt testimony.	
6		DIRECT EXAMINATION	
7	BY M	R. SHEEHAN:	
8	Q.	Begin with you, Ms. Tebbetts. Please	
9		introduce yourself, describe your position	
10		with the Company and the role you had in	
11		drafting the testimony that's been marked as	
12		Exhibit 1.	
13	A.	(Tebbetts) My name is Heather Tebbetts, and I	
14		am the manager of Rates and Regulatory	
15		Affairs for Liberty Utilities. I am employed	
16		by Liberty Utilities Service Company, and in	
17		my role I am responsible for rate-related	
18		matters for Granite State Electric.	
19	Q.	And you participated in the drafting of the	
20		testimony that's been marked as Exhibit 1; is	
21		that correct?	
22	Α.	(Tebbetts) Yes.	
23	Q.	Do you have any changes to the portion of	
24		your testimony for which you were	

11 responsible? 1 2 Α. (Tebbetts) No. And do you adopt that testimony, written 3 Q. testimony, as your sworn testimony this 4 5 morning? (Tebbetts) Yes. 6 Α. 7 Thank you. 0. 8 Ms. Green, same question. Can you please introduce yourself? 9 10 Α. (Green) Heather Green. 11 And your position with the Company is what? Q. 12 (Green) Manager of vegetation management. Α. Did you participate with the other people 13 Q. 14 next to you in the drafting of the testimony 15 that we have marked as Exhibit 1? 16 (Green) Yes. Α. 17 Q. And do you have any changes or corrections to the testimony that you'd like to bring to the 18 Commission's attention this morning? 19 20 (Green) Bates Page 12, Line 18, it's missing Α. 21 the word "not" as the third word in the line. 22 And just read the sentence so we --0. 23 (Green) "The workforce issue is [not] limited Α. to New Hampshire, New England, or East Coast 24

- 1 phenomenon."
- Q. Thank you. With that correction, do you
- adopt your written testimony as your sworn
- 4 testimony here today?
- 5 A. (Green) I do.
- 6 Q. And very briefly, is it fair to say that the
- 7 request in this docket is for the Commission
- 8 to approve the proposed 2022 budget and the
- 9 work plan that builds that budget? Is that
- 10 correct?
- 11 A. (Green) Yes.
- 12 Q. We heard last week about the various issues
- in completing the work in 2021, and it's a
- significant portion of the testimony here.
- We are now four months into 2022. Can you
- 16 just briefly tell us where the Company
- 17 stands?
- 18 A. (Green) We have completed 42, approximately
- 19 42 miles and approximately \$700,000 worth of
- work.
- 21 Q. And based on the plan for all of 2022, do you
- 22 consider that to be on track?
- 23 A. (Green) Yes.
- 24 Q. Part of the rest of the work in 2022

- requires -- is based on new contractors

 starting work soon; is that fair?
- 3 A. (Green) That is correct.
- Q. And are you comfortable that those new contractors will do the work that you expect them to do for the balance of 2022?
- 7 A. (Green) Yes. Before we put out the bids, we did ask them if they had workforces and time, and they responded they did.
- 10 Q. And you expect -- and those bids, as I

 11 understand it, are coming back this week. Is

 12 that correct?
- 13 A. (Green) Yes.
- Q. So when you pick a winner, you expect that
 company, based on your conversations, to have
 the people to do the work that they're
 bidding to do.
- 18 A. (Green) Correct.
- Q. And as I understand it, there's also a new piece of equipment that will be available to the Company for the first time this summer; is that correct?
- A. (Green) That is correct. We'll have both
 mechanized mowers and mechanized pruners on

- our system for roadside work.
- Q. That's not something we've had available to
- 3 us in the past; is that fair?
- 4 A. (Green) That is correct.
- 5 Q. Thank you.
- 6 Mr. Steele, please introduce yourself
- 7 and describe your position with Liberty.
- 8 A. (Steele) Good morning. My name is
- 9 Christopher Steele. I am the senior director
- of electric operations for Liberty Utilities.
- 11 Q. And Mr. Steele, you are relatively new to
- 12 Liberty; is that correct?
- 13 A. (Steele) That is correct.
- 14 Q. You started when?
- 15 A. (Steele) I became employed with Liberty
- 16 Utilities April 12th, 2021.
- 17 Q. And prior to working for Liberty, you spent
- 18 your career in Florida for Tampa Electric; is
- 19 that correct?
- 20 A. (Steele) That is correct. I spent over 21
- 21 years with Tampa Electric Company in various
- leadership roles throughout the organization
- in operations.
- 24 Q. And somehow you managed to get through 20

- 1 years without ever testifying; is that
 2 correct?
- A. (Steele) That is correct. This is my first time testifying this morning.
- Q. And Mr. Steele, did you participate in the
 written testimony with the two Heathers next
 to you that we've marked as Exhibit 1 this
 morning?
- 9 A. (Steele) Yes, I did.
- Q. And do you have any corrections that you'd like to bring to the Commission's attention to that written testimony?
- 13 A. (Steele) No, I do not.
- Q. And do you adopt that written testimony as your sworn testimony today?
- 16 A. (Steele) Yes, I do.
- Q. And the one topic that I mentioned to the
 Chairman that we could spend two minutes on
 has to do with the discussion that began last
 week over the Company being on a
 four-year-cycle versus a five-year-cycle.
- Were you present in the room last week when that conversation occurred?
- 24 A. (Steele) Yes, I was.

16 Q. And is it fair to say the Company's currently 1 on a four-year cycle, meaning it intends to 2 trim one fourth of its lines each year? 3 (Steele) No, they are not. 4 Α. But we're supposed to be. 5 Q. 6 Α. (Steele) We are supposed to be. That is 7 correct. 8 Q. And that was part of the settlement Agreement 9 in the last rate case, was that we would continue a four-year-cycle that had started 10 some years prior. 11 (Steele) That is correct. 12 Α. And I think the question came from the Bench, 13 Q. 14 "Has the Company considered moving to a 15 five-year-cycle?" Do you recall that? 16 (Steele) Yes, I do. Α. And having a week to think about that 17 Q. further, can you just give us a high-level 18 19 description of what the Company intends to 20 do -- well, let me break that into pieces. 21 The work plan that's before the 22 Commission today in the 2022 budget calls for 23 a certain number of miles to be worked; is

that correct?

- A. (Steele) That is correct. We are expecting

 153 miles in 2022.
- Q. And that is based on the budget that we proposed and the workforce that's available to do that work; is that fair?
- 6 A. (Steele) That is correct.
- 7 Q. If you had twice as much money, could you do 8 twice as much work?
- 9 A. (Steele) No, I could not.
- 10 Q. And that's because of the workforce issues?
- 11 A. (Steele) That is correct. We would be unable

to obtain the vegetation management crews and

allow for provisions. When we think about

- where we are in the year, already being
- approximately halfway through the year, it
- 16 would be impossible to -- it would be very
- hard to obtain that we could trim double the
- amount of miles if given additional money.
- 19 Q. Is it fair to say that the plan for 2022,
- although we are supposed to be on a
- 21 four-year-cycle, is consistent with a
- 22 five-year-cycle?

12

- 23 A. (Steele) That is correct. Listening to
- Ms. Green and hearing about the mechanized

- trimmer, there is an opportunity for
 additional efficiencies. There's a potential
 that Liberty Utilities could trim up to
 175 miles this year, which would put Liberty
 Utilities on a five-year-cycle.
- Q. Would you, as the ultimate person ultimately responsible for the work, vegetation work done by Liberty, prefer to be on a four-year -- a five-year-cycle beginning now?
- 10 A. (Steele) Yes, I would.

16

17

18

19

20

21

22

23

- 11 Q. I understand that's not a formal request in
 12 this petition. But it was a topic discussed
 13 last week, and it is something you would like
 14 to do.
 - A. (Steele) That is correct. I believe when we think about our customers and what is best for the customers, our system and the efficiencies, that a five-year-cycle makes sense. We would be very open to transitioning to a five-year-cycle now and beginning that work in a separate forum.
 - Q. And regardless of what can happen either in this docket or now, it is the Company's intention to formally request to move to a

```
19
1
         five-year cycle in the rate case that we
2
         expect to file next summer; is that correct?
         (Steele) That is correct.
3
    Α.
                   MR. SHEEHAN: Thank you. Those are
4
5
         all the questions I have.
6
                    CHAIRMAN GOLDNER: Thank you, Mr.
7
         Sheehan.
8
                    Move to cross-examination, and I'll
9
         recognize Mr. Dexter.
10
                    MR. DEXTER: Thank you, Mr.
11
         Chairman. I have some prepared questions,
         but I want to start with some impromptu
12
         questions based on the direct that I just
13
14
         heard.
15
                      CROSS-EXAMINATION
16
    BY MR. DEXTER:
17
         Ms. Green, you mentioned that there are some,
         quote, new contractors that will be on the
18
19
         system soon. Can you describe who those
20
         contractors are and what they will be doing?
21
         (Green) There are two circuits in Salem that
22
         are approximately 30 miles. So we have put
23
         out to bid those two circuits.
24
         contractors, you want the names of the
```

- 1 contractors that are bidding?
- Q. Well, so I guess a couple of questions. It
- 3 sounds like they're not under contract, but
- they're responding to bids; is that accurate?
- 5 A. (Green) Correct.
- 6 Q. Okay. So is this in addition to the work
- 7 that was described in Exhibit 1, which is
- 8 your testimony, which, as I recalled, was
- going to be done by Asplundh and -- by
- 10 Asplundh alone, I believe; is that right?
- 11 A. (Green) I don't know if that was put in the
- 12 testimony that it was Asplundh alone.
- 13 Q. Well, let me phrase it this way: When we get
- into the testimony in Exhibit 1, we'll see
- that the plan calls for 153 miles of planned
- 16 cycle trimming; correct?
- 17 A. (Green) Correct.
- 18 Q. Okay. Is the RFPs that you described on
- direct, is that in addition to the 153 miles,
- or is that part of the 153 miles?
- 21 A. (Green) That is part of the 153 miles.
- 22 Q. And if I were to get into Exhibit 2, I
- believe, which is the contract with
- 24 Asplundh -- and I don't think this is

- confidential -- weren't they under contract to do all the work in 2022?
- 3 A. (Green) They were.
- Q. So have circumstances changed? Are they

 not -- is it not the plan for Asplundh to do

 the work as laid out in Exhibit 2 under

 contract?
- 8 A. (Green) Part of that conversation was for
 9 them to secure the additional workforce, and
 10 they have not been able to do that. So we
 11 want to get the work done, so we got -- we
 12 are moving forward with getting additional
 13 workforce to get that work done.
 - Q. Okay. Thanks. So we'll get into that more as I go through the prepared questions that I had.

So I want to get back to the basics, and I want to start on Exhibit 1, Bates 23, which is Appendix 1. And I would like to ask you to confirm that the plan that's presented before the Commission today for approval calls for 153 miles of cycled trimming. Is that right?

A. (Green) Yes.

14

15

16

17

18

19

20

21

22

23

- Q. And that appears on Line 2, in the column labeled "2022 Proposed Expenses"; correct?
- 3 A. (Green) Yes.
- Q. Okay. And the dollar figure that was
 estimated back in November of 2021 when this
 exhibit was put together was \$3,069,000
 correct?
- 8 A. (Green) Yes.
- 9 Q. Okay. And that budget -- none of that either
 10 planned miles or budget figures need to be
 11 updated at this time; correct? Those are
 12 still the correct budgeted figures?
- 13 A. (Green) Correct.
- Q. Okay. And we've discussed this in last
 week's hearing, as well as a couple of the
 technical sessions, so some of this may sound
 repetitive, but I just want to make sure I
 get it on the record today.

Liberty Utilities is operating under a four-year trim cycle as a result of the rate case settlement established in DE 19-064; correct?

23 A. (Green) Yes.

19

20

21

22

24 Q. And what four years were covered under that

- 1 four-year cycle that was set out in that
- 2 19-064 settlement?
- 3 A. (Green) 2021 to 2024.
- 4 Q. So 2021, last year, how many miles -- when
- 5 that settlement was arrived at, how many
- 6 miles were planned for 2021?
- 7 A. (Green) Two hundred thirty-five.
- 8 Q. And how many were planned for 2022?
- 9 A. (Green) I don't have that number. Can I give
- a number that's in the -- 202? The 202 is
- 11 what's in my mind.
- 12 Q. Two hundred and two?
- 13 A. (Green) Yes.
- 14 Q. Do you know for 2023 and 2024 how many miles
- 15 are planned?
- 16 A. (Green) I do not.
- 17 Q. Does anybody else on the panel?
- 18 A. (Green) Give me one moment.
- 19 (Witness reviews document.)
- 20 A. (Green) I believe 214 and 219.
- 21 Q. So if I added all those up, I get to 860 or
- 22 so miles. Does that cover the entire system?
- 23 A. (Green) It should come to about 874, which
- are roadside miles. We have approximately

- 1 917 overhead distribution miles, so the
- difference there would be supply line or
- 3 off-road, non-roadside miles.
- 4 Q. So if I understand, the 874 miles is the
- 5 roadside trimming, and that's on the
- four-year cycle; correct?
- 7 A. (Green) Correct.
- 8 Q. And in addition to that, there are some
- 9 overhead distribution lines. Is that what
- you call "Sub-Transmission" on Exhibit 1,
- 11 Appendix 1?
- 12 A. (Green) Yes.
- 13 Q. And how many miles are those?
- 14 A. (Green) The difference would be... I had that
- 15 number in my head earlier. Forty-three.
- 16 Q. Forty-three. And that's on a four-year cycle
- 17 also; correct?
- 18 A. (Green) Yes.
- 19 Q. Okay. So in this case, rather than the
- 20 202 miles that was contemplated in the rate
- case settlement, 153 miles is proposed for
- the roadside cycle trimming; correct?
- 23 A. (Green) Yes.
- 24 Q. And why is less than the 202 miles proposed

- 1 in this case?
- 2 A. (Green) To meet the budget constraints and the workforce constraints.
- Q. So let's talk first about the budget
 constraints. Would you describe the budget
 constraints, please.
- 7 A. (Green) How so?

16

17

18

19

20

21

22

23

- Q. Well, you said that the reason that less
 than -- that 153 miles was proposed instead
 of 202 miles as contemplated in the rate case
 settlement. And when I asked you why, you
 said it was due to budget constraints. So my
 question is if you could provide more detail
 about those budget constraints, please.
 - A. (Tebbetts) So for a little bit of background, in Docket DE 19-064, we had a test year that provided for about \$1.9 million in spending after Consolidated paid their share of the trimming costs, based on a contract we had with them at the time. During that period of the rate case, we found out that, and after settlement negotiations were I believe completed, we found out that Consolidated would no longer be paying a portion of the

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

trimming costs. With that, we still entered into the Settlement Agreement, and it was approved to spend 2.4 or so million dollars a year in trimming costs for vegetation management.

So in 2020, when that settlement was approved, we went out to bid to find a contractor who could meet that dollar value and still get the roadside trimming completed. And so we were able to find someone who bid that budget. And so when Ms. Green talks about budget constraints, as we described in our hearing in our vegetation reconciliation plan last week, unfortunately Clearway did not work out as the contractor. And because they didn't work out, we had to pivot and make some decisions on what we were going to do about trimming, and we had to hire some contractors, who did not fit what we had planned on doing with regards to spending. And so when Ms. Green talks about the 2022 plan, we had anticipated Clearway to be part of this process for four full years. Unfortunately, that didn't work out.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

So looking at the dollars that we anticipated to spend over the period of the four-year cycle, Ms. Green, if you want to further describe, you know, those pieces of it that we had to cut back on, given that the costs associated with hiring Asplundh and other bidders along the way has increased our costs.

(Green) So the budget constraints go back to Α. our experiences in 2021. And we were -- as Ms. Tebbetts replied, we had found a solution that met the budget requirements with a contractor. Since that contractor is not on property any further, the same work comes in at another million dollars more, and the workforce is also not available. So when -as we adjust and pivot to the next available resource, whether it be the financial resource or the workforce resource, we've adjusted to meet the allocations and the funding that we have. Initially we had a plan to exceed the 2.4 -- 2.2 plus 10 percent -- to accomplish more miles than what you can obtain with 2.2. So in working

with the restrictions of what it truly costs after the rate case, the bid numbers came in significantly higher, and Clearway was the only one that came in at the bid -- at the budget allocation. And I believe in the testimony it has the percentage of increase the next bidders were.

So the cost of doing work is significantly higher than was experienced previously. The loss of Consolidation credits is impacting us in the hundreds of thousands. The cost of doing work, loss of Clearway, I believe that answers the question.

Q. Yes, thank you. And then the second thing that you mentioned when I asked why 153 miles was proposed in this case as opposed to the 202 miles that was contemplated in the rate case settlement, the second factor you cited was workforce issues I think was what you said. Could you describe those. And if we've gone over this before, maybe you can just summarize what those workforce issues are.

A. (Green) The trade industry in general is experiencing lack of recruitments. Arborists or tree workers being one of those trades is no exception. Before the trades were experiencing issues, the whole arborist community had a concern and a high priority drive to work to recruit new people into the industry.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Q.

Okay.

So, first of all, there's not a lot of people out there that do the work that we need them to do that are skilled. Secondly, people in the entire world seem to have a concern or lack of ability to fill their workforce needs. We are seeing, I think I heard 10 percent -- and I can't remember the But those are 10 percent of positions word. that are vacant and actively being pursued to be filled in our local contractors' world. So the contractors are having a hard time filling those positions. And those that were on our system left the industry completely or went where they can get more pay. So there is a competition to fill those seats.

Thanks for that summary.

```
30
               So again, I'm still on Appendix 1, which
1
         is Exhibit 1, Bates Page 23. And there's a
2
         column here labeled, "2022 Fully Funded
3
         Expenses," 356 miles at 5.471 miles --
4
5
         $5.471 million. Do you see that?
         (Green) Yes.
6
    Α.
7
         Is it fair to say that that level of trimming
    0.
         on Line 2, 356 miles, is not contemplated and
8
         is not proposed in this case?
9
         (Green) That is correct.
10
    Α.
         Is it fair to say that that's more for
11
    0.
         illustrative purposes, to indicate what it
12
         might cost if you were to attempt to do the
13
         356 miles?
14
15
         (Green) Yes.
    Α.
16
         And I think Mr. Steele touched on this
17
         earlier. In fact, it's the Company's
         position that that's just not achievable,
18
         either the miles or the budget, given the
19
20
         current work conditions that you described.
21
         Is that fair? I think -- let me just leave
22
         it at that.
23
         (Steele) That is correct.
    Α.
```

Okay. And I believe the way Attorney Sheehan

24

Q.

- 1 phrased it was, even if money wasn't an
- issue, you know, would you be able to do more
- miles, or something like that. And your
- answer was "No"; correct?
- 5 A. (Steele) That is correct.
- 6 Q. Okay.
- 7 A. (Steele) We would be unable to secure the
- 8 resources to do the work.
- 9 Q. Okay. So does the 153 that's proposed
- 10 represent a balance of what -- not a balance,
- but represents what's achievable in 2022?
- 12 A. (Steele) That is correct.
- 13 Q. And I think I heard you say that with some
- 14 efficiencies, that that number may go up to
- 15 175 miles or so. But that's within a
- bandwidth, if you will, a reasonable
- 17 bandwidth of 153 miles?
- 18 A. (Steele) That's correct. When you heard
- Ms. Green talk about issues in the workforce,
- the workforce, as you know, with less folks,
- they are also determining different ways to
- accomplish the same work -- i.e., mechanized
- 23 trimming. And it allows for efficiencies
- 24 potentially with the same amount of folks

- trimming. So there's a potential there that
 we would see those efficiencies and therefore
 get closer, get a few more miles within a
 realm of reasonableness.
- Q. Can you describe briefly what the mechanized trimming and mechanized pruning involves as compared to what you've had available to you in the past?
- 9 A. (Steele) I'm not an expert on that. If I
 10 could turn that to Ms. Green --
- 11 Q. Sure. The question is to the panel.
 12 Absolutely.
- 13 A. (Green) And the question again was describe 14 the process?
- 15 In other words, in your testimony you Q. Yeah. 16 mentioned that you now have access to 17 mechanized mowers and pruners for roadside If you would, just give a brief 18 19 description of what that is and how that 20 compares to the way the work's been done in the past years. 21
- A. (Green) Previously -- well, typically work is
 done with a human in a bucket truck raised up
 to the canopy to do the pruning. With some

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

of this new machinery that's been slowly being introduced into the industry, you can operate a mower head on an arm. Almost like a video game, you operate it from the ground in the bucket of a cab. And because they don't have to elevate themselves and they don't have to reset the truck and the outriggers every couple feet, it can actually drive down the right-of-way, the roadside and off-road and make those cuts. So some of the efficiencies we've seen is one to six miles done in a week by this machine, one crew; whereas that same crew in a bucket, setting up, pruning, going down, setting up, is maybe eight-tenths of a mile in that same week. we have some efficiencies. What we do lose, and some of the hesitation to use it previously, is some of the quality cuts that we like to see professionally. So we're losing a little bit in quality, but it's reasonable given the situation that we're in. So if I understood that, there's no longer a Q. human up in the bucket. There's a machine --(Green) There is a human behind a joystick in Α.

- the cab. So there's still a human involved,
 but it has a mechanized arm with a saw.
- 3 Q. Okay. Thanks for that description.
- 4 A. (Green) Can I add one more thing?
- 5 Q. Sure.

20

21

22

23

- (Green) Additionally, by mowing, there's some 6 Α. machines that can mechanically mow the 7 8 right-of-way for the flat cutting we described, the brush, the capable brush that 9 goes up. So by putting a machine to do that, 10 11 we get some efficiencies as well. And that technology has improved as well. We've only 12 used the mechanized mower on the off-road 13 supply line this last year. So putting that 14 15 on our roadside allows us, once again, 16 efficiencies because a tree worker doesn't 17 have to be bending over with a chainsaw to cut that piece by piece. 18
 - Q. Okay. Turning back to Appendix 1 again,
 Exhibit 1, Bates 23. What's not on Appendix
 1 is a column that would show 202 miles,
 which as we discussed was contemplated in the
 settlement, and a breakdown of the costs.
 Did the Company prepare such an analysis?

- A. (Green) I did not prepare a full budget for 202 miles.
- Q. Okay. In the testimony on Exhibit 1, Bates
- Page 19, at Lines 10, 11, 12, 13, in that
- 5 area, there's a statement about the
- difference between the budget that's in
- 7 Appendix 1 of 3,069,000 and the rate case
- 8 allocation of 2,420,000. That difference of
- 9 649,000 will, quote, come from earnings
- and -- well, it says will come from earnings.
- 11 Can you explain what that means?
- 12 A. (Steele) Mr. Dexter, I'm going to take that
- question, if that's okay.
- 14 Q. Sure. All my questions are to the panel,
- 15 so --
- 16 A. (Steele) Okay. My apologies.
- 17 Q. No, no problem at all.
- 18 A. (Steele) Rookie mistake.
- 19 Q. No problem at all.
- 20 A. (Steele) The word "earnings" in this term --
- in this context, the team at Liberty, when we
- looked at the budget, looked to the 2.4
- million, and we thought about what was
- important to the operation of the Company.

```
And we knew going into 2022 that 2021, with
1
2
         Clearway leaving us, losing approximately two
         months in a strong cycle by the time Asplundh
3
         could re-mobilize, that we were going to have
4
         less miles. And I challenged my entire
5
         organization at Granite State to find
6
         efficiencies within the business to fund
7
         additional tree trimming. So it was within
8
         my operations budget that we found
9
         efficiencies in the business, but not to
10
11
         sacrifice safety, life, and commercial
         operation of the company. We were able to
12
         find small efficiencies throughout the
13
14
         business to make available approximately
15
         600,000 for us to spend on vegetation
16
         management as opposed to just typically
17
         spending approximately 2.4 million.
         And I take it from that statement that this
18
    Q.
         will come from earnings, that there was not
19
20
         an attendant request to then come in and
21
         increase the allotment in rates to make up
22
         for that 649,000; right?
         (Steele) That is correct.
23
    Α.
         In other words, there's no rate request in
24
    Q.
```

1 this docket.

- 2 A. (Steele) No, there's not.
- Okay. Okay. Now, last week there was a rate 3 Q. request, in the sense that there was \$549,000 4 5 that was unspent in 2021, and the Company asked for authority to defer that money for 6 7 future veg management expenditures, a request 8 that in fact the Department of Energy recommended as a good idea. Do you recall 9 that? 10
- 11 A. (Tebbetts) Yes.

15

16

17

18

19

20

21

22

23

24

Q. And what is the Company's proposal -- let me rephrase that because there's no proposal.

We established that.

What is the Company's plans for the \$549,000 that you requested to be deferred?

A. (Steele) The Company's plans are to spend approximately \$3 million to trim 153 miles, with the potential to spend -- with the potential to trim up to 175. That's our plan. That's what we've worked out. It's coincidental -- and I think that's important -- that the number we put in the budget is the same number when you kind of do

the math, that that's what customer -- that's
what we had already collected. That was
unknown at the time.

- A. (Tebbetts) So as of the date of this filing, which was November 15, 2021, we had not completed our 2021 year for vegetation management. And so we did not anticipate at the time we would have collected the \$2.42 million and have \$549,000 left over from that collection to be then put towards 2022.
- Q. Okay. So there's -- again, I'm trying to nail down these miles, as we've tried to do over the last couple weeks. And there's a couple more miles figures in the testimony I want to ask you about because I don't understand where they come from.

So if I go to Bates Page 19 at Line 9, there's a statement that says -- well, it starts, actually, on Line 7 or Line 6. It says for calendar year 2022, Liberty identifies a cost of \$5.4 million, and it references Appendix 1, to continue with the four-year cycle and catch up on 2020 and 2021

- deferred miles, for a total of 376 miles -I'm sorry, 276 miles. I would have expected
 that Line 9 to say for a total of 356 miles,
 as shown on Appendix 1. Am I missing
 something, or should that be 356 miles?
- 6 A. (Green) One moment.

19

20

21

22

(Witness reviews document.)

- (Tebbetts) So I actually think that number 8 Α. should say 203. The way the sentence should 9 read is -- what we're explaining here is 10 11 we're trying to catch up on those deferred miles from previous years. 12 So that should say 203 miles, not 276. That number should 13 14 match Line 1 -- that number should match Line 15 1 in the column, "Calendar Year 2022 Proposed 16 Expenses," on Bates 23. So what we're 17 summing is the total deferred miles, not the total miles to be trimmed. 18
 - Q. Okay. And so where does the 203 total of deferred miles come from? When did -- over what period of time, if you could break that down by year I guess is what I'm asking.
- 23 A. (Green) The way that was calculated is this 24 proposal of 153, when we identified those

- circuits that would be worked, and we 1 identified all of the circuits that hadn't 2 been worked to that date but intended to be 3 worked to that date, when you add the mileage 4 of those circuits that did not meet the 5 schedule, that's where you get the 203. 6 7 And do you know over what period of time that 0. 203 total of deferred miles accrued? 8 (Green) So each circuit, the only -- the 13L3 9 Α. 10 probably is the oldest one and had some 11 difficulty with Clearway, so that half of that deferred forward. 12 From what time frame? 13 Q. (Green) 2020, which should have been done, 14 Α. 15 completed by March of 2021. That's in Salem. 16 (Witness reviews document.)
- 17 A. (Green) The remainder consists of many from 2021 and also from 2022.
- Q. So this can't have included work deferred from 2022 because this document was put together in 2021; correct?
- A. (Green) No, it is work that should have been done in 2022, was not in the plan. So that is also included.

```
41
    Q.
         Okay. So this includes both actual and
1
         projected deferred work from 2020, 2021 and
2
         2022, for a total of 203 total miles of
3
         deferral; is that correct?
4
         (Green) Yes.
5
    Α.
         All right. Now, I think we've established in
6
    0.
7
         2021, 234 miles were planned; correct -- or
8
         235 miles were planned you said today.
        (Green) Yes.
9
    Α.
         And 90 miles were accomplished; correct?
10
    0.
11
         covered that last week.
         (Green) I think it was 84 we're thinking.
12
    Α.
         Eighty-four miles was?
13
    Q.
                (Witness reviews document.)
14
15
         (Green) Yes.
    Α.
16
         So then I get a number of miles deferred from
         2021 of 151 miles.
17
                              That's 203 minus 84.
         Does that sound right?
18
19
    Α.
         (Green) Say that one more time, please?
         Is it correct that 151 miles of work was
20
    0.
21
         deferred from 2021? That's 235 minus 84.
22
                (Witness reviews document.)
23
         (Green) Yes.
    Α.
24
         Okay. All right. So one more quick question
    Q.
```

{DE 21-138} [HEARING] {04-26-22}

```
on the miles from the testimony.
```

Now looking down -- again, I'm back on Bates 19, and I'm on Line 12 and 13. And there's a sentence that says, "This will allow the Company to complete 162 miles of trimming in 2022." I would have expected that number to say this will allow the Company to complete 153 miles of trimming in 2022 so that it matches Appendix 1. Could you explain why those two numbers aren't the same?

- 12 A. (Green) Clerical error. It should be 152 -13 53.
- Q. So the testimony should be corrected to say
 "153 miles." So there was no intended
 difference there.
- 17 A. (Green) Yes.

18 Q. Okay. Excellent. Thanks.

Now, again, and I'm not trying to embarrass anybody. I'm just trying to figure out what's going on, 'cause there's a lot of miles in here, and I think the deferred miles is very important.

So on Bates Page 11, on Lines 17, 18 and

- 19, it says in 2021 the Company deferred an additional 74 miles to 2022 as a result of the contract issues and subsequent workforce issues in 2021. I think based on the prior discussion that number is low and that it should 151 miles, based on what you just answered. Is that correct or, again, is there something I'm not seeing?
 - A. (Tebbetts) So at the time, as we described earlier, when this was filed, we had anticipated -- I think we described this last week at our hearing. We still had anticipated other companies coming on property and that they were going to complete those extra miles. It subsequently happened that they did not come on property to complete the miles. So at the time, this was correct. But now we can see it's no longer the case.
 - Q. So you would agree, then, as we established earlier, the actual number of miles deferred in 2021 was more like 150 miles and not 74, as projected at the time.
 - A. (Tebbetts) That's correct.

- Q. Okay. All right. Thank you for clearing that up.
- So moving from the miles to the actual 3 cost categories on Exhibit 1, Appendix 1, 4 which is Bates 23. On Line 4 there is an 5 amount for work planners for vegetation 6 7 management. And again I'm taking some 8 information from the case last week, which was the 2021 reconciliation. 9 The number that's proposed on Line 4 is 350,000 --10 11 351,000. That's very close to the actual number from 2021, which was 360,000. 12 13 you agree?
- 14 A. (Green) Yes.

1

- 15 Q. Now, I believe what I took from last week's
 16 hearing was that, for the \$360,000 that was
 17 spent on work planning in 2021, a lot of that
 18 would apply to 2022 because the actual
 19 trimmed miles in 2021 were so much lower than
 20 what was planned. Do I recall that
 21 correctly?
- 22 A. (Green) State the question one more time?
- Q. Sure. Last week, I believe I recall the panel, a slightly different panel, testifying

- that a lot of the work planner work that was
 done in 2021 would apply to work that would
 be accomplished in 2022. Is that right?
 - A. (Green) The work planning work does not align directly with the performance of work. So it's done ahead of time. So, yes, some of the work was for 2021, some of the work was for 2022, and some of the work is for 2023.
 - Q. Okay. So I would have expected that this number 350,750 would be lower because of what was done in 2021. But you're saying that's not the case.
- 13 A. (Green) Correct.

Q. So, concerning the Asplundh workforce, in your testimony on Exhibit 1, Bates 12, you have reviewed the number of crews that Asplundh has made available to Liberty Utilities over the past several years. And that appears in the paragraph in the middle of the page, starting at Line 8. And it says, does it not, that in 2018, Liberty had access to 10 Asplundh crews? Doesn't actually say Asplundh. But is that correct, 10 Asplundh crews?

- 1 A. (Green) Yes.
- Q. And it skips 2019, but it says in 2020 you
- had seven or eight crews; is that right?
- 4 A. (Green) Yes.
- Q. And that in 2021 you had -- well, the way
- it's phrased is you had difficulty keeping
- six crews on the property. So I gather that
- 8 means six or fewer, depending what was going
- on at the time; is that correct?
- 10 A. (Green) Yes.
- 11 Q. In 2022, can you explain what's going on in
- the field right now, in terms of number of
- 13 crews either from Asplundh or from the other
- 14 resources that you are currently in the
- 15 bidding process for?
- 16 A. (Green) We have increased by a crew. And one
- of the crews is transitioning over to the
- 18 training on the mechanized pruner, which is
- 19 equivalent to three crews, potentially.
- 20 Q. I'm sorry. I didn't follow that, so I'm
- going to ask you to restate it or break it
- down.
- When you said "add an additional crew,
- could you just give me the absolute numbers,

- 'cause I don't know what the starting point
- 2 is.
- 3 A. (Green) Oh. We have seven crews.
- 4 O. Seven crews?
- 5 A. (Green) Six doing the maintenance work and
- one performing hourly work.
- 7 Q. Well, I guess I want sort of an
- 8 apples-to-apples as to what's laid out on
- 9 Bates Page 12, just to get an idea of where
- 10 you stand.
- 11 A. (Green) Seven.
- 12 Q. Seven? Okay. Well, that sounds encouraging.
- 13 A. (Green) It is.
- 14 Q. Okay. Good. And that includes the
- 15 mechanized crews that you were talking about;
- 16 correct?
- 17 A. (Green) Yeah, one of those seven crews who
- 18 used to run a bucket will now run the
- 19 mechanized equipment.
- 20 Q. And you expect that to come from Asplundh and
- other contractors to be secured in the near
- 22 future; is that right?
- 23 A. (Green) Correct.
- 24 Q. Okay. And we've covered this I think in tech

sessions, and maybe last week, but I just want to get it on the record in this case.

On Bates Page 13, you reference the PUC rules establishing the corridor, PUC Rule 307.10. Would you agree that that rule went into effect in 2014?

A. (Green) Yes, as I understand.

Q. Okay. So in the data request, we had asked the Company to provide the reliability statistics that had been provided in past similar dockets. And the Company did that, and they have been marked as Exhibit 6 and 7 in this proceeding.

So I would like you to go to Exhibit 6, if you would, which was the response to DOE 1-8. And there are some SAIDI and SAIFI figures here for 2019, 2020 and 2021. Would you please provide an interpretation of those figures, as it indicates reliability. In other words, what do these figures show us?

A. (Steele) These figures, particularly when you look at them, SAIDI is your system average indices [sic] duration index, and SAIFI is your system average indices [sic] frequency

- SAIDI is the expected duration that a 1 customer is out. SAIFI is the number of 2 events or how many times. So if you were to 3 look at these numbers, it says that 4 tree-related outages for Liberty Utilities in 5 2021 was 77 -- 72.52 minutes. It's not the 6 total amount of SAIDI minutes, but that is 7 the SAIDI associated with tree-related 8 9 outages. The SAIFI, the frequency, is .4. So each customer sees approximately a half of 10 11 an outage, that frequency.
- 12 Okay. Thank you. And then going to Q. Exhibit 7, which is the Company's response to 13 data request DOE 1-9, it's a four-page 14 15 exhibit. I'd like to go through the third 16 page of the exhibit where there's a chart. 17 And could you interpret this chart for us, and then I'll ask you to comment on how this 18 19 compares to the previous exhibit. 20 guess I'll start first with could you 21 interpret this chart for us.
 - A. (Steele) Yes, I can. What this chart shows, and unfortunately mine is not in color, but what it shows is the last -- since 2017 all

23

```
the way to 2021, Liberty Utilities
1
         reliability indices based on, and there are
2
         four different categories. SAIDI and SAIFI,
3
         those are our metrics that we report
4
         quarterly to the PUC. And what you're seeing
5
         is a total number, SAIDI total. So, for
6
         example, talking 2021, that solid line shows
7
8
         114.46, and the dashed line shows -- the
         solid line shows .69.
9
              Now, in relation to the question you
10
11
         just asked us, that SAIDI number of 72.52 is
         a portion of the total of 114.46, as is the
12
```

Q. Okay. And are these numbers that are shown across the years the values -- I'm on Exhibit 7, Page 3, the chart with the bars. Are those individual years, or are those running five-year averages?

13

14

15

16

17

18

19

20

21

22

23

24

SAIFI number of .4 is a portion of the .69.

- A. (Steele) Those are individual performance metrics year over year.
- Q. Okay. And if I understood what you said about frequency and duration, it looks like in 2021, the solid line, which is SAIFI, which is frequency, that number was lower

- than the value in 2020; correct?
- 2 A. (Steele) That is correct.
- 3 Q. And the SAIFI line -- I'm sorry. The SAIDI
- 4 line, which is duration, that number in 2021
- 5 was higher than 2022; correct?
- 6 A. (Steele) That is correct.
- 7 O. And in both instances the goal is for these
- numbers to go down; in other words, shorter
- 9 duration and fewer frequency as the goal is
- 10 better; correct?
- 11 A. (Steele) Yes.
- 12 Q. Okay. And so in this case we have one index
- going, I'll say in the wrong direction, and
- one index going in the right direction. Can
- 15 you explain why that happened, if you know,
- if it's possible to just -- or maybe it's too
- 17 small a sample size or something.
- 18 A. (Steele) When you look at this and when you
- 19 look at the correlation, Liberty Utilities
- 20 has been investing in system-hardening
- 21 activities through its capital activities --
- i.e., tree wire, Hendrix cable,
- 23 performance -- items that improve system
- 24 performance. So if a tree limb were to

- quickly touch a bare conductor, that would cause a potential outage for a customer; however, with the tree wire, that will not cause an outage to a customer. What you're seeing in the SAIFI number is a result of that continued capital investment year over year, where our frequency of smaller outages is getting better. What you're also seeing is that when a tree falls, that duration is much longer. So that's what you're seeing in the SAIDI numbers. We had quite a few tree failures in 2021, quite a few winter storms, and that's the result of what you're seeing in the SAIDI performance number.
- Q. Right. Now, in the previous exhibit we were looking at, the smaller chart, and that was Exhibit 7, it indicates that -- so this is just tree-related data; correct?
- 19 A. (Steele) That is correct.

- Q. And the tree-related data for 2021, in terms of duration, is actually lower, which is better than 2020; correct?
- 23 A. (Steele) That is correct.
- Q. So how does that comply or compare to the

- answer you just gave about the overall statistics?
- A. (Steele) So, great question. The way that I
 would answer that is what you've had is
 larger, more mature trees falling, taking -even though it may be less, taking a longer
 duration to resolve the outage for the
- 9 Q. So, again, I'm back on Exhibit 6 --
- 10 A. (Steele) It also means that you had higher
 11 equipment failure outages. So while SAIFI is
 12 down, we did have other equipment outages
 13 that would drive that 114 up from the
 14 previous year.
- 15 Q. Oh, back on Exhibit 8 --

customers.

- 16 A. (Steele) That is correct.
- Q. All right. Do you have a sense -- the chart on Exhibit 8 only goes back five years. Do you have a sense of how that chart compares to what happened, you know, a decade or so ago when this, what I'll call REP-VMP program was implemented?
- 23 A. (Steele) No, I do not.
- Q. Okay. So I'm jumping around a bit, but I'm

- now back on Exhibit 1. And I want to go to
 Appendix 2. And I want to look at the
 section where we talk about the individual
- 4 circuits that are planned for trimming. And
- if I go towards the bottom of the page, I see
- 6 the 153 miles that's planned in total
- 7 actually written here as 152.93 miles. And
- if I look up above that, on Line 15, I see
- 9 Vilas Bridge No. 12, 55 miles. The Vilas
- 10 Bridge No. 12 is in the Charlestown/Bellows
- 11 Falls/Walpole area; is that correct?
- 12 A. (Tebbetts) I'm sorry. What Bates page are
- 13 you on?
- 14 Q. So I'm sorry. I'm on Bates Page 24 of
- 15 Exhibit 1.
- 16 A. (Tebbetts) Thank you.
- 17 A. (Green) Repeat the question, please?
- 18 Q. Yes. The Vilas Bridge No. 12, the 55 miles
- 19 of overhead distribution, are those circuit
- 20 miles?
- 21 A. (Green) Yes.
- 22 Q. Okay. Are those in the Walpole/Charlestown
- 23 area?
- 24 A. (Green) Yes.

- Q. Okay. And in the Company's least cost integrated resource plan docket, there was discussion of reliability issues in that area.
- My question is: Is the 55 miles of planned trimming intended or expected to improve that reliability situation?
- 8 A. (Green) It will assist in the immediate time 9 frame with some of the reliability issues.
- 10 Q. I'm sorry. You said it would assist in an
 11 immediate time frame? Is that what you said?
 12 I just couldn't hear you.
- 13 A. (Green) Yes, it will assist in the immediate
 14 time frame. The small dead oak limbs that
 15 fall, for example, those will be addressed,
 16 but then new dead oak limbs will form over
 17 the next couple years, as an example.
- 18 Q. Okay.
- 19 A. (Steele) In addition to that, if I can chime 20 in here real quick.
- 21 Q. Sure.
- 22 A. (Steele) Liberty Utilities has a requirement 23 that is due on May 2nd for the LCIRP, and we 24 have a comprehensive strategy to address the

```
Vilas Bridge area that addresses the
1
         consistent reliability problems that are in
2
         that area. It is approximately 55 miles of
3
         circuit, long winding roads, long single
4
5
         phases, small amounts of customers out there.
         We have taken the opportunity to take a step
6
         back and look at the reliability issues
7
         comprehensively, and that is coming in our
8
         LCIRP filing. I believe it's due May 2nd.
9
         Okay. But this trimming will be part of
10
    Q.
11
         that.
                Is that correct or not?
         (Green) No, this is just our routine work.
12
         Okay. All right. That completes the
13
    Q.
14
         Department's questions. Thank you.
15
                    CHAIRMAN GOLDNER:
                                       Thank you, Mr.
16
         Dexter. We'll move to Commissioner
17
         questions, beginning with Commissioner
18
         Chattopadhyay.
    INTERROGATORIES BY COMMISSIONERS:
19
20
    BY COMMISSIONER CHATTOPADHYAY:
         Good morning. So before I go to questions
21
    0.
22
         that I'd already planned, I was going to
23
         ask -- I'm just going to go over some
24
         questions that are impromptu based on what
```

was discussed.

2

3

4

5

6

7

8

9

10

So the first one -- just going to make sure I'm closer to the mic. There was some discussion about Asplundh, you know, did not secure or wasn't able to secure additional workforce, recall at the beginning today.

When that happens and then you go for somebody else, is -- are you saving money by not engaging Asplundh? That money will be used for the other provider?

- 11 A. (Green) That money would be allocated to the other provider.
- Q. Do you have an estimate of what that amount is?
- 15 A. (Green) I do not.
- 16 Q. Even a ballpark?
- 17 A. (Green) Oh, so what Asplundh's price was?
- Q. No. I'm just saying because they don't have
 the workforce, so they aren't able to do what
 they're meant to do, so what happens? Like
 if you had already earmarked some dollar
 amounts and you're not going to be using it,
 I want to get a sense of what that amount is.
- 24 A. (Green) An approximate 690,000.

- Q. I was listening carefully, and I would 1 2 say that you had gone through, like, the number of miles that were previously planned 3 for 2021 was 235 miles; then you had for 4 5 2022, 202 miles; you had for 2023, 214 miles; and for 2024, 219 miles. These numbers are 6 7 all based on a four-year trimming cycle 8 approach; right? 9 (Green) Yes. Α. Do you have a sense of what the number would 10 0. 11 be if it was five-year cycle trimming? 12 (Green) Approximately 175 a year. Α. Okay. So that's the average. 13 Q. (Green) Correct. 14 Α. 15 Let's go to, I think it was Bates Page 23, Q. 16 Exhibit 1. You may have already discussed 17 it, but it wasn't very clear to me. 18 Can you explain how you arrive at the 19 number 356 planned miles? Can you go through 20 that calculation?
- A. (Green) Maybe the easiest way is if you look
 at all the work that was planned in 2021 and
 2022 on that original plan and you subtract
 the work that had been completed or proposed,

[WITNESS PANEL: TEBBETTS|GREEN|STEELE]

59 1 that's how we came to 356. Would you agree that the plan had 235 miles 2 Q. for 2021 and 202 miles for 2022? I think you 3 already indicated that. So if I add them, 4 that's going to be 437 miles, subject to 5 check. 6 7 (Green) Okay. Α. 8 0. Right? And then you had mentioned -- so I'm just going to do it, multiply here... 437. 9 10 And then you had mentioned in 2021 you 11 ended up successfully trimming 84 miles; is that correct? 12 13 (Green) Yes. Α. 14 And you're planning to do 153. Q. 15 (Green) Yes. Α. 16 So the total would be 237; correct? Q. 17 Α. (Green) One moment. Eighty-four plus 153, the total has to be 18 Q. 237. 19 20 (Green) Okay. I was doing reverse math. Α. 21 Sorry. 22 So the difference between 437 and 237

{DE 21-138} [HEARING] {04-26-22}

Okay.

Yes.

is 200 miles.

Q.

Α.

23

- Q. So when you say deferred miles, 203, I'm a little confused about it.
- A. (Green) I believe this is just rounding that happens in the math.

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Q. Okay. I'm going to ask you to go back to

Bates Page 19 that DOE was walking you

through, and let's go back to Lines 6 through

9. And bear with me. I'll do the same here.

I really -- when I'm reading that sentence which starts at Line 6, for calendar year 2022, to me when that sentence ends in Line 9, I don't think it's 203 miles, because the way you've written it is deferred miles for a total of this. And then I'm trying to compare that with the expense that is shown in the first line, or the second -- in Line That is more about, if you go to Bates Page 23, it's the total that -- the expense is 5.471,624 million. So I would interpret in Bates Page 19, the number 276 miles should be... 356 miles. And I'm just -- it's a matter of interpretation. I think the way the sentence reads, it's a little bit confusing, okay.

- A. (Tebbetts) If I may comment? The sentence is poorly written, I would agree. The intent of this was to make note that we had to catch up on deferred miles. And as such, it should read 203. And I would agree it's poorly written. But that was the intent.
- 7 Q. Okay. Can you give me a sense of like, I
 8 think what I heard was about the mechanized
 9 equipment, the Company has purchased it;
 10 right? Is that correct?
- 11 A. (Green) No, the tree contractor has
 12 purchased --
- Q. The tree contractor. Okay. So I just wanted to make sure.
- So you wouldn't know how much that costs.
- 17 A. (Green) I do not.
- Q. No. Okay. So I'm going to go to the
 questions that I had from before. So I will
 go -- oops, just a moment. I'll go back to
 the Settlement Agreement that was approved in
 Docket 19-064. And I'm going to read the
 section on VMP, just part of it. And the
 sentence -- one of the sentence I'm going to

read first is this: "The base rate increase agreed to in this agreement includes an increase in the VMP spending to 2.2 million"
-- I'm using my words there rather than going with all the zeros -- "for 2020, which shall continue until changed in a future base rate case."

The way I'm reading it, it means that the base spending is going to be \$2.2 million until, every year until you reach the -- until you go to the next rate case. Will you confirm that that is a proper read of it?

A. (Tebbetts) Yes.

Q. Okay. And then the next sentence says, The Company shall not recover any VMP expenses that exceed 10 percent of that amount, or in excess of \$2.42 million through the annual reconciliation filing or otherwise.

And my interpretation is that if there is any spending that goes beyond \$2.2 million, up to \$2.42 million, those are to be considered in the reconciliation filing. Is that a good read of that?

A. (Tebbetts) Let me understand what you're

- saying. So you are suggesting that anything
 over \$2,420,000 shall not be recovered, and
 that up to that amount shall be recovered
 through our reconciliation filing. I believe
 I captured that correctly.
- 6 Q. Correct.

18

19

20

21

22

23

24

- 7 A. (Tebbetts) Okay. Thank you.
- Q. So it's part of the reconciliation filing.
 Okay. So that's what I was stressing, and
 you just repeated that.
- 11 A. (Tebbetts) Yes.
- 12 Q. Okay. I know this docket is largely about
 13 the budget, but I'm going to go back to an
 14 issue that's sort of bothering me a bit,
 15 which is the fact that Consolidated, you
 16 know, they're no longer paying anything.

Can you provide some sense of what avenues is the Company pursuing to make sure that a company that owns the poles 50 percent can do something about it? And I know that Attorney Sheehan is looking at me and he's going to say these witnesses are not expert on it. So he's going to probably chime in. I'll let him do that.

A. (Tebbetts) I do want to add one thing before
Mr. Sheehan chimes in, and it is that pole
attachers and the rules surrounding them are
part of the PUC 1300 Rules. I do believe
they're open at this time. And I do believe
that the Company is discussing whether or not
this should be included, tree trimming, with
regards to this issue of joint ownership
within that, because that is, I would
suggest, the appropriate vehicle to allow all
of the utilities to be on the same playing
field when we have an attacher or a joint
owner of poles, to address these sort of
issues.

Contracts, while -- I'll just mention.

We had some issues with the contract. Mr.

Sheehan can discuss further what's going on

with that. But rulemaking provides an

opportunity for everybody to make these

changes and hopefully find some common ground

with all the utilities and the attachers to

allow us to vet these problems, and this

would be one of them. And Mr. Sheehan can

finish on that with the contract.

- 1 MR. SHEEHAN: I'm not sure what
- else your question is, Commissioner.
- COMMISSIONER CHATTOPADHYAY: No, I
- mean, she has already covered quite a bit.
- If you don't think you can add anything,
- 6 that's fine, yeah.
- Q. My final question to Mr. Steele. How did you manage to not provide testimony over the last
- 9 20 years? I'm just kidding. Thank you.
- 10 A. (Steele) Lucky, I guess.
- 11 BY CHAIRMAN GOLDNER:
- 12 Q. So my question is about intent. So the
- 13 Company states, as Mr. Dexter went through, a
- 14 plan to spend \$3,069,639 in the -- you know,
- 15 for vegetation management. Is it the
- 16 Company's intent to spend that amount of
- 17 money regardless of the outcome of any other,
- 18 you know, pending cases?
- 19 A. (Steele) I'll take that one. The Company has
- intended to spend \$3 million on tree
- 21 trimming. We believe it's the right thing to
- do for our customers. We believe it's the
- right thing to do for vegetation management.
- 24 And we believe that the safety of our system

- and the safety of our customers and the safety of our line workers is imperative to do this work.
- Q. Okay. Thank you. So just to make sure I understand, if in Docket 22-014 100K or 200K or zero is allowed, the Company would still take -- would still take whatever the delta is. If it's zero, it'll be 649K from earnings.
- 10 A. (Steele) That is correct. We have developed
 11 a plan to trim 153 miles this year at a cost
 12 of \$3 million.
- Okay. Thank you. And I just want to go back 13 Q. 14 to a prior answer from Ms. Green. I didn't 15 quite understand the mathematics on the 16 increase in output from the mechanized 17 trimmers. You used some .8 and 1, and I couldn't quite sort out what the increase is. 18 19 Is it 25 percent increase in output? Is that 20 correct? One divided by --
- [Court Reporter interrupts.]
- Q. I'll rephrase. I was just looking for the approximate increase in output.
- 24 A. (Green) It's minimum expected 20 percent

- increased output.
- 2 Q. Okay, 20 percent. And this, by the way, is
- 3 perfect for Generation Xers, right. You've
- got the joystick, right. That's awesome.
- 5 That's going to be a good recruiting tool.
- Is there a range -- so a minimum of
- 7 20 percent. If everything lands jelly side
- up, maybe 40 percent, 50 percent, 30 percent?
- 9 A. (Green) Much higher.
- 10 Q. Like double?
- 11 A. (Green) I heard someone say the machine can
- do 1 to 6 miles compared to .8 miles.
- 13 Q. Okay. Thank you. That was the number you
- 14 were referring to earlier that I didn't quite
- 15 catch.
- 16 A. (Green) It does depend on the conditions that
- 17 they're working and the terrain and the
- 18 sensitivities. But in the best case
- 19 scenario, six miles a week.
- 20 Q. And this sounds like, from the answer to
- 21 Commissioner Chattopadhyay's question, that
- the capital investment is being made by the
- contractors.
- 24 A. (Green) Correct.

- Q. And you don't have any -- I don't want to put
 words in your mouth. But I think what you
 said was you didn't have an idea of the
 capital investment that's being made. It
 was -- you know, Liberty doesn't know how
 much the use of this equipment costs versus
 the conventional equipment?
- 8 A. (Green) Correct.
- 9 Q. Is this a capital investment that Liberty has 10 considered making?
- 11 A. (Green) No.

21

22

23

- Okay. Because it seems like if you can 12 Q. increase your output by between, you know, 20 13 14 and like 600 percent or whatever that is, 15 right, 6 divided by .8, whatever that is, 16 that this would be an area of focus for the 17 Company, in terms of working with contractors, capital requests, this kind of 18 19 thing.
 - A. (Green) So what I know is that the machine is a very expensive machine, and the maintenance is expensive. And it doesn't work everywhere, for sure. And it needs clean-up of a bucket or -- there are certain

situations where it doesn't work. So it's not a replacement at all for a bucket operator in a bucket. But it is a tool in our tool belt to economize where possible, especially in our more rural areas.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Chris, did you have a comment?

(Steele) The one thing I was going to say to Α. this is Ms. Green was able to secure a meeting with the senior leadership at Asplundh. And we described and we've talked a lot about it through our hearings over the last few weeks about the contractual obligations of Asplundh and their obligations and the liquidated damages associated. we expressed to Asplundh concerns around their productivity, or the lack of productivity. Initially we were No. 19 in line to receive a mechanized trimmer. Nineteen. We will receive it on property in two weeks. So they were able to accelerate the improvement because we do know how much vegetation management is important to the organization. And we expressed to them our

opportunity to continue to trim trees in

- the -- I'm not a hardy Granite Stater -- the
 most trees per capital, I believe. Is that
 right? Maybe.
- Q. We might be second to Oregon. I don't know.

 But it's a tie.
- A. (Steele) But to go from 19th to first is a big deal. And that shows Asplundh's commitment to meeting their contractual obligations.
- In the Liberty vision, this is 10 Q. 11 something that sounds like you're very 12 focused on learning more about. Clearly when you're ramping up something new, you have a 13 lot of learning to do. Would it be your 14 15 vision that of the, you know, seven or nine 16 units, that eventually a third of them or a quarter of them or half of them are 17 mechanized? What do you see in terms of 18 19 moving forward?
 - A. (Green) As you said, it's a learning curve.

 Right now, so we're starting with one. But
 both Chris and I have had conversations, and
 Asplundh and I have had conversations about
 what that looks like in the future. And

20

21

22

23

there are systems that have three or four on their system. I don't know what that looks like yet for us because I need to see that the terrain is going to work -- what percentage of our terrain will work with this tool. So until I see that, I can't comment to what the future brings. Just having one right now is a blessing and really helping. So I'm focusing on that blessing at this time. But if it turns out that there is opportunity to reproduce that or repeat that, we would definitely look to have that conversation.

And earlier I did mention it is a quality versus quantity kind of thing. And before, when I had high-quality workers doing the work, this machine was not an option because I wanted every cut to be perfect.

But now with this machine, I'm lowering my standards on quality. But I'm okay with it because I need to get the work done. So time shift. That was probably too much to say.

Q. No, no, that was actually very helpful. And maybe this is in the filing and I didn't

- understand it or didn't see it. But the bid
 that you got from Asplundh for the mechanized
 unit, how much more expensive was that than
 the standard unit?
- (Steele) We do not currently have commercial 5 Α. terms and conditions with Asplundh for the 6 mechanized unit. They are bringing the 7 mechanized unit on. We do have to sit down 8 with them and go through commercial terms, 9 what it would cost. We actually had that 10 11 discussion last week because there are significant efficiencies potentially lowering 12 that cost per dollar. However, if the 13 14 machine costs more incrementally, there could be a small variance. But I think what I can 15 16 glean from that is Asplundh's commitment to 17 getting the miles done and then us coming to commercial terms beyond that. 18
 - Q. Okay. Thank you. I'm still thinking.
 You've given me a lot to think about.

20

23

24

Okay. Let me move to a different topic.

There was the Clearway --

CHAIRMAN GOLDNER: If you don't mind, Mr. Sheehan, I'll call it "a debacle."

1 MR. SHEEHAN: I concur.

2 CHAIRMAN GOLDNER: Thank you.

BY CHAIRMAN GOLDNER:

3

4

5

6

7

8

9

10

- Q. Was there any ratepayer expense associated with the Clearway situation? And what I mean by that is, if they cleared X miles and they were supposed to clear Y miles and they charged, you know, Z, where they were supposed to charge A, did you -- you know, what happened there? Was there some ratepayer expense that was unexpected?
- 12 A. (Tebbetts) So the invoices related to
 13 Clearway that we received for the work that
 14 they did perform were removed from the
 15 filing. And so they are not part of the
 16 cost-recovery piece that we filed in the
 17 vegetation management reconciliation.
 18 They've been put aside.
- 19 Q. Okay. Yes.
- 20 A. (Green) Earlier on their time on the system,
 21 they did provide invoices that were paid for
 22 work that was done as well. So there's a
 23 very small amount that was paid for work that
 24 was done, and then the additional we held

[WITNESS PANEL: TEBBETTS|GREEN|STEELE]

		74
1	back once they left the property.	
2	Q. Okay. Thank you.	
3	CHAIRMAN GOLDNER: Okay. That's	
4	all I have.	
5	Commissioner Chattopadhyay, any	
6	additional questions?	
7	COMMISSIONER CHATTOPADHYAY: No.	
8	CHAIRMAN GOLDNER: Thank you.	
9	So we'll move to redirect from Mr.	
10	Sheehan.	
11	MR. SHEEHAN: Sure. If I can have	
12	a minute to go through the notes, I think I	
13	have just one or two.	
14	REDIRECT EXAMINATION	
15	BY MR. SHEEHAN:	
16	Q. First, Ms. Green. The Clearway contract	
17	terms for dollars and miles, if met, would	
18	have satisfied the four-year-cycle	
19	requirement; is that fair?	
20	A. (Green) Yes.	
21	Q. I think you covered this pretty extensively.	
22	This new mechanized equipment is relatively	
23	new to the industry. It's new to us. So as	
24	you say, we will take advantage of it as you	

{DE 21-138} [HEARING] {04-26-22}

- think it's appropriate and the contractors

 and the contractors

 and the contractors

 think it's appropriate and the contractors

 and the contractors

 think it's appropriate and the contractors

 and the contractors
- 3 A. (Green) That is correct.
- Q. And Liberty does not do any of the tree work in-house. It's all contracted.
- 6 A. (Green) Yes.
- 7 Q. That's just the business model that Liberty 8 has followed forever, as far as you know.
- 9 A. (Green) Yes.
- Q. So the investment of this new equipment would come to us through whatever rate Asplundh is going to charge for this machine.
- 13 A. (Green) Yes.
- Q. And as Mr. Steele was saying, we haven't
 finalized dollars with Asplundh for the new
 machine. But the expectation is that if it
 costs more per day, we may get more miles per
 day, and we still intend to live within the
 proposed \$3 million budget.
- 20 A. (Green) Yes.
- Q. The SAIDI/SAIFI conversation, should it also,
 when we look at these three or four specific
 years, be conditioned on the fact that those
 numbers are highly weather-dependent? If you

- have storms, if you don't have storms, that can also have a significant impact?
- 3 A. (Steele) That is correct.
- Q. And the best way to look at SAIDI/SAIFI is over the longer terms, looking for trends?
- 6 A. (Steele) That is correct.
- 7 I think you said this clearly, Ms. Green. To 0. 8 the extent Asplundh is not going to be able to do the whole miles planned and we are now 9 contacting other contractors to do that work, 10 11 the money that Asplundh would have been -would have charged to do that work is not 12 being paid to Asplundh because they're not 13 doing the work. 14
- 15 A. (Green) Correct.
- Q. And that money is now "freed up," for lack of a better word, for these other contractors.
- 18 A. (Green) Correct.
- Q. And at the end of the day, Asplundh will get paid for the work it does, and these other contractors will get paid for the work they do.
- 23 A. (Green) Yes.
- 24 Q. Is it fair to say that the conversation

between Liberty and Asplundh has been open and productive on what we have available, what we expect to do, and, guys, we're not

going to get to this, this and this. Those

5 are good conversations.

- 6 A. (Green) Yes.
- Q. And that goes back to the Asplundh contract,
 where although there may be, quote,
 requirements, mileage requirements in the
 exhibit, there's also an express e-mail from
 Asplundh saying, basically, we'll do what we
- 13 A. (Green) Yes.

12

18

19

20

21

22

23

24

MR. SHEEHAN: That's all I have.

can. And you understand that.

15 Thank you.

16 CHAIRMAN GOLDNER: Thank you, Mr.

17 Sheehan.

The witnesses are released. This means, Mr. Steele, you can stay where you're seated, but we won't ask you any more questions. Thank you.

So Mr. Dexter, you may have a comment on the striking of I.D.s. I don't have any experience with this exhibit. But I

think we could strike I.D.s in Exhibits 1
through 8. Would you suggest that it be
provisional, or would you -- are you okay to
strike I.D. in Exhibits 1 through 8?

MR. DEXTER: Mr. Chairman, are you asking that it be provisional because I haven't had a chance to weigh in on the motion?

CHAIRMAN GOLDNER: Yes.

MR. DEXTER: Oh, and 1 through 8 is all the exhibits, as I look at the list. No, I don't have any problem with you striking I.D. I don't expect to have any objection to the motion for confidentiality.

CHAIRMAN GOLDNER: Okay. Thank you.

So we will strike I.D. in Exhibits 1 through 8. There are no record requests.

And we can move to closings, beginning with Mr. Dexter.

MR. DEXTER: Thank you, Mr.

Chairman. I started the hearing with

quibbling a bit with your description of the

case, and I wanted to get back to that,

because when you read the caption, it included the word "budget" in there, and that's what gave me some pause.

In a sense, this docket was really unnecessary because the VMP plan for 2022 was established in the 19-064 rate case. And the budget was in fact established -- well, the rate allocation was established in the 19-064 rate case. That settlement which

Commissioner Chattopadhyay read from, and which I encourage the Commissioners to review in this docket and the other docket, provided that the Company would continue to make all the filings that it made concerning veg management under the prior settlement, which went back to the 2016 rate case. And that's how this case came before you today.

The Company dutifully, on

November 15th of 2021, provided a filing that
they've been making for many years. In the
past, that filing was information that
prompted a meeting with the Staff of the PUC
at the time, and sometimes the consumer
advocate. And it was informational to guide

the Company and to inform the PUC as to what was going on in veg management within the parameters that were set in the prior rate case. So in this year, that filing that was made November 15th ended up with a docket number on it, and that's why we're here today. It's got Docket 21-138. I think if you go back, you won't find an equivalent order to look at to see how this was handled in the past because it never resulted in an order. So that brings up the question: What's actually before the Commission in this And we discussed this a bit at the prehearing about three or four weeks ago.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

We believe that it's appropriate that the Company made their November 15th filing. We think it's appropriate that the Company keep the Commission and the Department of Energy informed as to what's going on in veg management. And we think it was particularly important in this case, because of the circumstances that the Company's described in detail that have happened either at the time the settlement

was being developed or since the settlement was being developed, some fairly significant changes in the VMP arena, none of which bode well for the ratepayers of Liberty because they essentially involve loss of reimbursement payments from Consolidated and significantly increased costs of veg management from the contractors.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

So what the Department believes is at issue in this case is what is the Company going to do in 2022 for veg management and what are they going to spend on it. believe the answer we got from the Company today is that they plan to do 156 miles of cycle trimming at a cost of \$3.1 million. And the Department supports that plan as filed because the Company has indicated that that is the right number when one looks at what's achievable in the field, given the circumstances that they've described in detail. Of course, the Department of Energy would have preferred that this plan showed 202 miles at a cost of 2.2 million, with a 10 percent bandwidth, as was contemplated in

the settlement from 19-064. That's not the reality. So we believe this is an appropriate plan.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

The Department of Energy strongly believes that this is not a ratemaking docket, and that if the Commission decides to, quote, unquote, approve that plan and approve that, quote, unquote, budget, that that not be used by Liberty Utilities as a preapproval of any sort of rates, rate increases to cover that. The Company has indicated a number of times that in its next rate case they plan to make a comprehensive VMP proposal that I believe will include a rate request for recovery of deferred or backlogged work from the old rate case four-year-cycle period. And while the Department of Energy understands that it's up to Liberty to opt to make a compelling case for recovering the cost of that backlog in that rate case, it's important to the Department of Energy that the PUC not prejudge that by anything that they do in this case.

23

24

I will point out that we have another full year to go before the next rate case is decided. My understanding is, from what Liberty has said in tech sessions, and I believe on the stand as well, is that they contemplate an electric rate case being filed in 2023, which under the 12-month suspension period provided for in the statutes wouldn't wrap up in 2024. So at the time, we will not only have 2022's experience, but we'll have 2023's experience. And the plan back from 19-064 was to trim 214 miles in 2023 at a cost of 2.2 million plus 10 percent. on everything we've heard in this case and what we heard last week, it doesn't seem likely that that's going to happen. It may be that the 214 miles is feasible, but everything we've heard would indicate that that's not going to be feasible under a \$2.2 million budget plus 10 percent. So what I'm saying, I guess in short, is the shortfall will grow and the backlog may grow.

Now, we've heard today about some promising new technology which hopefully help

address that backlog. But apparently the cost of that technology is still unknown, and that's to be worked out between the Company and the contractors in the coming weeks.

So all of this is by way of a caution as to what we at the Department of Energy suggest the Department not do in this case, which is not to signal any sort of preapproval or prejudge the proposal that we understand Liberty will be making in its next rate case.

Having said all that, I'll just repeat by saying the 156 miles proposed at the cost of \$3.1 million seems a reasonable course of action for Liberty to take in 2022. Thank you. That completes my statement.

CHAIRMAN GOLDNER: Thank you, Mr. Dexter.

Move to Liberty and Mr. Sheehan.

MR. SHEEHAN: Thank you. Picking up where Mr. Dexter left off, absent any other action from the Commission between now and the rate case, it is correct that we will likely propose a five-year trim cycle in that

rate case. I don't know numbers. No one on the stand knows what the actual numbers will be. But we can assume it's going to be in the neighborhood of \$3 million a year for that program. And that will be the proposal, something like that, that we'll ask the Commission to approve going forward. We are not asking for a rate change here. We've said that several times. It's not noticed, et cetera.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

As to the so-called "backlog," so we get to the rate case and we propose that five-year plan going forward and we have X-amount of work that wasn't done under the four-year-cycle as you've heard and it will cost Y dollars to do that. I hear the Department of Energy saying don't issue any rulings on whether that's recoverable or not now. And I agree with that. That's not what we're here to talk about. I will say, though, that that backlog, what you will be asked to look at is the reasonableness of our actions when faced with the various problems that created that backlog. And it will be a

classic prudence review: Did we act prudently in entering into an agreement with Clearway under the circumstances? Their bid matched the five-year plan. They had done work for us satisfactorily, good work for us prior, et cetera, et cetera. Did we act prudently when they fell short by hiring the replacement crews, et cetera? We will pursue Clearway. Whatever dollars comes out of that will come back to customers. We'll offset some of that backlog. Timing is an issue. But that's certainly our intent. Time will tell whether there are dollars there to be had and whether or not we can obtain them. But we are off and running on that process.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

But Mr. Dexter was correct, that
this docket followed a different course in
the past, and partly because the old
Settlement Agreement required us to file the
plan with Commission Staff. But they don't
exist, and we didn't know if filing with DOE
Staff would comply with the Settlement. So
we opted to file it here. It has the added
benefit, as Mr. Dexter said, to get you folks

up to speed on what's going on. So when the rate case rolls around, if there's no other action by the Commission, you'll have the background that you've been provided through this proceeding.

But the ask in this docket is to get a nod from the Commission that the plan and the budget that we have proposed is reasonable, and without prejudging what is the right course from 2024 forward. But we're not asking for that.

issue an order approving the plan as filed, with the budget as filed. And should the Commission be interested in visiting -revisiting the five-year cycle issue between now and the rate case, we'd be happy to accommodate, whether that's a follow-up in this docket. The Company may consider a separate filing to address that issue before the rate case. We'll be interested to know, you know -- I think that may help things. Again, not a rate change, but a nod to that being the right course to go sooner rather

than later, rather than having these conversations about why we can't quite get to the 230 miles. With that, I'll stop. appreciate your time and your questions this morning. CHAIRMAN GOLDNER: Okay. Well, I'll thank everyone, and we'll take the matter under advisement and issue an order. We are adjourned. Thank you. (Hearing concluded at 10:49 a.m.)

CERTIFICATE

I, Susan J. Robidas, a Licensed
Shorthand Court Reporter and Notary Public
of the State of New Hampshire, do hereby
certify that the foregoing is a true and
accurate transcript of my stenographic
notes of these proceedings taken at the
place and on the date hereinbefore set
forth, to the best of my skill and ability
under the conditions present at the time.

I further certify that I am neither attorney or counsel for, nor related to or employed by any of the parties to the action; and further, that I am not a relative or employee of any attorney or counsel employed in this case, nor am I financially interested in this action.

(ORIGINAL CERTIFICATION FILED WITH PUBLIC UTILITIES COMMISSION)

Susan J. Robidas, LCR/RPR Licensed Shorthand Court Reporter Registered Professional Reporter N.H. LCR No. 44 (RSA 310-A:173)

	97.19	0.12	0 15 10 20 5	. 1(1)
	87:18	9:12	8:17,18;38:7	arrived (1)
\$	accomplish (2)	advantage (1)	anticipated (4)	23:5
	27:23;31:22	74:24	26:22;27:2;43:11,	aside (1)
\$1.9 (1)	accomplished (2)	advisement (1)	13	73:18
25:17	41:10;45:3	88:9	apologies (1)	Asplundh (31)
\$2,420,000 (1)	according (1)	advocate (1)	35:16	20:9,10,12,24;
63:2	7:21	79:24	apparently (1)	21:5;27:6;36:3;
\$2.2 (4)	accrued (1)	Affairs (1)	84:1	45:14,17,22,23,24;
5:2;62:9,21;83:20	40:8	10:15	appearances (1)	46:13;47:20;57:4,9;
\$2.42 (3)	accurate (1)	again (11)	4:8	69:10,13,15;70:23;
38:9;62:17,21	20:4	30:1;32:13;34:15,	Appearing (1)	72:2,6;75:11,15;76:8
\$3 (5)	achievable (3)	19;38:12;42:2,19;	4:17	11,13,19;77:1,7,11
37:18;65:20;66:12;	30:18;31:11;81:19	43:7;44:7;53:9;87:23	appears (3)	Asplundh's (3)
75:19;85:4	across (1)	ago (2)	6:1;22:1;45:19	57:17;70:7;72:16
	50:15	53:21;80:14	Appendix (11)	assert (1)
\$3,069,000 (1)	act (2)	agree (7)	21:19;24:11;30:1;	7:11
22:6	86:1,6	43:20;44:13;48:5;	34:19,20;35:7;38:23;	assertion (1)
\$3,069,639 (1)	action (3)	59:2;61:2,5;85:19	39:4;42:9;44:4;54:2	7:10
65:14	84:15,22;87:3	agreed (1)	apples-to-apples (1)	assist (3)
\$3.1 (2)	actions (1)	62:2	47:8	55:8,10,13
81:15;84:14	85:23		apply (2)	
\$360,000 (1)		Agreement (7)	apply (2) 44:18;45:2	associated (4)
44:16	actively (1)	5:1;16:8;26:2;		27:6;49:8;69:14;
\$5.4 (1)	29:17	61:21;62:2;86:2,19	appreciate (1)	73:4
38:22	activities (2)	ahead (2)	88:5	assume (1)
\$5.471 (1)	51:21,21	6:22;45:6	approach (1)	85:3
30:5	actual (6)	align (1)	58:8	attacher (1)
\$549,000 (3)	41:1;43:21;44:3,	45:4	appropriate (5)	64:12
37:4,16;38:9	11,18;85:2	allocated (1)	64:10;75:1;80:15,	attachers (2)
\$700,000 (1)	actually (9)	57:11	17;82:3	64:3,21
12:19	33:8;38:20;39:8;	allocation (3)	approval (1)	Attachment (2)
12.17	45:23;52:21;54:7;	28:5;35:8;79:8	21:21	5:22,23
[71:23;72:10;80:12	allocations (1)	approve (4)	attempt (1)
L	add (7)	27:20	12:8;82:7,8;85:7	30:13
[Court (1)	6:11;34:4;40:4;	allotment (1)	approved (3)	attendant (1)
	46:23;59:4;64:1;65:5	36:21	26:3,7;61:21	36:20
66:21	added (2)	allow (5)	approving (1)	attention (2)
[not] (1)	23:21;86:23	17:13;42:5,7;	87:13	11:19;15:11
11:23	addition (4)	64:10,22	approximate (2)	Attorney (3)
[sic] (2)	20:6,19;24:8;55:19	allowed (1)	57:24;66:23	6:16;30:24;63:21
48:23,24	additional (11)	66:6	approximately (12)	authority (1)
				37:6
\mathbf{A}	5:3;17:18;18:2;	allows (2)	12:18,19;17:15;	l l
	21:9,12;36:8;43:2;	31:23;34:15	19:22;23:24;36:2,14,	available (10)
ability (1)	46:23;57:5;73:24;	Almost (1)	17;37:18;49:10;56:3;	13:20;14:2;17:4;
29:13	74:6	33:3	58:12	27:16,17;32:7;36:14
able (9)	Additionally (1)	alone (2)	April (1)	45:17;75:2;77:2
21:10;26:10;31:2;	34:6	20:10,12	14:16	avenues (1)
36:12;57:5,19;69:8,	address (4)	along (1)	arborist (1)	63:18
20;76:8	55:24;64:13;84:1;	27:7	29:5	average (3)
above (1)	87:20	although (2)	Arborists (1)	48:22,24;58:13
54:8	addressed (2)	17:20;77:8	29:2	averages (1)
	7:19;55:15	amount (10)	area (7)	50:18
absent (1)	addresses (1)	17:18;31:24;44:6;	35:5;54:11,23;	awesome (1)
84:21	56:1	49:7;57:13,23;62:16;	55:4;56:1,3;68:16	67:4
absolute (1)	adjourned (1)	63:3;65:16;73:23	areas (1)	07.1
46:24	88:10	amounts (2)	69:5	В
Absolutely (1)		56:5;57:22	arena (1)	D
32:12	adjust (1)			hook (20)
accelerate (1)	27:17	analysis (1)	81:3	back (26)
69:20	adjusted (1)	34:24	arm (2)	7:5;9:19;13:11;
accepting (1)	27:20	annual (1)	33:3;34:2	21:17;22:5;27:5,9;
6:3	adopt (4)	62:17	around (3)	34:19;42:2;53:9,15,
access (2)	10:5;11:3;12:3;	answered (1)	53:24;69:15;87:2	18;54:1;56:7;60:5,7
32:16;45:22	15:14	43:7	arrive (1)	61:20;63:13;66:13;
	adoption (1)	anticipate (3)	58:18	74:1;77:7;78:24;
accommodate (1)				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

2022 REP/VMP Program	m Pian			April 26, 2022
70.16.90.9.92.11.	96.24	92.20.97.9 14	51.12.62.7 11.67.19.	59:6
79:16;80:8;83:11;	86:24	83:20;87:8,14	51:12;62:7,11;67:18;	
86:10	best (3)	budgeted (1)	78:24;79:6,9,16,17;	chime (2)
background (2)	18:16;67:18;76:4	22:12	80:4,13,21;81:10;	55:19;63:23
25:15;87:4	better (4)	builds (1)	82:13,16,19,21,24;	chimes (1)
backlog (7)	51:10;52:8,22;	12:9	83:3,6,14;84:8,11,23;	64:2
82:20;83:22;84:1;	76:17	business (4)	85:1,12;87:2,17,21	Chris (2)
85:11,21,24;86:11	beyond (2)	36:7,10,14;75:7	cases (1)	69:6;70:22
backlogged (1)	62:20;72:18		65:18	CHRISTOPHER (2)
82:16	bid (7)	C	catch (4)	9:5;14:9
balance (3)	19:23;26:7,11;		38:24;39:11;61:3;	circuit (3)
13:6;31:10,10	28:2,4;72:1;86:3	cab (2)	67:15	40:9;54:19;56:4
Balise (1)	bidders (2)	33:5;34:1	categories (2)	circuits (6)
4:19	27:7;28:7	cable (1)	44:4;50:3	19:21,23;40:1,2,5;
ballpark (1)	bidding (3)	51:22	cause (4)	54:4
57:16	13:17;20:1;46:15	calculated (1)	42:21;47:1;52:2,4	circumstances (4)
bandwidth (3)	bids (3)	39:23	caution (1)	21:4;80:22;81:20;
31:16,17;81:24	13:7,10;20:4	calculation (1)	84:6	86:3
bare (1)	big (1)	58:20	cautioned (1)	cited (1)
52:1	70:7	calendar (3)	9:6	28:19
bars (1)	bit (8)	38:21;39:15;60:10	certain (2)	clarifications (1)
50:16	25:15;33:20;53:24;	call (3)	16:23;68:24	9:10
base (3)	60:23;63:14;65:4;	24:10;53:21;72:24	certainly (1)	classic (1)
62:1,6,9	78:23;80:13	calls (3)	86:12	86:1
based (12)	blessing (2)	16:22;20:15;21:22	cetera (4)	clean-up (1)
12:21;13:1,15;	71:8,9	came (5)	85:10;86:6,6,8	68:23
17:3;19:13;25:19;	bode (1)	16:13;28:2,4;59:1;	chainsaw (1)	clear (2)
43:4,6;50:2;56:24;	81:3	79:17	34:17	58:17;73:7
58:7;83:13	both (4)	can (41)	CHAIRMAN (32)	cleared (1)
basically (1)	13:23;41:1;51:7;	7:15,19;11:8;	4:2,3,13,17,21;	73:6
77:11	70:22	12:15;16:18;18:22;	5:10,17;6:12,19;	clearing (1)
basics (1)	bothering (1)	19:19;23:9;27:24;	7:22;8:6,12,24;9:8;	44:1
21:17	63:14	28:22;29:22;32:5;	10:1;15:18;19:6,11;	Clearly (2)
Bates (19)	bottom (1)	33:2,8;34:4,7;35:11;	56:15;65:11;72:23;	70:12;76:7
11:20;21:18;30:2;	54:5	43:18;46:11;49:22;	73:2,3;74:3,8;77:16;	Clearway (12)
34:20;35:3;38:18;	break (3)		78:5,9,15,22;84:17;	26:15,22;28:3,13;
39:16;42:3,24;44:5;	16:20;39:21;46:21	51:14;55:19;58:18,	88:7	
		19;61:7;63:17,20;		36:2;40:11;72:22;
45:15;47:9;48:3;	breakdown (1)	64:17,23;65:5;67:11;	challenged (1)	73:5,13;74:16;86:3,9
54:12,14;58:15;60:6,	34:23	68:12;72:15;74:11;	36:5	Clerical (1)
17,20	Bridge (4)	75:2;76:2;77:12,19;	chance (2)	42:12
bear (1)	54:9,10,18;56:1	78:19;85:3;86:14	6:14;78:7	close (1)
60:8	brief (1)	canopy (1)	change (2)	44:11
became (1)	32:18	32:24	85:8;87:23	closer (2)
14:15	briefly (3)	capable (1)	changed (2)	32:3;57:3
began (1)	12:6,16;32:5	34:9	21:4;62:6	closing (1)
15:19	bring (2)	capital (7)	changes (4)	5:16
Begin (1)	11:18;15:11	51:21;52:6;67:22;	10:23;11:17;64:20;	closings (1)
10:8	bringing (1)	68:4,9,18;70:2	81:3	78:19
beginning (6)	72:7	caption (1)	charge (2)	Coast (1)
4:8;18:9,21;56:17;	brings (2)	79:1	73:9;75:12	11:24
57:6;78:19	71:7;80:11	captured (1)	charged (2)	coincidental (1)
behalf (1)	brush (2)	63:5	73:8;76:12	37:22
4:17	34:9,9	career (1)	Charlestown/Bellows (1)	collected (2)
behind (1)	bucket (8)	14:18	54:10	38:2,8
33:24	32:23;33:5,13,23;	carefully (1)	chart (8)	collection (1)
believes (2)	47:18;68:24;69:2,3	58:1	49:16,17,21,22;	38:10
81:9;82:5	budget (32)	carry-forward (1)	50:16;52:16;53:17,	color (1)
belt (1)	4:23;5:14;12:8,9;	5:4	19	49:23
69:4	16:22;17:3;22:9,10;	case (48)	Chattopadhyay (7)	column (4)
Bench (1)			4:4;56:18,20;65:3;	22:1;30:3;34:21;
	25:2,4,5,12,14;26:11,	7:9,17;16:9;19:1;		
16:13	12;27:9,12;28:5;	22:21;24:19,21;25:1,	74:5,7;79:10	39:15
bending (1)	30:19;35:1,6,22;	10,21;28:2,17,19;	Chattopadhyay's (1)	comfortable (1)
34:17	36:9;37:24;63:13;	30:9;35:7;43:19;	67:21	13:4
benefit (1)	75:19;79:2,7;82:8;	44:8;45:12;48:2;	check (1)	coming (5)
	1	I.	I.	

2022 REP/VMP Progra	m Plan			April 20, 2022
13:11;43:13;56:8;	56:13;84:16	contout (1)	couple (6)	48:8;49:14;52:18,
	completing (1)	context (1) 35:21	20:2;22:15;33:8;	
72:17;84:4	1 0 1 7			20
comment (6)	12:13	continue (5)	38:14,15;55:17	date (3)
6:20;49:18;61:1;	comply (2)	16:10;38:23;62:6;	course (8)	38:4;40:3,4
69:6;71:6;77:23	52:24;86:22	69:24;79:13	6:8;7:9,20;81:21;	day (3)
commercial (4)	comprehensive (2)	continued (1)	84:15;86:17;87:10,	75:17,18;76:19
36:11;72:5,9,18	55:24;82:13	52:6	24	days (1)
Commission (14)	comprehensively (1)	contract (10)	Court (1)	6:22
7:15;12:7;16:22;	56:8	20:3,23;21:1,7;	9:7	DE (4)
21:21;80:12,18;82:6;	concern (2)	25:19;43:3;64:16,24;	cover (3)	4:5;5:3;22:21;
84:22;85:7;86:20;	29:6,13	74:16;77:7	8:9;23:22;82:11	25:16
87:3,7,12,15	concerning (2)	contracted (1)	covered (5)	dead (2)
Commissioner (10)	45:14;79:14	75:5	22:24;41:11;47:24;	55:14,16
4:4;56:16,17,20;	concerns (1)	contractor (6)	65:4;74:21	deal (1)
65:2,3;67:21;74:5,7;	69:15	26:8,15;27:13,13;	covers (2)	70:7
79:10	concluded (1)	61:11,13	5:15;8:4	debacle (1)
Commissioners (6)	88:11	contractors (17)	created (1)	72:24
4:11;8:13,18;9:23;	concur (1)	13:1,5;19:18,20,	85:24	decade (1)
56:19;79:11	73:1	24;20:1;26:19;29:19;	credits (1)	53:20
Commission's (2)	conditioned (1)	47:21;67:23;68:18;	28:11	decided (2)
11:19;15:11	75:23	75:1;76:10,17,21;	crew (4)	5:5;83:3
commitment (2)	conditions (3)	81:8;84:4	33:12,13;46:16,23	decides (1)
70:8;72:16	30:20;67:16;72:6	contractors' (1)	crews (14)	82:6
common (1)	conductor (1)	29:18	17:12;45:16,22,24;	decisions (1)
64:20	52:1	Contracts (1)	46:3,7,13,17,19;47:3,	26:17
community (1)	Confidential (6)	64:15	4,15,17;86:8	defer (1)
29:6	5:22,23;7:1,7,18;	contractual (2)	cross-examination (3)	37:6
companies (1)	21:1	69:12;70:8	8:16;19:8,15	deferral (1)
43:13	confidentiality (3)	conventional (1)	current (1)	41:4
Company (39)	7:8,11;78:14	68:7	30:20	deferred (18)
10:10,16;11:11;	confirm (3)	conversation (5)	currently (3)	37:16;39:1,11,17,
12:16;13:15,21;	7:13;21:20;62:12	15:23;21:8;71:13;	16:1;46:14;72:5	20;40:8,12,19;41:2,
14:21;15:20;16:14,	confused (1)	75:21;76:24	curve (1)	16,21;42:22;43:1,21;
19;34:24;35:24;	60:2	conversations (6)	70:20	60:1,13;61:4;82:15
36:12;37:5;42:5,8;	confusing (1)	9:16;13:15;70:22,	customer (5)	definitely (1)
43:1;48:9,11;61:9;	60:24	23;77:5;88:2	38:1;49:2,10;52:2,	71:12
62:15;63:18,19;64:6;	consider (2)	Corp (1)	4	delta (1)
65:13,19;66:6;68:17;	12:22;87:19	4:12	customers (7)	66:7
79:13,18;80:1,16,18;	considered (3)	corrected (1)	18:16,17;53:8;	Department (16)
81:10,13,17;82:11;	16:14;62:22;68:10	42:14	56:5;65:22;66:1;	4:14,18;6:18;8:11,
84:3;87:19	consistent (2)	correction (1)	86:10	16;37:8;80:19;81:9,
Company's (10)	17:21;56:2	12:2	cut (3)	16,21;82:4,18,22;
16:1;18:23;30:17;	consists (1)	corrections (2)	27:5;34:18;71:18	84:6,7;85:17
37:12,15,17;49:13;	40:17	11:17;15:10	cuts (2)	Department's (1)
55:1;65:16;80:23	Consolidated (4)	correctly (2)	33:10,18	56:14
compare (2)	25:18,23;63:15;	44:21;63:5	cutting (1)	depend (1)
52:24;60:15	81:6	correlation (1)	34:8	67:16
compared (2)	Consolidation (1)	51:19	cycle (16)	depending (1)
32:7;67:12	28:10	corridor (1)	16:2;19:1;20:16;	46:8
compares (3)	constraints (8)	48:4	22:20;23:1;24:6,16,	describe (8)
32:20;49:19;53:19	25:2,3,5,6,12,14;	cost (16)	22;27:3;36:3;38:24;	10:9;14:7;19:19;
compelling (1)	26:12;27:9	28:8,12;30:13;	58:7,11;81:15;84:24;	25:5;27:4;28:21;
82:19	consumer (1)	38:22;44:4;55:1;	87:16	32:5,13
competition (1)	79:23	66:11;72:10,13;	cycled (1)	described (11)
29:23	contacting (1)	81:15,23;82:20;	21:22	6:17;20:7,18;
complete (4)	76:10	83:13;84:2,14;85:16	21.22	26:13;30:20;34:9;
42:5,8;43:14,17	contemplate (1)	cost-recovery (1)	D	43:9,11;69:10;80:23;
completed (6)	83:6	73:16	D	81:20
12:18;25:23;26:10;	contemplated (6)	costs (12)	damages (1)	description (4)
38:6;40:15;58:24	24:20;25:10;28:18;	25:19;26:1,4;27:6,	69:14	16:19;32:19;34:3;
completely (1)	30:8;34:22;81:24	8;28:1;34:23;61:16;	dashed (1)	78:23
29:21	contested (1)	68:6;72:14;75:17;	50:8	detail (3)
completes (2)	7:15	81:7	data (4)	25:13;80:23;81:21
	1.13	01.7	иии (т)	23.13,00.23,01.21
				

determining (1)	22:4;26:8;57:21;	Eighty-four (2)	22:5	77:24;83:10,11
31:21	72:13	41:13;59:18	et (4)	experienced (1)
developed (3)	dollars (8)	either (5)	85:10;86:6,6,8	28:9
66:10;81:1,2	26:3;27:1,15;	18:22;22:9;30:19;	even (3)	experiences (1)
DEXTER (23)	74:17;75:15;85:16;	46:13;80:24	31:1;53:6;57:16	27:10
4:16,18;5:11,12,	86:9,13	Electric (6)	events (1)	experiencing (2)
18;6:13,14;8:10;	done (18)	4:12;10:18;14:10,	49:3	29:2,5
19:9,10,16;35:12;	18:8;20:9;21:11,	18,21;83:6	eventually (1)	expert (2)
56:16;65:13;77:22;	13;32:20,23;33:12;	elevate (1)	70:16	32:9;63:22
78:5,10,20,21;84:18,	40:14,23;45:2,6,11;	33:6	everybody (1)	explain (5)
21;86:16,24	71:21;72:17;73:22,	else (5)	64:19	35:11;42:10;46:11;
difference (6)	24;85:14;86:4	5:6;8:8;23:17;	everyone (2)	51:15;58:18
24:2,14;35:6,8;	double (2)	57:8;65:2	4:3;88:8	explaining (1)
42:16;59:22	17:17;67:10	e-mail (1)	everywhere (1)	39:10
different (5)	down (9)	77:10	68:23	express (1)
31:21;44:24;50:3;	33:9,14;38:13;	embarrass (1)	EXAMINATION (2)	77:10
72:21;86:17	39:22;42:2;46:22;	42:20	10:6;74:14	expressed (2)
differently (1)	51:8;53:12;72:8	employed (2)	example (3)	69:15,23
5:13	drafting (3)	10:15;14:15	50:7;55:15,17	extensively (1)
difficulty (2)	10:11,19;11:14	encourage (1)	exceed (2)	74:21
40:11;46:6	drive (3)	79:11	27:22;62:16	extent (1)
direct (4)	29:7;33:9;53:13	encouraging (1)	Excellent (1)	76:8
9:9;10:6;19:13;	Dudley (1)	47:12	42:18	extra (1)
20:19	4:19	end (1)	exception (2)	43:15
direction (2)	due (3)	76:19	6:23;29:4	
51:13,14	25:12;55:23;56:9	ended (2)	excess (1)	\mathbf{F}
directly (1)	duly (1)	59:11;80:5	62:17	
45:5	9:6	ends (1)	Exhibit (35)	faced (1)
director (1)	duration (8)	60:11	5:24;8:3;10:12,20;	85:23
14:9	48:23;49:1;50:22;	Energy (11)	11:15;15:7;20:7,14,	fact (5)
discovery (3)	51:4,9;52:9,21;53:7	4:15,18;8:17;37:8;	22;21:6,18;22:6;	30:17;37:8;63:15;
6:8;7:1,6	during (4)	80:19;81:21;82:4,18,	24:10;30:2;34:20;	75:23;79:7
discuss (3)	6:8;7:8,19;25:20	22;84:7;85:17	35:3;44:4;45:15;	factor (1)
5:6;8:21;64:17	dutifully (1)	engaging (1)	48:12,14;49:13,15,	28:19
discussed (6)	79:18	57:9	16,19;50:16;52:15,	failure (1)
18:12;22:14;34:22;		England (1)	17;53:9,15,18;54:1,	53:11
57:1;58:16;80:13	${f E}$	11:24	15;58:16;77:10,24	failures (1)
discussing (1)		entered (1)	Exhibits (7)	52:12
64:6	earlier (7)	26:1	5:19;8:9,14;78:1,4,	fair (12)
(5)				
discussion (6)	24:15:30:17:43:10.	entering (1)	11,17	
discussion (6) 5:4;15:19;43:5;	24:15;30:17;43:10, 21:67:14:71:14;	entering (1) 86:2	11,17 exist (1)	12:6;13:2;14:3;
5:4;15:19;43:5;	21;67:14;71:14;	86:2	exist (1)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11,
` ,	21;67:14;71:14; 73:20	86:2 entire (3)	exist (1) 86:21	12:6;13:2;14:3;
5:4;15:19;43:5; 55:3;57:4;72:11	21;67:14;71:14;	86:2 entire (3) 23:22;29:12;36:5	exist (1)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3)	21;67:14;71:14; 73:20 earmarked (1)	86:2 entire (3)	exist (1) 86:21 expect (9)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19	21;67:14;71:14; 73:20 earmarked (1) 57:21	86:2 entire (3) 23:22;29:12;36:5 equipment (9)	exist (1) 86:21 expect (9) 6:15,17;13:5,10,	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2)	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5)	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11,	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3;	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19;	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7;	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1)	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1)	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2)	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20)	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7;	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1)	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1)	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9;	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1;	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12;	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1)	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1)	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5,	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5, 7;82:6;86:17;87:6,19	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4 effect (1)	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5 essentially (2)	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1 expenditures (1)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5, 7;82:6;86:17;87:6,19 dockets (1)	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4 effect (1) 48:6	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5 essentially (2) 5:14;81:5	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1 expenditures (1) 37:7	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8 feasible (2)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5, 7;82:6;86:17;87:6,19 dockets (1) 48:11	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4 effect (1) 48:6 efficiencies (13)	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5 essentially (2) 5:14;81:5 established (7)	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1 expenditures (1) 37:7 expense (4)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8 feasible (2) 83:17,19 feet (1) 33:8
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5, 7;82:6;86:17;87:6,19 dockets (1) 48:11 document (6)	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4 effect (1) 48:6 efficiencies (13) 18:2,18;31:14,23;	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5 essentially (2) 5:14;81:5 established (7) 22:21;37:14;41:6;	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1 expenditures (1) 37:7 expense (4) 60:15,18;73:4,11	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8 feasible (2) 83:17,19 feet (1)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5, 7;82:6;86:17;87:6,19 dockets (1) 48:11 document (6) 23:19;39:7;40:16,	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4 effect (1) 48:6 efficiencies (13) 18:2,18;31:14,23; 32:2;33:11,16;34:11,	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5 essentially (2) 5:14;81:5 established (7) 22:21;37:14;41:6; 43:20;79:6,7,8	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1 expenditures (1) 37:7 expense (4) 60:15,18;73:4,11 Expenses (4)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8 feasible (2) 83:17,19 feet (1) 33:8
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5, 7;82:6;86:17;87:6,19 dockets (1) 48:11 document (6) 23:19;39:7;40:16, 20;41:14,22	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4 effect (1) 48:6 efficiencies (13) 18:2,18;31:14,23; 32:2;33:11,16;34:11, 16;36:7,10,13;72:12	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5 essentially (2) 5:14;81:5 established (7) 22:21;37:14;41:6; 43:20;79:6,7,8 establishing (1)	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1 expenditures (1) 37:7 expense (4) 60:15,18;73:4,11 Expenses (4) 22:2;30:4;39:16;	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8 feasible (2) 83:17,19 feet (1) 33:8 fell (1)
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5, 7;82:6;86:17;87:6,19 dockets (1) 48:11 document (6) 23:19;39:7;40:16, 20;41:14,22 DOE (7)	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4 effect (1) 48:6 efficiencies (13) 18:2,18;31:14,23; 32:2;33:11,16;34:11, 16;36:7,10,13;72:12 eight (1)	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5 essentially (2) 5:14;81:5 established (7) 22:21;37:14;41:6; 43:20;79:6,7,8 establishing (1) 48:4	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1 expenditures (1) 37:7 expense (4) 60:15,18;73:4,11 Expenses (4) 22:2;30:4;39:16; 62:15	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8 feasible (2) 83:17,19 feet (1) 33:8 fell (1) 86:7
5:4;15:19;43:5; 55:3;57:4;72:11 distribution (3) 24:1,9;54:19 divided (2) 66:20;68:15 Division (1) 4:20 Docket (20) 4:5;5:5;6:9;12:7; 18:23;25:16;37:1; 55:2;61:22;63:12; 66:5;79:4,12,12;80:5, 7;82:6;86:17;87:6,19 dockets (1) 48:11 document (6) 23:19;39:7;40:16, 20;41:14,22 DOE (7) 5:22,23;8:2;48:15;	21;67:14;71:14; 73:20 earmarked (1) 57:21 earnings (5) 35:9,10,20;36:19; 66:9 easiest (1) 58:21 East (1) 11:24 economize (1) 69:4 effect (1) 48:6 efficiencies (13) 18:2,18;31:14,23; 32:2;33:11,16;34:11, 16;36:7,10,13;72:12 eight (1) 46:3	86:2 entire (3) 23:22;29:12;36:5 equipment (9) 13:20;47:19;53:11, 12;61:9;68:6,7; 74:22;75:10 equivalent (2) 46:19;80:8 error (1) 42:12 especially (1) 69:5 essentially (2) 5:14;81:5 established (7) 22:21;37:14;41:6; 43:20;79:6,7,8 establishing (1) 48:4 estimate (1)	exist (1) 86:21 expect (9) 6:15,17;13:5,10, 14;19:2;47:20;77:3; 78:13 expectation (1) 75:16 expected (6) 39:2;42:6;45:9; 49:1;55:6;66:24 expecting (1) 17:1 expenditures (1) 37:7 expense (4) 60:15,18;73:4,11 Expenses (4) 22:2;30:4;39:16; 62:15 expensive (3)	12:6;13:2;14:3; 16:1;17:5,19;30:7,11, 21;74:19;75:2;76:24 fairly (1) 81:2 fall (1) 55:15 falling (1) 53:5 falls (1) 52:9 Falls/Walpole (1) 54:11 far (1) 75:8 feasible (2) 83:17,19 feet (1) 33:8 fell (1) 86:7 few (5)

UZZ KEP/VMP Prograi	m Plan			Aprii 26, 2022
fewer (2)	focus (1)	30:3	33:24;34:4,6;35:1;	7:3,12,14,20;9:17,20;
46:8;51:9	68:16	funding (1)	39:6,23;40:9,14,17,	17:24;22:15;26:13;
field (3)	focused (1)	27:21	22;41:5,9,12,15,19,	43:12;44:16;78:22;
46:12;64:12;81:19	70:12	further (5)	23;42:12,17;44:14,	88:11
figure (2)	focusing (1)	6:10;16:18;27:4,	22;45:4,13;46:1,4,10,	hearings (1)
22:4;42:20	71:9	14;64:17	16;47:3,5,11,13,17,	69:11
igures (7)	folks (3)	future (5)	23;48:7;54:17,21,24;	HEATHER (4)
22:10,12;38:15;	31:20,24;86:24	37:7;47:22;62:6;	55:8,13;56:12;57:11,	9:4,5;10:13;11:10
48:17,19,20,21	follow (1)	70:24;71:7	15,17,24;58:9,12,14,	Heathers (1)
	46:20	70.24,71.7	21;59:7,13,15,17,20;	15:6
file (5) 7:12,17;19:2;	followed (2)	G		held (1)
		G	60:3;61:11,17;66:14,	
86:19,23	75:8;86:17	(1)	24;67:9,11,16,24;	73:24
iled (12)	follow-up (1)	game (1)	68:8,11,20;69:8;	help (2)
6:5,9,22;7:3,23,24;	87:18	33:4	70:20;73:20;74:16,	83:24;87:22
43:10;73:16;81:17;	forever (1)	gather (1)	20;75:3,6,9,13,20;	helpful (1)
83:6;87:13,14	75:8	46:7	76:7,15,18,23;77:6,	71:23
iling (16)	form (1)	gave (2)	13	helping (1)
6:9;7:18;38:4;	55:16	53:1;79:3	ground (2)	71:8
56:9;62:18,23;63:4,	formal (1)	general (1)	33:4;64:20	Hendrix (1)
8;71:24;73:15;79:19,	18:11	29:1	grow (2)	51:22
21;80:4,17;86:21;	formally (1)	Generation (1)	83:22,22	here's (1)
87:20	18:24	67:3	guess (7)	9:18
filings (2)	Forty-three (2)	given (6)	9:10;20:2;39:22;	hesitation (1)
7:24;79:14	24:15,16	17:18;27:5;30:19;	47:7;49:20;65:10;	33:17
fill (2)	forum (1)	33:21;72:20;81:19	83:21	high (1)
29:13,23	18:21	glean (1)	guide (1)	29:6
filled (1)	forward (6)	72:16	79:24	higher (5)
29:18	21:12;40:12;70:19;	goal (2)	guys (1)	28:3,9;51:5;53:10;
filling (1)	85:7,13;87:10	51:7,9	77:3	67:9
29:20	found (4)	goes (4)	77.5	high-level (1)
inal (1)	25:21,23;27:11;	34:10;53:18;62:20;	Н	16:18
65:7	36:9	77:7	***	highly (1)
finalized (1)	four (7)	GOLDNER (27)	half (3)	75:24
75:15	12:15;22:24;26:23;		40:11;49:10;70:17	high-quality (1)
		4:2,3,13,21;5:10,		71:16
inancial (1)	50:3;71:1;75:22;	17;6:12,19;7:22;8:6,	halfway (1)	
27:18	80:14	12,24;9:8;10:1;19:6;	17:15	hire (1)
ind (6)	four-page (1)	56:15;65:11;72:23;	Hampshire (2)	26:19
26:7,10;36:6,13;	49:14	73:2,3;74:3,8;77:16;	4:14;11:24	hiring (2)
64:20;80:8	fourth (1)	78:9,15;84:17;88:7	handled (2)	27:6;86:7
ine (2)	16:3	Good (12)	7:21;80:9	hopefully (2)
9:14;65:6	four-year (9)	4:2,10;6:20;10:2;	happen (2)	64:20;83:24
inish (1)	16:2;18:8;22:20;	14:8;37:9;47:14;	18:22;83:16	hourly (1)
64:24	23:1;24:6,16;27:3;	56:21;62:23;67:5;	happened (5)	47:6
First (11)	38:24;58:7	77:5;86:5	43:15;51:15;53:20;	human (4)
10:4;13:21;15:3;	four-year-cycle (6)	governs (1)	73:10;80:24	32:23;33:23,24;
25:4;29:9;49:20;	15:21;16:10;17:21;	6:24	happens (4)	34:1
57:2;60:16;62:1;	74:18;82:17;85:15	Granite (4)	7:13;57:7,20;60:4	hundred (2)
70:6;74:16	frame (4)	4:12;10:18;36:6;	happy (2)	23:7,12
fit (1)	40:13;55:9,11,14	70:1	9:22;87:17	hundreds (1)
26:19	freed (1)	great (1)	hard (2)	28:11
five (1)	76:16	53:3	17:17;29:19	
	70.10			I
	frequency (7)	GREEN (139)		
53:18	frequency (7)	GREEN (139)	hardy (1)	_
53:18 five-year (7)	48:24;49:9,11;	9:5;11:8,10,10,12,	70:1	
53:18 ïve-year (7) 19:1;50:18;58:11;	48:24;49:9,11; 50:22,24;51:9;52:7	9:5;11:8,10,10,12, 16,20,23;12:5,11,18,	70:1 head (2)	ID (3)
53:18 ive-year (7) 19:1;50:18;58:11; 84:24;85:13;86:4;	48:24;49:9,11; 50:22,24;51:9;52:7 Friday (2)	9:5;11:8,10,10,12, 16,20,23;12:5,11,18, 23;13:3,7,13,18,23;	70:1 head (2) 24:15;33:3	ID (3) 78:4,13,17
53:18 ive-year (7) 19:1;50:18;58:11; 84:24;85:13;86:4; 87:16	48:24;49:9,11; 50:22,24;51:9;52:7 Friday (2) 8:1,3	9:5;11:8,10,10,12, 16,20,23;12:5,11,18, 23;13:3,7,13,18,23; 14:4;17:24;19:17,21;	70:1 head (2) 24:15;33:3 hear (2)	ID (3) 78:4,13,17 idea (3)
53:18 ive-year (7) 19:1;50:18;58:11; 84:24;85:13;86:4; 87:16 ive-year-cycle (7)	48:24;49:9,11; 50:22,24;51:9;52:7 Friday (2) 8:1,3 full (3)	9:5;11:8,10,10,12, 16,20,23;12:5,11,18, 23;13:3,7,13,18,23; 14:4;17:24;19:17,21; 20:5,11,17,21;21:3,8,	70:1 head (2) 24:15;33:3 hear (2) 55:12;85:16	ID (3) 78:4,13,17 idea (3) 37:9;47:9;68:3
53:18 ive-year (7) 19:1;50:18;58:11; 84:24;85:13;86:4; 87:16 ive-year-cycle (7) 15:21;16:15;17:22;	48:24;49:9,11; 50:22,24;51:9;52:7 Friday (2) 8:1,3 full (3) 26:23;35:1;83:2	9:5;11:8,10,10,12, 16,20,23;12:5,11,18, 23;13:3,7,13,18,23; 14:4;17:24;19:17,21; 20:5,11,17,21;21:3,8, 24;22:3,8,13,23;23:3,	70:1 head (2) 24:15;33:3 hear (2) 55:12;85:16 heard (12)	ID (3) 78:4,13,17 idea (3) 37:9;47:9;68:3 identification (1)
53:18 ive-year (7) 19:1;50:18;58:11; 84:24;85:13;86:4; 87:16 ive-year-cycle (7) 15:21;16:15;17:22; 18:5,9,18,20	48:24;49:9,11; 50:22,24;51:9;52:7 Friday (2) 8:1,3 full (3) 26:23;35:1;83:2 Fully (1)	9:5;11:8,10,10,12, 16,20,23;12:5,11,18, 23;13:3,7,13,18,23; 14:4;17:24;19:17,21; 20:5,11,17,21;21:3,8, 24;22:3,8,13,23;23:3, 7,9,13,16,18,20,23;	70:1 head (2) 24:15;33:3 hear (2) 55:12;85:16 heard (12) 12:12;19:14;29:15;	ID (3) 78:4,13,17 idea (3) 37:9;47:9;68:3 identification (1) 5:20
53:18 ive-year (7) 19:1;50:18;58:11; 84:24;85:13;86:4; 87:16 ive-year-cycle (7) 15:21;16:15;17:22; 18:5,9,18,20 ilat (1)	48:24;49:9,11; 50:22,24;51:9;52:7 Friday (2) 8:1,3 full (3) 26:23;35:1;83:2 Fully (1) 30:3	9:5;11:8,10,10,12, 16,20,23;12:5,11,18, 23;13:3,7,13,18,23; 14:4;17:24;19:17,21; 20:5,11,17,21;21:3,8, 24;22:3,8,13,23;23:3, 7,9,13,16,18,20,23; 24:7,12,14,18,23;	70:1 head (2) 24:15;33:3 hear (2) 55:12;85:16 heard (12) 12:12;19:14;29:15; 31:13,18;61:8;67:11;	ID (3) 78:4,13,17 idea (3) 37:9;47:9;68:3 identification (1) 5:20 identified (2)
53:18 five-year (7) 19:1;50:18;58:11; 84:24;85:13;86:4; 87:16 five-year-cycle (7) 15:21;16:15;17:22;	48:24;49:9,11; 50:22,24;51:9;52:7 Friday (2) 8:1,3 full (3) 26:23;35:1;83:2 Fully (1)	9:5;11:8,10,10,12, 16,20,23;12:5,11,18, 23;13:3,7,13,18,23; 14:4;17:24;19:17,21; 20:5,11,17,21;21:3,8, 24;22:3,8,13,23;23:3, 7,9,13,16,18,20,23;	70:1 head (2) 24:15;33:3 hear (2) 55:12;85:16 heard (12) 12:12;19:14;29:15; 31:13,18;61:8;67:11; 83:14,15,18,23;85:15	ID (3) 78:4,13,17 idea (3) 37:9;47:9;68:3 identification (1) 5:20 identified (2) 39:24;40:2
53:18 five-year (7)	48:24;49:9,11; 50:22,24;51:9;52:7 Friday (2) 8:1,3 full (3) 26:23;35:1;83:2 Fully (1) 30:3	9:5;11:8,10,10,12, 16,20,23;12:5,11,18, 23;13:3,7,13,18,23; 14:4;17:24;19:17,21; 20:5,11,17,21;21:3,8, 24;22:3,8,13,23;23:3, 7,9,13,16,18,20,23; 24:7,12,14,18,23;	70:1 head (2) 24:15;33:3 hear (2) 55:12;85:16 heard (12) 12:12;19:14;29:15; 31:13,18;61:8;67:11;	ID (3) 78:4,13,17 idea (3) 37:9;47:9;68:3 identification (1) 5:20 identified (2)

2022 REP/VMP Progra	III 1 1411	T	I	April 20, 2022
IDs (2)	information (5)	issue (13)	34:14;37:3;38:14;	Listening (2)
. ,			41:11;43:11;44:8,15,	17:23;58:1
77:23;78:1	7:7,9,18;44:8;	4:23;7:16;11:23;		
ie (2)	79:21	31:2;63:14;64:8;	23;48:1;49:24;65:8;	literally (1)
31:22;51:22	informational (1)	81:10;85:17;86:11;	69:12;72:11;83:15	9:20
illustrative (1)	79:24	87:13,16,20;88:9	late-filed (3)	litigating (1)
30:12	informed (1)	issues (14)	5:21;6:3,6	7:8
immediate (3)	80:19	5:8;12:12;17:10;	later (2)	little (4)
55:8,11,13	in-house (1)	28:20,23;29:5;31:19;	8:1;88:1	25:15;33:20;60:2,
impact (1)	75:5	43:3,4;55:3,9;56:7;	LCIRP (2)	23
76:2	initial (1)	64:14,16	55:23;56:9	live (1)
impacting (1)	7:18	items (1)	leadership (2)	75:18
28:11	Initially (2)	51:23	14:22;69:9	local (1)
imperative (1)	27:21;69:17	31.23	learning (3)	29:18
66:2	instances (1)	J	70:12,14,20	long (2)
	51:7	J		
implemented (1)		T (4)	least (2)	56:4,4
53:22	instead (1)	Jay (1)	9:15;55:1	longer (7)
important (6)	25:9	4:19	leave (1)	25:24;33:22;43:18;
35:24;37:23;42:23;	integrated (1)	jelly (1)	30:21	52:10;53:6;63:16;
69:22;80:21;82:21	55:2	67:7	leaving (1)	76:5
impossible (1)	intend (1)	joined (1)	36:2	look (14)
17:16	75:18	4:19	left (4)	48:22;49:4;51:18,
impromptu (2)	intended (4)	joint (2)	29:21;38:9;74:1;	19;54:2,8;56:7;
19:12;56:24	40:3;42:15;55:6;	64:8,12	84:21	58:21;71:12;75:22;
improve (2)	65:20	joystick (2)	less (5)	76:4;78:11;80:9;
51:23;55:7	intends (2)	33:24;67:4	24:24;25:8;31:20;	85:22
improved (1)	16:2,19	jumping (1)	36:5;53:6	looked (2)
34:12	T			35:22,22
	intent (5)	53:24	level (1)	
improvement (1)	61:2,6;65:12,16;	T/	30:7	looking (6)
69:21	86:12	K	Liberty (35)	27:1;42:2;52:16;
include (1)	intention (1)		4:6,9,11;10:15,16;	63:21;66:22;76:5
82:14	18:24	keep (1)	14:7,10,12,15,17;	looks (4)
included (4)	interested (2)	80:18	18:3,4,8;22:19;	50:22;70:24;71:2;
40:19,24;64:7;79:2	87:15,21	keeping (1)	35:21;38:21;45:17,	81:18
includes (3)	interpret (3)	46:6	21;49:5;50:1;51:19;	lose (1)
41:1;47:14;62:2	49:17,21;60:19	kidding (1)	55:22;68:5,9;70:10;	33:16
increase (9)	interpretation (3)	65:9	75:4,7;77:1;81:4;	losing (2)
28:6;36:21;62:1,3;	48:18;60:22;62:19	kind (4)	82:9,19;83:4;84:10,	33:20;36:2
66:16,18,19,23;68:13	INTERROGATORIES (1)	9:18;37:24;68:18;	15,19	loss (3)
increased (4)	56:19	71:15	life (1)	28:10,12;81:5
27:7;46:16;67:1;	interrupts] (1)	knew (1)	36:11	lot (7)
81:7	66:21			29:9;42:21;44:17;
		36:1	likely (2)	
increases (1)	into (13)	knows (1)	83:16;84:24	45:1;69:11;70:14;
82:11	5:15;7:16;12:15;	85:2	limb (1)	72:20
incrementally (1)	16:20;20:14,22;	_	51:24	low (1)
72:14	21:14;26:2;29:7;	\mathbf{L}	limbs (2)	43:5
index (4)	33:2;36:1;48:6;86:2		55:14,16	lower (4)
48:23;49:1;51:12,	introduce (4)	labeled (2)	limited (1)	44:19;45:10;50:24;
14	10:4,9;11:9;14:6	22:2;30:3	11:23	52:21
indicate (2)	introduced (1)	lack (4)	Line (29)	lowering (2)
30:12;83:18	33:2	29:2,13;69:16;	11:20,21;22:1;	71:19;72:12
indicated (3)	investing (1)	76:16	24:2;30:8;34:14;	Lucky (1)
59:4;81:17;82:12	51:20	laid (2)	38:18,20,20;39:3,14,	65:10
indicates (2)	investment (6)		14;42:3;44:5,10;	03.10
48:19;52:17	10:2;52:6;67:22;	21:6;47:8	45:20;50:7,8,9,23;	M
· ·		lands (1)		171
indices (3)	68:4,9;75:10	67:7	51:3,4;54:8;60:10,12,	
48:23,24;50:2	invoices (2)	largely (1)	16,16;66:2;69:18	machine (11)
individual (3)	73:12,21	63:12	lines (5)	33:12,23;34:10;
50:17,19;54:3	involve (1)	larger (1)	16:3;24:9;35:4;	67:11;68:20,21;
industry (5)	81:5	53:5	42:24;60:7	71:17,19;72:14;
29:1,8,21;33:2;	involved (1)	last (24)	liquidated (1)	75:12,16
74:23	34:1	7:24;9:16;12:12;	69:14	machinery (1)
inform (1)	involves (1)	15:19,22;16:9;18:13;	list (1)	33:1
	, ,			
80:1	32:6	22:14;23:4;26:14;	78:11	machines (1)

022 KEI/VMI TTOGTA	III 1 1411	1	1	April 20, 20
34:7	35:11;46:8;53:10;	5:2;25:17;26:3;	33:3:34:13	November (5)
maintenance (2)	62:8;77:19	27:15;30:5;35:23;	mowers (2)	22:5;38:5;79:19;
47:5;68:21	meant (1)	36:17;37:18;38:9,22;	13:24;32:17	80:5,16
majority (1)	57:20	60:19;62:3,9,17,21,	mowing (1)	number (35)
7:14	mechanically (1)	21;65:20;66:12;	34:6	16:23;23:9,10;
makes (1)	34:7	75:19;81:15,23;	much (10)	24:15;31:14;37:23,
18:18	mechanized (20)	83:13,20;84:14;85:4	17:7,8;44:19;	24;39:8,13,14;41:16
making (3)	13:24,24;17:24;	mind (2)	52:10;61:15;67:9;	42:7;43:5,21;44:9,
68:10;79:20;84:10		23:11;72:24	68:6;69:21;71:22;	
	31:22;32:5,6,17;34:2, 13;46:18;47:15,19;		72:3	12;45:10,16;46:12; 49:2;50:6,11,13,24:
manage (1)		mine (1) 49:23		
65:8	61:8;66:16;69:18;		multiply (1)	51:4;52:5,14;58:3,10
managed (1)	70:18;72:2,7,8;74:22	minimum (2)	59:9	19;60:20;67:13;80:
14:24	meet (4)	66:24;67:6	N T	81:18;82:12
Management (18)	25:2;26:8;27:20;	minus (2)	N	numbers (11)
4:7,24;11:12;	40:5	41:17,21		28:2;42:10;46:24;
17:12;26:5;36:16;	meeting (3)	minute (1)	nail (1)	49:4;50:14;51:8;
37:7;38:7;44:7;	69:9;70:8;79:22	74:12	38:13	52:11;58:6;75:24;
65:15,23;69:22;	mention (2)	minutes (4)	name (2)	85:1,2
73:17;79:15;80:2,20;	64:15;71:14	9:21;15:18;49:6,7	10:13;14:8	
81:8,11	mentioned (6)	missing (2)	names (1)	0
nanager (2)	15:17;19:17;28:16;	11:20;39:4	19:24	
10:14;11:12	32:16;59:8,10	mistake (1)	near (1)	oak (2)
many (8)	met (2)	35:18	47:21	55:14,16
23:4,5,8,14;24:13;	27:12;74:17	model (1)	need (7)	objection (2)
40:17;49:3;79:20	metrics (2)	75:7	5:6;8:9,14;22:10;	6:18;78:13
March (1)	50:4,20	moment (4)	29:11;71:3,21	objections (1)
40:15	mic (1)	23:18;39:6;59:17;	needs (4)	6:2
mark (1)	57:3	61:20	6:9,22;29:14;68:23	obligations (3)
8:3	middle (1)	money (10)	negotiations (1)	69:13,13;70:9
marked (5)	45:19	17:7,18;31:1;37:6;	25:22	obtain (4)
10:11,20;11:15;	might (3)	57:8,9,11;65:17;	neighborhood (1)	17:12,17;27:24;
15:7;48:12	5:12;30:13;70:4	76:11,16	85:4	86:14
match (2)	Mike (1)	months (2)	New (18)	Occasionally (1)
39:14,14	4:11	12:15;36:3		7:16
	mile (1)	more (23)	4:14;11:24,24;	
matched (1)			13:1,4,19;14:11;	occurred (1) 15:23
86:4	33:15	21:14;25:13;27:15,	19:18;29:7;33:1;	
matches (1)	mileage (2)	23;29:22;30:11;31:2;	55:16;70:13;74:22,	off (3)
42:9	40:4;77:9	32:3;34:4;38:15;	23,23;75:10,15;83:24	6:1;84:21;86:15
math (3)	miles (118)	41:19,24;43:22;	next (12)	off-road (3)
38:1;59:20;60:4	12:19;16:23;17:2,	44:22;53:5;60:17;	9:19;11:14;15:6;	24:3;33:10;34:13
mathematics (1)	18;18:4;19:22;20:15,	69:5;70:12;72:3,14;	19:2;27:17;28:7;	offset (1)
66:15	19,20,21;21:22;	75:17,17;77:20	55:17;62:11,14;	86:10
natter (2)	22:10;23:4,6,14,22,	morning (9)	82:12;83:2;84:10	old (2)
60:22;88:9	24;24:1,3,4,13,20,21,	4:3,10;11:5,19;	nine (1)	82:16;86:18
matters (3)	24;25:9,10;27:23;	14:8;15:4,8;56:21;	70:15	oldest (1)
4:22;8:21;10:18	28:16,18;30:4,4,8,14,	88:6	Nineteen (1)	40:10
nature (1)	19;31:3,15,17;32:3;	most (1)	69:19	once (2)
53:5	33:11;34:21;35:2;	70:2	nod (2)	34:15;74:1
may (15)	36:5;37:18;38:13,15;	Motion (10)	87:7,23	one (31)
9:23;22:16;31:14;	39:1,1,2,3,5,12,13,17,	5:21;6:3,5,9,15,16;	none (2)	15:17;16:3;23:18;
53:6;55:23;56:9;	18,20;40:8;41:3,7,8,	7:12;8:4;78:8,14	22:9;81:3	28:4;29:3;33:11,12
58:16;61:1;75:17;	10,13,16,17,20;42:1,	mouth (1)	non-roadside (1)	34:4;39:6;40:10;
77:8,22;83:16,22;	5,8,15,22,22;43:2,6,	68:2	24:3	41:19,24;44:22;
87:19,22	15,17,21,22;44:3,19;	move (8)	note (2)	46:16;47:6,17;51:1
naybe (9)	54:6,7,9,18,20;55:5;	9:9;18:24;19:8;	5:24;61:3	14;57:2;59:17;61:2
6:20;28:22;33:14;	56:3;58:3,4,5,5,6,19;	56:16;72:21;74:9;	notes (1)	64:1,23;65:19;66:2
48:1;51:16;58:21;	59:2,3,5,11,23;60:1,	78:19;84:19	74:12	69:7;70:21;71:7;
67:8;70:3;71:24	12,13,20,21;61:4;	moving (4)	Notice (2)	74:13;81:18;85:1
mean (2)	66:11;67:12,12,19;	16:14;21:12;44:3;	6:21;7:4	only (5)
	70 17 70 67 74 17	70:19	noticed (2)	28:4;34:12;40:9;
65:4;73:5	72:17;73:6,7;74:17;	70.19	(-)	
65:4;73:5	72:17;73:6,7;74:17; 75:17;76:9;81:14,23;	mow (1)	5:9;85:9	53:18;83:10

ZUZZ REI / VIVII I I IUGI u		T.	T	1- P 111 = 0, = 0==
open (3)	53:1	11:13;13:16;29:7,	76:9	prepared (2)
18:19;64:5;77:1	overhead (3)	10,12	planner (1)	19:11;21:15
operate (2)	24:1,9;54:19	per (4)	45:1	present (1)
33:3,4	owner (1)	70:2;72:13;75:17,	planners (1)	15:22
operating (1)	64:13	17	44:6	presented (1)
22:19	ownership (1)	percent (17)	planning (3)	21:20
operation (2)	64:8	5:2;27:23;29:15,	44:17;45:4;59:14	pretty (1)
35:24;36:12	owns (1)	16;62:16;63:19;	plans (2)	74:21
operations (3)	63:19	66:19,24;67:2,7,8,8,	37:15,17	previous (4)
14:10,23;36:9	P	8;68:14;81:24;83:13,	playing (1)	39:12;49:19;52:15;
operator (1)	r	20	64:11	53:14
69:3	Page (17)	percentage (2) 28:6;71:5	please (10) 9:2;10:3,8;11:9;	previously (4) 28:10;32:22;33:18;
opportunity (5) 18:1;56:6;64:19;	11:20;30:2;35:4;	perfect (2)	14:6;25:6,14;41:19;	58:3
69:24;71:11	38:18;42:24;45:20;	67:3;71:18	48:18;54:17	price (1)
opposed (2)	47:9;48:3;49:16;	perform (1)	plus (5)	57:17
28:17;36:16	50:16;54:5,12,14;	73:14	5:2;27:22;59:18;	prior (11)
opt (1)	58:15;60:6,18,20	performance (5)	83:13,20	6:5,10;7:3,12;
82:19	pagination (1)	45:5;50:19;51:23,	point (2)	14:17;16:11;43:4;
opted (1)	5:24	24;52:14	47:1;83:1	66:14;79:15;80:3;
86:23	paid (6)	performing (1)	pole (1)	86:6
option (1)	25:18;73:21,23;	47:6	64:2	priority (1)
71:17	76:13,20,21	period (6)	poles (2)	29:6
Order (6)	panel (7)	25:20;27:2;39:21;	63:19;64:13	probably (4)
6:21;7:16;80:9,11;	8:22;9:2;23:17;	40:7;82:17;83:8	poorly (2)	10:2;40:10;63:23;
87:13;88:9	32:11;35:14;44:24,	person (1)	61:2,5	71:22
Oregon (1)	24	18:6	portion (5)	problem (3)
70:4	paragraph (1)	petition (1)	10:23;12:14;25:24;	35:17,19;78:12
organization (3)	45:19	18:12	50:12,13	problems (3)
14:22;36:6;69:23	parameters (1)	phases (1)	position (4)	56:2;64:22;85:23
original (2) 7:24;58:23	80:3 Part (11)	56:5 phenomenon (1)	10:9;11:11;14:7; 30:18	proceed (2) 9:1;10:3
otherwise (1)	12:24;16:8;20:20,	12:1	positions (2)	proceeding (2)
62:18	21;21:8;26:23;56:10;	phrase (1)	29:16,20	48:13;87:5
out (21)	61:23;63:8;64:4;	20:13	possible (2)	process (4)
13:7;19:23;21:6;	73:15	phrased (3)	51:16;69:4	26:23;32:14;46:15;
23:1;25:21,23;26:7,	participate (2)	5:12;31:1;46:6	potential (5)	86:15
15,16,24;29:10;	11:13;15:5	pick (1)	18:2;32:1;37:19,	productive (1)
37:21;42:21;47:8;	participated (1)	13:14	20;52:2	77:2
49:2;56:5;66:18;	10:19	Picking (1)	potentially (3)	productivity (2)
71:10;83:1;84:3;86:9	particularly (2)	84:20	31:24;46:19;72:12	69:16,17
outage (4)	48:21;80:21	piece (5)	practice (1)	professionally (1)
49:11;52:2,4;53:7	parties (2)	8:4;13:20;34:18,	6:7	33:19 Program (4)
outages (5) 49:5,9;52:7;53:11,	7:4,10 partly (1)	18;73:16 pieces (2)	preapproval (2) 82:10;84:9	Program (4) 4:7,24;53:21;85:5
49.5,9,52.7,55.11, 12	86:18	16:20;27:4	prefer (1)	4.7,24,33.21,83.3 projected (2)
outcome (1)	past (8)	pivot (2)	18:8	41:2;43:23
65:17	14:3;32:8,21;	26:17;27:17	preferred (1)	promising (1)
output (5)	45:18;48:10;79:21;	plan (30)	81:22	83:24
66:16,19,23;67:1;	80:10;86:18	12:9,21;16:21;	prefiled (3)	prompted (1)
68:13	Paul (1)	17:19;20:15;21:5,20;	5:20;8:13;9:12	79:22
outriggers (1)	4:18	26:14,22;27:22;	prehearing (1)	proper (1)
33:8	pause (1)	37:21;40:23;55:2;	80:14	62:12
outset (1)	79:3	58:23;59:2;65:14;	prejudge (2)	property (6)
7:17	pay (1)	66:11;79:5;81:14,16,	82:23;84:9	27:14;43:14,16;
over (19)	29:22	22;82:3,7,13;83:11;	prejudging (1)	46:7;69:19;74:1
14:20;15:20;27:2;	paying (2)	85:13;86:4,20;87:7, 13	87:9	proposal (6)
28:22;34:17;38:9,14;	25:24;63:16		preliminary (2) 4:22;8:20	37:12,13;39:24;
39:20;40:7;45:18; 46:17;50:20;52:6;	payments (1) 81:6	planned (18) 9:15;20:15;22:10;	4:22;8:20 premarked (1)	82:14;84:9;85:5 propose (2)
55:16;56:23;63:2;	pending (1)	23:6,8,15;26:20;41:7,	5:20	84:24;85:12
65:8;69:11;76:5	65:18	8;44:20;54:4,6;55:6;	prepare (2)	proposed (15)
overall (1)	people (5)	56:22;58:3,19,22;	34:24;35:1	12:8;17:4;22:2;
	* * * * /	, · - , · · · ,— - ,	y ·	, ,,

2022 KEI/VIII TTUgra	III I Iali	T	T	April 20, 2022
24.21 24.25.0.28.17.	anibblina (1)		72.12	4.22.52.7
24:21,24;25:9;28:17;	quibbling (1)	reasonable (4)	73:12	4:23;53:7
30:9;31:9;39:15;	78:23	31:16;33:21;84:14;	relation (1)	resource (4)
44:10;58:24;75:19;	quick (2)	87:9	50:10	27:18,19,19;55:2
84:13;87:8	41:24;55:20	reasonableness (2)	relatively (2)	resources (2)
provide (6)	quickly (1)	32:4;85:22	14:11;74:22	31:8;46:14
25:13;48:9,18;	52:1	reasons (1)	released (1)	respect (1)
63:17;65:8;73:21	quite (7)	7:11	77:18	6:4
provided (6)	52:11,12;65:4;	recall (5)	reliability (8)	respond (1)
25:17;48:10;79:12,	66:15,18;67:14;88:2	16:15;37:9;44:20,	48:9,19;50:2;55:3,	7:6
19;83:8;87:4	quote (5)	23;57:6	7,9;56:2,7	responded (1)
provider (2)	19:18;35:9;77:8;	recalled (1)	remainder (1)	13:9
57:10,12	82:7,8	20:8	40:17	responding (1)
provides (1)	02.7,0	receive (3)	remember (1)	20:4
64:18	R	5:21;69:18,19	29:15	response (2)
	N.			
provisional (2)		received (1)	re-mobilize (1)	48:15;49:13
78:3,6	raised (1)	73:13	36:4	responses (2)
provisions (1)	32:23	Recently (1)	removed (1)	6:8;7:2
17:13	ramping (1)	5:3	73:14	responsible (3)
prudence (1)	70:13	recognize (1)	Repeat (3)	10:17;11:1;18:7
86:1	range (1)	19:9	54:17;71:11;84:13	rest (1)
				` /
prudently (2)	67:6	recommended (1)	repeated (1)	12:24
86:2,7	rate (36)	37:9	63:10	restate (1)
pruner (1)	16:9;19:1;22:20;	reconciliation (8)	repetitive (1)	46:21
46:18	24:20;25:10,21;28:2,	9:17;26:14;44:9;	22:17	restrictions (1)
pruners (2)	18;35:7;36:24;37:3;	62:18,22;63:4,8;	rephrase (2)	28:1
13:24;32:17	62:1,6,11;75:11;79:6,	73:17	37:13;66:22	result (4)
pruning (3)		record (3)	replacement (2)	22:20;43:2;52:5,13
	8,9,16;80:3;82:10,13,			
32:6,24;33:14	15,16,21;83:2,6;	22:18;48:2;78:18	69:2;86:8	resulted (1)
PUC (7)	84:11,23;85:1,8,12;	recover (1)	replied (1)	80:10
48:3,4;50:5;64:4;	87:2,17,21,23	62:15	27:11	reverse (1)
79:22;80:1;82:22	ratemaking (1)	recoverable (1)	report (1)	59:20
purchased (2)	82:5	85:18	50:4	review (3)
61:9,12	ratepayer (2)	recovered (2)	Reporter (2)	6:15;79:11;86:1
		63:2,3	9:7;66:21	reviewed (2)
purpose (1)	73:4,11		*	
7:3	ratepayers (1)	recovering (1)	represent (1)	8:13;45:16
purposes (1)	81:4	82:20	31:10	reviews (5)
30:12	rate-related (1)	recovery (1)	represents (1)	23:19;39:7;40:16;
pursue (1)	10:17	82:15	31:11	41:14,22
86:8	Rates (3)	recruit (1)	reproduce (1)	revisiting (1)
pursued (1)	10:14;36:21;82:10	29:7	71:11	87:16
29:17	rather (5)	recruiting (1)	REP-VMP (1)	RFPs (1)
pursuing (1)	7:8;24:19;62:4;	67:5	53:21	20:18
63:18	87:24;88:1	recruitments (1)	request (10)	right (31)
put (11)	reach (1)	29:2	12:7;18:11,24;	8:8,24;20:10;
7:4;13:7;18:4;	62:10	redirect (2)	36:20,24;37:4,7;	21:23;36:22;41:6,18,
19:22;20:11;22:6;	read (9)	74:9,14	48:8;49:14;82:15	24;44:1;45:3;46:3,
37:23;38:10;40:20;	11:22;39:10;61:5,	reference (1)	requested (1)	12;47:22;51:14;
68:1;73:18	22;62:1,12,23;79:1,	48:3	37:16	52:15;53:17;56:13;
				58:8;59:8;61:10;
putting (2)	10	references (1)	requests (3)	
34:10,14	reading (2)	38:23	7:7;68:18;78:18	65:21,23;67:3,4;
	60:9;62:8	referring (1)	require (1)	68:15;70:3,21;71:8;
Q	reads (1)	67:14	6:5	81:18;87:10,24
	60:23	regarding (2)	required (1)	right-of-way (2)
qualification (1)	real (1)	4:6;8:9	86:19	33:9;34:8
	55:20	*	requirement (2)	*
9:11		regardless (2)		roads (1)
quality (4)	reality (1)	18:22;65:17	55:22;74:19	56:4
33:18,20;71:15,20	82:2	regards (2)	requirements (3)	roadside (8)
quantity (1)	really (3)	26:20;64:8	27:12;77:9,9	14:1;23:24;24:5,
71:15	60:9;71:8;79:4	Regulatory (2)	requires (2)	22;26:9;32:17;33:9;
quarter (1)	realm (1)	4:20;10:14	7:2;13:1	34:15
70:17	32:4	reimbursement (1)	reset (1)	Robidas (1)
			33:7	9:2
quarterly (1)	reason (3)	81:6		
50:5	7:23;8:1;25:8	related (1)	resolve (2)	role (2)
	1	I	1	

10:10,17	8;49:20 0;78:22 ;47:1; 0 ;36:6;
roles (1) 45:11;57:18;63:1; 80:24;81:1;82:1; 51:17 standard (2) roll (1) 84:13;85:17 86:19,22 skilled (1) 6:7;72:4 roll (1) 84:13;85:17 seven (7) 29:11 standards (1) rolls (1) 67:19 17;70:15 skips (1) 71:20 Rookie (1) 40:6 45:18;85:9 44:24 stands (1) 35:18 Scott (1) shall (4) slowly (1) 19:12;21:1 room (1) 4:19 62:5,15;63:2,3 33:1 started (3) 15:22 seated (1) share (1) small (6) 14:14;16:1 rounding (1) 77:20 25:18 36:13;51:17;55:14; starting (4) 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 malle (6) 14:14;16:1 56:12 second (4) 29:23 4:10,11;5:7;6:4,16, 50:7;2:15;73:23 56:27;15;73:23 56:27;16 starts (2) rule (3) 28:15,19;60:16; 14;10:47;19:47; 50:7,9,23 42:2 52:1 rules (5)	8;49:20 0;78:22 ;47:1; 0 ;36:6;
14:22 75:14;77:11;83:21; 86:19,22 skilled (1) 6:7;72:4 roll (1) 84:13;85:17 seven (7) 29:11 standards (1) 7:16 scenario (1) 46:3;47:3,4,11,12, skips (1) 71:20 rolls (1) 67:19 17;70:15 46:2 stands (1) 87:2 schedule (1) several (2) slightly (1) 12:17 Rookie (1) 40:6 45:18;85:9 44:24 start (3) 35:18 Scott (1) shall (4) slowly (1) 19:12;21:1 room (1) 4:19 62:5,15;63:2,3 33:1 started (3) 15:22 seated (1) 77:20 25:18 36:13;51:17;55:14; started (3) 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 starting (4) 70:1 29:23 4:10,11;5:7;6:4,16, 56:5;72:15;73:23 70:21 rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; 85:11 starts (2) rule (3) 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 <tr< td=""><td>8;49:20 0;78:22 ;47:1; 0 ;36:6;</td></tr<>	8;49:20 0;78:22 ;47:1; 0 ;36:6;
roll (1) 84:13;85:17 seven (7) 29:11 standards (1) 7:16 scenario (1) 46:3;47:3,4,11,12, skips (1) 71:20 87:2 schedule (1) several (2) slightly (1) 12:17 Rookie (1) 40:6 45:18;85:9 44:24 start (3) 35:18 Scott (1) shall (4) slowly (1) 19:12;21:1 room (1) 4:19 62:5,15;63:2,3 33:1 started (3) 15:22 seated (1) share (1) small (6) 14:14;16:1 rounding (1) 77:20 25:18 36:13;51:17;55:14; starting (4) 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 13:2;45:20 routine (1) 29:23 4:10,11;5:7;6:4,16, smaller (2) 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:47,19:4,7; 50:7,21;44.7; 50:1 85:11 State (4) rule (3) 29:11 74:10,11,15;77:14, 50:7,9,23 4:12;10:18 6:24;48:4,5 70:4 30:24;63:21;64:2,17,<	8;49:20 0;78:22 ;47:1; 0 ;36:6;
7:16 scenario (1) 46:3;47:3,4,11,12, 17;70:15 skips (1) 71:20 87:2 schedule (1) several (2) 46:2 stands (1) Rookie (1) 40:6 45:18;85:9 44:24 start (3) 35:18 Scott (1) shall (4) slowly (1) 19:12;21:1 room (1) 4:19 62:5,15;63:2,3 33:1 started (3) 15:22 seated (1) share (1) small (6) 14:14;16:1 rounding (1) 77:20 25:18 36:13;51:17;55:14; started (3) 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 starting (4) 56:12 second (4) 20;24;8:2,7,23;9:10, 56:5;72:15;73:23 starts (2) rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; 50:7,16 starts (2) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; 50:7,9,23 41:2;10:18 6:12 secondly (1) 29:11 74:10,11,15;77:14, 50:7,9,23 42:2;10:18 6:24;48:4,5 secondly (2) 54:3;61:23 shi	8;49:20 0;78:22 ;47:1; 0 ;36:6;
rolls (1) 67:19 17;70:15 46:2 stands (1) 87:2 schedule (1) 40:6 45:18;85:9 44:24 start (3) 35:18 Scott (1) shall (4) slowly (1) 19:12;21:1 room (1) 4:19 62:5,15;63:2,3 33:1 started (3) 15:22 seated (1) share (1) small (6) 14:14;16:19 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 13:2;45:20 routine (1) 29:23 4:10,11;5:7;6:4,16, smaller (2) 70:21 56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:4,7;19:47; 85:11 state (4) 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; 50id (3) 4:12;10:18 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stat	0;78:22 ;47:1; 0 ;36:6;
87:2 schedule (1) several (2) slightly (1) 12:17 Rookie (1) 40:6 45:18;85:9 44:24 start (3) 35:18 Scott (1) shall (4) slowly (1) 19:12;21:1 room (1) 4:19 62:5,15;63:2,3 33:1 started (3) 15:22 seated (1) share (1) small (6) 14:14;16:19 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 13:2;45:20 routine (1) 29:23 4:10,11;5:7;6:4,16, 5maller (2) 70:21 56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; so-called (1) 38:20;60:19 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; 50id (3) 4:12;10:18 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1	0;78:22 ;47:1; 0 ;36:6;
Rookie (1) 40:6 45:18;85:9 44:24 start (3) 35:18 Scott (1) shall (4) slowly (1) 19:12;21:11 room (1) 4:19 62:5,15;63:2,3 33:1 started (3) 15:22 seated (1) share (1) small (6) 14:14;16:10 rounding (1) 77:20 25:18 36:13;51:17;55:14; starting (4) 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 13:2;45:20 routine (1) 29:23 4:10,11;5:7;6:4,16, smaller (2) 70:21 56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; so-called (1) 38:20;60:10 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 <td< td=""><td>0;78:22 ;47:1; 0 ;36:6;</td></td<>	0;78:22 ;47:1; 0 ;36:6;
35:18 Scott (1) shall (4) slowly (1) 19:12;21:1 room (1) 4:19 62:5,15;63:2,3 33:1 started (3) 15:22 seated (1) share (1) small (6) 14:14;16:19 rounding (1) 77:20 25:18 36:13;51:17;55:14; starting (4) 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 13:2;45:20 routine (1) 29:23 4:10,11;5:7;6:4,16, smaller (2) 70:21 56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; so-called (1) 38:20;60:19 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; solid (3) 4:12;10:18 64:18 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 54:3;61:23 shift (1) <td>0;78:22 ;47:1; 0 ;36:6;</td>	0;78:22 ;47:1; 0 ;36:6;
room (1) 4:19 62:5,15;63:2,3 33:1 started (3) rounding (1) 77:20 25:18 36:13;51:17;55:14; starting (4) 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 13:2;45:20 routine (1) 29:23 4:10,11;5:7;6:4,16, smaller (2) 70:21 56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:47;19:4,7; so-called (1) 38:20;60:10 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; 50:7,9,23 4:12;10:18 64:18 29:11 74:10,11,15;77:14, 50:7,9,23 4:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1)	0;78:22 ;47:1; 0 ;36:6;
15:22 seated (1) share (1) small (6) 14:14;16:19 rounding (1) 77:20 25:18 36:13;51:17;55:14; starting (4) 60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 13:2;45:20 routine (1) 29:23 4:10,11;5:7;6:4,16, smaller (2) 70:21 56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:47;19:4,7; so-called (1) 38:20;60:19 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; solid (3) 4:12;10:18 64:18 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; 83:21;86:7 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) <td>;47:1; 0 ;36:6;</td>	;47:1; 0 ;36:6;
60:3 seats (1) SHEEHAN (31) 56:5;72:15;73:23 13:2;45:20 routine (1) 29:23 4:10,11;5:7;6:4,16, smaller (2) 70:21 56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; so-called (1) 38:20;60:19 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rule making (1) Secondly (1) 23;65:1;72:24;73:1; solid (3) 4:12;10:18 64:18 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1	0 ;36:6;
60:3 seats (1) 29:23 4:10,11;5:7;6:4,16, smaller (2) 70:21 56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; so-called (1) 38:20;60:19 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; solid (3) 4:12;10:18 64:18 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 4 secure (5) 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; 83:21;86:7 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1	0 ;36:6;
56:12 second (4) 20,24;8:2,7,23;9:10, 52:7,16 starts (2) rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; so-called (1) 38:20;60:10 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; solid (3) 4:12;10:18 64:18 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 4 secure (5) 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1	;36:6;
rule (3) 28:15,19;60:16; 14;10:4,7;19:4,7; so-called (1) 38:20;60:10 6:24;48:4,5 70:4 30:24;63:21;64:2,17, 85:11 State (4) rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; solid (3) 4:12;10:18 64:18 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 4 secure (5) 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1	;36:6;
6:24,48:4,5 70:4 30:24;63:21;64:2,17, 23;65:1;72:24;73:1; 50lid (3) State (4) rulemaking (1) 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 4 54:3;61:23 secure (5) 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 somehow (1) Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1	;36:6;
6:24;48:4,5 70:4 30:24;63:21;64:2,17, 23;65:1;72:24;73:1; 30lid (3) State (4) rulemaking (1) 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 4 54:3;61:23 secure (5) 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 somehow (1) Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1)
rulemaking (1) Secondly (1) 23;65:1;72:24;73:1; solid (3) 4:12;10:18 64:18 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 4 secure (5) 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1)
64:18 29:11 74:10,11,15;77:14, 50:7,9,23 44:22 rules (5) section (2) 17;84:19,20 solution (1) statement (4) 6:5;7:21;48:4;64:3, 54:3;61:23 shift (1) 27:11 35:5;36:18 4 secure (5) 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1	
6:5;7:21;48:4;64:3, 4 secure (5) 71:22 somebody (1) 85:18 69:8 somehow (1) 70:1 35:5;36:18 somebody (1) 70:1	
6:5;7:21;48:4;64:3, 4 secure (5) 71:22 somebody (1) 85:18 69:8 somehow (1) 70:1 35:5;36:18 somebody (1) 70:1	
4 secure (5) 71:22 somebody (1) 84:16 rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1	
rulings (1) 21:9;31:7;57:5,5; short (2) 57:8 Stater (1) 85:18 69:8 83:21;86:7 somehow (1) 70:1	
85:18 69:8 83:21;86:7 somehow (1) 70:1	
run (2) secured (1) shorter (1) 14:24 states (1)	
47:18,18 47:21 51:8 someone (2) 65:13	
running (2) seeing (7) shortfall (1) 26:11;67:11 statistics (2)	
50:18;86:15 29:14;43:8;50:5; 83:22 sometimes (2) 48:10;53:2	
rural (1) 52:5,8,10,13 shortly (1) 7:19;79:23 statutes (1)	
69:5 seem (2) 7:13 soon (2) 83:8	
29:12;83:15 show (2) 13:2;19:19 stay (1)	
S seems (2) 34:21;48:20 sooner (1) 77:19	
68:12;84:14 showed (1) 87:24 STEELE (66	
sacrifice (1) sees (1) 81:22 sorry (7) 9:5;14:6,8,	
36:11 49:10 shown (3) 39:2;46:20;51:3; 15,20;15:3,	
safety (4) send (1) 39:4;50:14;60:15 54:12,14;55:10; 24;16:4,6,1	
36:11;65:24;66:1,2 7:9 shows (6) 59:21 6,9,11,23;1	
SAIDI (11) senior (2) 49:22,24;50:7,8,9; sort (6) 19:3;30:16,	
48:16,22;49:1,7,8; 14:9;69:9 70:7 47:7;63:14;64:13; 12,18;32:9	
50:3,6,11;51:3;52:11, sense (9) side (1) 66:18;82:10;84:8 18,20;36:2	
14 18:19;37:4;53:17, 67:7 sound (2) 48:21;49:2	
SAIDI/SAIFI (2) 19;57:23;58:10;61:7; signal (1) 22:16;41:18 51:2,6,11,1	
75:21;76:4 63:17;79:4 84:8 sounds (4) 23;53:3,10.	
SAIFI (10) sensitivities (1) significant (4) 20:3;47:12;67:20; 55:19,22;6.	
48:16,23;49:2,9; 67:18 12:14;72:12;76:2; 70:11 66:10;69:7 50:3,13,23;51:3; sentence (10) 81:2 specific (1) 72:5;75:14	
	,70.5,0;
52:5;53:11	
19:21;40:15 24;62:14 26:5,9;81:7 specifically (1) step (1) 56:6	
same (10) separate (2) 48:11 speed (1) still (11)	
11:8;27:14;31:22, 18:21;87:20 simple (1) 87:1 22:12;26:1	9.30.1.
24;33:13,15;37:24; Service (1) simple (1) spend (10) 34:1;43:12	
42:11;60:8;64:11	
sample (1) sessions (3) sessions (3) single (1) 15.16,26.3,27.2, 72.19,73.11 stipulates (1)	
51:17 22:16;48:1;83:4 sit (1) 65:14,16,20;81:12 5:1	
satisfactorily (1) set (2) 72:8 spending (6) stop (1)	
86:5 23:1;80:3 situation (3) 25:17;26:21;36:17; 88:4	
satisfied (1) setting (2) 33:21;55:7;73:5 62:3,9,20 storms (3)	
74:18 33:13,14 situations (1) spent (3) 52:12;76:1	.1
saving (1) Settlement (20) 69:1 14:17,20;44:17 strategy (1)	* '
57:8 5:1;16:8;22:21; six (5) Staff (3) 55:24	
saw (1) 23:2,5;24:21;25:11, 33:11;46:7,8;47:5; 79:22;86:20,22 stressing (1)	
34:2 22;26:2,6;28:19; 67:19 stand (3) 63:9	

2022 KEI/VIII TTOGTA	III 1 1811			April 20, 2022
strike (3)	system-hardening (1)	11:21;49:15;70:16	49:5,8;52:18,20	24;79:15;83:7,19;
78:1,4,17	51:20	thirty-five (1)	trees (3)	85:14;86:3;88:9
		23:7	53:5;69:24;70:2	understands (1)
striking (2)	systems (1)			
77:23;78:12	71:1	though (2)	trends (1)	82:18
strong (1)	T	53:6;85:21	76:5	understood (2)
36:3	T	thought (1)	tried (1)	33:22;50:21
strongly (1)		35:23	38:13	unexpected (1)
82:4	talk (4)	thousands (1)	trim (10)	73:11
subject (1)	25:4;31:19;54:3;	28:12	16:3;17:17;18:3;	unfortunately (3)
59:5	85:20	three (4)	22:20;37:18,20;	26:14,24;49:23
subsequent (1)	talked (1)	46:19;71:1;75:22;	66:11;69:24;83:12;	unit (4)
43:3	69:10	80:14	84:24	72:3,4,7,8
subsequently (1)	talking (2)	throughout (2)	trimmed (2)	units (1)
43:15	47:15;50:7	14:22;36:13	39:18;44:19	70:16
subtract (1)	talks (2)	tie (1)	trimmer (2)	unknown (2)
58:23	26:12,21	70:5	18:1;69:18	38:3;84:2
Sub-Transmission (1)	Tampa (2)	times (3)	trimmers (1)	unless (1)
24:10	14:18,21	49:3;82:12;85:9	66:17	9:9
successfully (1)	team (1)	Timing (1)	trimming (25)	unnecessary (1)
59:11	35:21	86:11	20:16;21:22;24:5,	79:5
suggest (3)	TEBBETTS (23)	today (13)	22;25:19;26:1,4,9,18;	unquote (2)
64:10;78:2;84:7	9:4;10:8,13,13,22;	4:19;5:6;12:4;	30:7;31:23;32:1,6;	82:7,8
suggesting (1)	11:2,6;25:15;27:11;	15:15;16:22;21:21;	36:8;42:6,8;54:4;	unspent (1)
63:1	37:11;38:4;39:8;	22:18;41:8;57:6;	55:6;56:10;58:7,11;	37:5
summarize (1)	43:9,24;54:12,16;	79:17;80:7;81:14;	59:11;64:7;65:21;	up (30)
28:23	61:1;62:13,24;63:7,	83:23	81:15	7:5;9:15;18:3;
summarizing (1)	11;64:1;73:12	together (2)	truck (2)	23:21;31:14;32:23;
8:15	tech (2)	22:6;40:21	32:23;33:7	33:14,14,23;34:10;
summary (1)	47:24;83:4	took (1)	truly (1)	36:21;37:20;38:24;
29:24	technical (1)	44:15	28:1	39:11;44:2;53:13;
summer (2)	22:16	tool (4)	trying (5)	54:8;59:11;61:3;
13:21;19:2	technology (3)	67:5;69:3,4;71:6	38:12;39:11;42:19,	62:21;63:3;67:8;
summing (1)	34:12;83:24;84:2	topic (3)	20;60:14	70:13;76:16;80:5,11;
39:17	tee (1)	15:17;18:12;72:21	turn (1)	82:18;83:9;84:21;
supply (2)	9:15	total (17)	32:10	87:1
24:2;34:14	term (1)	39:1,3,17,18,19;	Turning (1)	updated (1)
Support (1)	35:20	40:8;41:3,3;49:7;	34:19	22:11
4:20	terms (10)	50:6,6,12;54:6;59:16,	turns (1)	use (2)
supports (1)	5:13;46:12;52:20;	18;60:14,18	71:10	33:17;68:6
81:16	68:17;70:18;72:6,9,	touch (1)	twice (2)	used (5)
supposed (5)	18;74:17;76:5	52:1	17:7,8	34:13;47:18;57:10;
16:5,6;17:20;73:7,	terrain (3)	touched (1)	two (13)	66:17;82:9
9	67:17;71:4,5	30:16	6:22;9:21;15:6,18;	using (2)
sure (13)		towards (2)		57:22;62:4
22:17;32:11;34:5;	test (1) 25:16	38:10;54:5	19:21,23;23:7,12,12; 36:2;42:10;69:20;	Utilities (17)
35:14;44:23;55:21;	testifying (3)	· · · · · · · · · · · · · · · · · · ·	74:13	4:6,12;10:15,16;
57:3;61:14;63:18;	15:1,4;44:24	track (1) 12:22	two-minute (1)	14:10,16;18:3,5;
65:1;66:4;68:23;	testimony (30)	trade (1)	10:2	22:19;45:18;49:5;
74:11	8:14,15;9:13;10:5,	29:1	typical (1)	50:1;51:19;55:22;
surrounding (1)	11,20,24;11:3,4,4,14,	trades (2)	6:16	64:11,21;82:9
64:3	18;12:3,4,14;15:6,12,	29:3,4	Typically (3)	04.11,21,82.9
suspension (1)	14,15;20:8,12,14;	training (1)	7:13;32:22;36:16	\mathbf{v}
83:7	28:6;32:15;35:3;	46:18	7.13,32.22,30.10	Y
swear (1)	38:15;42:1,14;45:15;	transitioning (2)	U	vacant (1)
9:2	65:8	18:20;46:17	U	29:17
sworn (5)		Treatment (2)	ultimata (1)	
8:22;9:6;11:4;	Thanks (4)	5:22;7:1	ultimate (1)	value (2)
8:22;9:6;11:4; 12:3;15:15	21:14;29:24;34:3;		18:6	26:8;51:1
14.0.10.10	42:18	tree (13) 29:3;34:16;36:8;	ultimately (1)	values (1)
	thorofore (1)	⊥ ∠7334.1030.8.	18:6	50:15
system (11)	therefore (1)		umable (2)	variance (1)
system (11) 14:1;18:17;19:19;	32:2	51:22,24;52:3,9,11;	unable (2)	variance (1)
system (11) 14:1;18:17;19:19; 23:22;29:21;48:22,	32:2 thinking (2)	51:22,24;52:3,9,11; 61:11,13;64:7;65:20;	17:11;31:7	72:15
system (11) 14:1;18:17;19:19; 23:22;29:21;48:22, 24;51:23;65:24;71:2;	32:2 thinking (2) 41:12;72:19	51:22,24;52:3,9,11; 61:11,13;64:7;65:20; 75:4	17:11;31:7 under (11)	72:15 various (3)
system (11) 14:1;18:17;19:19; 23:22;29:21;48:22,	32:2 thinking (2)	51:22,24;52:3,9,11; 61:11,13;64:7;65:20;	17:11;31:7	72:15

vast (1) veren't (1) 21-14 veren't (1) 21-19 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-37-79-148-02. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-91-15. 35-227-238-345-32. 35-33-318-318-33-32-338-32. 35-33-318-338-338-338-338-338-338-338-338-	2022 KEI/VIII TTOGTA	III 1 IaII 	T	T	April 20, 2022
7:14 vg (6) what's (11) 32:11 31:13:42:0; 20:81:7,11 42:11:43:42:0; 20:81:7,11 42:14:61:147:82 (12.19); 47:24:111:2; 17:12:18:72:64.15; 46:417:80:12.19; 48:16:65:15.23:69:22; 47:46:16:10 29:57:69 winding (1) 29:57:69 winding (1) 29:12.18 100K (1) 66:5 66:5 67:67:28:14, 48:16 10:10	vast (1)	weren't (1)	21:9.13:25:3:27:16.	35:3.7:38:23:39:4.14.	18:4:31:15:37:20:
veg (6) what's (11) 3119-2043:345:14 6515:53:115:58:16 18 (2) 20817,11 4221:46:1147:8; 4221:46:1147.8; 47.841:112; 417:40:1218.73:44 10.18 11:204:228:14 48:16 4.71,212:187;26:64:13; 36:15:38:644:6; 65:15.233:69:22* 48:16 48:					
337.79:1480.2, 23:113:1134:20; 576.6] 66:17:671:278:14, 11:20:22:42 Vegetation (14) 47:24:11.12; 81:1987:1 whereas (1) 147:27:24:67:17; 66:53:44:52:2.34; 66:15:33:69:22; WHEREUPON (1) 73:17 94 64:10 29:57:69 winding (1) 15:12:18:68:671:15 56-4 12:19 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2) 11:2:33:34 52:12 wither (1) 33:4 52:12 wither (1) 33:4 52:12 within (7) 70:10.15 31:53:23:36:7.8; 64:97:51:83:02 within (7) 81:57:95:81:3.82:14					
200817.11 42.21461147.85 Vegetation (14) 447.24111.12; 8119.871 1417.271.2467:17. 6515.2376.44.13; 331.13 68.17 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 6216.811.248.31.3 68.17 68					
Vegetation (14) 47,24;111;21;87;26;4,13; 17;12;18;72,64;4,13; 17;12;18;72,64;4,13; 					
47.24:1112; 17:12187:264.13; 36:1528:644.6; 66:15237:69:22; 73:17 73:17 74:17 75:17					
17121872.64.13					
33:13 68:17 works (1) 20 19:40 (8:11 49:14					
66:15,23;69:22;					
73:17 9:4 3:2:20 10:49 (1) 49:14 49:14 64:10 29:57:69 29:12.18 100K (1) 22:21:23:22:51:6:6 66:5 61:22:79:68:82:1; vet (1) wimer (1) wrap (1) 35:44:224 19th (1) 70:6 video (1) winer (1) write (1) 53:14 83:9 114 (1) 70:6 Vilas (4) wire (2) write (9) 50:8,12 2 70:10:15 31:15;32:33:36:7.8; 40:49:75:18:80:2 write (9) 113:12:25:15:6.12, 113:12:23:15:6.12, 112:03:53:42:23, 5:24:8:32:02:22; 2(7) 70:10:15 31:15;32:33:36:7.8; 40:49:75:18:80:2 wrong (1) 12:03:53:44:23, 5:24:8:32:02:22; 113:12:12:23:15 12:08 12:03:53:44:23, 2(7) 22:03:53:23:33:33:33:33:33:33:33:33:33:33:33:33					
verbic (1) whole (2) world (2) 88:11 19-064 (8) 64:10 29:57:69 29:12.18 100K (1) 22:12:32:22:51:6 15:21:68:671:15 564 winding (1) worth (1) 66:5 61:22:79:6,838:21; video (1) winter (1) wrap (1) 35:44:22:4 19th (1) 70:6 Vilas (4) 52:12 write (1) 53:34 52:12 write (1) 53:34 52:12 write (1) 53:13 2 Vilas (4) 52:12 write (2) 11:3;12:3;15:6;12, write (1) 114.46 (2) 2 2 vision (2) 51:12;52:3 written (9) 11:3;12:3;15:6;12, wrong (1) 45:15;47:9;54:9;10, vrong (1) 22:24:8;32:0;22; vrong (1) 22:24:8;32:0;22; vrong (1) 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 22:16:22:13:08:54:2 23:1		` '			
64:10 versus (3) 152;168:671:15 vet (1) 64:22 video (1) 33:4 vision (2) 70:10,15 31:15;22:33 vision (2) 70:10,15 31:15;22:33 vision (2) 70:10,15 31:15;22:33 vision (2) 70:10,15 31:15;22:33,366-7.8; visifin (1) 59:12 VMP (7) 91:70-123:62:3, 15:79:58:13:82:14 W with (1) 9:12 VMP (7) 91:70-123:62:3, 15:79:58:13:82:14 word (6) 82:123:19:99:7; 14:54:7:00:13,61:2,6 12:19 114:46 (2) 83:4 vrite (9) 113:14 46:2) 22 (7) 53:12 25 52:12 85:13 114:46-(2) 53:12 27 70:10,15 31:15;22:33:36-7.8; 46:49:75:18:80:2 vroug (1) 113:12:11:31:31:31:31:32 12:10:31 12:19 114:46-(2) 35:42:24 115:12:12 113:12:13:15:6,12, 115:12:25:33 114:44:7:00:13,61:2,6 115:13:13 12-month (1) 24:40:00 (1) 24:40:0					
versus (3) vinding (1) worth (1) 66:5 61:22;90:68:82:1; 61:22;90:68:82:1; 11(2) 83:12 11(2) 83:12 19th (1) 70:6 83:12 19th (1) 70:6 48:12 19th (1) 70:6 20					
15:21:68:67;1:15 vision (2) vision (3) visiting (1) vision (4) vision (5) visiting (1) vision (2) vision (2) vision (2) vision (2) vision (2) vision (3) visiting (1) vision (4) vision (4) vision (5) visiting (1) vision (4) vi					
vet (1) winner (1) s3:9 13:14 35:4;42:24 19th (1) 70:6 2 Vilas (4) 52:12 write (1) 83:9 114 (1) 53:13 2 Vision (2) 54:99,18;6:1 51:22;52:3 written (9) 11:3(12:31:5:6,12,12) 11:2(8) 2 (7) vision (2) 31:15:32:33:67.8; 44:47;6:01:36:12,6 45:15:47:95:49:10,2 50:8,12 2 (7) visiting (1) 64:97:51:880:2 45:18:79:99.7; 40:16:41:14:22 X 83:7 2.2(5):13:08:54:2 2,420,000 (1) 35:33 2.2(5):13:08:54:2 2,20000 (1) 35:22:13:08:54:2 2,20000 (1) 35:24 20:01:33:33:13 11:14:16 28:15:47:95:49:10,2 35:24*36:24:48:20; 85:14 83:7 2.2(8) 2.2(9):13:28:59:48:3 2.2(1):14:21:29:16; 35:34:42:34:38:13 2.2(1):14:16:16 2.2(1):14:21:29:16; 35:44:23:48:3 35:44:23:48:3 2.2(6):33:24:65:39:66:24; 2.2(4) 2.2(4):33:24:13:24; 2.2(4):33:24:13:24; 2.2(4):33:24:13:24; 2.2(4):33:24:13:24; 2.2(4):33:24:13:24; 2.2(4):33:24:33:24:13:34:33:24:14:38:23:24:25:16; 2.2(1):14:24:25:33:24:23:33:24:23:3					
64:22 video (1) 33:4 video (2) video (
video (1) 53:13 55:13 13:44 (2) 52:12 virte (2) 54:99,18;56:12 51:25:23 virte (9) 51:25:25:3 virte (1) 51:13 18 12-month (1) 35:8 22.40,000 (1) 35:8 35:14 31:3 31:1 31:2 35:2					
33.4					70.0
Vilias (4) wire (2) st:9.9,18;56:1 51:22;52:3 written (9) 11:3;12:3;15:6;12, 12 12 (8) 2 (7) 5:24;83;20:22; 21:6;22;13;08;5;42 2 (7) 5:24;83;20:22; 21:6;22;13;08;5;42 2 (7) 5:24;83;20:22; 21:6;22;13;08;5;42 2 (7) 5:24;83;20:22; 21:6;22;13;08;5;42 2 (7) 5:24;83;20:22; 21:6;22;13;08;5;42 2 (7) 5:24;83;20:22; 21:6;22;13;08;5;42 3:35;81 45:15;47;9;54;9;10, 21 5:24;83;20:22; 21:6;22;13;08;5;42 2 (7) 5:24;83;20:22; 21:6;22;13;08;5;42 3:24,20,000 (10) 3:35;81 12-month (1) 3:35;81 22,420,000 (10) 3:35;81 22,420,000 (10) 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:35;81 3:34;41 3:30 3:34;42 3:34;42 3:33;33 3:34;42 3:34;42 3:34;42 3:34;42 3:35;81 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;44 3:34;4					2.
54:99,18;56:1 51:22;52:3 41:31;23;15:6,12, wrong (1) 11:2(35;442:3); series (2) 2(7) 2(7) 2(7) 2(7) 2(7) 2(8) 2(8) 2(8) 2(1) 2(2) 2(1) 2(2) 2(2) 2(2) 2(2) 2(2) 2(2) 2(2) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3) 2(3)<					_
vision (2) within (7) 31:15;32:3;36:7.8; 64:9;75:18;80:2 without (2) 45:15;47:56:13;61:2.6 wrong (1) 11:20;35:43:42:3; 45:15;47:9;54:9,10, 18 52:48:83:20:22; 21:6;22:130:8;54:2 24:20,000 (1) 35:23;33:43:3 22:20;000 (1) 35:23;33:3 35:8 22:20;000 (1) 35:23;33:3 22:2(5) 22:20;000 (1) 35:23;33:3 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(5) 22:2(4) 35:2(1) 35:2(1) 35:2(1) 35:2(1) 35:2(1) 35:2(1) 35:2(1) 35:2(1) 35:2(1) 35:2(1) 35:2(1) 36:3(1) 36:3(1) 36:3(1) 36:17				,	2 (7)
70:10.15 visiting (1) 87:15 visiting (2) VMP (7) 91:76:12:36:23, 15;79:5;813:82:14 W witness (6) 82:12:31:939:7; 40:16:32:17:18 9:92 wait (1) 9:92 walking (1) 63:22:77:18 9:92 walking (1) 63:22:77:18 9:22 words (6) 83:12:19:18;81:9 Word (6) 83:12:19:18 9:22 words (6) 35:20:76:17;79:2 words (6) 35:20:76:17;79:2 words (6) 35:20:76:17;79:2 vords (6) 35:20:76:17;79:2 vords (6) 35:20:39:9,23;46:5; 50:1;53:3;58:21; 60:13:20:26:28:67:2; 76:4;84:5 90:13:21 31:21 83:21 85:14 13:30 14:16 27:22,24:62:3;38:13 2.4 (4) 26:32:72:23:52:22; 38:5;54:8 40:9 40:9 40:9 40:9 40:9 40:9 40:9 40:9					
visiting (1) 64:9:75:18:80:2 without (2) 51:13 18 2,420,000 (1) 35:8 2,420,000 (1) 35:8 35:18:79 X 35:8 37:7 2.2 (5) 35:18:79 X 35:8 37:7 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 2.2 (5) 35:18:79 X 35:18:79 X 35:18:79 X 35:18:79 X 35:18:79 X 35:18:19:19:19:19:19:19:19:19:19:19:19:19:19:					
St.					
VMP (7) 9:17:61:23;62:3, vines (6) 8:21:23:19;39:7; 40:16:41:14:22 40:16:41:14:22 40:16:41:14:22 40:16:41:14:22 40:16:41:14:22 40:16:41:14:22 40:16:41:14:22 40:16:41:14:14 40:14:14:14 40:14:14:14 40:14:14:14 40:14:14:14 40:14:14:14 40:14:14:14 40:14:14:14:14:14:14:14:14:14:14:14:14:14:			31.13		
9:17;61:23;62:3, 15;79:5;81:3;82:14			X		
Table Tabl			21		
W 40:16;41:14,22 witnesses (7) 88:15:91,312;10:5; 63:22;77:18 88:15:91,312;10:5; 63:22;77:18 35:4;22:3;48:3 26:3;27:22;35:22; 36:22;			Y-amount (1)		
W witnesses (7) Set (5):13,12;10:5; 67:3 35:4;42:3;48:3 26:3;27:2;35:22; 36:17 waik (1) 9:22 word (6) Word (6) Y 13L3 (1) 46:44 20 (6) 20:6;27;7;30:24; 35:20;76:17;79:2 year (24) 15:2(2) 200 (2) 201 (1) 201 (1) 400 (1) 400 (1) 400 (1) 400 (1) 400 (2) 400 (2)	13,77.3,01.3,02.14				
wait (1) 8:15:9:1,3,12;10:5; 67:3 1300 (1) 36:17 9:22 word (6) Y 1313 (1) 42:26:5:9:66:24; walking (1) 35:20;76:17:79:2 year (24) 15 (2) 200 (2) Walpole/Charlestown (1) 54:22 word (6) 32:15;36:24;48:20; 18:4;23:425:16; 15 (2) 200 (2) way (16) 20:13;27:7;30:24; 32:20;39:9,23;46:5; 516;14:11:621; 26:44;48:26;52:67,753:14;58:12; 516;14:11:621; 25:67;53:14;58:12; 43:22 66:5 50:1;32;37:3;8:21; 516;14:11:16:21; 52:67;53:14;58:12; 60:11;62:10:66:11; 152 (1) 2014 (1) 75:24 28:8,12;29:7,10; 80:4;83:2;85:4 42:12 79:16 week (20) 44:6,17;45:1,1,2,44, 22:24;26:23;32:21; 39:12;45:18;50:15, 75:24;16:11; 54:7 49:24 week (20) 44:6,17;45:1,1,2,44, 75:24;41:2,20; 75:24;41:2,20; 75:24;41:2,20; 75:24;41:2,20; 75:23;79:20 28:16;31:9;73:18;48:13 20:10;02:14;02:29; 46:24 20:10 (1) 8:5 29:36:66:63;68:22; 20:10;1	W				
wait (1) 9:22 word (6) word (6) 40:9 131.3 (1) 14:24;65:9;66:24;68:13 200 (2) Walpole/Charlestown (1) 54:22 words (6) 32:15;36:24;48:20; year (24) 15 (2) 38:5:54:8 7:21;59:23 200 (2) way (16) 32:15;36:24;48:20; si.8;62:4;68:2 26:4;34:14;38:6,21; 38:5:54:8 7:21;59:23 200 (2) 20:13;27:7;30:24; 32:20;39:9,23;46:5; 50:1;53:37:88:21; 51:6;14:1;16:21; 60:13,20;24;13:2, 39:15,22;50:20,20; 52:6,7;53:14;58:12; 41:17,20;43:6 48:6 2014 (1) 200 (1) 48:6 2014 (1) 200 (2) ways (1) 31:21 20:6;21:2,61;1,13; 20:1;62:10;66:11;152;16:11; 42:12 79:16 2016 (1) 79:16 2016 (1) 79:16 2017 (1) 49:24 2018 (1) 49:24 2018 (1) 49:24 2018 (1) 49:24 2019 (1) 2016 (1) 79:16 2014 (1) 79:16 2015 (1) 49:24 2018 (1) 2017 (1) 49:24 2018 (1) 40:21 2017 (1) 40:21 2017 (1)					
9:22 word (6) Y 13L3 (1) 14:24;65:9;66:24; 67:27;68:13 walking (1) 35:20;76:17;79:2 year (24) 40:9 67:27;68:13 Walpole/Charlestown (1) 54:22 words (6) 16:3;17:14,15; 18:4;23:4;25:16; 18:4;23:4;21; 18:4;23:14;	wait (1)		07.3		
walking (1) 11:21,21:29:16; 35:20;76:17;79:2 year (24) 40:9 67:2,7;68:13 200 (2) Walpole/Charlestown (1) 54:22 word (6) 32:15;36:24;48:20; 51:8:62:4;68:2 year (24) 16:3;17:14,15; 32:20;39:99,23;46:5; 50:1;53:3;58:21; 60:13;22;62:8;67:2; 76:4;84:5 15:20 200K (1)			\mathbf{v}		
60:6 Walpole/Charlestown (1)			-		
Walpole/Charlestown (1) 54:22 words (6) 32:15;36:24;48:20; 51:8;62:4;68:2 16:3;17:14,15; 18:4:23:4;25:16; 18:4:23:4;25:16; 26:4;34:14;38:6;21; 39:15;22;50:20,20; 39:9,23;46:5; 51:16;41:11:6:21; 60:13;22;62:8;67:2; 17:58;18:77,21; 76:4;84:5 york (72) 15:16;41:15;210; 60:11;62:10;66:11; 151 (3) 2014 (1) 2014 (1) 48:6 2013;22:73:14;58:12; 60:11;62:10;66:11; 151 (3) 41:17,20;43:6 48:6 2014 (1) 48:6 2016 (1) 48:6 2017 (1) 48:6 2017 (1) 48:6 42:12 79:16 49:24 2017 (1) 49:24 2017 (1) 49:24 2018 (1) 49:24 2018 (1) 49:24 2018 (1) 49:24 2018 (1) 49:24 2018 (1)			vear (24)		
54:22 way (16) 32:15;36:24;48:20; 518;62:4;68:2 18:4;23:4;25:16; 26:4;41;438:6,21; 39:15;22;50:20,20; 39:9,23;46:5; 12:9,13,20,24;13:2, 50:1;53:3;58:21; 60:13,22;62:8;67:2; 76:4;84:5 150 (1) 43:22 (1) 43:22 (1) 66:5 200K (1) 66:5 200K (1) 66:5 200K (1) 66:5 2014 (1) 43:22 (1) 66:5 2014 (1) 43:22 (1) 66:5 2014 (1) 43:22 (1) 66:5 2014 (1) 43:22 (1) 66:5 2014 (1) 43:22 (1) 66:5 2015 (1) 43:22 (1) 43					
way (16) 51:8;62:4;68:2 26:4;34:14;38:6,21; 39:15,22;50:20,20; 151 (3) 43:22 66:5 20:13;27:7;30:24; 32:20;39:9,23;46:5; 50:1;53:3;58:21; 60:11;53:3;58:21; 60:13;22;62:8;67:2; 76:4;84:5 51:6;14:1;16:21; 60:11;62:10;66:11; 80:4;83:2;85:4 41:17,20;43:6 48:6 60:13,22;62:8;67:2; 76:4;84:5 20:6;21:2;6,11,13; years (15) 80:4;83:2;85:4 42:12 79:16 ways (1) 28:8,12;29;7,10; 28:8,12;29;7,10; 30:20;31:8,22;32:18, 22;40:19,22;41:2,20; 44:6,17;45:1,1,2,44, 9:16;20;12:12; 57,7.8;47:5,6:56:12; 13:11;15:20,22; 58:22,24;66:3;68:22; 16:17;18:13;26:14; 69:1;71:4,5,17,21; 33:12,15;37:3;41:11; 73:13,22,23;75:4; 66:6,8 75:24 22:40:19,22;41:2,20; 58:22,24;66:3;68:22; 69:1;71:4,5,17,21; 33:12,15;37:3;41:11; 73:13,22;375:4; 69:1;71:4,5,17,21; 33:12,15;37:3;41:11; 73:13,22;375:4; 66:6,8 75:23,79:20 21:21:22;24:21:25:9; 2019 (2) 2018 (1) weekend (1) 8:5 82:16;85:14;86:5,5 82:16;85:14;86:5,5 81:14;84:13 39:24;42:8,15;54:6; 523 202 (11) weeks (5) 3,4;84:3 1 1-6.2 (1) 26:6;38:24;40:14; 41:2;20:5; 32:34;62:13;32:21; 35:23;37:21;40:1, 36:14;34:43;36:21; 36:43;37:21;40:1, 36:44:8,23;48:1; 36:6;36:22; 36:22;11:6 1-6.2 (1) 202 (14) 202 (11) week's (2) worker (1) 34:16 10:45 10:45 10:42 20:14;34:22				*	
20:13;27:7;30:24; work (72) 39:15,22;50:20,20; 151 (3) 2014 (1) 48:6 32:20;39:9,23;46:5; 50:1;53:3;58:21; 5,16;14:1;16:21; 50:1;53:3;58:12; 60:11;62:10;66:11; 152 (1) 2016 (1) 48:6 60:13,22;62:8;67:2; 76:4;84:5 20:6;21:2,6,11,13; 20:17 (1) 49:24 20:17 (1) 49:24 20:17 (1) 49:24 20:17 (1) 49:24 20:17 (1) 49:24 20:17 (1) 49:24 20:17 (2) 20:18 (1) 45:21 20:18 (1) 45:21 20:18 (1) 20:17 (2) 20:14 (3) <td></td> <td></td> <td></td> <td></td> <td></td>					
32:20;39:9,23;46:5; 50:1;53:3;58:21; 51:6;14:1;16:21; 50:1;53:3;58:21; 60:13,22;62:8;67:2; 76:4;84:5 ways (1) 26:15,16,24;27:14; 28:8,12;29:7,10; 30:20;31:8,22;32:18, 22;40:19,22;41:2,20; 44:6,17;45:1,1,2,4,4, 9:16,20;12:12; 13:11;15:20,22; 58:22,24;66:3;68:22; 75:23,79:20 16:17;18:13;26:14; 33:12,15;37:3;41:11; 43:12;44:8,23;48:1; 67:19;72:11;83:15 weeks (5) 38:14;69:12,20; 80:14;84:4 week's (2) worker (1) 38:14;69:12,20; 80:14;84:4 week's (2) 20:15;44:15 week's (2) 20:15;44:15 weigh (1) workforce (17) 12:9,13,20,24;13:2, 52:6,7;53:14;58:12; 60:11;62:10;66:11; 80:4;83:12; 60:11;62:10;66:11; 80:4;83:12; 48:12; 48:6 60:11;62:10;66:11; 80:4;83:2; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10;66:11; 80:4;83:2; 42:10;66:11; 80:4;83:2; 42:10;66:11; 80:4;83:2; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 80:4;83:2; 42:10; 42:10;66:11; 42:					
50:1;53:3;58:21; 5,16;14:1;16:21; 60:11;62:10;66:11; 152 (1) 2016 (1) 79:16 76:4;84:5 20:6;21:2,6,11,13; 20:6;21:2,6,11,13; 20:6;21:2,6,11,13; 20:15;14:21; 20:17 (1) 42:12 79:16 2017 (1) 31:21 28:8,12;29:7,10; 28:8,12;29:7,10; 22:24:26:23;32:21; 39:12;45:18;50:15, 17:2;20:15,19,20, 45:21 2018 (1) 75:24 22;40:19,22;41:2,20; 44:6,17;45:1,1,2,44, 5,7,8;47:5,6;56:12; 39:12;45:18;50:15, 17:2;20:15,19,20, 21:21:22;24:21:25:9; 2019 (2) 46:2;48:17 9:16,20;12:12; 58:22,24;66:3;68:22; 58:22,24;66:3;68:22; Z 22:14;83:19;17;37:18; 39:24;42:8,15;46:1 23:10,10;24:20,24; 202 (11) 16:17;18:13;26:14; 69:1;71:4,5,17,21; 75:14,244;8,23;48:1; 66:6,8 15th (3) 2020 (9) 25:10;28:18;34:21; 35:2;58:5;59:3;81:23 2020 (9) 26:6;38:24;40:14; 20:13;41:16;22:5; 202 (143) 2021 (43) 2021 (43) 2021 (43) 2021 (43) 2021 (43) 2021 (43) 2021;41:22:25; 2021;41:22:25; 202;42:62:33;32:21; 202;42:62:33;32:21;					
60:13,22;62:8;67:2; 76:4;84:5					
76:4;84:5 ways (1) 31:21 weather-dependent (1) 75:24 week (20) 9:16,20;12:12; 13:11;15:20,22; 16:17;18:13;26:14; 43:12;44:8,23;48:1; 67:19;72:11;83:15 weekend (1) 8:5 weekend (1) 8:5 weekend (1) 8:5 weeks (5) 38:14;69:12,20; week's (2) week's (2) week's (2) week's (2) week's (2) worker (1) 38:14;69:12,20; worker (1) 20:6;21:2,6,11,13; 26:15,16,24;27:14; 28:8,12;29:7,10; 14:21;15:1;16:11; 22:24;26:23;32:21; 153:19) 17:2;20:15,19,20, 28:16;31:9,17;37:18; 39:24;42:8,15;54:6; 39:24;42:8,15;54:6; 39:24;42:8,15;54:6; 175:23;79:20 22:15;44:15 22:24:26:23;32:21; 153:19) 17:2;20:15,19,20, 28:16;31:9,17;37:18; 39:24;42:8,15;54:6; 39:24;42:8,15;54:6; 175:23;79:20 28:16;31:9,17:37:18; 39:24;42:8,15;54:6; 18:14;84:13 39:24;42:8,15;54:6; 19:14;84:13 39:24;42:8,15;54:6; 19:14;84:13 11:15;15:7;20:7,14; 156:2) 11:15;15:7;20:7,14; 156:2) 11:15;15:7;20:7,14; 11:15;15:7;20:7,14; 12:18,19;24:10,11; 12:18,19;24:10,11; 152.93 (1) 49:24 2017 (1) 49:24 2018 (1) 45:21 2019 (2) 21:18;19;20:15,19;20, 21:12:2;24:21;25:9; 2019 (2) 28:16;31:9,17:37:18; 39:24;42:8,15;54:6; 29:14;18;34:17 22:11;18;31:15 202 (11) 23:10,10;24:20,24; 25:10;28:18;34:21; 35:2;58:5;59:3;81:23 2020 (9) 26:6;38:24;40:14; 26:6;38:24;40:14; 26:6;38:24;40:14; 26:6;38:24;40:14; 27:20:15;44:13 20:18(1) 45:21 2019 (2) 28:16;31:9,17:37:18; 29:24:24:28:17; 29:21;18;34:13 2020 (9) 20:10;					
ways (1) 26:15,16,24;27:14; 14:21;15:1;16:11; 54:7 49:24 31:21 28:8,12;29:7,10; 30:20;31:8,22;32:18, 14:21;15:1;16:11; 22:24;26:23;32:21; 153 (19) 49:24 2018 (1) weather-dependent (1) 30:20;31:8,22;32:18, 39:12;45:18;50:15, 17:2;20:15,19,20, 21:21:22;24:21:25:9; 2019 (2) week (20) 44:6,17;45:1,1,2,44, 57:78,47:5,6;56:12; 75:23;79:20 28:16;31:9,17;37:18; 46:2;48:17 9:16,20;12:12; 57,7,8;47:5,6;56:12; 58:22,24;66:3;68:22; Z Z 202 (11) 13:11;15:20,22; 58:22,24;66:3;68:22; Z Z 202 (11) 33:12,15;37:3;41:11; 73:13,22,23;75:4; 76:10,12,14,20,21; 66:6,8 15th (3) 2020 (9) 43:12;44:8,23;48:1; 76:10,12,14,20,21; 66:6,8 15th (3) 2020 (9) 8:5 16:23;37:21;40:1, 62:5 16:23;37:22;62:5 weeks (5) 34;48:4 16:23;37:21;40:1, 42:5 51:1;52:22;62:5 80:14;84:4 34:16 10;51 10;21 42:5 37:5;38:5,6;24;40:15, week's (2) 22:15;44:15 29:3;66:2;71:16 1			, ,		
31:21					` '
weather-dependent (1) 30:20;31:8,22;32:18, 22;40:19,22;41:2,20; 44:6,17;45:1,1,2,44, 9:16,20;12:12; 5,7,7,8;47:5,6;56:12; 13:11;15:20,22; 16:17;18:13;26:14; 69:1;71:4,5,17,21; 33:12,44:8,23;48:1; 67:19;72:11;83:15 39:12;45:18;50:15, 17:2;20:15,19,20, 21;21:22;24:21;25:9; 2019 (2) 45:21 45:21 2019 (2) 45:21 2019 (2) 46:2;48:17 47:19 48:14;84:13 46:2;48:17 47:19 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:14;84:13 48:1					
75:24 22;40:19,22;41:2,20; 17;53:18;55:17;65:9; 21;21:22;24:21;25:9; 2019 (2) week (20) 44:6,17;45:1,1,2,4,4, 75:23;79:20 28:16;31:9,17;37:18; 39:24;42:8,15;54:6; 202 (11) 9:16,20;12:12; 5,7,7,8;47:5,6;56:12; Z 59:14,18;66:11 39:24;42:8,15;54:6; 202 (11) 13:11;15:20,22; 58:22,24;66:3;68:22; Z 59:14,18;66:11 23:10,10;24:20,24; 25:10;28:18;34:21; 33:12,15;37:3;41:11; 73:13,22,23;75:4; 76:10,12,14,20,21; 26:6;6,8 15th (3) 2020 (9) 43:12;44:8,23;48:1; 76:10,12,14,20,21; 66:6,8 15th (3) 2020 (9) 8:5 worked (6) 62:5 1-6.2 (1) 41:2;46:2;48:17; 8:5 34;469:12,20; 34;84:3 1 1-6.3 (1) 2021 (43) 80:14;84:4 worker (1) 34:16 1(35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) 29:3;66:2;71:16 5:19;10:12,20; 42:5 37:5;38:5,6;24;40:15, 22:15;44:15 workforce (17) 21:18,19;24:10,11; 42:24 43:1,42;44:9,12,17,					
week (20) 44:6,17;45:1,1,2,4,4, 75:23;79:20 28:16;31:9,17;37:18; 46:2;48:17 9:16,20;12:12; 5,77,8;47:5,6;56:12; 39:24;42:8,15;54:6; 202 (11) 13:11;15:20,22; 58:22,24;66:3;68:22; Z 16:17;18:13;26:14; 69:1;71:4,5,17,21; 59:14,18;66:11 23:10,10;24:20,24; 33:12,15;37:3;41:11; 73:13,22,23;75:4; 76:10,12,14,20,21; 66:6,8 15th (3) 2020 (9) 67:19;72:11;83:15 82:16;85:14;86:5,5 82:16;85:14;86:5,5 202 (11) 23:10,10;24:20,24; 8:5 16:23;37:21;40:1, 62:5 15th (3) 2020 (9) 8:5 16:23;37:21;40:1, 62:5 1-6.2 (1) 41:2;46:2;48:17; 80:14;84:4 34:16 1 (35) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 1 (35) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 5:19;10:12,20; 42:5 37:5;38:5,6;24;40:15, 80:14;84:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 42:5 37:5;38:5,6;24;40:15, 80:14;84:15 20:14;84:15 37:5;38:5,6;24;40:15,<					
9:16,20;12:12; 5,7,7,8;47:5,6;56:12; 58:22,24;66:3;68:22; Z 58:22,24;66:3;68:22; Z 59:14,18;66:11 23:10,10;24:20,24; 25:10;28:18;34:21; 33:12,15;37:3;41:11; 73:13,22,23;75:4; 76:10,12,14,20,21; 67:19;72:11;83:15 82:16;85:14;86:5,5 82:16;85:14;86:11 82:14;84:13 83:12;40:14; 84:13 83:14;40:14; 84:13 83:14;40:14; 84:13 83:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13 81:14;40:14; 84:13					
13:11;15:20,22; 58:22,24;66:3;68:22; Z 59:14,18;66:11 23:10,10;24:20,24; 16:17;18:13;26:14; 69:1;71:4,5,17,21; 33:12,15;37:3;41:11; 73:13,22,23;75:4; zero (2) 81:14;84:13 35:2;58:5;59:3;81:23 43:12;44:8,23;48:1; 76:10,12,14,20,21; 66:6,8 15th (3) 2020 (9) 67:19;72:11;83:15 worked (6) 62:5 1-6.2 (1) 41:2;46:2;48:17; 8:5 16:23;37:21;40:1, 5:23 51:1;52:22;62:5 weeks (5) 3,4;84:3 1 1-6.3 (1) 2021 (43) 38:14;69:12,20; worker (1) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 1 (35) 5:23 12:13;14:16;22:5; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,					
16:17;18:13;26:14; 69:1;71:4,5,17,21; 25:10;28:18;34:21; 33:12,15;37:3;41:11; 73:13,22,23;75:4; 35:2;58:5;59:3;81:23 43:12;44:8,23;48:1; 76:10,12,14,20,21; 66:6,8 15th (3) 2020 (9) 67:19;72:11;83:15 82:16;85:14;86:5,5 zeros (1) 79:19;80:5,16 26:6;38:24;40:14; 8:5 16:23;37:21;40:1, 5:23 51:1;52:22;62:5 88:14;69:12,20; 34;16 1 (35) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 1 (35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,			\mathbf{Z}		
33:12,15;37:3;41:11; 73:13,22,23;75:4; 43:12;44:8,23;48:1; 76:10,12,14,20,21; 66:6,8 2			_		
43:12;44:8,23;48:1; 76:10,12,14,20,21; 66:6,8 15th (3) 2020 (9) 67:19;72:11;83:15 82:16;85:14;86:5,5 zeros (1) 79:19;80:5,16 26:6;38:24;40:14; weekend (1) worked (6) 62:5 1-6.2 (1) 41:2;46:2;48:17; 8:5 16:23;37:21;40:1, 5:23 51:1;52:22;62:5 weeks (5) 3,4;84:3 1 2021 (43) 38:14;69:12,20; worker (1) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 1 (35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,			zero (2)		, , , ,
67:19;72:11;83:15 82:16;85:14;86:5,5 zeros (1) 79:19;80:5,16 26:6;38:24;40:14; weekend (1) worked (6) 62:5 1-6.2 (1) 41:2;46:2;48:17; s:5 16:23;37:21;40:1, 5:23 51:1;52:22;62:5 weeks (5) 3,4;84:3 1 2021 (43) 80:14;84:4 34:16 1 (35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,			` /		
weekend (1) worked (6) 62:5 1-6.2 (1) 41:2;46:2;48:17; 8:5 16:23;37:21;40:1, 5:23 51:1;52:22;62:5 weeks (5) 3,4;84:3 1-6.3 (1) 2021 (43) 38:14;69:12,20; worker (1) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 1 (35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,					
8:5 16:23;37:21;40:1, 5:23 51:1;52:22;62:5 weeks (5) 3,4;84:3 1-6.3 (1) 2021 (43) 38:14;69:12,20; sorker (1) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 1 (35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,					
weeks (5) 3,4;84:3 1 1-6.3 (1) 2021 (43) 38:14;69:12,20; worker (1) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 1 (35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,					
38:14;69:12,20; worker (1) 5:23 12:13;14:16;22:5; 80:14;84:4 34:16 1 (35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,			1		
80:14;84:4 34:16 1 (35) 162 (1) 23:3,4,6;27:10;36:1; week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,					
week's (2) workers (3) 5:19;10:12,20; 42:5 37:5;38:5,6,24;40:15, 22:15;44:15 29:3;66:2;71:16 11:15;15:7;20:7,14; 17 (1) 18,21;41:2,7,17,21; weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,			1 (35)		
22:15;44:15		workers (3)			
weigh (1) workforce (17) 21:18,19;24:10,11; 42:24 43:1,4,22;44:9,12,17,					
	The state of the s				43:1,4,22;44:9,12,17,
	0 , ,				
		,	, , , , , , ,		, ,

2022 REP/VMP Progra	m Plan			April 20, 20.
48:17;49:6;50:1,7, 23;51:4;52:12,20;	3	69 (2) 50:9,13		
58:4,22;59:3,10;	3	690,000 (1)		
79:19	3 (1)	57:24		
2022 (39) 4:6,24;12:8,15,21,	50:16	7		
24;13:6;16:22;17:2,	3,069,000 (1)	,	-	
19;21:2;22:2;23:8;	35:7 30 (2)	7 (6)		
26:22;30:3;31:11;	19:22;67:8	38:20;48:12;49:13;		
36:1;38:11,21;39:15;	307.10 (1)	50:16;52:17;60:17		
40:18,20,23;41:3; 42:6,9;43:2;44:18;	48:5	72.52 (2)		
45:3,8;46:11;51:5;	350,000 (1)	49:6;50:11 74 (2)		
58:5,23;59:3;60:11;	44:10 350,750 (1)	43:2,22		
79:5;81:11;84:15	45:10	77 (1)		
2022's (1)	351,000 (1)	49:6		
83:10	44:11	8		
2023 (5) 23:14;45:8;58:5;	356 (8)	0	_	
83:7,12	30:4,8,14;39:3,5; 58:19;59:1;60:21	8 (11)		
2023's (1)	360,000 (1)	5:19;45:20;53:15,		
83:11	44:12	18;66:17;67:12;		
2024 (5)	376 (1)	68:15;78:2,4,10,18		
23:3,14;58:6;83:9; 87:10	39:1	84 (4) - 41:12,17,21;59:11		
203 (10)	4	860 (1)		
39:9,13,19;40:6,8;	7	- 23:21		
41:3,17;60:1,12;61:5	4 (4)	874 (2)		
21 (1)	44:5,10;49:9;50:13	23:23;24:4		
14:20 21-138 (2)	40 (1)	9		
4:5;80:7	67:8 42 (2)		-	
214 (4)	12:18,19	9 (4)		
23:20;58:5;83:12,	437 (3)	38:18;39:3;60:8,12		
17 219 (2)	59:5,9,22	90 (1)		
23:20;58:6	5	41:10 917 (1)		
22-014 (2)	3	24:1		
5:3;66:5	5.471 (1)			
220K (1)	30:4			
5:2 23 (7)	5.471,624 (1)			
21:18;30:2;34:20;	60:19			
39:16;44:5;58:15;	50 (2) 63:19;67:8			
60:18	53 (1)			
230 (1)	42:13			
88:3 234 (1)	55 (4)			
41:7	54:9,18;55:5;56:3			
235 (4)	6			
41:8,21;58:4;59:2	0			
237 (3)	6 (8)			
59:16,19,22 24 (1)	38:20;48:12,14;			
54:14	53:9;60:7,10;67:12;			
25 (1)	68:15 600 (1)			
66:19	68:14			
276 (3)	600,000 (1)			
39:2,13;60:20	36:15			
2nd (2) 55:23;56:9	649,000 (2)			
55.25,50.7	35:9;36:22 649K (1)			
	66:8			
Min II Sorint®	CTIC	AN I DORIDAS NH	I CD	(13) 2022 0