STATE OF NEW HAMPSHIRE 1 SITE EVALUATION COMMITTEE 2 3 4 September 19, 2017 - 9:15 a.m. **DAY 36** 49 Donovan Street MORNING Session ONLY 5 Concord, NH NO AFTERNOON SESSION {Electronically filed with SEC on 09-28-17} 6 7 IN RE: SEC DOCKET NO. 2015-06 8 Joint Application of Northern Pass Transmission, LLC, and 9 Public Service Company of New Hampshire d/b/a Eversource Energy for a Certificate 10 of Site and Facility. 11 (Hearing on the merits) 12 PRESENT FOR SUBCOMMITTEE/SITE EVALUATION COMMITTEE: Chrmn. Martin P. Honigberg Public Utilities Comm. 13 (Presiding as Presiding Officer) 14 Cmsr. Kathryn M. Bailey Public Utilities Comm. Dir. Craig Wright, Designee Dept. of Environ. Serv. 15 Christopher Way, Designee Dept. of Resources & 16 Economic Development William Oldenburg, Designee Dept. of Transportation 17 Patricia Weathersby Public Member Rachel (Whitaker) Dandeneau Alternate Public Member 18 19 ALSO PRESENT FOR THE SEC: 20 Michael J. Iacopino, Esq., Counsel to the SEC Iryna Dore, Esquire, Co-counsel to the SEC 21 (Brennan, Caron, Lenehan & Iacopino) 22 Pamela G. Monroe, SEC Administrator 23 (No Appearances Taken) Susan J. Robidas, NH LCR No. 44 24 COURT REPORTER: {SEC 2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

2 1 INDEX 2 WITNESS: ROBERT VARNEY PAGE 3 EXAMINATION Cross-examination by Mr. Reimers 4 4 (cont'd) 5 Cross-examination by Mr. Baker 86 6 Cross-examination by Ms. Menard 115 7 8 9 10 11 DESCRIPTION 12 EXHIBITS PAGE SPNF 247 Ethan Allen web site document 11 13 26 **SPNF 246** Map 14 SPNF 231 11/12/15 Letter to Ms. Monroe 4 15 from Pittsburg, Clarksville and West Stewartstown Selectmen 16 SPNF 233 "New Hampshire in the New 37 17 Economy: A Vision for Expanded Prosperity" 18 SPNF 89 39 NHFGD map 19 SPNF 15 NHFGD "Designated Trout 40 Ponds in NH" 20 21 **SPNF 242** NHFGD "Remote Trout Fisheries 0 22 in NH" 23 SPNF 16 NHStateParks.com "Fishing in 40 the Great North Woods Region" 24

SPNF 243 NHFGD map of Millsfield Pond 47 {SEC 2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

[WITNESS: VARNEY]

1	EXHIBITS	DESCRIPTION	PAGE
2	SPNF 244	NHFGD map of Moose Pond	47
3		(Little Millsfield Pond)	
4	SPNF 90	NHFGD map of Bragg Pond	47
5	SPNF 248	Map 04 Existing Structure Visibility	48
6 7	SPNF 249	Map 04 Existing Structure Visibility	56
8 9	SPNF 260	1/19/16 Dalton Conservation Commission Petition to Inter	
10	DNA 21	Olson Photograph	88
11	DNA 16	Olson photograph	90
12	DIA IU		20
13	CS 97	5/14/12 Letter to Quebec Premier from Stewartstown Board of Selectmen	102
14 15	CS 99	Document from Stewartstown Board of Selectmen	103
16	CS 101	NCC Board Resolution of Oppo	osition
17	CS 102	NCC Survey Results	112
18			
19			
20			
21			
22			
23			
24			
	{SEC 2015-06	<pre>{[Day 36 MORNING Session ONLY</pre>	[]{09-19-17}

1 PROCEEDINGS 2 CHAIRMAN HONIGBERG: Good morning everyone. We're ready to resume the 3 questioning of Mr. Varney. Mr. Reimers, you 4 5 have the microphone. CROSS-EXAMINATION (cont'd) 6 7 BY MR. REIMERS: 8 0. Morning, Mr. Varney. 9 Α. Good morning. 10 You are testifying as an expert on orderly 0. 11 development, aren't you? 12 Α. Yes. And you've offered an expert opinion on 13 Q. 14 orderly development? 15 CHAIRMAN HONIGBERG: Microphone. 16 Α. Yes. 17 BY MR. REIMERS: Have you formed an opinion about whether the 18 Q. undue interference with the orderly 19 20 development in one town would result in undue 21 interference with orderly development of the 22 region? 23 MR. NEEDLEMAN: Objection. Ι 24 think this calls for a legal conclusion, and we {SEC 2015-06} [Day 36 MORNING Session ONLY] {09-19-17}

		5
1		addressed this yesterday.
2		MR. REIMERS: Yesterday I asked
3		him whether a similar question, but today
4		I'm simply asking him whether he's formed an
5		opinion.
6		CHAIRMAN HONIGBERG: You can
7		answer.
8	A.	I formed an opinion about the Project as a
9		whole, and my opinion was that it represented
10		orderly development of the region.
11	BY M	R. REIMERS:
12	Q.	You didn't form an opinion with regard to any
13		particular community?
14	A.	No. The SEC decision relates to the entire
15		project.
16	Q.	If, for the sake of argument, the impacts are
17		minimized in the areas of existing
18		rights-of-way such as Franklin, you would
19		agree that a minimized impact in Franklin has
20		no relation with whether the Project would
21		unduly interfere with the region in
22		Pittsburg, Clarksville or Stewartstown,
23		wouldn't you?
24	A.	My opinion was based on the Project as a whole.
	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		0
1	Q.	So your opinion is that, if impacts are
2		minimized on one part of the Project, that
3		that does have a relation to the impacts in
4		another part of the Project?
5	A.	I didn't compare from one place to another. I
6		looked at the Project as a whole. And based on
7		the facts that are described in the
8		Application, it was very clear to me that the
9		Project would not have an adverse effect on the
10		orderly development of the region.
11	Q.	When you say you looked at the Project "as a
12		whole," what do you mean?
13	A.	I looked at the entire project, from Pittsburg
14		to Deerfield.
15	Q.	But you considered the impacts along the way,
16		or potential impacts, didn't you?
17	A.	I reviewed land uses along the way to see if,
18		as it relates to land use, which is the topic,
19		one of the topics for today, that it would not
20		adversely affect the continued uses along that
21		right-of-way.
22	Q.	If you had a place where there would be a
23		significant impact, is it your opinion that
24		that impact would be diluted if you just
I	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			7
1		given the length of the Project?	
2	A.	I can't speculate on that.	
3	Q.	But you've rendered a report on orderly	
4		development and you're expert on orderly	
5		development.	
6	A.	Yes. And I described the route, and I've	
7		described the prevailing land uses along the	
8		route and have the opinion that the Project	
9		will not adversely impact or interfere with	
10		existing land uses along the Project corridor.	
11	Q.	Unduly interfere? That's the standard;	
12		right?	
13	A.	Right.	
14	Q.	Okay. I'm going to look at some of the	
15		municipalities you describe along the route.	
16		I'm not going to go through them all. Let's	
17		start with Pittsburg.	
18		You state that the overhead portion in	
19		Pittsburg consists of 44.5 acres; correct?	
20	A.	Yes.	
21	Q.	And the underground portion consists of 3.1	
22		acres?	
23	A.	Approximately.	
24	Q.	You then state, "In Pittsburg, approximately	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17]	}

		8
1		25 percent of the route is underground";
2		correct?
3	A.	Yes.
4	Q.	And this is the map from your report. And
5		the yellow is overhead; correct?
6		(Witness reviews document.)
7	Α.	Yes.
8	Q.	And there's a portion of underground on the
9		right side just before the right-of-way would
10		cross or go under the Connecticut River; is
11		that correct?
12	Α.	Yes.
13	Q.	And looking at this map of the overhead and
14		underground portions, your statement that
15		25 percent of the right-of-way in Pittsburg
16		is underground is not accurate, is it?
17	Α.	I would need to look at the text in combination
18		with the map.
19		(Witness reviews document.)
20	Α.	In the text, it says that the overhead
21		transmission line extends 2.1 miles and the
22		underground measures approximately 0.7 miles
23		within the town.
24	Q.	So is your statement that 25 percent of the
	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		9
1		right-of-way in Pittsburg would be
2		underground accurate?
3	A.	If the mileage is 2.8 miles [sic], and 0.7 is
4		underground, then that would be, I believe,
5		25 percent.
6	Q.	Does your map show that? Does your map show
7		that .7 miles in Pittsburg is underground?
8	A.	Hard to read here, but my text is very clear in
9		terms of the distances and what the percentage
10		is. And so the text is very clear.
11		MR. REIMERS: So, Mr. Chairman,
12		so as not to belabor this, could I ask the
13		witness to verify those numbers during a break,
14		or should I keep asking him questions now?
15		CHAIRMAN HONIGBERG: Mr.
16		Needleman.
17		MR. NEEDLEMAN: We're happy to
18		do that.
19		MR. REIMERS: Thanks.
20	BY MI	R. REIMERS:
21	Q.	The proposed route enters the United States
22		in Pittsburg by crossing Halls Stream; right?
23	A.	Yes.
24	Q.	And in this area, oxbows of Hall Stream form
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		10
1		the international border, don't they?
2	A.	Yes.
3	Q.	With regard to this area, on Page A-2 of your
4		report you state, quote, "Commercial and
5		industrial facilities, including the Ethan
6		Allen Furniture Factory, are located about
7		.3 miles southwest in neighboring
8		Stewartstown, New Hampshire"; is that
9		correct?
10	A.	Yes.
11	Q.	The Ethan Allen factory is actually in
12		Canaan, Vermont, isn't it?
13	A.	Yes.
14	Q.	So it's not in Stewartstown?
15	A.	It's referring to a facility that is 0.3 miles
16		southwest.
17	Q.	What is referring your report is referring
18		to
19	Α.	Referring to a facility that's about 0.3 miles
20		southwest of the Project corridor.
21	Q.	Right. That is in Canaan, Vermont.
22	A.	It's not important whether it's in Stewartstown
23		or Canaan. It's to the south of the Project.
24	Q.	Right. Wouldn't it be the Committee's
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			11
1		determination whether that's important?	
2	A.	Perhaps, yes.	
3	Q.	Okay.	
4	A.	I'm providing my opinion.	
5	Q.	You would agree that this statement is	
6		inaccurate, isn't it?	
7	A.	Perhaps. I'd need to check it.	
8	Q.	We're looking at SPNF 247 which shows a web	
9		site showing the Ethan Allen Furniture	
10		Factory, the Beecher Falls Division. Is	
11		Beecher Falls part of Canaan?	
12	A.	Yes oh, no. Yes, it is. Yes.	
13	Q.	Okay. And	
14	A.	I thought you were going to Stewartstown.	
15	Q.	And that shows the address. Do you have any	
16		reason to doubt this?	
17	A.	No. I would just say that there are sometimes	•
18		more than one facility.	
19	Q.	You're not aware of one in the town of	
20		Stewartstown, are you?	
21	A.	I already explained that I would need to check	•
22		And the point is that it was providing some	
23		context for the location, some general context	•
24		It's not critical to me as to whether or not	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	}

Г

			12
1		that fact is exactly correct.	
2	Q.	You also state in that paragraph that Marcel	
3		Lauzon, Incorporated, a large-scale log yard	
4		and timber processing facility, is located	
5		.6 miles northwest of the Project's	
6		international crossing; correct?	
7	Α.	Yes.	
8	Q.	And Marcel Lauzon, that's in Quebec, isn't	
9		it?	
10	Α.	I believe so.	
11	Q.	You would agree that the neighborhood where	
12		the right-of-way crosses Halls Stream Road is	
13		not an industrial neighborhood, wouldn't you?	
14	Α.	I don't believe it says that.	
15	Q.	I'm asking you whether you would agree, in	
16		your opinion, that the Halls Stream	
17		neighborhood is an industrial neighborhood.	
18	Α.	No, it's not.	
19	Q.	I'm showing you Mr. DeWan's photos from	
20		Applicant's Exhibit 2, Pages 28200 to 201.	
21		And there are several homes along this part	
22		of Halls Stream, aren't there?	
23	Α.	Yes.	
24	Q.	And Project Map 1 shows these homes, doesn't	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

			13
1		it, along Halls Stream Road?	
2	A.	Yes.	
3	Q.	And the homes are the yellow dots, aren't	
4		they?	
5	A.	Yes.	
6	Q.	And according to Mr. DeWan's map of existing	
7		conditions, there are currently no	
8		transmission line structures visible from	
9		residential uses in this neighborhood, are	
10		there?	
11	A.	I don't recall.	
12	Q.	Do you see any purple coloring in that box?	
13	A.	No.	
14	Q.	Okay. Now, if the Northern Pass is built, up	
15		to 10 towers would be visible from locations	
16		along Halls Stream Road; correct?	
17	A.	I didn't conduct the Visual Impact Assessment	
18		for the Project.	
19	Q.	Understood. I'm asking you to look at other	
20		Applicant materials. And my question to you	
21		is: If the Northern Pass is built,	
22		transmission line structures would be visible	
23		along that area of Halls Stream Road from	
24		residential uses; is that correct?	
	( area	2015 OGLEDAN 26 MODNING Goggion ONLYLLOG 10 1	<b>7</b> 1

1	A.	Perhaps some at the crossing, in the vicinity
2		of the crossing.
3	Q.	The north I want to ask you some questions
4		about Clarksville now.
5		The Northern Pass would enter
6		Clarksville by going under the Connecticut
7		River and transitioning above ground soon
8		after the Forest Society's Washburn Family
9		Forest; correct?
10	A.	Yes.
11	Q.	And in your report, you state, "The line
12		would then run above ground to the east
13		through a heavily forested area parallel to
14		the south of the Forest Society's Washburn
15		Family Forest for approximately 1.5 miles";
16		correct?
17	Α.	Yes.
18	Q.	Let's look at those maps. Do you see on the
19		right where the above-ground starts after the
20		Washburn well, after the crossing, under
21		the word "Clarksville"?
22	A.	Do I see the words?
23	Q.	Do you see the word "Clarksville" on the
24		right?
	(	

			1!
1	A.	Yes, yes.	
2	Q.	Underneath that, do you see where the	
3		overhead line emerges from the underground?	
4	A.	Yes.	
5	Q.	Okay. And then it travels to the right.	
6		And this is the next project map. Do	
7		you see where the line continues just south	
8		of the Washburn Family Forest?	
9	A.	Yes.	
10	Q.	You don't mention in your report how the	
11		Washburn Family Forest is used, do you?	
12	A.	No.	
13	Q.	Are you aware that the Washburn Family Forest	
14		is open to the public and used for fishing,	
15		hunting, snowmobiling, hiking and mountain	
16		biking?	
17	A.	Generally, yes.	
18	Q.	There are currently no transmission lines in	
19		that right-of-way along the Washburn Family	
20		Forest; right? This is a new right-of-way	
21		proposed?	
22	A.	Correct.	
23	Q.	And if the Northern Pass is built, it would	
24		be visible from portions of the Washburn	
	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	}

Γ

			16
1		Family Forest, wouldn't it?	
2	А.	I didn't conduct the visual assessment.	
3	Q.	Looking at Mr. DeWan's map here in the yellow	
4		box, do you see the purple coloring?	
5	Α.	Yes.	
6	Q.	Does the purple coloring indicate the	
7		visibility of transmission structures?	
8	Α.	Yes.	
9	Q.	So, looking at this map, would you agree that	
10		transmission line structures would be visible	
11		from parts of the Washburn Family Forest?	
12	Α.	Potentially, and I don't know to what degree.	
13	Q.	So when you say "potentially," are you saying	
14		Mr. DeWan could be wrong?	
15	Α.	No. I'm saying that I don't have an expert	
16		opinion on his map.	
17	Q.	A transmission line running 100 to 300 feet	
18		along much of the length of the Washburn	
19		Family Forest would result in this area being	
20		less rural and less forested, wouldn't it?	
21	Α.	I don't know. I didn't conduct the Visual	
22		Impact Assessment.	
23	Q.	You would agree that clearing a new	
24		right-of-way would result in less forest	
	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	}

		17
1		land, wouldn't you?
2	A.	Yes, small decrease in a heavily forested area.
3	Q.	And transmission towers would not enhance the
4		rural nature of the area, would it?
5	A.	No.
6	Q.	So the Northern Pass would result in the area
7		becoming less rural and less forested,
8		wouldn't it?
9	Α.	Well, no. I would offer that there are many
10		transmission lines across the state of New
11		Hampshire in areas that we today would call
12		rural. There are about 1600 miles of
13		transmission lines in the state, and many of
14		those are in rural places and places that today
15		we would characterize as "rural."
16	Q.	My question wasn't whether the transmission
17		line would make this area not rural. I'm
18		just asking if the transmission line would
19		make it less rural than it currently is.
20	A.	It wouldn't change the population in the area.
21		It would I really don't have a strong
22		opinion on that. Transmission lines and power
23		lines run on many of our roads in rural areas.
24		They're still considered rural. And I wouldn't
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		18
1		call driving through a rural town that has
2		transmission structures and conductors to be
3		less rural because of that.
4	Q.	In your report, you state that the proposed
5		towers in Clarksville would range from 65 to
6		105 feet in height; correct?
7	A.	I believe that was from the description in the
8		Northern Pass web site.
9	Q.	So you took that from the Northern Pass web
10		site?
11	A.	I assume so. Probably.
12	Q.	Was the Northern Pass web site your primary
13		source of information
14	A.	No.
15	Q.	for your report? Are you aware
16	A.	Multiple sources of information.
17	Q.	I'm sorry. What did you say?
18	A.	I said we used multiple sources of information.
19	Q.	Are you aware that only one tower would be
20		65 feet in height?
21	A.	No, but it wouldn't surprise me.
22	Q.	Are you aware that 17 of the 23 proposed
23		towers in Clarksville would be 80 feet tall
24		or taller?
	ſcrc	2015-06 LDay 26 MODNING Soggion ONIVI/09-19-17

		T
1	А.	No. I think 80 feet is close to the most
2		common height in the area north of Dummer.
3	Q.	What do you base that on?
4	Α.	Information that I've reviewed. I can't
5		remember exactly, but I think that was the
6		information that I gleaned from various
7		sources.
8	Q.	In your description of the land uses in the
9		area of Clarksville, of proposed Transition
10		Station No. 3, you state, quote, "The primary
11		uses along the corridor are forest with very
12		low density residential often combined with
13		agricultural land"; correct?
14	Α.	Yes.
15	Q.	And are you aware that one of those homes is
16		owned by Donald and Diane Bilodeau? And it's
17		the one in the red box.
18	Α.	I didn't know their name.
19	Q.	Are you aware that their home is shown in
20		photographs and simulations by Mr. DeWan?
21	Α.	I don't believe I've seen this one. I've seen
22		some of his, but I don't believe I saw this
23		one.
24	Q.	Is it your
	J c E C	2015-06 Day 26 MODNING Socian ONLY (09-10-17)

			20
1	A.	I may have, but I just	
2	Q.	Is it your opinion that the Northern Pass is	
3		consistent with the orderly development of	
4		the region that constitutes the Bilodeaus'	
5		viewshed?	
6	A.	Yes.	
7	Q.	Should they have anticipated that a	
8		transmission line would enter that region?	
9		MR. NEEDLEMAN: Objection.	
10		Calls for speculation.	
11		MR. REIMERS: I'll rephrase my	
12		question.	
13	BY M	R. REIMERS:	
14	Q.	Why is a transmission line why would a	
15		transmission line such as Northern Pass going	
16		through that region be consistent with the	
17		orderly development of the region that	
18		constitutes their viewshed?	
19	A.	It's an overhead corridor through a heavily	
20		forested area. There are structures that will	
21		be seen here. There are other potential land	
22		uses where they would also affect this view.	
23	Q.	Besides what appear to be local distribution	
24		lines down where the snow meets the trees, do	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17]	}

		2.
1		you see any other structures in this photo
2		simulation that are man-made besides the
3		Northern Pass?
4	A.	No, not yet.
5	Q.	After Clarksville, the next town is
6		Stewartstown; right?
7	A.	Yes.
8	Q.	And there are two significant water bodies in
9		Stewartstown, Little Diamond Pond and Big
10		Diamond Pond, aren't there?
11	A.	Yes.
12	Q.	The smaller one is Little Diamond Pond in
13		Coleman State Park; right?
14	A.	Yes.
15	Q.	And the larger one is Big Diamond Pond?
16	A.	Yes.
17	Q.	And according to Mr. DeWan's map, users of
18		neither Little Diamond Pond nor Big Diamond
19		Pond currently see transmission lines, do
20		they?
21	A.	I believe that's correct.
22	Q.	And that's Mr. DeWan's map, Page A-9 of
23		Applicant's Exhibit 1. And does that show
24		the existing conditions? See on the bottom
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			22
1		left?	
2	A.	Existing structures?	
3	Q.	Correct.	
4	A.	Yes.	
5	Q.	Existing visibility.	
6	A.	"Existing visible structures" it says, yes.	
7	Q.	And according to Mr. DeWan's other map, users	
8		of both ponds would see the Northern Pass	
9		from almost all of each pond; is that	
10		correct?	
11	A.	I don't know.	
12	Q.	Do you see in this Map 02 Delta, that it is	
13		colored purple in most of those two ponds?	
14	A.	Yes.	
15	Q.	And looking back at the previous map, is	
16		there any purple in those ponds?	
17	A.	I don't see any.	
18	Q.	In your report, you don't mention the land	
19		uses of Little Diamond Pond or Big Diamond	
20		Pond, do you?	
21	A.	I mention the Coleman State Park that is north	ı
22		of the Project corridor.	
23	Q.	And yesterday we described we went through	
24		the three places in your report where you	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

		23
1		mentioned Coleman State Park; right?
2	A.	Yes, at a minimum.
3	Q.	Did you find additional discussion of Coleman
4		State Park since then?
5	A.	Well, I'm sure there's additional material if I
6		looked. It was well known to us that Coleman
7		State Park was there.
8	Q.	And you're sure that what other information
9		in your report exists about Coleman State
10		Park?
11	A.	Well, there's information, first of all, that I
12		reviewed in the EIS by the U.S. DOE. There's
13		also information in a recreation report that I
14		recall. So
15	Q.	Mr. Varney, I believe you just stated that
16		you are sure that there's additional
17		discussion or references to Coleman State
18		Park in your report, didn't you?
19	A.	What I was referring to is that I was well
20		aware of Coleman State Park, that there may be
21		additional references to it in the report or
22		with other documents that I've been involved
23		in. So if your question is: Was I aware that
24		Coleman State Park was there? Did I consider
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1		the fact that Little and Big Diamond Pond are
2		there? Yes, I was aware of those, of those
3		resources, and duly noted in the review of
4		prevailing land use that it was that the
5		Project ran south of Coleman State Park.
6	Q.	Okay. That was not my question. My question
7		had to do I'm interested in what's in your
8		report, your prefiled testimony, not what you
9		may have reviewed but not discussed in your
10		prefiled testimony or your report.
11		Are you aware that both of these ponds
12		are used for boating and fishing?
13	A.	Yes.
14	Q.	And are you aware that both ponds have public
15		boat ramps?
16	Α.	Yes.
17	Q.	Are you aware that Little Diamond Pond is a
18		designated trout pond by the New Hampshire
19		Fish & Game Department?
20	Α.	Yes.
21	Q.	Are you aware that both Big Diamond Pond and
22		Little Diamond Pond are listed on the State
23		Park's web site as fishing destinations in
24		the Great Woods?
	6	

			25
1	А.	Yes.	
2	Q.	Are you aware that in Coleman State Park	
3		there's a campground on Little Diamond Pond,	
4		as well as cabins and boats for rent?	
5	А.	Yes.	
6	Q.	You don't mention either Little Diamond or	
7		Big Diamond Pond by name in your report, do	
8		you?	
9	А.	No.	
10	Q.	This is the existing view for many users of	
11		the Little Diamond Pond, isn't it?	
12	А.	Yes, that's	
13	Q.	And I'm showing you appendix Applicant's	
14		Exhibit 1, Appendix 17, Page 14364.	
15		And this would be the view for those	
16		users if the Northern Pass is built, wouldn't	
17		it?	
18	А.	I didn't conduct the Visual Impact Assessment.	
19	Q.	Well, looking at this Visual Impact	
20		Assessment that was submitted with the	
21		Application, would you trust that this	
22		accurately depicts what the view for those	
23		users of Little Diamond Pond would be if the	
24		Northern Pass were built?	

		20
1	A.	I assume so, but I don't know if it's changed
2		at all since the time it was submitted.
3	Q.	Okay. And that was Applicant's Exhibit 1,
4		Appendix 17, Page 14365.
5		Coleman State Park is made up two non-
6		contiguous sections; correct?
7	A.	Yes.
8	Q.	And in the larger northern section, the park
9		includes part of Sugar Hill. Do you see
10		that?
11	A.	Yes. I believe that was mentioned in the text
12		as well.
13	Q.	And did you can you point out on the map
14		where Sugar Hill is?
15	A.	I can't read the map very well.
16		(Witness reviews document.)
17	A.	There it is.
18	Q.	Do you see where it says Sugar Hill now?
19	A.	Right. And there's a Sugar Hill Road as well,
20		I believe.
21	Q.	Do you see the words "Sugar Hill"?
22	A.	Yes.
23	Q.	It's partly within the park?
24	A.	Yes.
	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			21
1	Q.	And the rest of Sugar Hill appears to be	
2		undeveloped, non-state land, doesn't it?	
3	A.	Yes.	
4	Q.	So here is the Project Map, Applicant's	
5		Exhibit 2 I don't know what attachment	
6		oh, yeah, Exhibit 2, Page 27795. So we	
7		looked at these yesterday. This is one of	
8		two maps showing where the right-of-way would	
9		go in between the two non-contiguous sections	
10		of the park; correct?	
11	A.	Yes.	
12	Q.	And Sugar Hill is in that area; correct?	
13	A.	Yes.	
14	Q.	And that view from Little Diamond Pond is	
15		looking towards the Sugar Hill area, isn't	
16		it?	
17	Α.	I believe so, yes.	
18	Q.	So, given that the land in between the	
19		non-contiguous sections is undeveloped, and	
20		given that protection of that land would	
21		protect the view from Little Diamond Pond,	
22		wouldn't the orderly development of the	
23		region be for the land in between the two	
24		state parks to become part of the park	
l	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

Γ

			28
1		someday?	
2	A.	I can't speculate on that.	
3	Q.	Why not?	
4	A.	I haven't conducted an assessment of whether	
5		that fits or not. There are a lot of factors,	
6		and I didn't make a judgment on that.	
7	Q.	Wouldn't the connection of the park's lands	
8		be more consistent with the orderly	
9		development of the region than a new,	
10		overhead transmission line hundreds of feet	
11		from the park and visible from Little Diamond	
12		Pond?	
13		MR. NEEDLEMAN: Objection. This	3
14		calls for speculation. There's no evidence	
15		about what the future uses are as Mr. Reimers	
16		is positing them.	
17		MR. REIMERS: Mr. Varney is an	
18		expert on orderly development. Orderly	
19		development of this region includes Coleman	
20		State Park. And I think it's a very fair	
21		question, where there's two non-contiguous	
22		sections. According to an expert on orderly	
23		development of a region, what would be more	
24		consistent with orderly development? That one	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}	}

1		day the park could the two parts could come
2		together or that a transmission line would go
3		in between?
4		MR. NEEDLEMAN: This is
5		speculative and argumentative. If there's a
6		regional planning document or a local planning
7		document that you'd like to base these
8		questions on, that would be fair.
9		CHAIRMAN HONIGBERG: I don't
10		know I don't know that he has an opinion on
11		this. Why don't you ask him if he has thought
12		about it. I mean, you're assuming that he has
13		an opinion, which may or may not be right.
14	BY M	R. REIMERS:
15	Q.	Okay. Have you thought about this?
16	A.	No.
17	Q.	So when you were reviewing this project, you
18		didn't think about whether a transmission
19		line going between those two portions of the
20		park might be less in keeping with the
21		orderly development than a transmission line?
22		MR. NEEDLEMAN: Objection.
23		CHAIRMAN HONIGBERG: Overruled.
24		You can answer.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1	A.	No. And I would also state that there are many
2		transmission lines that exist throughout the
3		state where there is land that's protected
4		eventually around a transmission line and the
5		continued use exists. And so it doesn't
6		preclude any scenarios like that in the future.
7		But I think if we played this game of guessing
8		what the future land uses might be, will there
9		be an expansion of existing conserved land in
10		an area, it would be an endless game of
11		guessing of which lands are going to be
12		expanded or purchased or conserved at some
13		unknown point in the future.
14	BY M	R. REIMERS:
15	Q.	Are you aware of any other place along the
16		proposed right-of-way where the proposed
17		right-of-way goes in between two parts of a
18		state park?
19	A.	Yes, absolutely. Bear Brook State Park in
20		Allenstown. And another example, of course,
21		would be Pondicherry, where it's not a state
22		park, but it is a well-known and popular
23		wildlife preserve, and in a sense a park, that
24		has formed around the existing, pre-existing
L	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		31
1		transmission right-of-way.
2	Q.	A few questions about Diamond Pond Road. You
3		describe where the overhead right-of-way
4		would across Diamond Pond Road, and you
5		state, "There are few residences, many of
6		which appear to have a moderate to dense tree
7		cover buffer between houses and the
8		right-of-way"; is that correct?
9	A.	Yes.
10	Q.	That was your report in Applicant's Exhibit
11		1, Appendix 41, Page A-9.
12		And according to Mr. DeWan's maps, users
13		of Diamond Pond Road would view the Northern
14		Pass, wouldn't they?
15		MR. NEEDLEMAN: Objection. Mr.
16		DeWan testified that these maps are
17		"theoretical visibility."
18		CHAIRMAN HONIGBERG: Mr.
19		Reimers.
20	BY MI	R. REIMERS:
21	Q.	According to Mr. DeWan's maps, users of
22		Diamond Pond Road would "theoretically" view
23		the Northern Pass, wouldn't they?
24	A.	Potentially.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			54
1	Q.	And this moderate to dense tree cover you	
2		state appears to exist will not prevent users	
3		of Diamond Pond from theoretically viewing	
4		the Northern Pass, wouldn't it?	
5	A.	I didn't make a judgment on that. I simply	
6		pointed out that there was moderate to dense	
7		tree cover between the houses and the	
8		right-of-way. I didn't make a judgment as to	
9		how that translated into existing or, rather,	
10		potential visual impacts.	
11	Q.	Did you visit the private properties to	
12		determine tree cover buffer?	
13	A.	No.	
14	Q.	You didn't do any analysis to determine this,	
15		did you?	
16	A.	No. I was not the visual expert.	
17	Q.	And there's no analysis in your report where	
18		you discuss visibility and tree cover buffer,	
19		is there?	
20	Α.	No. I was just providing a fact in the	
21		description of the route.	
22	Q.	Would you characterize the statement, "There	
23		are few residences, many of which appear to	
24		have a moderate to dense tree cover buffer	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

1		between houses and the right-of-way, " end
2		quote, to be a fact?
3	A.	The existence of the tree canopy appeared to be
4		a fact at the time that the report was written.
5		And it was obvious in looking at visuals of the
6		route that there was some tree canopy there.
7		But it didn't go as far as to suggest that
8		there was any sort of visual assessment done of
9		how much one may or may not see the
10		right-of-way.
11	Q.	You state that Stewartstown's economy has
12		been based on manufacturing, mixed
13		agriculture and the timber industries;
14		correct? It's on Page A-8 of your report.
15	A.	That was Victoria's Bunker statement which is
16		noted in the text.
17	Q.	And you are including her statement in your
18		report; correct?
19	A.	Yes.
20	Q.	Do you have any reason to suggest that this
21		statement in your report is incorrect?
22	A.	It's talking about a historical perspective on
23		how things have changed over time and some of
24		the history of the town that was based on
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			34
1		manufacturing, mixed agriculture and	
2		timber-related industries.	
3	Q.	In a letter from the select boards of	
4		Pittsburg, Stewartstown and Clarksville, the	
5		boards state, quote, "Our scenic resources	
6		and landscapes are the essence of who we are.	
7		They define our communities and our sense of	
8		place. They drive the economy of the area	
9		through tourism and the building, maintenance	
10		and repair of second homes and vacation	
11		<pre>properties"; correct?</pre>	
12	A.	Yes.	
13	Q.	That's SPNF 231. You don't address the land	
14		uses of second homes and vacation properties	
15		in your report, do you?	
16	A.	No.	
17	Q.	The select boards further state, quote,	
18		"Highly important, scenic, cultural and	
19		historic areas of Pittsburg and Canaan, in	
20		Vermont, would forever be changed" I'm	
21		sorry "would forever be adversely changed	
22		by the existence and dominance of this	
23		commercial intrusion into the pastoral	
24		landscapes surrounding the historically	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

1		important Pittsburg area known as the Indian
2		Stream Republic; correct?
3	A.	Yes.
4	Q.	You don't mention the Indian Stream Republic
5		in your report, do you?
6	Α.	No, I don't believe so.
7	Q.	In their letter, the three select boards
8		state that the towers would be starkly
9		visible from some of the most valuable
10		residential and tourism development
11		properties in Stewartstown Colebrook, and
12		that, quote, "this segment of the
13		transmission line would ruin views from and
14		entryways to Coleman State Park"; correct?
15	A.	Yes. They were concerned about visual impacts,
16		and visual impacts have been addressed by the
17		visual impact expert.
18	Q.	Are the three select boards wrong about the
19		economy and prevailing land uses in their
20		region?
21	Α.	I wouldn't make a judgment on it. I would say
22		that the forest industry remains a very
23		important part of the economy and that
24		throughout New Hampshire there are some tourism
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		36
1		development properties that exist, and there
2		are a small number of residential properties
3		throughout along the route.
4	Q.	Are the select boards wrong about the
5		importance of vacation and second home land
6		uses in their towns?
7	A.	I don't have any reason to dispute what they
8		would say. That's their view of the economy.
9		But I don't know how well that would be backed
10		up by an investigation into that issue.
11	Q.	Have you ever
12	A.	Simply stating their views.
13	Q.	Have you ever lived in Pittsburg, Clarksville
14		or Stewartstown?
15	A.	No.
16	Q.	In your report you mention that you reviewed
17		various statewide plans; correct?
18	A.	Yes.
19	Q.	And at the end of the list you conclude,
20		quote, "The Project is consistent with these
21		plans and will not interfere with their
22		<pre>implementation"; correct?</pre>
23	A.	Correct.
24	Q.	The first plan on your list is the New
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1		Hampshire State Development Plan 2000, isn't
2		it?
3	A.	Yes.
4	Q.	This is the cover page; correct?
5	A.	Yes.
6	Q.	This is SPNF 233. The plan's pages are not
7		numbered, but there is a page that has the
8		following passage: Local communities must
9		continue to play a leading role in land use
10		management, identifying those natural,
11		cultural and historic resources that are the
12		foundation of a community's heritage must be
13		a priority. Without this sense of place, a
14		community's character is at risk. Correct?
15	A.	Yes.
16	Q.	So, in keeping with this plan's
17		recommendation, the letter from the select
18		boards of Pittsburg, Clarksville and
19		Stewartstown identified two examples of
20		resources, the Indian Stream Republic and
21		Coleman State Park, that help define their
22		communities, didn't they?
23	A.	They are assets in the community. They're an
24		important part of their heritage, yes.
	Jera	2015-06 Day 36 MODNING Section ONLY 1/09-19-17

1	Q.	Both the planning document that you reviewed
2		and the boards' letter both mention "sense of
3		place," don't they?
4		(Witness reviews document.)
5	Α.	Probably, yeah. "Sense of place" is a
6		characteristic.
7	Q.	So, construction of the Northern Pass could
8		interfere with the ability of Pittsburg, for
9		example, to do as the statewide plan
10		recommends, which is to play a leading role
11		in land use management and otherwise protect
12		the resources that are the foundation of the
13		community's heritage, couldn't it?
14	Α.	The Project would not interfere with their
15		ability to do that throughout the entire town.
16	Q.	But it might interfere with that with regard
17		to particular places?
18	Α.	In terms of affecting existing land use, it
19		wouldn't. And then as it relates to potential
20		visual impacts, I'm not the expert on that.
21	Q.	As far as having an effect on tourism, do you
22		have an opinion about that?
23	Α.	There was an expert who offered an opinion
24		about tourism and the fact that the Project
l	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		39
1		will not adversely affect tourism along its
2		in the area in which it's located.
3	Q.	You don't dispute the importance that those
4		select boards put on Indian Stream Republic
5		and Coleman State Park, do you?
6	A.	No.
7	Q.	So after Stewartstown, the new overhead
8		right-of-way would enter Dixville; correct?
9	A.	Hmm-hmm.
10	Q.	Soon after the right-of-way enters Dixville,
11		Nathan Pond is just above the right-of-way;
12		correct?
13	A.	Yes.
14	Q.	And do you see that in that yellow box?
15	A.	Yes.
16	Q.	Nathan Pond is a remote, walk-in trout pond,
17		isn't it?
18	A.	I believe so, yes.
19	Q.	Do you see that on the
20	Α.	Yes.
21	Q.	exhibit? That's SPNF 89.
22		Are you aware that Nathan Pond is a
23		designated trout pond by New Hampshire Fish &
24		Game?
	\ SEC	$2015-06$ Day 36 MORNING Segaion ONLV1 $\{09-19-17\}$

			40
1	A.	Yes.	
2	Q.	Are you aware that Nathan Pond is also	
3		designated by Fish & Game as a remote trout	
4		fishery?	
5	A.	I wasn't aware of that. But yes, I'm sure it	
6		is.	
7	Q.	And that's SPNF 242, and the prior exhibit	
8		was SPNF 15.	
9		Are you aware that Nathan Pond is the	
10		only designated remote trout fishery in	
11		Dixville?	
12	A.	Yes.	
13	Q.	You're now aware of it; correct?	
14	A.	Yes.	
15	Q.	Are you aware that Nathan Pond is listed on	
16		the State Parks web site as a fishing	
17		destination in the Great North Woods?	
18	A.	Yes, I believe I did see that.	
19	Q.	That's SPNF 16.	
20		Currently, users of Nathan Pond do not	
21		see any transmission lines or structures;	
22		correct? Theoretically?	
23	A.	Theoretically, perhaps.	
24	Q.	If the Northern Pass is built, users of parts	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	'}

		41
1		of Nathan Pond would see one to five
2		structures; correct? Theoretically?
3	Α.	Perhaps. Again, I'm not the visual expert, so
4		I don't want to
5	Q.	Look at this Map 02 Proposed. You see Nathan
6		Pond, don't you?
7	Α.	Yes.
8	Q.	And do you see that it's colored purple?
9	Α.	Yes.
10	Q.	So if we look back at the prior Map 03
11		Existing, looking at Nathan Pond, is there
12		any purple?
13	Α.	No.
14	Q.	So, theoretically, users of Nathan Pond would
15		see one to five structures; correct?
16	A.	Potentially.
17	Q.	When you say "potentially," what do you mean?
18	Α.	That I didn't conduct the Visual Impact
19		Assessment of this project.
20	Q.	So are you saying that you're relying on what
21		I'm showing you of Mr. DeWan's work?
22	Α.	No.
23	Q.	When you say "potentially," are you
24		suggesting that they may not see these
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		42
1		structures?
2	A.	I don't know. You're providing a map, and I
3		don't have the full context of it. I haven't
4		reviewed the expert's consideration of this and
5		any comments he may have made to the SEC about
6		it. It's not my area of expertise. I'm aware
7		of the pond. I'm aware of where the
8		right-of-way is located.
9	Q.	Nathan Pond is about a fifth of a mile from
10		the right-of-way, isn't it?
11	A.	I don't believe I measured it, but
12	Q.	You can look at
13	A.	it probably is about that.
14	Q.	You can look at Mr. DeWan's legend. I'm not
15		asking exactly. But do you think it looks to
16		be about a fifth of a mile away?
17	A.	Again, probably.
18	Q.	You don't describe or mention how Nathan Pond
19		is used in your report, do you?
20	A.	Not in this report, no.
21	Q.	But you do describe the use of nearby Mud
22		Pond, don't you?
23	A.	Yes, and I also describe the Nathan Pond Ride
24		the Wilds ATV trail.
	[ and	201E OCLEDED 26 WORNING GORGION ON VILOO 10 17

		-
1	Q.	So you describe the use of Mud Pond, and you
2		state in your report that approximately one
3		mile south of this location is Mud Pond, a
4		forested, outdoor recreation spot that is
5		managed as part of the Balsams Resort;
6		correct?
7	A.	Yes.
8	Q.	And the Balsams Resort supports the Northern
9		Pass Project, doesn't it?
10	A.	Yes, I believe so.
11	Q.	The Mud Pond is a mile away from the
12		right-of-way, isn't it?
13	A.	I think so, yes.
14	Q.	Well, actually, you state in your text that
15		it's a mile away.
16	A.	Yeah, a mile away.
17	Q.	Now, stepping back, overall in your
18		methodology you focused on land uses and
19		features in or adjacent to the right-of-way;
20		correct?
21	A.	I talk about features that are along the
22		corridor. And so it does talk about crossing
23		southeast through forested land for about one
24		mile, cross the Snowmobile Corridor Trail 18
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		44
1		and then a route used for both Nathan Pond Ride
2		the Wilds ATV Trail and Snowmobile Corridor 18,
3		and then to the south was the Mud Pond.
4	Q.	So if Nathan Pond is approximately a fifth of
5		a mile away, isn't Nathan Pond more adjacent
6		to the corridor than Mud Pond, which is a
7		mile away?
8	A.	Probably.
9	Q.	When you say "probably," under what scenario
10		would something that is one fifth of a mile
11		away be
12	A.	No, I probably could have gone into more depth
13		on Nathan Pond in the written description.
14	Q.	It would be fair to say that you singled out
15		a farther-away land use managed by a
16		supporter of the Project and ignored a much
17		closer, state-designated remote trout pond,
18		wouldn't it?
19	A.	No. I didn't even know if the Balsams
20		supported the Project at the time that I was
21		writing this report.
22	Q.	Do you know why you focused on a mile-away
23		Mud Pond and didn't discuss Nathan Pond?
24	A.	No. As I probably stated, I could have
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

probably provided more detail about Nathan 1 2 Pond. MR. REIMERS: This would be a 3 good time to break. 4 5 CHAIRMAN HONIGBERG: All right. We're going to take a ten-minute break. 6 7 (Recess was taken at 10:06 a.m., 8 and the hearing resumed at 10:30 a.m.) 9 CHAIRMAN HONIGBERG: All right. Mr. Needleman. 10 11 MR. NEEDLEMAN: Thank you, Mr. 12 Chairman. Mr. Varney is having a personal issue at the moment and will be back out in a 13 couple minutes to keep going. But he's got an 14 15 appointment now at 1:00 that will take an 16 indefinite amount of time this afternoon, and 17 so it's not clear to us whether after lunch he would be able to return today. 18 19 CHAIRMAN HONIGBERG: Okay. Ι 20 think it probably makes sense for folks to get 21 together to see if there's anything productive 22 we can do this afternoon in his absence, but 23 otherwise we'll do what we need to do. 24 MR. NEEDLEMAN: Okay. Thank {SEC 2015-06} [Day 36 MORNING Session ONLY] {09-19-17}

Г

			46
1		you. We apologize for this.	
2		(Pause)	
3		MR. VARNEY: Thank you.	
4		CHAIRMAN HONIGBERG: Mr.	
5		Reimers, you're ready to go?	
6		MR. REIMERS: Yes.	
7		CHAIRMAN HONIGBERG: You may	
8		continue.	
9	BY MI	R. REIMERS:	
10	Q.	Mr. Varney, we just discussed Dixville.	
11		After Dixville, the next town on the new	
12		overhead right-of-way would be Millsfield;	
13		correct?	
14	A.	Yes.	
15	Q.	And in Millsfield, the right-of-way would be	
16		through Wagner Forest land?	
17	A.	Yes.	
18	Q.	On your map in your report at Page A-16, the	
19		majority of the land is colored light brown	
20		or gray in this area. According to the	
21		legend, what land use is that?	
22	A.	I believe in the mosaic from the state agency	
23		it says "unknown vacant land" for the gray.	
24	Q.	The accurate color for the Wagner Forest land	
	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	<b>'</b> }

		47
1		would be green for forest land, wouldn't it?
2	A.	Yes, I believe so, and it's described in the
3		text.
4	Q.	Are you aware that there are several trout
5		ponds in Millsfield?
6	A.	Yes.
7	Q.	Are you aware of Millsfield Pond?
8	A.	Yes.
9	Q.	Okay. This is SPNF 243. Are you aware of
10		Moose Pond, also known as Little Millsfield
11		Pond?
12	A.	Yes, I recall seeing that. Yes.
13	Q.	This is SPNF 244. You recall seeing that
14		where?
15	A.	In materials that I reviewed.
16	Q.	Are you aware of Bragg Pond?
17	A.	I see it on the map.
18	Q.	This is SPNF 90.
19		In your report you, mentioned that Bragg
20		Pond is approximately 1,760 feet from the
21		right-of-way; is that right?
22	A.	Yes.
23	Q.	Are you also aware of Long Pond?
24	A.	Off the top of my head, I've heard of it, but I
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

Γ

			48
1		can't recall.	
2	Q.	There are currently no transmission lines	
3		visible, theoretically well, not	
4		theoretically. Strike that.	
5		There are no currently no transmission	
6		lines visible from any of these four ponds;	
7		is that correct?	
8	Α.	I am not sure. I'm not the visual expert.	
9	Q.	I'm showing you SPNF 248, which is which	
10		has red boxes. Do you see those	
11	Α.	Yes.	
12	Q.	around the four ponds that I just	
13		mentioned? And this is Mr. DeWan's Map 04	
14		Existing. Is that what it says?	
15	Α.	Yes.	
16	Q.	And do you see that in his legend he has	
17		various shades of purple for visibility?	
18	Α.	Yes.	
19	Q.	And the deeper the purple, the more	
20		theoretical visibility?	
21	Α.	Yes.	
22	Q.	So do you see any purple on these ponds?	
23	Α.	No.	
24	Q.	If the Northern Pass is built, users of	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

		49
1		Millsfield, according to Mr. DeWan's map,
2		would theoretically see 1 to 20 structures,
3		wouldn't they?
4	A.	Again, I'm not the visual expert, and I don't
5		know how he characterized this
6	Q.	Okay.
7	Α.	during the proceedings.
8	Q.	On this Map 04 Proposed, would you agree that
9		Millsfield Pond has various shades of purple?
10	Α.	Yes.
11	Q.	If the Northern Pass is built, users of part
12		of Long Pond would theoretically see 6 to 20
13		towers; correct?
14	Α.	Perhaps.
15		MR. REIMERS: Mr. Chairman, may
16		I have one second, or a few seconds?
17		(Pause in proceedings)
18	BY M	R. REIMERS:
19	Q.	Okay. Mr. Varney, do you see how on the
20		screen some labels for the maps for the
21		different ponds are kind of confusing?
22	Α.	Yes.
23		MR. REIMERS: Oh, yeah, let's
24		use the ELMO.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			50
1	BY MI	R. REIMERS:	
2	Q.	Okay. Just so we're all clear, the larger	
3		pond the largest pond is Millsfield Pond;	
4		correct?	
5	A.	Yes.	
6	Q.	And just above that is Bragg Pond?	
7	A.	Yes.	
8	Q.	And then near the "Signal Mountain Fire	
9		Tower" language is Long Pond?	
10	A.	Yes.	
11	Q.	And to the upper right of that is Moose Pond;	
12		right?	
13	A.	Yes.	
14		(Pause)	
15	Q.	Looking back at SPNF 248, which is Map 04	
16		Proposed of DeWan's map with the purple, do	
17		you see that Bragg Pond has various shades of	
18		purple in it?	
19	Α.	Yes.	
20	Q.	And that indicates theoretical visibility?	
21	A.	According to this map, yes.	
22	Q.	And do you see Long Pond, which has various	
23		shades of purple in part of Long Pond?	
24		That's the one near the "Signal Mountain Fire	
l	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-13	7}

			5
1		Tower" language.	
2	A.	Yes. Small amount, yes.	
3	Q.	And do you see Moose Pond having shades of	
4		purple there, too?	
5	Α.	Yes, light purple.	
6	Q.	Are you aware that all four ponds are	
7		designated trout ponds by the New Hampshire	
8		Fish & Game Department?	
9	Α.	No.	
10	Q.	Showing you SPNF 15. Would you agree that	
11		all four ponds are on that list?	
12	Α.	Yes.	
13	Q.	Are you aware that Bragg Pond, Long Pond and	
14		Moose Pond are also designated by Fish & Game	
15		as remote trout fisheries?	
16	Α.	Yes.	
17	Q.	Showing you SPNF 242. Those are the only	
18		remote trout fisheries in Millsfield on this	
19		list, aren't they?	
20	Α.	Yes.	
21	Q.	Do you see the introductory paragraph by Fish	
22		& Game that states, quote, "The New Hampshire	
23		Fish & Game Department manages selected	
24		waters to provide remote trout fishing	
I	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	}

Γ

		52
1		experiences, meaning anglers have an
2		opportunity to catch fish in a wilderness
3		setting." Do you see that?
4	A.	Yes.
5	Q.	If a fisher person would see transmission
6		structures from the pond, the pond would feel
7		less remote, wouldn't it?
8	A.	Could you repeat that? I was reading your
9		slide. Sorry.
10	Q.	That's okay. If a user of the pond would see
11		transmission structures, the pond would feel
12		less remote to that user, wouldn't it?
13	A.	I'm not sure. I don't know how that individual
14		would feel. Can't speculate.
15	Q.	If a user of the pond would see transmission
16		towers, the pond would no longer have a
17		wilderness setting, would it?
18		MR. NEEDLEMAN: Objection. This
19		sounds like we're talking about visual
20		assessment at this point, and use and
21		enjoyment.
22		MR. REIMERS: Fish & Game has
23		designated certain ponds for a particular use,
24		which is remote trout fishing, or remote trout
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1	fishery. And in designating this particular	
2	use, Fish & Game talks about the particular -	-
3	the special use that these particular ponds	
4	would have versus other fisheries. That's wh	Y
5	they have the designated trout fishery list,	
6	which is not the remote one.	
7	So Mr. Varney has written a	
8	report regarding that has two sections of	
9	prevailing land uses, recreation and wetlands	
10	water bodies. And in his report he mentions	
11	Bragg Pond and says that it's 1760 feet away.	
12	Doesn't mention any of the other ponds. And	
13	throughout his report he also has mentioned	
14	the use of some particular ponds. So I think	
15	it is a very fair question to ask him about	
16	the user's experience at these particular	
17	ponds, one of which he specifically mentioned	
18	and three of which he did not.	
19	CHAIRMAN HONIGBERG: Mr.	
20	Needleman.	
21	MR. NEEDLEMAN: Well, several	
22	points. First of all, everything that Mr.	
23	Reimers just said goes directly to use and	
24	enjoyment in the context of aesthetics	
	SEC 2015-06[Day 36 MORNING Session ONLY] $09-19-1$	7}

analysis. I'm not sure why those witnesses 1 weren't asked. 2 Second of all, this also 3 sounds like it relates directly to questions 4 5 of tourism, which Mr. Varney has already testified he's relying on another witness for 6 7 So Mr. Varney has said multiple times that. that the focus of the work he did was on land 8 use, changes in land use, existing versus 9 future. I don't see how this relates to 10 11 that. CHAIRMAN HONIGBERG: But I think 12 if Mr. Varney doesn't know the answers to the 13 14 questions that Mr. Reimers is asking and 15 believes that those questions should be 16 directed to a different panel, that's what he 17 should say. I think if it's in the report, it's reasonable for Mr. Reimers to ask about 18 19 them. But he may get answers that are 20 consistent with what Mr. Varney said in response to other questions. 21 22 So I don't remember the 23 specific question anymore, so if you want to repeat it, that might be helpful. 24

Γ

		55
1	BY MI	R. REIMERS:
2	Q.	If users of one of these remote trout
3		fisheries would view transmission structures
4		from that pond and during their use, that
5		pond would no longer have a wilderness
6		setting, would it?
7	A.	I don't know.
8	Q.	Did you inquire with Fish & Game whether the
9		Northern Pass would cause some ponds to be
10		de-listed?
11	A.	No. I simply looked at existing land uses
12		along the line. And in this case, a stocked
13		trout pond would be continued to be available
14		for fishing at these ponds.
15	Q.	If a pond did lose its remote trout fishery
16		designation, would that be a change in use
17		caused by the Northern Pass?
18	A.	It would still be a trout pond where people are
19		able to enjoy fishing.
20	Q.	It would be a trout pond. But my question
21		is: If it was de-listed from the remote
22		trout pond list, would that be a change in
23		use?
24	A.	It's a recreational use that currently exists.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1		And people would be able to fish there and
2		catch stocked trout before the Project occurs,
3		and they would be able to fish there for
4		stocked trout after the Project is constructed.
5	Q.	I'm showing you SPNF 16. Are you aware that
6		Millsfield Pond, Long Pond and Moose Pond are
7		also listed on the State Parks web site as
8		fishing destinations in the Great North
9		Woods?
10	A.	Yes.
11	Q.	In your report, you mentioned the distance
12		between the proposed right-of-way and Bragg
13		Pond, but you did not discuss the use of
14		Bragg Pond, did you?
15	A.	It simply mentions it in the context of a pond
16		and the ATV trails and the logging roads and
17		the significant forest harvesting that occurs
18		in the area.
19	Q.	And in your report you did not mention Long
20		Bond, Millsfield Pond or Moose Pond at all,
21		did you?
22	Α.	No.
23	Q.	Here is SPNF 249 which shows the theoretical
24		visibility from the four ponds as it is now
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		57
1		and lists the state designations for each
2		pond. Do you agree with any of these
3		designations?
4	A.	I don't have an opinion on the designations.
5		It was not part of my report to evaluate the
6		designation.
7	Q.	It would be fair to say that trout fisheries
8		are a prevailing land use in this part of
9		Millsfield, wouldn't it?
10	A.	That hunting and fishing are common
11		recreational activities, along with
12		snowmobiling and ATV use.
13	Q.	So, after Millsfield and Errol, the next town
14		would be Dummer, wouldn't it?
15	A.	Yes.
16	Q.	And the Northern Pass would run a total of
17		8.9 miles through Dummer; is that right?
18	A.	Yes.
19		MR. REIMERS: Sorry. We need to
20		switch back to the hardwire, please.
21	BY M	R. REIMERS:
22	Q.	So the first 6 miles would be new overhead
23		right-of-way, and the remaining 2.9 miles in
24		Dummer would be in an existing right-of-way
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		58
1		where there currently stands a 115 kV line;
2		correct?
3	A.	Yes.
4	Q.	So, soon after entering Dummer, the new
5		right-of-way comes about 1,000 feet from
6		Dummer Pond; is that correct?
7	A.	Yes, I believe so.
8	Q.	In your report, are you referring to Big
9		Dummer Pond or Little Dummer Pond?
10	A.	I can't remember. It's been a couple of years.
11	Q.	Are you aware that there are two?
12	A.	I looked at the maps. And so, to the extent
13		that it's there, then I'm aware of it.
14	Q.	According to Mr. DeWan's Map 05 Existing, do
15		you see, Big Dummer Pond and Little Dummer
16		Pond?
17	A.	Yes.
18	Q.	And do you see any purple that would indicate
19		theoretical visibility at those ponds?
20	A.	I see some purple on this map, yes.
21	Q.	Do you see any purple on Big Dummer or Little
22		Dummer Pond?
23	A.	No.
24	Q.	If the Northern Pass is built, users of
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			59
1		nearly every part of both ponds would	
2		theoretically see the Northern Pass, wouldn't	
3		they, according to Mr. DeWan?	
4	A.	Yeah, I don't know. I didn't conduct the	
5		Visual Impact Assessment.	
6	Q.	Do you see on this map where Big Dummer and	
7		Little Dummer Ponds are?	
8	Α.	I see purple on the map. But again, I'm not	
9		the visual expert.	
10	Q.	So if you go back, this is the map we just	
11		looked at showing no theoretical visibility.	
12		And do you see purple covering most or all of	
13		Big Dummer Pond and Little Dummer Pond?	
14	Α.	Yes.	
15	Q.	And that purple indicates theoretical	
16		visibility; correct?	
17	Α.	Yes, apparently.	
18	Q.	Mr. DeWan did a simulation from Big Dummer	
19		Pond. Are you aware of that?	
20	Α.	Yes.	
21	Q.	And these I'm showing you his photo	
22		simulation at Page APP 14401 of Appellant's	
23		[sic] Exhibit 1, Appendix 17. These would be	
24		some of the towers visible to users of Big	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	'}

Γ

			60
1		Dummer Pond; correct?	
2	А.	Yes.	
3	Q.	Are you aware that Big Dummer and Little	
4		Dummer Ponds are designated trout ponds by	
5		New Hampshire Fish & Game?	
6	Α.	No, but I'm sure it's on the list.	
7	Q.	Do you see them on SPNF 15?	
8	Α.	Yes.	
9	Q.	Are you aware that the Dummer Ponds are	
10		listed on the State Parks web site as fishing	
11		destinations in the Great North Woods?	
12	А.	Yes.	
13	Q.	And except for mentioning that the proposed	
14		right-of-way would be about 1,000 feet from	
15		Dummer Pond, you don't address the uses of	
16		Big Dummer or Little Dummer Ponds in your	
17		report, do you?	
18	Α.	No.	
19	Q.	Now, after Dummer, the Northern Pass	
20		right-of-way would enter Stark; correct?	
21	Α.	Yes.	
22	Q.	And in your report you state, quote, "In	
23		Stark, the existing 150-foot wide	
24		right-of-way contains a single 115 kV	
	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	' }

		61
1		transmission line within a 140-, plus or
2		minus, foot cleared corridor"; correct?
3	A.	Yes.
4	Q.	That's in your report at A-20. So the
5		corridor's cleared currently to 140 feet?
6	A.	I believe that was the measurement at the time.
7	Q.	In the next paragraph you state, "Additional
8		vegetative clearing will occur in the
9		150-foot right-of-way ranging from 10 to 40,
10		plus or minus"; correct?
11	Α.	Yes, that was my understanding.
12	Q.	Okay. I assume you meant 10 to plus or minus
13		40 feet.
14	Α.	Yes.
15	Q.	If the existing right-of-way is 150 feet wide
16		and is already cleared to 140 feet, how can
17		up to 40 feet of additional clearing take
18		place?
19	A.	I don't recall. It was probably a
20		generalization, and there may have been an area
21		that needed some additional vegetative removal.
22	Q.	That wouldn't apply to this particular area,
23		would it?
24	A.	I don't recall.
	[ and	201E OCLEDEN 26 MODILING GORGION ONLY [00 10 17]

		62
1	Q.	Do you think that if it's already cleared, if
2		the right-of-way is cleared to 140 feet, that
3		any more than 10 additional feet could be
4		cleared if the right-of-way is 150 feet tall?
5	A.	If that's a constant number, yes. I assume so.
6		I don't know.
7	Q.	You state that the existing 115 kV towers in
8		Stark are 43 to 56.5 feet in height; correct?
9	Α.	Yes.
10	Q.	For the rebuilt 115 kV line, the new towers
11		would be 74.5 to 110.5 feet in height;
12		correct?
13	Α.	Yes.
14	Q.	And new Northern Pass towers would be 70 to
15		130 feet in height; right?
16	Α.	Yes.
17	Q.	So, with the two transmission lines ranging
18		from 74.5 to 110.5 feet and 70 to 130 feet,
19		Stark would have two transmission lines that
20		are roughly comparable in height if the
21		Northern Pass is built, wouldn't it?
22	A.	Similar height. Yes, I believe so.
23	Q.	Both would have a minimum of 70 feet in
24		height?
		•

		6.
1	A.	I believe so. Obviously, there are a lot of
2		factors in structure heights with topography.
3		But, yes, I assume so.
4	Q.	Well, looking at the text in your report,
5		would you agree that both lines would be a
6		minimum of 70 feet in height?
7	Α.	Yes.
8	Q.	And both would be at least 110.5 feet in
9		height at their tallest parts, according to
10		your report?
11	Α.	For the relocated line, there could be. Yes.
12	Q.	In essence strike that.
13		So if you have two transmission lines
14		in Stark roughly comparable in height
15		strike that question.
16		At the conclusion of the Stark report,
17		you state, quote, "A general depiction of
18		existing land uses along the corridor in
19		Stark is provided on the attached map";
20		correct?
21	A.	Yes.
22	Q.	And looking at your attached map, Page A-22,
23		despite its legend, your map of Stark does
24		not show any land uses at all, does it?
I	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		01
1	А.	This is the data that came from the Department
2		of Revenue Administration.
3	Q.	And it's also the data that you decided to
4		put into your report; correct?
5	A.	It was the source of data that was recommended
6		by the Regional Planning Commission.
7	Q.	When you prepared your report, did you notice
8		that there were no land uses actually shown
9		on the map for Stark?
10	A.	Yes.
11	Q.	Yet, nevertheless, your text
12	A.	It describes land use along the corridor. In
13		each of these cases, we didn't rely entirely on
14		the maps that are located there. We looked
15		carefully at the route of the Project and
16		described land uses along the corridor.
17	Q.	So in your Stark report where you state, "A
18		general depiction of existing land uses along
19		the corridor in Stark is provided on the
20		attached map," that isn't accurate in this
21		case, is it?
22	A.	Well, actually, you do get a sense of it as it
23		relates to the parcels that are shown. And
24		there are some uses that one can glean from
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1		that map. But again, we didn't simply rely on
2		the Department of Revenue Administration's
3		mosaic map. We looked at additional maps and
4		described prevailing land uses along the
5		right-of-way in this town. And of course, this
6		is all within an existing corridor, utility
7		corridor.
8	Q.	Looking at the legend on your map, can you
9		glean from the map any of the shown colors
10		that are shown in the legend, purported to be
11		on the map?
12	Α.	I can glean topographical features,
13		including
14	Q.	Mr. Varney, that wasn't my question. I said,
15		can you glean any of the colors shown in the
16		legend?
17	A.	There are some colors in the map. I mean, it's
18		hard to read it to scale. But there appear to
19		be three or four colors shown here.
20	Q.	Any that tell me one, please, that
21	Α.	As well as the water bodies that are shown.
22	Q.	Are the water bodies shown in the same color
23		as the legend indicates water bodies are
24		shown?
	~	

		66
1	A.	No, but they're obvious.
2	Q.	Would you say that the prevailing land uses
3		in and along the corridor are obvious on this
4		map?
5	A.	It's described in the text. Did not rely
6		entirely on the map. It's described in some
7		detail in the text.
8	Q.	But you didn't describe all the nearby
9		features in your text for example, some
10		ponds; correct?
11	A.	Could always have added more in every
12		description. But my sense was that this was a
13		fairly accurate description of land uses along
14		the corridor, which is, as I said, an existing
15		corridor.
16		MR. REIMERS: Dawn, would you
17		please turn on the ELMO, please? Thank you.
18	BY MI	R. REIMERS:
19	Q.	I just have a few questions about
20		Northumberland.
21		Are you familiar with Cape Horn State
22		Forest?
23	A.	With which one?
24	Q.	Cape Horn State Forest.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			6
1	A.	Yes.	
2	Q.	Are you aware that it's in Northumberland?	
3	A.	Yes.	
4	Q.	Can you locate it on this map?	
5	A.	It would be east of Route 3. Where are we	
6		here? I'm not oriented.	
7	Q.	Let me help.	
8	A.	I can't see the highway there. But it's a	
9		high-elevation state park state forest,	
10		rather.	
11	Q.	Would you agree that it's kind of in the	
12		middle, south of the	
13	A.	Yes, yes.	
14	Q.	below the right-of-way	
15	A.	Yes, where that prominent feature	
16		(Court Reporter interrupts.)	
17	A.	I'm sorry.	
18	L8 BY MR. REIMERS:		
19	Q.	And there's an arc of what looks like higher	
20		land?	
21	A.	Yes.	
22	Q.	And there's green around much of it?	
23	A.	Yes.	
24	Q.	Okay. That would be generally the Cape Horn	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	}

			68
1		State Forest; correct?	
2	A.	Which has the existing transmission line	
3		right-of-way within it, yes.	
4	Q.	And let me ask you about that transmission	
5		line right-of-way. Is the transmission line	
6		right-of-way you're talking about the	
7		existing one; right?	
8	A.	Yes.	
9	Q.	Is that to the east or to the west of Cape	
10		Horn State Forest, keeping in mind that the	
11		north arrow faces a certain direction on this	
12		map?	
13		(Witness reviews document.)	
14	A.	What was your question again?	
15	Q.	Do you see where the north arrow is, which	
16		way it points on the bottom left?	
17	A.	Yes.	
18	Q.	Looks like a timer.	
19	A.	Yes.	
20	Q.	The existing right-of-way that you mentioned,	
21		is that to the east or to the west of the	
22		prominent feature in Cape Horn State Forest?	
23	A.	In this case, it's to the east, I believe.	
24	Q.	You believe it's close to the proposed	
I	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

		69
1		right-of-way?
2	A.	Yes.
3	Q.	Are you aware that there's another existing
4		right-of-way on the west side of the
5		prominent feature of Cape Horn State Forest?
6	A.	Yes, I believe so.
7	Q.	Did you consider the cumulative impacts to
8		Cape Horn of having two transmission line
9		rights-of-way, one on either side of the
10		prominent feature of Cape Horn State Forest?
11	Α.	I considered that the Project was proposing to
12		use an existing electric transmission line
13		right-of-way for their project, which is a
14		sound planning principle.
15	Q.	Did you analyze whether two transmission
16		the Northern Pass and another existing
17		transmission right-of-way would have a
18		cumulative effect on Cape Horn State Forest?
19	A.	No. The change in use will not there will
20		not be a change in use. It's an existing
21		transmission line, and it will remain as an
22		existing transmission line after the Project is
23		completed.
24	Q.	Moving on to Lancaster. Weeks State Park is
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

in Lancaster, isn't it? 1 2 Α. Yes. MR. REIMERS: Back to the 3 hardwire, please, Dawn. 4 BY MR. REIMERS: 5 I'm showing you your report at A-28. Where 6 ο. 7 is Weeks State Park on your map? Again, it's the mosaic. But I'm very familiar 8 Α. with that state park. And the park is to the 9 west of the transmission line. 10 11 Do you know where? South? North? You said Q. it's to the west? 12 13 Α. Yes. 14 Is it that larger kind of green blob on the Q. 15 lower part of the middle of the page, more or 16 less? 17 Α. Yes. Weeks State Park is not identified on your 18 Q. 19 map; right? 20 No, it's described in the Land Use Report. Α. 21 But on the map it's lumped in with other Q. 22 forest land; correct? 23 The State Department of Revenue Administration Α. 24 produced this map.

1	Q.	And you chose to include it in your report;
2		correct?
3	A.	Yes.
4	Q.	And the mountain constituting Weeks State
5		Park is Mount Prospect; right?
6	A.	Yes.
7	Q.	Now, Martin Meadow Pond is also in Lancaster;
8		right?
9	A.	Yes.
10	Q.	Are you aware that the New Hampshire Division
11		of Historical Resources recently listed the
12		Mount Prospect, Martin Meadow Pond cultural
13		landscape as potentially eligible for
14		cultural landscape designation?
15	A.	No, but I'm aware that the Project has
16		historical, cultural, archeological experts on
17		the Project.
18	Q.	I'm showing you Counsel for the Public's 443.
19		You don't mention Martin Meadow in your
20		ponds, do you?
21	A.	No.
22	Q.	Are you aware that Martin Meadow Pond is also
23		listed on the State Parks web site as a
24		fishing destination in the Great North Woods?
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		72
1	A.	Yes.
2	Q.	Do you see Martin Meadow Pond at the bottom
3		of the map showing Weeks State Park? This is
4		Mr. DeWan's Map 08 Proposed.
5	A.	Yes.
6	Q.	Do you see that?
7	Α.	Yes.
8	Q.	Let's look back at your map. Do you know
9		where on your map Martin Meadow Pond is?
10	Α.	I need to have them side by side to accurately
11		pinpoint it for you. As I said, I'm well aware
12		of Weeks State Park.
13	Q.	According to your map, the legend on your
14		map, water would be light blue; right?
15	Α.	Yes.
16	Q.	And there's no light blue on your map, is
17		there?
18	Α.	No, not on this map. But again, this wasn't
19		the only map that we relied upon when we looked
20		at land uses along the existing corridor.
21	Q.	There is a large wetland complex in the area
22		of the Northumberland/Lancaster border, isn't
23		there?
24	A.	I can't recall.

			73
1	Q.	I'm going to show you the Project maps,	
2		Applicant's Exhibit 2 at Page 27875 and	
3		27877. Do you see the line between	
4		Northumberland and Lancaster?	
5	A.	Yes.	
6	Q.	Do you see, according to the legend, wetlands	
7		are shown with yellow hashing?	
8	A.	Yes.	
9	Q.	And this is the other project map. Do you	
10		see the same yellow hashing on that border	
11		between Northumberland and Lancaster?	
12	A.	Yes.	
13	Q.	Would you agree that there's a large wetlands	
14		in that area?	
15	A.	It appears so.	
16	Q.	Do you recall a discussion of that wetlands	
17		during the environmental panel?	
18	A.	No.	
19	Q.	Looking back at your Page A-25 of	
20		Northumberland, do you see any wetlands shown	
21		at the in the border area of Lancaster and	
22		Northumberland?	
23	A.	No.	
24	Q.	Are you	
Ľ	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

1	A.	And it really wouldn't have made a difference
2		as well because I was not relying on these maps
3		entirely to review what was along the corridor.
4	Q.	But you were using these maps to show the
5		Subcommittee, intervenors and the public what
6		was along the right-of-way, weren't you?
7	A.	We were using a consistent source of the
8		information. And unfortunately, the town did
9		not have a good, up-to-date, existing land use
10		map. So at the advice of the North Country
11		Council, we used the mosaic data from the State
12		and, of course, looked at other sources of
13		information to describe land use along the
14		corridor, as we've done in the report.
15	Q.	Did you intend these maps to be helpful to
16		the Subcommittee or intervenors or the public
17		in understanding land uses along the
18		corridor?
19	A.	I believe that they provide a general depiction
20		of the Project location within the community,
21		and that by using the map, along with the text,
22		they can get a good sense of prevailing land
23		uses along the corridor.
24	Q.	If I looked at your map, along with your text
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		, ,
1		of Northumberland and Lancaster, would I know
2		that there's a wetlands complex there?
3	A.	Perhaps not. And again, it's a state agency's
4		mosaic data that's been used, and we didn't
5		rely entirely on that. And as you can see, we
6		describe in great detail the land uses along
7		the corridor.
8	Q.	In their wetlands materials submitted with
9		the Application, did Normandeau rely on
10		mosaic maps?
11	A.	For wetlands, there was wetlands mapping done
12		by field mapping done by wetlands experts.
13		That level of effort really wasn't warranted
14		for land use, given the use of the information.
15		The idea is to look at a variety of sources and
16		to describe the prevailing land uses along the
17		right-of-way. And in this case, it's an
18		existing electric transmission right-of-way
19		representing, I believe, less than 1 percent of
20		land use in the community.
21	Q.	So is it your opinion that it's more
22		important to have accurate maps if you're
23		doing wetlands work than it is for an orderly
24		development report?
	∫ a æa	$2015-06$ [Day 26 MODNING Section ONLY] $\left[ 00-10-17 \right]$

1	A.	Wetlands are used for state and federal
2		permitting, and there are very detailed
3		requirements associated with that. And as it
4		relates to this project, the SEC requires that
5		there be a description of prevailing land uses
6		along the corridor and the extent to which the
7		Project may affect those land uses. In this
8		case, it's following an existing corridor, and
9		there's no indication that it will affect
10		adjacent land uses.
11	Q.	And is it your opinion that, because this is
12		following an existing corridor, the maps need
13		not be accurate?
14	A.	I already answered that question.
15	Q.	What was your answer?
16	A.	My answer is that we used data from the New
17		Hampshire Department of Revenue Administration,
18		as recommended by the Regional Planning
19		Commission, and we did not rely entirely on
20		this map. It provides a general depiction of
21		the existing corridor within the community.
22		And there is a detailed, written description of
23		land use along the corridor.
24	Q.	Your legend shows wetlands as being blue with
l	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		77
1		stripes. Are you aware that no wetlands,
2		using that blue with white stripes, are shown
3		on your maps of 23 municipalities?
4	A.	Yeah, this is the New Hampshire Department of
5		Revenue Administration's map
6	Q.	Mr. Varney, I'll let you finish.
7	A.	Go ahead. That's all right.
8	Q.	For purposes of the SEC, why isn't this your
9		map?
10	A.	Because it's a map that was produced by another
11		entity, and we're providing the source of that
12		mapping data.
13	Q.	And you submitted it with your report. And
14		what it purports to state is on your map that
15		you submitted with your report; correct?
16		MR. NEEDLEMAN: Objection.
17		Asked and answered.
18		MR. REIMERS: I'll move on.
19	BY M	R. REIMERS:
20	Q.	My last question, actually, I don't think you
21		answered. Are you aware that wetlands, as
22		your legend indicates are shown, are not
23		shown on your maps of 23 municipalities?
24		MR. NEEDLEMAN: Objection.
L	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		78
1		Asked and answered.
2		CHAIRMAN HONIGBERG: You can
3		answer it again.
4	Α.	No. We reviewed the existing, prevailing land
5		uses along the corridor and described that in
6		this report.
7	BY MI	R. REIMERS:
8	Q.	So your answer was "No"; is that right?
9	Α.	Yes.
10	Q.	Whitefield is represented by counsel, so I'll
11		move on.
12		The next town on the proposed
13		right-of-way it's Dalton; correct?
14	Α.	Yes.
15	Q.	And this is Page A-33 of your report, in your
16		Dalton section. Forest Lake State Park is in
17		Dalton, isn't it?
18	A.	Yes.
19	Q.	And the only mention of the Forest Lake State
20		Park in your report is, quote, "Forest Lake
21		is located in the southern portion of town
22		and includes seasonal cottages along the
23		shoreland and Forest Lake State Park, a
24		recreational area with a beach and picnic
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		79
1		areas"; correct?
2	A.	Yes.
3	Q.	Again, where on your map is Forest Lake State
4		Park?
5	A.	It's not shown on the map. I believe that's
6		Burns Lake to the north.
7	Q.	If I represented to you, would you agree that
8		it's not shown on the map?
9	A.	If the map were continued in that direction, it
10		would show up. I've been to that lake and that
11		state park.
12	Q.	A state park is a land use, isn't it?
13	A.	It is, but it doesn't directly abut the
14		corridor. It's a significant distance,
15		actually, from the existing right-of-way. And
16		I have been to the park and looked from the
17		park across the lake. Heavily vegetated area.
18	Q.	Forest Lake itself is in both Whitefield and
19		Dalton; correct?
20	Α.	Excuse me. Again?
21	Q.	Forest Lake, not Forest Lake State Park, but
22		Forest Lake is in Whitefield and Dalton;
23		correct?
24	Α.	I believe so. I think of it as being in
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		80
1		Dalton. But yes, I think you're right.
2	Q.	Okay. Let's look at your map, Page A-32. Do
3		you see Forest Lake on your map?
4	Α.	Yes.
5	Q.	And where is it?
6	A.	I believe it's the lake further I'd need to
7		have an enlargement of this. Multiple towns.
8		(Witness reviews document.)
9	A.	As I said, I've been there and very familiar
10		with it. Very aware of the use.
11	Q.	Do you see the map now that it's do you
12		see Forest Lake now that the map's enlarged?
13	A.	Yes.
14	Q.	And do you see at this point Forest Lake
15		State Park identified on your map?
16	A.	No.
17	Q.	None of your maps identify state parks;
18		correct?
19	Α.	On the mosaics, I don't believe that they do.
20		But I was well aware of it when I wrote this
21		report and considered the prevailing land uses
22		along the corridor.
23	Q.	I just asked you, a few questions back,
24		whether a state park is a land use, and you
l	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		81
1		answered "Yes" and then went on to explain.
2		But are you aware of any of your maps that
3		show state park boundaries or label it?
4	A.	It's been on several maps for the Project.
5		It's not on this, labeled on this particular
6		map. But I've seen numerous maps where it's
7		located and
8	Q.	So, state parks are a land use that you do
9		not address; correct?
10	A.	Well, it's a recreational use, which we do
11		address. And based on this existing
12		right-of-way, and looking at Forest Lake State
13		Park, I didn't see any potential adverse effect
14		on those land uses. Again, it's a nice, small
15		lake with a state park, and it would continue
16		to serve as it would continue to be used in
17		a similar fashion after the Project is
18		constructed.
19	Q.	In Whitefield, the Northern Pass would be
20		would come less than a half-mile of Forest
21		Lake; is that correct?
22	A.	Approximately, yes.
23	Q.	We're looking at DeWan Map 09 Existing, which
24		is Appellant's Exhibit 1, Appendix 17.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			82
1	A.	Yes.	
2	Q.	Currently, users of Forest Lake appear to	
3		have a visibility of one to five transmission	
4		structures from a sliver of Forest Lake,	
5		don't they?	
6	A.	Perhaps. I don't know. I didn't conduct the	
7		visual assessments of the Project.	
8	Q.	Does this map of existing visibility show any	
9		purple on Forest Lake?	
10	A.	No.	
11	Q.	Do you see a little sliver?	
12	A.	No.	
13	Q.	If the Northern Pass is built, users of the	
14		entire users of almost all of Forest Lake	
15		would view transmission line structures,	
16		wouldn't they?	
17		MR. NEEDLEMAN: Objection.	
18	BY M	R. REIMERS:	
19	Q.	If the Northern Pass is built, according to	
20		Mr. DeWan's Map 09 Proposed, users of almost	
21		all of Forest Lake would have a theoretical	
22		visibility of the Northern Pass, wouldn't	
23		they?	
24	A.	I don't know. I see light purple on this map.	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	'}

		83
1		I didn't conduct a visual assessment. But I'm
2		fully aware of the use of Forest Lake. And I
3		think that the Project, once constructed within
4		this existing right-of-way, will not affect the
5		continued use of Forest Lake State Park.
6	Q.	You would agree that most of the lake in this
7		map is colored purple, wouldn't you?
8	A.	Light purple, yes.
9	Q.	Forest Lake State Park is used for swimming,
10		picnicking, mountain biking, fishing and
11		<pre>boating; correct?</pre>
12	A.	Yes, yes.
13	Q.	Are you aware that in its Petition to
14		Intervene, the Dalton Conservation Commission
15		expressed concern about the Northern Pass's
16		impact on recreational areas in town,
17		including Forest Lake?
18	A.	Yes.
19		MR. IACOPINO: Sorry. What are
20		we looking at right now?
21		MR. REIMERS: We are looking
22		at have we marked this? It's the Dalton
23		Conservation Commission 1/19/16 Petition to
24		Intervene. We can mark that as an exhibit.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		84
1	Q.	Looking back on strike that.
2		So were you aware that the Dalton
3		Conservation Commission had expressed concern
4		about Forest Lake State Park?
5	A.	No, but I wouldn't be surprised that they
6		raised a concern and wanted to ensure that that
7		was carefully reviewed by the SEC as part of
8		this proceeding.
9	Q.	And looking back at your map of existing land
10		uses in Dalton, like another one we looked
11		at, your map of Dalton doesn't contain any of
12		the colors suggested by the legend, does it?
13	A.	The DRA is what it is.
14	Q.	And this is the map that you
15	A.	And again, we didn't rely on simply that map.
16		We looked at a variety of mapping resources.
17	Q.	Moving to the very end of the right-of-way,
18		after Deerfield, are you aware that
19		additional project improvements would occur
20		between Deerfield and Londonderry?
21	A.	Some minor improvements, I believe, to some
22		existing structures.
23	Q.	Neither your testimony nor your report
24		addresses the towns of Deerfield, Candia,
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			05
1		Raymond, Auburn, Chester, Derry or	
2		Londonderry; correct?	
3	A.	Correct.	
4	Q.	Earlier, at a break, you were going to verify	
5		the sentence in your report asserting that	
6		25 percent of the right-of-way in Pittsburg	
7		is underground. Did you have a chance to do	
8		that?	
9	A.	I believe that's the correct number.	
10	Q.	So it's your testimony that 25 percent of the	
11		right-of-way in Pittsburg would be	
12		underground?	
13	A.	I believe my yeah, I believe my testimony	
14		was that 0.7 miles was undergrounded within	
15		Pittsburg.	
16	Q.	And you stand by your statement that that	
17		represents 25 percent of the right-of-way?	
18	A.	I can check. I wasn't able to check at the	
19		break.	
20	Q.	Understood. Thank you, Mr. Varney. I don't	
21		have any further questions.	
22	A.	Thank you.	
23		CHAIRMAN HONIGBERG: We'll take	
24		five, ten minutes.	
ļ	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}	}

1 MR. VARNEY: Thank you. 2 (Whereupon a recess was taken at 11:25 a.m., and the hearing resumed at 11:44 3 a.m.) 4 5 CHAIRMAN HONIGBERG: Mr. Baker, you may proceed. 6 7 MR. BAKER: Thank you, Mr. 8 Chairman. CROSS-EXAMINATION 9 BY MR. BAKER: 10 Good morning. My name is Bob Baker. 11 0. Ι represent four land owners, all of whom have 12 13 property in the region known as the Great 14 North Woods. Two of them have property in 15 Stewartstown, one of them has property in 16 Dummer, and one has property in Stark. 17 Very quickly. I understand you're from Bow; is that correct? 18 19 Α. Yes. 20 What familiarity do you have with the Great 0. 21 North Woods, other than as Eversource's 22 expert in this proceeding? 23 I was the Commissioner of the New Hampshire Α. Department of Environmental Services for 12 24 {SEC 2015-06} [Day 36 MORNING Session ONLY] {09-19-17}

		σ,
1		years, appointed by three governors, and also
2		served for a short while as Director of the
3		Office of State Planning. And prior to my work
4		with the State, I was head of two regional
5		planning commissions and worked with the other
6		regional planning commissions over the course
7		of our work, which included the North Country
8		Council.
9	Q.	This is all in your resume; correct?
10	Α.	Yes.
11	Q.	Yes. I'm more specifically interested in the
12		hands-on familiarity that you have with the
13		Great North Woods as a visitor or as a
14		traveler through the woods. Have you been
15		there very often?
16	Α.	Several times, yes.
17	Q.	Now, this is other than as performing your
18		assignment in this matter.
19	Α.	Yes. I have some relatives north of the Notch
20		and several friends.
21	Q.	Have you ever been in Dummer and Stark before
22		this assignment?
23	Α.	Yes, I have. Stark I remember quite well from
24		the PNGTS Project that was before the SEC. And
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1		in Dummer, I was involved with Dummer and
2		certainly one of its residents relating to the
3		Pontook Reservoir there and as it relates to
4		the State Water Resources Council.
5	Q.	So you're familiar with the fact that the
6		PNGTS project is co-located with a portion of
7		the Coos Loop through Dummer and Stark?
8	Α.	Yes.
9	Q.	You're also familiar, then, with the views
10		from various vantage points in those towns.
11		And I'm not going to ask you about the one
12		that's on my screen. That's one of my
13		favorites. It's a screen saver. But we're
14		going to go to a couple and see if they're
15		familiar to you.
16		This is DNA Exhibit 21. This is a view
17		of the landscape in Dummer on one of my
18		client's properties. The name is Olson.
19		Now, I'm sure that you've not been
20		specifically on this property, or unlikely
21		that you've been. But would you say that
22		this is a relatively typical view of the
23		landscape that you see in the Great North
24		Woods?
		• • •

			8
1	A.	Yes.	
2	Q.	And would you also agree that, except for a	
3		little, tiny, wooden cross, a horizontal	
4		piece just at the end of the red arrow, you	
5		don't see any transmission lines in this	
6		photograph?	
7	A.	No, I don't.	
8	Q.	Okay. And that would be quite typical of the	
9		North Country landscape along the Coos Loop,	
10		which the Applicants intend to use for this	
11		<pre>project; correct?</pre>	
12	A.	Yes. And there are also distribution lines	
13		that are along state highways as well	
14		throughout the Great North Woods.	
15	Q.	When you say "distribution lines," you're	
16		talking about distribution lines on single	
17		poles with a cross member	
18	A.	Yes.	
19	Q.	for local power. What's the typical	
20		height of a distribution line? About 25,	
21		30 feet?	
22	A.	Yeah, 35, 40 feet, something like that, yes.	
23	Q.	Well, the Coos Loop itself has this is the	
24		transmission line. It's on structures that	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	'}

		90
1		are 40 to 45 feet high; correct?
2	A.	Hmm-hmm. Yes.
3	Q.	And the typical distribution line is somewhat
4		smaller than that?
5	A.	Yes. And my only point was that structures are
6		a common sight throughout New Hampshire.
7	Q.	And this is another photograph of the Olson
8		property in Dummer. This is DNA Exhibit 16.
9		And it shows the property on this is a
10		private country road, but it used to be a
11		public road before it was abandoned by the
12		Town of Dummer.
13		Would you agree with me that this also
14		is a typical photograph of a North Country
15		road in the Great North Woods, especially in
16		the Dummer area?
17	Α.	I think this could be in many parts of New
18		Hampshire.
19	Q.	Okay. And how would you describe the
20		existing use of this property that you see in
21		this photograph?
22	A.	I see some mowed lawn areas, open areas and
23		some wooded areas.
24	Q.	You don't see any distribution or
	(a=a	2015 OCLEDER 26 WORNING GERRENT OWNILLOO 10 17

			9:
1		transmission lines, do you?	
2	A.	Not from this exact point, no.	
3	Q.	Yeah. And there are many roads in the North	
4		Country that you visited that would not have	
5		distribution or transmission lines; correct?	
6	A.	There are many that do and there are some that	2
7		don't.	
8	Q.	What I'm showing you is Appellant's	
9		Applicant's Exhibit 1, Appendix 17, Page M-12	
10		from the DeWan visual simulation package.	
11		It's Bates stamped 14320, and it's a blow-up	
12		of one corner of that document showing the	
13		Applicant's engineers' sketches of what the	
14		transmission towers proposed for Pittsburg,	
15		Stewartstown and Clarksville would look like	
16		as they cross the North Country landscape.	
17		Does this look familiar to you?	
18	Α.	It looks like a transmission structure.	
19	Q.	Okay. And are you are you prepared to	
20		acknowledge that this is the lattice tower	
21		structures that the Northern Pass proponents	
22		plan to build across the 2.1 miles of	
23		Pittsburg, that they will be above ground?	
24	Α.	I don't recall.	

			9
1	Q.	Would you be prepared to acknowledge that	
2		these are the lattice towers that Northern	
3		Pass plans to build in portions of	
4		Stewartstown or Clarksville?	
5	A.	Yes, it looks similar to that. Yes.	
6	Q.	Now I'd like to follow up on a few things	
7		that the Forest Society's lawyer asked you.	
8		He asked you if the towers planned by	
9		the Northern Pass proponents were consistent	
10		with the current uses in Clarksville,	
11		Stewartstown and Pittsburg, and I believe you	
12		said that you thought they were.	
13	Α.	Yes.	
14	Q.	And you thought that there was no difference	
15		between these and the normal distribution	
16		towers that you see on country roads up	
17		there?	
18	A.	I don't believe I made that statement.	
19	Q.	Well, I think you said, and I wrote it down	
20		in quotes, "It makes no difference to me,"	
21		end quote. Do you recall that?	
22	A.	No.	
23	Q.	All right. We'll check the record on that.	
24		But don't you agree that the	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17]	}

		23
1		construction of towers as shown in
2		Applicant's Exhibit 1, Appendix 17, is going
3		to radically change the countryside of the
4		Great North Woods, including the towns where
5		my clients live or have property?
6	A.	It would no, I do not believe that.
7	Q.	And that's because there are existing
8		transmission structures there that look like
9		these?
10	A.	No. It's because I don't have any evidence
11		that it would affect existing land uses and the
12		continued use for forestry or agriculture or
13		residential.
14	Q.	Do you think that my clients, Josh and Eric
15		Olson, and Elaine Olson, with respect to
16		their property, would agree with you?
17	A.	I can't speculate. But I would simply say that
18		the issue that you're focused on is a question
19		of visibility, and I am not the visual expert.
20	Q.	Okay. That's fair enough. Let's follow-up
21		on another question that was asked by the
22		Forest Society's lawyer.
23		He asked you about the Beecher Falls
24		plant that you talked about. And you said
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

			94
1		that that was only 0.3 miles from the	
2		corridor of this transmission line coming in	
3		from Canada into Pittsburg. Do you recall	
4		that?	
5	A.	I believe so.	
6	Q.	And why did you flag the Beecher Falls Ethan	
7		Allen plant there?	
8	A.	There are not many major manufacturing	
9		facilities in the area. And it was also tied	
10		in with the working forest uses that will	
11		continue after this project is constructed.	
12	Q.	It's part of the same region, isn't it?	
13	A.	It's part of the North Country, yes.	
14	Q.	In fact, the kids in the schools in the North	
15		Country go back and forth across the river	
16		between Vermont and New Hampshire all the	
17		time, don't they, to attend different schools	
18		in that area?	
19	A.	Yes, there are some shared municipal services	
20		in some of the border communities going as far	
21		as down to the school district with Hanover and	d
22		Lebanon and across the river and	
23	Q.	And you also mentioned there was a lumber	
24		yard in East Hereford, just north of the	
I	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	}

		95
1		Beecher Falls plant, that is also near the
2		transmission line as it comes into Pittsburg
3		from Canada; is that correct?
4	A.	Yes, I believe so.
5	Q.	And is that part of the same region?
6	A.	It's an area that was nearby, was a notable
7		manufacturing facility, which is fairly unusual
8		in the North Country.
9	Q.	And directly behind that factory is Mount
10		Hereford, isn't it?
11	A.	Yes.
12	Q.	And are you familiar with how the Project is
13		going to come into Pittsburg from Canada if
14		it's built as proposed?
15	A.	Yes.
16	Q.	It's going to come across the south side of
17		Mount Hereford in view of the town of Canaan
18		and portions of Pittsburg and Clarksville,
19		isn't it?
20	A.	Yes, it will.
21	Q.	Okay. And you're familiar with the fact that
22		Neil Tillotson gave a very large grant of
23		property on Mount Hereford to the people of
24		Quebec with conservation easements on it?
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		96
1	A.	I don't know the details, but I'm generally
2		aware of that, yes.
3	Q.	So you're aware that the portion of Mount
4		Hereford that the Canadian project would
5		cross is subject to a conservation easement
6		on this land given by Mr. Tillotson?
7	A.	I don't know the details. I can't speak to
8	Q.	You didn't mention any of that in your
9		report, did you?
10		MR. NEEDLEMAN: Objection.
11		Relevance.
12		MR. BAKER: He said it was part
13		of the region, and he flagged this plant right
14		next to this property on the Canadian side of
15		the border as defining a use of property in the
16		region.
17		CHAIRMAN HONIGBERG: And you
18		asked a bunch of questions about it. And so
19		what was the question the objection was just
20		to the last question; right?
21		MR. NEEDLEMAN: It was the
22		objection to questions about Canadian
23		conservation easements.
24		CHAIRMAN HONIGBERG: Okay.
ļ	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

MR. BAKER: Under the rules, and 1 I'll get to that in a minute, he is to describe 2 existing land uses in the region and how it 3 would impact -- how the Project would impact 4 that, either be consistent with it or different 5 than those. I'll put it up on the screen in a 6 7 second. 8 CHAIRMAN HONIGBERG: So, Canadian uses, in your view, count. 9 MR. BAKER: Well, if Canadian 10 11 uses for purposes of defining commercial 12 activity in the region count, it seems to me that you cannot have that and exclude the 13 14 existing uses that are next to that same 15 property. 16 CHAIRMAN HONIGBERG: Well, you 17 can proceed. We'll take it for what it's 18 worth. 19 BY MR. BAKER: 20 Do you recall the question, sir? Okay. 0. Let 21 me try it again. And this is the last 22 question on that subject. 23 Mount Hereford is, in part, subject to a conservation easement placed on it by a donor 24 {SEC 2015-06} [Day 36 MORNING Session ONLY] {09-19-17}

			98
1		named Neil Tillotson; correct?	
2	A.	Yes.	
3	Q.	It's very close to the commercial logging	
4		property or saw mill that you identified as	
5		defining the region; correct?	
6	A.	I was describing some of the major employers	
7		that were nearby.	
8	Q.	So, some of the property that's next to the	
9		property you were describing is in	
10		conservation; correct?	
11	A.	Apparently, yes.	
12	Q.	And it's forested; correct?	
13	A.	Apparently. Again, I didn't evaluate it.	
14		And I would also note that in terms of	
15		land use, that Pittsburg and Clarksville and	
16		Stewartstown do not have zoning.	
17	Q.	Well, we'll get to that in a second.	
18	A.	Okay.	
19	Q.	One more follow-up question on the Forest	
20		Society.	
21		In your report, you made the statement	
22		that the underground portion of the line in	
23		Pittsburg was 25 percent of the total	
24		corridor. Do you recall that?	
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17	7}

Γ

		99
1	A.	It's 0.7 miles.
2	Q.	Right. And did you look that up during the
3		break to see where that came from?
4	A.	No, I didn't have time.
5	Q.	Would it surprise you to learn that the
6		0.7 miles is the corridor underground portion
7		in both Pittsburg and Clarksville and not
8		just Pittsburg?
9	A.	Yes. Probably, yes. I know it goes down Route
10		3.
11	Q.	Okay. And if we did the math, would it make
12		any difference to you that the actual
13		underground distance in Pittsburg is about
14		12 percent of the total line and not 25?
15	A.	No.
16	Q.	Okay. I have in front of you the RSA on
17		orderly development of the region. And we've
18		looked at this before. I simply want you to
19		tell us how you have and you can do this
20		briefly how you have ascertained the views
21		of municipal and regional planning
22		commissions other than through written
23		documents. And I think you had interviews
24		with one or more of the employees of the
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

Γ

<ol> <li>North Country Council; is that correct?</li> <li>A. Yes.</li> <li>Q. So it was written documents and North Country Council interviews; correct?</li> <li>A. For the Site Evaluation Committee, the rules state that the Applicant shall include any information about the views of local and regional planning commissions and local governing bodies, if in writing, along with the Application.</li> <li>Q. Well, what writings did you look at specifically?</li> <li>A. I believe I addressed this in the report, in that I attended pre-Application meetings; I reviewed information on the SEC's web site; and I, of course, reviewed the Applicant's Application.</li> <li>Q. You did not interview any of the select boards in Pittsburg, Clarksville, Stewartstown, Dummer or Stark towns, did you?</li> <li>No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ol>			100
<ul> <li>Q. So it was written documents and North Country Council interviews; correct?</li> <li>A. For the Site Evaluation Committee, the rules state that the Applicant shall include any information about the views of local and regional planning commissions and local</li> <li>governing bodies, if in writing, along with the Application.</li> <li>Q. Well, what writings did you look at specifically?</li> <li>A. I believe I addressed this in the report, in that I attended pre-Application meetings; I reviewed information on the SEC's web site; and I, of course, reviewed the Applicant's Application.</li> <li>Q. You did not interview any of the select boards in Pittsburg, Clarksville, Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ul>	1		North Country Council; is that correct?
<ul> <li>Council interviews; correct?</li> <li>A. For the Site Evaluation Committee, the rules state that the Applicant shall include any information about the views of local and regional planning commissions and local</li> <li>governing bodies, if in writing, along with the Application.</li> <li>Q. Well, what writings did you look at specifically?</li> <li>A. I believe I addressed this in the report, in that I attended pre-Application meetings; I reviewed information on the SEC's web site; and I, of course, reviewed the Applicant's Application.</li> <li>Q. You did not interview any of the select boards in Pittsburg, Clarksville, Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ul>	2	А.	Yes.
<ul> <li>A. For the Site Evaluation Committee, the rules</li> <li>state that the Applicant shall include any</li> <li>information about the views of local and</li> <li>regional planning commissions and local</li> <li>governing bodies, if in writing, along with the</li> <li>Application.</li> <li>Q. Well, what writings did you look at</li> <li>specifically?</li> <li>A. I believe I addressed this in the report, in</li> <li>that I attended pre-Application meetings; I</li> <li>reviewed information on the SEC's web site; and</li> <li>I, of course, reviewed the Applicant's</li> <li>Application.</li> <li>Q. You did not interview any of the select</li> <li>boards in Pittsburg, Clarksville,</li> <li>Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They</li> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	3	Q.	So it was written documents and North Country
<ul> <li>state that the Applicant shall include any information about the views of local and regional planning commissions and local governing bodies, if in writing, along with the Application.</li> <li>Q. Well, what writings did you look at specifically?</li> <li>A. I believe I addressed this in the report, in that I attended pre-Application meetings; I reviewed information on the SEC's web site; and I, of course, reviewed the Applicant's Application.</li> <li>Q. You did not interview any of the select boards in Pittsburg, Clarksville, Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ul>	4		Council interviews; correct?
<ul> <li>information about the views of local and</li> <li>regional planning commissions and local</li> <li>governing bodies, if in writing, along with the</li> <li>Application.</li> <li>Q. Well, what writings did you look at</li> <li>specifically?</li> <li>A. I believe I addressed this in the report, in</li> <li>that I attended pre-Application meetings; I</li> <li>reviewed information on the SEC's web site; and</li> <li>I, of course, reviewed the Applicant's</li> <li>Application.</li> <li>Q. You did not interview any of the select</li> <li>boards in Pittsburg, Clarksville,</li> <li>Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They</li> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	5	Α.	For the Site Evaluation Committee, the rules
<ul> <li>regional planning commissions and local governing bodies, if in writing, along with the Application.</li> <li>Q. Well, what writings did you look at specifically?</li> <li>A. I believe I addressed this in the report, in that I attended pre-Application meetings; I reviewed information on the SEC's web site; and I, of course, reviewed the Applicant's Application.</li> <li>Q. You did not interview any of the select boards in Pittsburg, Clarksville, Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ul>	6		state that the Applicant shall include any
<ul> <li>governing bodies, if in writing, along with the</li> <li>Application.</li> <li>Q. Well, what writings did you look at</li> <li>specifically?</li> <li>A. I believe I addressed this in the report, in</li> <li>that I attended pre-Application meetings; I</li> <li>reviewed information on the SEC's web site; and</li> <li>I, of course, reviewed the Applicant's</li> <li>Application.</li> <li>Q. You did not interview any of the select</li> <li>boards in Pittsburg, Clarksville,</li> <li>Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They</li> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	7		information about the views of local and
<ul> <li>Application.</li> <li>Q. Well, what writings did you look at specifically?</li> <li>A. I believe I addressed this in the report, in that I attended pre-Application meetings; I reviewed information on the SEC's web site; and I, of course, reviewed the Applicant's Application.</li> <li>Q. You did not interview any of the select boards in Pittsburg, Clarksville, Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ul>	8		regional planning commissions and local
<ul> <li>11 Q. Well, what writings did you look at specifically?</li> <li>13 A. I believe I addressed this in the report, in that I attended pre-Application meetings; I reviewed information on the SEC's web site; and I, of course, reviewed the Applicant's Application.</li> <li>18 Q. You did not interview any of the select boards in Pittsburg, Clarksville, Stewartstown, Dummer or Stark towns, did you?</li> <li>21 A. No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ul>	9		governing bodies, if in writing, along with the
<ul> <li>specifically?</li> <li>A. I believe I addressed this in the report, in that I attended pre-Application meetings; I reviewed information on the SEC's web site; and I, of course, reviewed the Applicant's Application.</li> <li>Q. You did not interview any of the select boards in Pittsburg, Clarksville, Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ul>	10		Application.
<ul> <li>13 A. I believe I addressed this in the report, in</li> <li>14 that I attended pre-Application meetings; I</li> <li>15 reviewed information on the SEC's web site; and</li> <li>16 I, of course, reviewed the Applicant's</li> <li>17 Application.</li> <li>18 Q. You did not interview any of the select</li> <li>19 boards in Pittsburg, Clarksville,</li> <li>20 Stewartstown, Dummer or Stark towns, did you?</li> <li>21 A. No. The SEC rules do not require that. They</li> <li>22 very clearly state that, if such views have</li> <li>23 been expressed in writing, that it needs to be</li> </ul>	11	Q.	Well, what writings did you look at
<ul> <li>14 that I attended pre-Application meetings; I</li> <li>15 reviewed information on the SEC's web site; and</li> <li>16 I, of course, reviewed the Applicant's</li> <li>17 Application.</li> <li>18 Q. You did not interview any of the select</li> <li>19 boards in Pittsburg, Clarksville,</li> <li>20 Stewartstown, Dummer or Stark towns, did you?</li> <li>21 A. No. The SEC rules do not require that. They</li> <li>22 very clearly state that, if such views have</li> <li>23 been expressed in writing, that it needs to be</li> </ul>	12		specifically?
<ul> <li>reviewed information on the SEC's web site; and</li> <li>I, of course, reviewed the Applicant's</li> <li>Application.</li> <li>Q. You did not interview any of the select</li> <li>boards in Pittsburg, Clarksville,</li> <li>Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They</li> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	13	Α.	I believe I addressed this in the report, in
<ul> <li>I, of course, reviewed the Applicant's Application.</li> <li>Q. You did not interview any of the select boards in Pittsburg, Clarksville,</li> <li>Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They very clearly state that, if such views have been expressed in writing, that it needs to be</li> </ul>	14		that I attended pre-Application meetings; I
<ul> <li>Application.</li> <li>Q. You did not interview any of the select</li> <li>boards in Pittsburg, Clarksville,</li> <li>Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They</li> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	15		reviewed information on the SEC's web site; and
<ul> <li>18 Q. You did not interview any of the select</li> <li>19 boards in Pittsburg, Clarksville,</li> <li>20 Stewartstown, Dummer or Stark towns, did you?</li> <li>21 A. No. The SEC rules do not require that. They</li> <li>22 very clearly state that, if such views have</li> <li>23 been expressed in writing, that it needs to be</li> </ul>	16		I, of course, reviewed the Applicant's
<ul> <li>boards in Pittsburg, Clarksville,</li> <li>Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They</li> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	17		Application.
<ul> <li>Stewartstown, Dummer or Stark towns, did you?</li> <li>A. No. The SEC rules do not require that. They</li> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	18	Q.	You did not interview any of the select
<ul> <li>A. No. The SEC rules do not require that. They</li> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	19		boards in Pittsburg, Clarksville,
<ul> <li>very clearly state that, if such views have</li> <li>been expressed in writing, that it needs to be</li> </ul>	20		Stewartstown, Dummer or Stark towns, did you?
23 been expressed in writing, that it needs to be	21	A.	No. The SEC rules do not require that. They
	22		very clearly state that, if such views have
	23		been expressed in writing, that it needs to be
24 Included in the Application.	24		included in the Application.

Q. Well, you're putting a gloss on that by 1 2 saying that it has to be expressed in writing in the SEC proceedings, aren't you? 3 It just says "if views have been expressed in 4 Α. writing." 5 Right. 6 Q. 7 And it was prior to the submission of the Α. 8 Application. Well, it doesn't say that it has to be in 9 Q. 10 connection with the Application, with respect 11 to the rule -- with respect to the statute, does it? 12 13 MR. NEEDLEMAN: Objection. 14 Mr. Baker, CHAIRMAN HONIGBERG: 15 if you --16 MR. BAKER: I'll withdraw the 17 question. CHAIRMAN HONIGBERG: -- ask him 18 19 what he did and why he did it --20 MR. BAKER: I can argue this. Ι 21 I understand, and I'll withdraw the question. 22 Thank you, Mr. Chair. 23 BY MR. BAKER: Did you go to any of the town clerks in the 24 Q. {SEC 2015-06} [Day 36 MORNING Session ONLY] {09-19-17}

		102
1		five towns I've mentioned and ask them if
2		there's anything in writing expressing the
3		views of the town?
4	Α.	No.
5	Q.	Did it occur to you to do that?
6	A.	No.
7		MR. BAKER: Can we go to the
8		ELMO?
9	BY M	IR. BAKER:
10	Q.	This is a document I've marked as CS 97. And
11		it will be submitted as an exhibit. And I'm
12		quite sure, based on your last response, you
13		have not seen this document before, have you?
14		(Witness reviews document.)
15	A.	Not aware of it.
16	Q.	Okay. We'll ask other witnesses about this
17		document a little bit later. But I would
18		submit to you, sir, that this is the type of
19		document you might have found if you'd gone
20		to the town clerk of Pittsburg and made a
21		request for anything relating to the Northern
22		Pass. You agree that this might have been
23		produced to you?
24	Α.	It may have, it may not have. My experience
	[ and	2015 OCLEDED 26 NORMING GOODING WILLOU 10 17

1 with local town offices is that you can't assume that they will know about everything 2 that's happened. 3 MR. IACOPINO: Mr. Baker, are 4 5 these exhibits you're showing him marked at this point? 6 7 MR. BAKER: They have been 8 marked, but they have not been put up on the ShareFile site due to a --9 10 MR. IACOPINO: Can you identify 11 them for us? 12 MR. BAKER: Yes. The one that was just up was CS 97, and the one that's up 13 now is CS 99. 14 15 MR. IACOPINO: Thank you. 16 BY MR. BAKER: 17 0. Do you see CS 99, sir? 18 Α. Yes. 19 0. Have you seen that document before? 20 I may have. I'm aware that several towns had Α. 21 town meeting votes to oppose the Project as 22 proposed. 23 And why didn't you include in your report the Q. votes that were taken by these towns? 24 {SEC 2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1	Α.	That was not part of my role in looking at land
2		use
3	Q.	Well, the
4	Α.	or right-of-way.
5	Q.	The votes are all published in the minutes of
6		the town meetings, aren't they?
7	А.	Yes, and I reviewed any information that had
8		been collected by the outreach staff for
9		Eversource who were tracking town votes or
10		related information.
11	Q.	But you didn't include that in your report,
12		did you?
13	Α.	No. I spoke that I was aware that there were
14		concerns, and I attended several meetings in
15		which statements of concern were expressed at
16		the meetings.
17	Q.	Well, this is a document from the Town of
18		Stewartstown showing a town vote on a
19		directive directing the Town to oppose the
20		Northern Pass, isn't it?
21	A.	Yes, this was for the earlier version of the
22		Project, I believe.
23	Q.	Right. And would you agree that your report
24		makes no mention of this document?

		105
1	A.	Not specifically, but I do recognize and have
2		made it very clear that I'm aware of municipal
3		concerns that have been expressed.
4	Q.	And this document is a writing; is it not?
5	A.	Yes.
6	Q.	Okay. In fact, this was filed with the SEC.
7		I believe it's on the Comment page online.
8		Would you agree with that?
9	A.	Probably. And if so, then I read it because
10		it's consistent with some other similar votes.
11	Q.	Let's turn now to the North Country Council
12		for just a few minutes.
13		In your report, you mentioned a couple
14		of meetings you had with the North Country
15		Council. And you mentioned, among other
16		things, that the North Country Council, in
17		2014, published its regional plan; is that
18		correct?
19	A.	Yes.
20	Q.	And am I using the correct terminology, the
21		"regional plan"?
22	A.	Yes.
23	Q.	Do you have your copy of that regional plan
24		with you?
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		106	
1	А.	Not with me, no.	
2	Q.	Okay. Do you recall reading in that regional	
3		plan that the North Country Council Board of	
4		Directors had taken a vote to oppose the	
5		Northern Pass?	
6	А.	Yes.	
7	Q.	Why didn't you include that in your report?	
8	~ A.	I believe that occurred after the Application	
9		was submitted.	
10	Q.	But you updated your testimony, didn't you?	
11	~ A.	Yes.	
12	Q.	And you updated some of your reports;	
13	~	correct?	
14	А.	Yes, including the 2014 plan that all of the	
15		regions developed.	
16	Q.	Right. And the North Country Board of	
17	~	Directors resolution on Northern Pass was	
18		done when? Do you recall?	
19	А.	This one was back in 2010.	
20		Well, let's try February 23rd, 2011. And	
21	~	I'll put that on the screen.	
22		The document on the screen has been	
23		marked CS 101. Do you recognize this, sir?	
-0 24	А.	Yes.	
		$2015-06 \ \text{[Day 36 MORNING Segmion ONLY]} 09-19-17 \ \text{[Day 36 MORNING Segmion ONLY]} $	

Γ

		107
1	Q.	Why isn't that in your report?
2	A.	I believe that it may have been. I would need
3		to look.
4	Q.	Well, we can ascertain that by reviewing the
5		report
6	A.	I was
7	Q.	would you agree?
8	A.	Yes, as well as other working documents that
9		may have been provided.
10	Q.	Yeah. And the North Country Council Board of
11		Directors didn't just take this position
12		based on their own subjective feelings, did
13		they?
14	A.	No, it was a survey that was undertaken. And I
15		spoke with Michael King, who was the executive
16		director at that time, about it. And it was a
17		very simple survey that was conducted about
18		opposing the Project as proposed at that time.
19	Q.	Did you ask for a copy of the Northern Pass
20		survey results that were obtained by the
21		North Country Council?
22	A.	I believe I reviewed them online on their web
23		site at the time. I'm not sure if it's still
24		there. But I observed it on their web site. I
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		108
1		looked through the web sites of all the
2		regional planning commissions.
3	Q.	Right. And part of your job is to ascertain
4		the position of regional planning
5		commissions, isn't it?
6	A.	Yes.
7	Q.	Did you feel it was not important to have the
8		survey results mentioned in your report?
9	A.	Again, I can't recall to what extent there was
10		a discussion of this vote. But concerns about
11		the Project from the North Country Council are
12		discussed in some detail in the report.
13	Q.	For the
14	A.	And of course, this was taken before the
15		Project was revised with significantly more
16		undergrounding, and was well in advance of the
17		current proposal that was announced in the
18		summer of 2015, I believe.
19	Q.	All right. But you didn't explain any of
20		that in your report, did you?
21	A.	Again, I'm aware that there was a resolution
22		a survey done, and it was related to the prior
23		proposal. And I focused primarily on the North
24		Country Council's 2014 plan, as well as the
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

### [WITNESS: VARNEY]

		109
1		letter that they submitted later on.
2	Q.	Now, you mentioned earlier that the towns
3		where my clients live and the towns that
4		we've been talking about, Clarksville,
5		Pittsburg, Stewartstown, Dummer, Stark, they
6		don't have a planning board, do they?
7	Α.	I believe Dummer does. I don't know if it's
8		been some have been abolished. For example,
9		in Pittsburg, they developed a master plan in
10		1992, which then led, two years later, to
11		having the town abolish the planning board and
12		eliminate their subdivision regulations in the
13		town of Pittsburg.
14		I believe that Clarksville and
15		Stewartstown don't have zoning. Dummer has
16		zoning. It's a single zone, I believe. So
17		they changed their zoning recently. In fact,
18		we had a little bit of confusion about that,
19		because when one of our staff checked with
20		the town office about that, we were told that
21		it had been abolished, by the person in the
22		town, and it turned out that it wasn't
23		abolished. A large number of zoning
24		districts were abolished, and it's a single
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

109

Γ

		110
1		town ordinance, so to speak.
2	Q.	All right. Is it fair to say that the select
3		boards that serve these towns are generally
4		unpaid?
5	Α.	Unpaid? Yes.
6	Q.	And they're volunteers.
7	Α.	Yes.
8	Q.	And when they need to get guidance from the
9		town, they do it at town meeting every year,
10		don't they?
11	Α.	Well, they have meetings throughout the year as
12		well, not simply the town meeting. But they,
13		you know, usually meet on a bi-weekly or
14		monthly basis.
15	Q.	When a town needs to have its budget
16		approved, who approves that?
17	Α.	Usually goes through a budget committee and
18		then is voted on at town meeting.
19	Q.	So it's the voters in town
20	Α.	Yes.
21	Q.	they're the primary authority for what the
22		town spends; correct?
23	Α.	Yes.
24	Q.	Okay. And so when the town voters assemble
·	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

and vote that they want to oppose the 1 2 Northern Pass, aren't they the municipal authority that's directing the select board 3 what to do? 4 5 MR. NEEDLEMAN: Objection. Calls for a legal conclusion. 6 7 MR. BAKER: I think it's a 8 question that any New Hampshire resident can understand: Who's the ultimate authority in 9 town, if you know? That's not a legal 10 11 conclusion. 12 MR. NEEDLEMAN: It's a legal argument in the context of these requirements. 13 14 CHAIRMAN HONIGBERG: It is 15 clearly a legal argument. Now, whether it's an 16 unfair question or not, I don't know. But when 17 the legislative body of a town speaks, the legislative body of a town has spoken. 18 If 19 there's significance to that, you can argue 20 that. But I'm not sure what it is you want to 21 know from him about that. 22 MR. BAKER: I simply want the 23 witness to acknowledge, if he can, that the highest authority in the town is the town 24 {SEC 2015-06} [Day 36 MORNING Session ONLY] {09-19-17}

1		meeting and the voters who approve actions in
2		the town.
3		CHAIRMAN HONIGBERG: And that is
4		absolutely a legal argument. You can ask him
5		that question. You understand you're asking
6		him for a legal conclusion; right?
7		MR. BAKER: Yes, I understand
8		that part of it.
9	BY M	R. BAKER:
10	Q.	Can you respond to that question, sir?
11	Α.	That the town meeting voters adopt an annual
12		budget.
13	Q.	And when the town meeting is not in session,
14		then the select board is the ultimate primary
15		authority; is that correct?
16	Α.	Unless they need a special town meeting.
17	Q.	Okay. I'm just going to put up we talked
18		about the we'd gone off the subject, and
19		it's my fault the North Country Council
20		survey, and I want to put that up. It's
21		CS 102.
22		MR. IACOPINO: Mr. Baker, is
23		this CS 102 a document you actually got from
24		North Country Council?
	[ area	2015-06 [Day 36 MODNING Section ONLY] $00-10-17$

		113
1		MR. BAKER: It is.
2		MR. IACOPINO: Thank you.
3	BY MI	R. BAKER:
4	Q.	Showing you CS 102. Is this the survey that
5		you previously saw?
6	A.	Yes, I believe so.
7	Q.	Okay. And I'd simply like you to note that
8		the mostly negative responses on Northern
9		Pass, in the second column at the bottom,
10		total 359, and the mostly positive responses
11		total 29. Would you agree that that's what
12		the survey results were that caused the North
13		Country Council Board to issue its statement
14		opposing the Northern Pass?
15	Α.	I don't know what led them to issue their
16		statement and what kind of discussions they had
17		after the survey, but this appears to be a
18		tabulation of the survey results on a number of
19		subjects.
20	Q.	Thank you. I have no further questions.
21		MR. IACOPINO: Can I ask Mr.
22		Baker a question?
23		I have the same question for
24		you, sir, with CS 97, CS 99 and CS 101. Were
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

3

### [WITNESS: VARNEY]

	114
1	those documents actually obtained from the
2	Town?
3	MR. BAKER: CS 97 came from the
4	town. CS 99 came from this Committee's web
5	site in the Comments. CS 101 was the next one?
6	MR. IACOPINO: Yes.
7	MR. BAKER: That came from the
8	North Country Council.
9	MR. IACOPINO: Thank you.
10	MR. BAKER: Any others? I'm
11	sorry.
12	MR. IACOPINO: No.
13	MR. BAKER: Okay.
14	CHAIRMAN HONIGBERG: All right.
15	I understand that Ms. Menard is going to come
16	next. My understanding is Ms. Menard is asking
17	questions about outreach with landowners;
18	"conservation use," in quotation marks;
19	easement effect on property values; commercial
20	and future uses; existing use of the corridor,
21	and the Chalmers report. And then Ms.
22	Bradbury, who is also in the same Deerfield
23	Group, will be asking questions about different
24	topics, but I don't have that list.

		II
1		Ms. Menard, you may proceed
2		when ready.
3		CROSS-EXAMINATION
4	BY N	AS. MENARD:
5	Q.	Good afternoon, Mr. Varney.
6	A.	Good afternoon.
7	Q.	Were you involved in the first Northern Pass
8		landowner outreach effort in order to obtain
9		an easement to widen the right-of-way?
10	A.	No, I don't believe so.
11	Q.	So you didn't go to any of the meetings with
12		the individual landowners?
13	A.	No. I heard reports or comments from some who
14		did, but I was not there personally.
15	Q.	Okay. Was Mr. True working for Normandeau at
16		the time that some of these outreach meetings
17		were taking place in 2011 and 2012?
18	A.	No, he's never been an employee of Normandeau.
19	Q.	Okay. Thank you.
20		Do you know how wide that Northern Pass
21		was seeking to expand the existing
22		right-of-way?
23	A.	No, I don't know.
24	Q.	I'd like to move on to the next topic, and

1		that is, you state that the use of the
2		right-of-way predates conservation use;
3		correct?
4	A.	In many instances, not necessarily in all
5		instances. But in many instances it predates
6		the uses that are there now. For example,
7		there may have been a transmission line
8		corridor and a transmission line in place;
9		subsequent to that someone built a home, and
10		maybe after that someone bought the home. And
11		so there are, in some cases, a pre-existing use
12		of the corridor. And there are land uses that
13		may evolve over time from a development
14		standpoint, and there may also be some parcels
15		that are pre-existing residential. There may
16		be pre-existing conservation lands, or
17		conservation lands may be established with the
18		line already in place.
19	Q.	Would you agree that planned forest
20		management is evidence of conservation
21		efforts, in the sense that a property owner
22		has demonstrated wishing to hire professional
23		foresters and develop the property with
24		procedures that are recognized as good
I	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

116

		117
1		management practices, that that would be
2		considered evidence of a conservation-minded
3		landowner?
4	A.	Perhaps.
5	Q.	You agree that landowners may have been
6		practicing conservation, sound conservation
7		practices even though their land wasn't under
8		a conservation easement?
9	A.	Yes.
10	Q.	In your testimony, do you have evidence that
11		supports your assertion that the use of the
12		NPT corridor predates conservation land uses?
13	A.	That there are conservation lands throughout
14		New Hampshire that evolve or are created as
15		formal conservation land in proximity to an
16		existing right-of-way. And if I were to look,
17		there'd be dozens of examples.
18	Q.	So your statement of the use of the
19		right-of-way predating conservation easements
20		is more of a general summary comment that
21		you
22	A.	A general note in terms of compatibility of
23		land use, that there have been many instances,
24		and there are many, many examples of uses being
	SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1		established with the full knowledge that there
2		was a utility right-of-way there. And in some
3		cases, that utility right-of-way existed prior
4		to the construction of a home or the
5		designation of a parcel of land for
6		conservation.
7	Q.	But in terms of creating a benchmark for your
8		statement and supporting your statement, do
9		you have any evidence that would disprove a
10		sense that maybe there was more conservation
11		activities taking place, you know, along the
12		route, as opposed to your assumption or
13		assertion that it's the other way around?
14		That's the point I'm trying to get at.
15	A.	Yeah. Again, I think I've stated fairly
16		clearly that there are many conservation lands
17		that were established in proximity to an
18		existing utility corridor, an existing utility
19		right-of-way. And there are many land uses
20		that exist today that were established after a
21		line was already in place, and there are other
22		instances in which it was the reverse.
23	Q.	Moving on to just two questions about the
24		buried utility easement. Yesterday, Attorney
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1		Pappas was questioning you with regards to a
2		buried easement interfering with development
3		opportunities for a property owner. My
4		questions relate to the fact that you agree
5		that Mr. Chalmers' report does not address
6		property value effects in the areas where the
7		Project is to be buried. Correct?
8	A.	I believe so, yes.
9	Q.	Can you offer an opinion about market value
10		effects of a high-voltage utility easement
11		encumbrance that may result in a private
12		property now having an easement encumbered
13		upon their property?
14	A.	No.
15	Q.	I'd like to ask you a few questions about my
16		family's commercial property located in
17		Deerfield. And for illustrative purposes, I
18		took the this map is from the Nottingham
19		Road Rural Historic District file. And I
20		will look up the number to place on it. And
21		this is, for just brief background, you can
22		see Nottingham Road, and there's a cluster of
23		some commercial buildings. And this is about
24		40,000 square feet of commercial buildings,
l	{SEC	2015-06 [Day 36 MORNING Session ONLY ] { 09-19-17 }

1		but we'll just show you two pictures so you
2		have a mind's eye of what's out back here on
3		this property. These were constructed
4		starting in the '50s. There's three sets of
5		buildings.
6		MS. MENARD: And you can go on
7		to the next picture.
8	BY MS	S. MENARD:
9	Q.	And once again, these are photos from the
10		historic file on the Deerfield Parade area.
11		And in the background, on the top picture is
12		Pawtuckaway Mountain; hence, the name of this
13		facility, Pawtuckaway View. It was
14		originally the PK Lindsay Company.
15		You agree that Mr. Chalmers did not
16		study commercial properties in his New
17		Hampshire case studies?
18	A.	Yes.
19	Q.	And that his conclusion was that the proposed
20		Northern Pass Transmission Project would have
21		no measurable impact on the value of
22		commercial property; correct?
23	A.	I believe it was commercial and industrial.
24	Q.	Yes.
	∫ c ₽C	2015-06 VIVI 36 MODNING Seggion ONLVI J09-19-17

		121
1	А.	Yes, I read that.
2	Q.	Okay. Do you agree that the master plan
3		vision guides future land use decisions?
4	A.	Yes.
5	Q.	You agree that future uses of properties may
6		be different than the prevailing use?
7	Α.	That land uses could change at some point in
8		time, yes.
9	Q.	Are you familiar with the term "re-purposing"
10		buildings
11	Α.	Yes.
12	Q.	such as converting mill buildings to
13		residential, et cetera?
14	A.	Or residential to offices, yes.
15	Q.	Okay. In your land use analysis, how did you
16		identify the commercial properties?
17	A.	Combination of looking at existing land use
18		maps, reading the town master plan, and driving
19		the route as best I could without infringing on
20		anyone's private property.
21	Q.	Did you identify this Deerfield commercial
22		property? The address is 63 Nottingham Road.
23	Α.	I can't recall. It was a couple years ago.
24		Not sure.
L	-	

1	Q.	Is your conclusion the same as Mr. Chalmers,
2		that Northern Pass would have no measurable
3		impact on the value of a property like
4		63 Nottingham Road?
5	A.	I'm not aware of anything that would suggest
6		otherwise.
7	Q.	Okay. I'm going to move on to another topic
8		that has to do with the section of
9		right-of-way in Deerfield that is, as you're
10		aware, composed of two 100-foot sections.
11		You would agree that concerns about
12		right-of-way development impacts in the 1920s
13		and 1950s were likely different than the
14		development impacts being discussed today?
15	A.	I'm not sure I could conclude that. I'd need
16		to look at it further.
17	Q.	You would agree that in Deerfield, the
18		development of the second 1950s right-of-way,
19		which was a 115 kV line, what was being
20		proposed was similar in size and style to
21		that of the existing 1920s corridor? Would
22		you agree with that?
23	A.	The question, though, was what?
24	Q.	The question is: Was there a similar when
	${SEC}$	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1		people were hearing about and planning for
2		the second introduction of a project on a new
3		corridor, it was similar to what they were
4		used to?
5	A.	I don't know.
6	Q.	Well, I'll just ask you. Do you think that
7		the Deerfield Planning Boards in the '60s and
8		'70s, and I can't and I don't know if
9		there were planning boards, if that's what
10		they were called. So let's just assume there
11		was some. Can we assume that there was
12		Deerfield involvement in being aware of the
13		this new right-of-way coming through town?
14		Do you think that they were envisioning or
15		had any reason to anticipate a future
16		doubling of pole height and structure style
17		changes?
18		MR. NEEDLEMAN: Objection.
19		Calls for speculation.
20		CHAIRMAN HONIGBERG: Ms. Menard.
21		MS. MENARD: Well, Mr. Varney's
22		a land use planner. And I think it's more than
23		a curiosity question to understand if we're
24		wrestling with decisions about a project today
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

and he's relying on existing uses and change of 1 2 uses. That depends on understanding how people got to where they have got. And I would 3 imagine that --4 5 CHAIRMAN HONIGBERG: I'm sorry. You've just argued for why you should be able 6 7 to look back to get an explanation of how 8 people got to where they are. But I think the question asked him to look forward, didn't it? 9 MS. MENARD: I'm actually going 10 11 to get to that point. His testimony does go In fact, it's a major cornerstone of his 12 back. 13 argument. 14 CHAIRMAN HONIGBERG: I may have 15 misunderstood the question. Can you reread the 16 question? 17 MS. MENARD: Yes. BY MS. MENARD: 18 19 0. Do you believe that people who were in a 20 position of commenting, deliberating, making 21 decisions for a municipal town like Deerfield 22 had any idea, had any vision of a future 23 project that would be doubling in size? 24 CHAIRMAN HONIGBERG: Yeah, that

### [WITNESS: VARNEY]

		12	5
1		definitely calls for speculation.	
2		MS. MENARD: Okay.	
3	BY M	S. MENARD:	
4	Q.	So you can imagine that. You don't know the	
5		answer	
6	A.	My answer would be that I can't speculate on	
7		that.	
8	Q.	Okay.	
9	A.	Been waiting to give that answer, but	
10		everyone's given it for me. That was off the	
11		record, by the way.	
12		CHAIRMAN HONIGBERG: Sorry. You	
13		don't get to make those decisions.	
14	BY M	S. MENARD:	
15	Q.	So your continued use argument goes back in	
16		time, but does not contemplate the next	
17		proposed project which may happen in 50	
18		years; correct?	
19	A.	In my report, I was simply pointing out that	
20		there are many transmission lines in the state	
21		that have existed for a very long time. And I	
22		think, also, that there is a general assumption	
23		with those involved in planning and development	
24		that there will be increased use over time,	
	{ SEC	$2015-06$ [Day 36 MORNING Session ONLY] $\{09-19-17\}$	

1		that the town will have additional growth in
2		residences and businesses, that there will
3		potentially be growth in their utility needs to
4		serve the town and the region, and that their
5		roadways are likely to carry more traffic and
6		may need to be upgraded over time to serve that
7		need as well.
8		So, again, I can't speculate what was in
9		their minds in any community back in those
10		in that time frame, but I was simply pointing
11		out a fact that is one of many
12		considerations.
13	Q.	In your answer just now, you stated that it
14		is to be assumed that planning boards
15		anticipate future growth of an easement.
16		What's the evidence of that?
17	A.	Based on my experience in working with many
18		towns and having read, even for this project,
19		about 50 master plans, they all assume that
20		there will be growth and development taking
21		place in the future.
22	Q.	We assume that today; correct? So you're
23		reading master plans, and you have access to,
24		again, information as to how things develop
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

		127
1		that potentially goes back, what, 30 years or
2		so? Is that fair? Or 40 years maybe?
3	A.	You can pick any time frame you'd like. Some
4		go back further.
5	Q.	Okay.
6		CHAIRMAN HONIGBERG: Ms. Menard,
7		we're going to need to wrap up in five minutes
8		or so.
9		MS. MENARD: Okay.
10	BY MS	S. MENARD:
11	Q.	So continued use does not necessarily
12		guarantee future use; correct?
13	A.	There's a potential for future uses to change
14		over time. And the work on land use is to look
15		at prevailing land uses this is according to
16		the SEC requirements prevailing uses along
17		the Project corridor, and then to look at the
18		extent to which they will affect the continued
19		uses of those properties.
20	Q.	Okay. And my last topic is regarding some
21		questions about Mr. Chalmers. And in
22		response to a question yesterday from Mr.
23		Reimers, you considered Mr. Chalmers' report
24		well done; correct?
	[ and	$2015-06$ [Day 26 MORNING Section ONLY] $\left[ 09-19-17 \right]$

		128
1	А.	Yes.
2	Q.	Are you familiar with the methodology used in
3		his report?
4	А.	Generally speaking.
5	Q.	Do you know if this methodology outlined was
6		actually followed?
7	Α.	I didn't conduct an evaluation of protocols
8		that were carried out in the conduct of
9		developing information for his report, no. I
10		read the final report and his prefiled
11		testimony and supplemental testimony.
12	Q.	You agree that you testified that you found
13		Mr. Chalmers' work to be accurate.
14	Α.	I found it to be well done. And I'm sure, with
15		any major effort, there may have been some
16		errors occasionally. But overall, his body of
17		work on this effort was, in my view, very well
18		done, very informative, very interesting. And
19		also, I think he was very sincere and honest in
20		how he expressed the concerns that property
21		owners may have and then how the data may not
22		correspond to that.
23	Q.	Yesterday you used the word "accurate."
24		Today you did not use the word "accurate."
I	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

1	A.	Well, I'm using it in a general sense. I don't
2		recall using "accurate." I may have said that.
3		But it would have been in a general context, in
4		that it provided much more level of detail than
5		I had seen in prior SEC proceedings.
6	Q.	So we've established that you're not a real
7		estate expert; correct?
8	A.	Correct.
9	Q.	And if I handed you one of his case studies,
10		could you read it and verify the accuracy?
11	Α.	I'd need to go out and do my own independent
12		research to verify that. So I relied on his
13		overall opinions and overall conclusions
14		regarding effect on property values.
15	Q.	Did Mr. Chalmers provide any
16		post-construction studies or reports to
17		reflect that the Northern Pass Project might
18		affect properties along the route?
19	A.	I don't believe so, other than the extent to
20		that there was not that he conducted a
21		literature search and that his findings
22		appeared to be consistent with the literature
23		search that he conducted, which is explained in
24		his testimony.

1	Q.	In Mr. Chalmers' report, do you know how many
2		times there's a reference to "Northern Pass
3		Transmission"?
4	Α.	No, I certainly didn't count them.
5	Q.	I'll represent to you that "Northern Pass
6		Transmission," if you did a word search of
7		his 1700-page document, zero uses; "NPT,"
8		letters N-P-T, is used five times; and
9		"Northern Pass" is used two times.
10		So my last question is: If Mr. Chalmers
11		did not study individual project effects on
12		individual real estate markets in New
13		Hampshire, nor regional markets in New
14		Hampshire, do you agree that his report
15		doesn't go into details regarding individual
16		markets or individual communities?
17	Α.	It was regional markets that he spoke to. But
18		he conducted subdivision studies and the like
19		as well.
20	Q.	I'd like to just put up the transcript to
21		help me get to my last question.
22		Would you be able because I can't see
23		this far, would you be able to read that for
24		us, the underlined section?
	( and	2015 OCLEAR 26 MODILING GORGION ONLY 1 (00 10 17)

[WITNESS: VARNEY]

		191
1	А.	It says it didn't address the issue of the
2		impact of the Project on local
3		CHAIRMAN HONIGBERG: Slow down,
4		slow down.
5	A.	I'm sorry. It didn't address the issue of the
6		impact of the Project on local and regional
7		real estate markets. It was addressing the
8		issue of the effect of high-voltage
9		transmission lines on residential, primarily on
10		residential real estate values, as a general
11		issue of research.
12	Q.	So we have my question is not to create a
13		list of all the things that Mr. Chalmers
14		didn't study. I would like to get to the
15		essence of what Mr. Chalmers did study. And
16		my concern is to what degree did Mr. Chalmers
17		study or provide evidence of the effects of
18		Northern Pass Transmission on New Hampshire
19		property values.
20		MR. NEEDLEMAN: Mr. Chairman, I
21		object. Mr. Chalmers testified extensively,
22		and all his documents are in the record. They
23		all speak for themselves on this issue.
24		CHAIRMAN HONIGBERG: Ms. Menard.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

131

1 MS. MENARD: But Mr. Varney is representing that he relied on Mr. Chalmers' 2 report, and he has a responsibility to -- his 3 part of his testimony similarly is rendering an 4 5 opinion of Project effects on property values. So, can I clarify the question to get --6 7 CHAIRMAN HONIGBERG: Give it a 8 whirl. Whoa, whoa, I want a clarified 9 question. 10 He's nodding, and I MS. MENARD: 11 think he understands what I'm after. CHAIRMAN HONIGBERG: Yeah, and I 12 think -- I was prepared to sustain the 13 14 objection and not let you ask --15 MS. MENARD: Thank you. Ι 16 will --17 CHAIRMAN HONIGBERG: No, no, no, not let him answer the question that you asked. 18 19 He apparently wants to answer the question, but 20 there's a pending objection that seems to me to 21 be a valid one. So I would prefer that you try 22 to rephrase the question. 23 I will try. MS. MENARD: 24 CHAIRMAN HONIGBERG: That's {SEC 2015-06} [Day 36 MORNING Session ONLY] {09-19-17}

1 directed at you, Ms. Menard, to rephrase the 2 question. MS. MENARD: Yes, I'm thinking. 3 Is that allowed? 4 5 MR. NEEDLEMAN: Could we maybe break here to get Mr. Varney out, and maybe Ms. 6 7 Menard could think about her question? 8 CHAIRMAN HONIGBERG: Off the 9 record. 10 (Discussion off the record). 11 CHAIRMAN HONIGBERG: All right. MS. MENARD: I will rephrase the 12 question. 13 14 BY MS. MENARD: 15 Are you all set, Mr. Varney -ο. 16 Yes. Α. 17 0. -- or would you prefer to move on? Yes. Go ahead. If you could just ask the 18 Α. 19 question, I'll try to answer it. 20 Okay. The question is: From a property **Q**. 21 value perspective, what evidence do we have, 22 either from Mr. Chalmers' report or from you, 23 to address Northern Pass Transmission 24 Project's effect on property values in New {SEC 2015-06} [Day 36 MORNING Session ONLY] {09-19-17}

133

		134
1		Hampshire?
2	A.	Mr. Chalmers' report does look at the potential
3		effect of property values associated with a
4		transmission line, whether it be this project
5		or another transmission line in New
6		Hampshire
7	Q.	Excuse me. Mr. Varney, may I interrupt?
8	A.	Yes.
9	Q.	I'm concerned I'm not here to talk about
10		115 kV line impacts on property values. I'm
11		here to talk about the Northern Pass
12		Transmission impact on property values. In
13		either Chalmers' report, which I led to that
14		question with, post-construction, that
15		would that's probably the closest thing
16		we're going to get to where is there
17		information for the Committee to consider
18		regarding Northern Pass Transmission Project
19		impacts on property values?
20	A.	In his prefiled and supplemental testimony and
21		his reports.
22	Q.	Okay. Thank you.
23	A.	Thank you.
24		CHAIRMAN HONIGBERG: All right.
	{SEC	2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

	135
1	We will break for the day and resume on
2	Thursday.
3	(Whereupon the Day 36 Morning
4	Session was adjourned at 12:51
5	p.m., with NO DAY 36 Afternoon Session,
6	and the Day 37 hearing to resume
7	on September 20, 2017
8	commencing at 9:00 a.m.)
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
	$SEC 2015-06$ [Day 36 MORNING Session ONLY] $\{09-19-17\}$

1	CERTIFICATE
2	I, Susan J. Robidas, a Licensed
3	Shorthand Court Reporter and Notary Public
4	of the State of New Hampshire, do hereby
5	certify that the foregoing is a true and
6	accurate transcript of my stenographic
7	notes of these proceedings taken at the
8	place and on the date hereinbefore set
9	forth, to the best of my skill and ability
10	under the conditions present at the time.
11	I further certify that I am neither
12	attorney or counsel for, nor related to or
13	employed by any of the parties to the
14	action; and further, that I am not a
15	relative or employee of any attorney or
16	counsel employed in this case, nor am I
17	financially interested in this action.
18	
19	Susan J. Robidas, LCR/RPR
20	Licensed Shorthand Court Reporter Registered Professional Reporter
21	N.H. LCR No. 44 (RSA 310-A:173)
22	
23	
24	
	{SEC 2015-06}[Day 36 MORNING Session ONLY]{09-19-17}

# SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSROIN/LISE**SSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HE	ARING	1	I	September 19, 2017
	8:16;9:2;46:24;	aesthetics (1)	127:16;129:18	appointed (1)
r	64:20;66:13;75:22;	53:24	always (1)	87:1
[		affect (9)	66:11	
	- 76:13;128:13,23,24;			appointment (1)
[sic] (2)	129:2	6:20;20:22;39:1;	among (1)	45:15
9:3;59:23	accurately (2)	76:7,9;83:4;93:11;	105:15	approve (1)
	- 25:22;72:10	127:18;129:18	amount (2)	112:1
Α	acknowledge (3)	affecting (1)	45:16;51:2	approved (1)
	91:20;92:1;111:23	38:18	analysis (4)	110:16
A-16 (1)	acres (2)	afternoon (5)	32:14,17;54:1;	approves (1)
46:18	7:19,22	45:16,22;115:5,6;	121:15	110:16
A-2 (1)	across (7)	135:5	analyze (1)	Approximately (8)
10:3	17:10;31:4;79:17;	Again (22)	69:15	7:23,24;8:22;
A-20 (1)	91:22;94:15,22;	41:3;42:17;49:4;	anglers (1)	14:15;43:2;44:4;
61:4	95:16	59:8;65:1;68:14;	52:1	47:20;81:22
A-22 (1)	actions (1)	70:8;72:18;75:3;	announced (1)	arc (1)
63:22	112:1	78:3;79:3,20;81:14;	108:17	67:19
A-25 (1)	activities (2)	84:15;97:21;98:13;	annual (1)	archeological (1)
73:19	57:11;118:11	108:9,21;118:15;	112:11	71:16
A-28 (1)	activity (1)	120:9;126:8,24	answered (5)	area (34)
70:6	97:12	agency (1)	76:14;77:17,21;	9:24;10:3;13:23;
A-32 (1)	actual (1)	46:22	78:1;81:1	14:13;16:19;17:2,4,6,
80:2	99:12	agency's (1)	anticipate (2)	17,20;19:2,9;20:20;
A-33 (1)	actually (10)	75:3	123:15;126:15	27:12,15;30:10;34:8;
<b>A-35 (1)</b> 78:15	10:11;43:14;64:8,	ago (1)	anticipated (1)	35:1;39:2;42:6;
	22;77:20;79:15;	121:23	20:7	46:20;56:18;61:20,
A-8 (1)	112:23;114:1;	agree (34)	anymore (1)	22;72:21;73:14,21;
33:14	124:10;128:6	5:19;11:5;12:11,	54:23	78:24;79:17;90:16;
A-9 (2)	added (1)	15;16:9,23;49:8;	apologize (1)	94:9,18;95:6;120:10
21:22;31:11	66:11	51:10;57:2;63:5;	46:1	areas (10)
abandoned (1)	additional (11)	67:11;73:13;79:7;	APP (1)	5:17;17:11,23;
90:11	23:3,5,16,21;61:7,	83:6;89:2;90:13;	59:22	34:19;79:1;83:16;
ability (2)		92:24;93:16;102:22;		
38:8,15	17,21;62:3;65:3;		apparently (4)	90:22,22,23;119:6
able (8)	84:19;126:1	104:23;105:8;107:7;	59:17;98:11,13;	argue (2)
45:18;55:19;56:1,	address (10)	113:11;116:19;	132:19	101:20;111:19
3;85:18;124:6;	11:15;34:13;60:15;	117:5;119:4;120:15;	appear (5)	argued (1)
130:22,23	81:9,11;119:5;	121:2,5;122:11,17,	20:23;31:6;32:23;	124:6
abolish (1)	121:22;131:1,5;	22;128:12;130:14	65:18;82:2	argument (6)
109:11	133:23	agricultural (1)	appeared (2)	5:16;111:13,15;
abolished (4)	addressed (3)	19:13	33:3;129:22	112:4;124:13;125:15
109:8,21,23,24	5:1;35:16;100:13	agriculture (3)	appears (4)	argumentative (1)
above (5)	addresses (1)	33:13;34:1;93:12	27:1;32:2;73:15;	29:5
14:7,12;39:11;	84:24	ahead (2)	113:17	around (5)
50:6;91:23	addressing (1)	77:7;133:18	Appellant's (3)	30:4,24;48:12;
above-ground (1)	131:7	Allen (4)	59:22;81:24;91:8	67:22;118:13
14:19	adjacent (3)	10:6,11;11:9;94:7	appendix (8)	arrow (3)
absence (1)	43:19;44:5;76:10	Allenstown (1)	25:13,14;26:4;	68:11,15;89:4
45:22	adjourned (1)	30:20	31:11;59:23;81:24;	ascertain (2)
	135:4	allowed (1)	91:9;93:2	107:4;108:3
absolutely (2)	Administration (3)	133:4	Applicant (2)	ascertained (1)
30:19;112:4	64:2;70:23;76:17	almost (3)	13:20;100:6	99:20
abut (1)	Administration's (2)	22:9;82:14,20	Applicants (1)	assemble (1)
79:13	65:2;77:5	along (47)	89:10	110:24
access (1)	adopt (1)	6:15,17,20;7:7,10,	Applicant's (11)	asserting (1)
126:23	112:11	15;12:21;13:1,16,23;	12:20;21:23;25:13;	85:5
according (16)	advance (1)	15:19;16:18;19:11;	26:3;27:4;31:10;	assertion (2)
13:6;21:17;22:7;	108:16	30:15;36:3;39:1;	73:2;91:9,13;93:2;	117:11;118:13
28:22;31:12,21;				
46:20;49:1;50:21;	adverse (2)	43:21;55:12;57:11;	100:16	Assessment (11)
58:14;59:3;63:9;	6:9;81:13	63:18;64:12,16,18;	<b>Application (9)</b>	13:17;16:2,22;
72:13;73:6;82:19;	adversely (4)	65:4;66:3,13;72:20;	6:8;25:21;75:9;	25:18,20;28:4;33:8;
127:15	6:20;7:9;34:21;	74:3,6,13,17,21,23,	100:10,17,24;101:8,	41:19;52:20;59:5;
accuracy (1)	39:1	24;75:6,16;76:6,23;	10;106:8	83:1
129:10	advice (1)	78:5,22;80:22;89:9,	apply (1)	assessments (1)
accurate (11)	74:10	13;100:9;118:11;	61:22	82:7

### SEC DOCKET NO. 2015-06 NORTHERN PASS TRANSMAKSROWNELSESSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HEA	AKING
assets (1)	73:19;80:23;84:1,9
37:23	94:15;106:19;120:
assignment (2)	124:7,12;125:15;
87:18,22	126:9;127:1,4
associated (2)	backed (1)
76:3;134:3	36:9
assume (10)	background (2)
18:11;26:1;61:12;	119:21;120:11
62:5;63:3;103:2;	Baker (30)
123:10,11;126:19,22	86:5,7,10,11;
assumed (1)	96:12;97:1,10,19;
126:14	101:14,16,20,23;
assuming (1)	102:7,9;103:4,7,12
29:12	16;111:7,22;112:7,
assumption (2) 118:12;125:22	22;113:1,3,22;114: 7,10,13
attached (3)	Balsams (3)
63:19,22;64:20	43:5,8;44:19
attachment (1)	base (2)
27:5	19:3;29:7
attend (1)	based (8)
94:17	5:24;6:6;33:12,24;
attended (2)	81:11;102:12;
100:14;104:14	107:12;126:17
Attorney (1)	basis (1)
118:24	110:14
ATV (4)	Bates (1)
42:24;44:2;56:16;	91:11
57:12	<b>beach (1)</b> 78:24
<b>Auburn (1)</b> 85:1	Bear (1)
authority (5)	30:19
110:21;111:3,9,24;	become (1)
112:15	27:24
available (1)	becoming (1)
55:13	17:7
aware (62)	Beecher (5)
11:19;15:13;18:15,	11:10,11;93:23;
19,22;19:15,19; 23:20,23;24:2,11,14,	94:6;95:1 <b>behind (1)</b>
17,21;25:2;30:15;	95:9
39:22;40:2,5,9,13,15;	belabor (1)
42:6,7;47:4,7,9,16,	9:12
23;51:6,13;56:5;	believes (1)
58:11,13;59:19;60:3,	54:15
9;67:2;69:3;71:10,	below (1)
15,22;72:11;77:1,21;	67:14
80:10,20;81:2;83:2,	benchmark (1)
13;84:2,18;96:2,3; 102:15;103:20;	118:7 Besides (2)
104:13;105:2;	20:23;21:2
108:21;122:5,10;	best (1)
123:12	121:19
away (8)	<b>Big</b> (16)
42:16;43:11,15,16;	21:9,15,18;22:19;
44:5,7,11;53:11	24:1,21;25:7;58:8,1
D	21;59:6,13,18,24;
В	60:3,16 <b>biking (2</b> )
back (22)	15:16;83:10
22:15;41:10;43:17;	Bilodeau (1)
45:13;50:15;57:20;	19:16
59:10;70:3;72:8;	Bilodeaus' (1)

,9;	20:4
):2;	bit (2)
,	102:17;109:18
	bi-weekly (1)
	110:13
	blob (1)
	70:14
	blow-up (1)
	91:11
	blue (4)
;	72:14,16;76:24;
,	77:2
12,	Board (8)
7,9,	106:3,16;107:10;
4:3,	109:6,11;111:3;
,,,	112:14;113:13
	boards (13)
	34:3,5,17;35:7,18;
	36:4;37:18;39:4;
	100:19;110:3;123:7
	9;126:14
4;	boards' (1)
• •	38:2
	boat (1)
	24:15
	boating (2)
	24:12;83:11
	boats (1)
	25:4
	Bob (1)
	86:11
	bodies (6)
	21:8;53:10;65:21,
	22,23;100:9
	body (3)
	111:17,18;128:16
	Bond (1)
	56:20
	border (6)
	10:1;72:22;73:10,
	21;94:20;96:15
	both (13)
	22:8;24:11,14,21;
	38:1,2;44:1;59:1;
	62:23;63:5,8;79:18;
	99:7
	bottom (4)
	21:24;68:16;72:2;
	113:9
	bought (1)
	116:10
	boundaries (1)
	81:3
	Bow (1)
;	86:18
; ,15,	box (4)
;	13:12;16:4;19:17;
	39:14
	boxes (1)
	48:10
	Bradbury (1)
	114:22
	Bragg (8)

47:16,19:50:6,17; 51:13;53:11;56:12, 14 break (8) 9:13;45:4,6;85:4, 19;99:3;133:6;135:1 brief (1) 119:21 briefly (1) 99:20 Brook (1) 30:19 brown (1) 46:19 budget (3) 110:15,17;112:12 buffer (4) 31:7;32:12,18,24 build (2) 91:22;92:3 building (1) 34:9 buildings (5) 119:23,24;120:5; 121:10,12 built (14) 13:14,21;15:23; 25:16,24;40:24; 48:24;49:11;58:24; 62:21:82:13.19; 95:14:116:9 bunch (1) 96:18 Bunker (1) 33:15 buried (3) 118:24:119:2,7 Burns (1) 79:6 businesses (1) 126:2 С cabins (1) 25:4 call (2) 17:11;18:1 called (1) 123:10 calls (6) 4:24;20:10;28:14; 111:6;123:19;125:1 came (5) 64:1;99:3;114:3,4, 7 campground (1) 25:3 can (37) 5:6;26:13;29:24; 42:12,14;45:22; 61:16;64:24;65:8,12, 15;67:4;74:22;75:5;

78:2;83:24;85:18; 97:17;99:19;101:20; 102:7:103:10:107:4; 111:8,19,23;112:4, 10;113:21;119:9,21; 120:6;123:11; 124:15;125:4;127:3; 132:6 Canaan (6) 10:12,21,23;11:11; 34:19;95:17 Canada (3) 94:3:95:3.13 Canadian (5) 96:4,14,22;97:9,10 Candia (1) 84:24 canopy (2) 33:3,6 Cape (9) 66:21,24;67:24; 68:9,22;69:5,8,10,18 carefully (2) 64:15;84:7 carried (1) 128:8 carry (1) 126:5 case (7) 55:12:64:21:68:23: 75:17:76:8:120:17: 129:9 cases (3) 64:13;116:11; 118:3 catch (2) 52:2:56:2 cause (1) 55:9 caused (2) 55:17;113:12 certain (2) 52:23;68:11 certainly (2) 88:2;130:4 cetera (1) 121:13 Chair (1) 101:22 CHAIRMAN (46) 4:2,15;5:6;9:11,15; 29:9,23;31:18;45:5,9, 12,19;46:4,7;49:15; 53:19;54:12;78:2; 85:23;86:5,8;96:17, 24;97:8,16;101:14, 18;111:14;112:3; 114:14;123:20; 124:5,14,24;125:12; 127:6;131:3,20,24; 132:7,12,17,24; 133:8,11:134:24 Chalmers (10)

### SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION SESSION** ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

114:21:120:15; 122:1:127:21: 129:15:130:10; 131:13.15.16.21 Chalmers' (8) 119:5;127:23; 128:13;130:1;132:2; 133:22;134:2,13 chance (1) 85:7 change (9) 17:20:55:16.22; 69:19,20;93:3;121:7; 124:1;127:13 changed (5) 26:1;33:23;34:20, 21;109:17 changes (2) 54:9;123:17 character (1) 37:14 characteristic (1) 38:6 characterize (2) 17:15;32:22 characterized (1) 49:5 check (5) 11:7,21;85:18,18; 92:23 checked (1) 109:19 Chester (1) 85:1 chose (1) 71:1 clarified (1) 132:8 clarify (1) 132:6 Clarksville (21) 5:22;14:4,6,21,23; 18:5,23;19:9;21:5; 34:4;36:13;37:18; 91:15;92:4,10;95:18; 98:15;99:7;100:19; 109:4,14 clear (6) 6:8;9:8,10;45:17; 50:2;105:2 cleared (6) 61:2,5,16;62:1,2,4 clearing (3) 16:23;61:8,17 clearly (3) 100:22;111:15; 118:16 clerk (1) 102:20 clerks (1) 101:24 clients (3) 93:5,14;109:3

client's (1) 88:18 close (3) 19:1:68:24:98:3 closer (1) 44:17 closest (1) 134:15 cluster (1) 119:22 Colebrook (1) 35:11 Coleman (16) 21:13;22:21;23:1, 3,6,9,17,20,24;24:5; 25:2;26:5;28:19; 35:14;37:21;39:5 collected (1) 104:8 co-located (1) 88:6 color (2) 46:24:65:22 colored (4) 22:13;41:8;46:19; 83:7 coloring (3) 13:12;16:4,6 colors (5) 65:9,15,17,19; 84:12 column (1) 113:9 combination (2) 8:17:121:17 combined (1) 19:12 coming(2)94:2;123:13 commencing (1) 135:8 Comment (2) 105:7;117:20 commenting (1) 124:20 comments (3) 42:5;114:5;115:13 Commercial (13) 10:4;34:23;97:11; 98:3;114:19;119:16, 23,24;120:16,22,23; 121:16.21 **Commission** (5) 64:6;76:19;83:14, 23;84:3 **Commissioner** (1) 86:23 commissions (6) 87:5,6;99:22; 100:8:108:2.5 Committee (3) 100:5;110:17; 134:17

Committee's (2) 10:24:114:4 common (3) 19:2:57:10:90:6 communities (5) 34:7;37:8,22; 94:20:130:16 community (6) 5:13;37:23;74:20; 75:20;76:21;126:9 community's (3) 37:12,14;38:13 Company (1) 120:14 comparable (2) 62:20;63:14 compare (1) 6:5 compatibility (1) 117:22 completed (1) 69:23 complex (2) 72:21:75:2 composed (1) 122:10 concern (5) 83:15;84:3.6; 104:15;131:16 concerned (2) 35:15:134:9 concerns (5) 104:14:105:3: 108:10:122:11: 128:20 conclude (2) 36:19;122:15 conclusion (7) 4:24;63:16;111:6, 11:112:6:120:19; 122:1 conclusions (1) 129:13 conditions (2) 13:7;21:24 conduct (10) 13:17;16:2,21; 25:18;41:18;59:4; 82:6;83:1;128:7,8 conducted (5) 28:4;107:17; 129:20.23:130:18 conductors (1) 18:2 confusing (1) 49:21 confusion (1) 109:18 **Connecticut (2)** 8:10:14:6 connection (2) 28:7:101:10 **Conservation** (23)

83:14,23;84:3; 95:24:96:5.23:97:24: 98:10;114:18;116:2, 16.17.20:117:6.6.8. 12,13,15,19;118:6, 10,16 conservation-minded (1) 117:2 conserved (2) 30:9,12 consider (3) 23:24:69:7:134:17 consideration (1) 42:4 considerations (1) 126:12 considered (6) 6:15;17:24;69:11; 80:21;117:2;127:23 consistent (11) 20:3,16;28:8,24; 36:20:54:20:74:7: 92:9;97:5;105:10; 129:22 consists (2) 7:19,21 constant (1) 62:5 constitutes (2) 20:4,18 constituting (1) 71:4 constructed (5) 56:4:81:18:83:3: 94:11:120:3 construction (3) 38:7:93:1:118:4 contain (1) 84:11 contains (1) 60:24 cont'd (1) 4:6 contemplate (1) 125:16 context (7) 11:23,23;42:3; 53:24;56:15;111:13; 129:3 contiguous (1) 26:6 continue (5) 37:9:46:8:81:15, 16;94:11 continued (9) 6:20;30:5;55:13; 79:9;83:5;93:12; 125:15;127:11,18 continues (1) 15:7 converting (1) 121:12 Coos<sub>(3)</sub>

88:7:89:9,23 copv(2)105:23:107:19 corner (1) 91:12 cornerstone (1) 124:12 correspond (1) 128:22 corridor (44) 7:10;10:20;19:11; 20:19;22:22;43:22, 24;44:2,6;61:2; 63:18:64:12,16,19; 65:6,7;66:3,14,15; 72:20;74:3,14,18,23; 75:7;76:6,8,12,21,23; 78:5;79:14;80:22; 94:2;98:24;99:6; 114:20;116:8,12; 117:12:118:18; 122:21:123:3:127:17 corridor's (1) 61:5 cottages (1) 78:22 Council (16) 74:11:87:8:88:4; 100:1,4;105:11,15, 16:106:3:107:10.21; 108:11:112:19.24; 113:13:114:8 Council's (1) 108:24 Counsel (2) 71:18:78:10 count (3) 97:9,12;130:4 Country (26) 74:10:87:7:89:9: 90:10,14;91:4,16; 92:16:94:13,15:95:8; 100:1,3;105:11,14, 16;106:3,16;107:10, 21;108:11,24;112:19, 24;113:13;114:8 countryside (1) 93:3 couple (5) 45:14;58:10;88:14; 105:13:121:23 course (6) 30:20:65:5:74:12; 87:6;100:16;108:14 Court (1) 67:16 cover (7) 31:7;32:1,7,12,18, 24;37:4 covering (1) 59:12 create (1) 131:12

## SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSIONNELSE**SSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HEA	ARING			September 19, 2017
$a_{1}$	120.10.121.21.	110.5	dimentine (2)	22.9.74.14.75.11
created (1)	120:10;121:21;	118:5	directing (2)	33:8;74:14;75:11,
117:14	122:9,17;123:7,12;	designations (3)	104:19;111:3	12;106:18;108:22;
creating (1)	124:21	57:1,3,4	direction (2)	127:24;128:14,18
118:7	define (2)	despite (1)	68:11;79:9	donor (1)
critical (1)	34:7;37:21	63:23	directive (1)	97:24
11:24	defining (3)	destination (2)	104:19	dots (1)
cross (6)	96:15;97:11;98:5	40:17;71:24	directly (4)	13:3
8:10;43:24;89:3,	definitely (1)	destinations (3)	53:23;54:4;79:13;	doubling (2)
17;91:16;96:5	125:1	24:23;56:8;60:11	95:9	123:16;124:23
crosses (1)	degree (2)	detail (5)	Director (2)	doubt (1)
12:12	16:12;131:16	45:1;66:7;75:6;	87:2;107:16	11:16
<b>CROSS-EXAMINATION (3)</b>	deliberating (1)	108:12;129:4	Directors (3)	down (6)
4:6;86:9;115:3	124:20	detailed (2)	106:4,17;107:11	20:24;92:19;94:21;
crossing (6)	de-listed (2)	76:2,22	discuss (3)	99:9;131:3,4
9:22;12:6;14:1,2,	55:10,21	details (3)	32:18;44:23;56:13	dozens (1)
20;43:22	Delta (1)	96:1,7;130:15	discussed (4)	117:17
CS (14)	22:12	determination (1)	24:9;46:10;108:12;	<b>DRA</b> (1)
102:10;103:13,14,	demonstrated (1)	11:1	122:14	84:13
17;106:23;112:21,	116:22	determine (2)	discussion (5)	drive (1)
23;113:4,24,24,24;	dense (4)	32:12,14	23:3,17;73:16;	34:8
114:3,4,5	31:6;32:1,6,24	develop (2)	108:10;133:10	driving (2)
cultural (5)	density (1)	116:23;126:24	discussions (1)	18:1;121:18
34:18;37:11;71:12,	19:12	developed (2)	113:16	due (1)
14,16	Department (9)	106:15;109:9	disprove (1)	103:9
cumulative (2)	24:19;51:8,23;		118:9	duly (1)
		developing (1) 128:9		24:3
69:7,18	64:1;65:2;70:23;		dispute (2)	
curiosity (1)	76:17;77:4;86:24	development (29)	36:7;39:3	Dummer (38)
123:23	depends (1)	4:11,14,20,21;	distance (3)	19:2;57:14,17,24;
current (2)	124:2	5:10;6:10;7:4,5;20:3,	56:11;79:14;99:13	58:4,6,9,9,15,15,21,
92:10;108:17	depiction (4)	17;27:22;28:9,18,19,	distances (1)	22;59:6,7,13,13,18;
currently (11)	63:17;64:18;74:19;	23,24;29:21;35:10;	9:9	60:1,3,4,9,15,16,16,
13:7;15:18;17:19;	76:20	36:1;37:1;75:24;	distribution (9)	19;86:16;87:21;88:1,
21:19;40:20;48:2,5;	depicts (1)	99:17;116:13;119:2;	20:23;89:12,15,16,	1,7,17;90:8,12,16;
55:24;58:1;61:5;82:2	25:22	122:12,14,18;125:23;	20;90:3,24;91:5;	100:20;109:5,7,15
	depth (1)	126:20	92:15	during (5)
D	44:12	DeWan (7)	district (2)	9:13;49:7;55:4;
	Derry (1)	16:14;19:20;31:16;	94:21;119:19	73:17;99:2
Dalton (11)	85:1	59:3,18;81:23;91:10	districts (1)	
78:13,16,17;79:19,	describe (12)	DeWan's (16)	109:24	Ε
22;80:1;83:14,22;	7:15;31:3;42:18,	12:19;13:6;16:3;	Division (2)	
84:2,10,11	21,23;43:1;66:8;	21:17,22;22:7;31:12,	11:10;71:10	Earlier (3)
data (8)	74:13;75:6,16;90:19;	21;41:21;42:14;	Dixville (5)	85:4;104:21;109:2
64:1,3,5;74:11;	97:2	48:13;49:1;50:16;	39:8,10;40:11;	easement (10)
75:4;76:16;77:12;	described (11)	58:14;72:4;82:20	46:10,11	96:5;97:24;114:19;
128:21	6:7;7:6,7;22:23;	Diamond (25)	DNA (2)	115:9;117:8;118:24;
Dawn (2)	47:2;64:16;65:4;	21:9,10,12,15,18,	88:16;90:8	119:2,10,12;126:15
		18;22:19,19;24:1,17,	<i>,</i>	
66:16;70:4	66:5,6;70:20;78:5 describes (1)		<b>document (22)</b> 8:6,19;26:16;29:6,	easements (3)
day (5)		21,22;25:3,6,7,11,23;		95:24;96:23;
29:1;135:1,3,5,6	64:12	27:14,21;28:11;31:2,	7;38:1,4;68:13;80:8;	117:19
decided (1)	describing (2)	4,13,22;32:3	91:12;102:10,13,14,	east (6)
64:3	98:6,9	Diane (1)	17,19;103:19;104:17,	14:12;67:5;68:9,
decision (1)	description (8)	19:16	24;105:4;106:22;	21,23;94:24
5:14	18:7;19:8;32:21;	difference (4)	112:23;130:7	economy (5)
decisions (4)	44:13;66:12,13;76:5,	74:1;92:14,20;	documents (6)	33:11;34:8;35:19,
121:3;123:24;	22	99:12	23:22;99:23;100:3;	23;36:8
124:21;125:13	designated (9)	different (7)	107:8;114:1;131:22	effect (9)
decrease (1)	24:18;39:23;40:3,	49:21;54:16;94:17;	<b>DOE</b> (1)	6:9;38:21;69:18;
17:2	10;51:7,14;52:23;	97:5;114:23;121:6;	23:12	81:13;114:19;
deeper (1)	53:5;60:4	122:13	dominance (1)	129:14;131:8;
<b>_</b>				
48:19		diluted (1)	34:22	133:24:134:3
48:19 Deerfield (13)	designating (1)	<b>diluted</b> (1) 6:24		133:24;134:3 effects (5)
Deerfield (13)	<b>designating (1)</b> 53:1	6:24	Donald (1)	effects (5)
	designating (1)			

### SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSIONNELSE**SSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HEA	ARING	T		September 19, 2017
effort (4)	entirely (5)	37:19;117:17,24	42:6	86:20;87:12
75:13;115:8;	64:13;66:6;74:3;	except (2)	experts (2)	Family (9)
128:15,17	75:5;76:19	60:13;89:2	71:16;75:12	14:8,15;15:8,11,13,
efforts (1)	entity (1)	exclude (1)	expert's (1)	19;16:1,11,19
116:21	77:11	97:13	42:4	family's (1)
EIS (1)	entryways (1)	Excuse (2)	explain (2)	119:16
23:12	35:14	79:20;134:7	81:1;108:19	far (4)
either (5)	environmental (2)	executive (1)	explained (2)	33:7;38:21;94:20;
25:6;69:9;97:5;	73:17;86:24	107:15	11:21;129:23	130:23
133:22;134:13	envisioning (1)	Exhibit (18)	explanation (1)	farther-away (1)
Elaine (1)	123:14	12:20;21:23;25:14;	124:7	44:15
93:15	Eric (1)	26:3;27:5,6;31:10;	expressed (8)	fashion (1)
electric (2)	93:14	39:21;40:7;59:23;	83:15;84:3;100:23;	81:17
69:12;75:18	Errol (1)	73:2;81:24;83:24;	101:2,4;104:15;	fault (1)
eligible (1)	57:13	88:16;90:8;91:9;	105:3;128:20	112:19
71:13	errors (1)	93:2;102:11	expressing (1)	favorites (1)
eliminate (1)	128:16	exhibits (1)	102:2	88:13
109:12	especially (1)	103:5	extends (1)	feature (4)
ELMO (3) 49:24;66:17;102:8	90:15	exist (4)	8:21	67:15;68:22;69:5, 10
	essence (3)	30:2;32:2;36:1; 118:20	<b>extensively (1)</b> 131:21	
emerges (1) 15:3	34:6;63:12;131:15 established (5)	existed (2)	extent (5)	<b>features (4)</b> 43:19,21;65:12;
employee (1)	116:17;118:1,17,	118:3;125:21	58:12;76:6;108:9;	45.19,21,05.12, 66:9
115:18	20;129:6	existence (2)	127:18;129:19	February (1)
employees (1)	estate (4)	33:3;34:22	eye (1)	106:20
99:24	129:7;130:12;	existing (60)	120:2	federal (1)
employers (1)	131:7,10	5:17;7:10;13:6;	120.2	76:1
98:6	et (1)	21:24;22:2,5,6;	F	feel (4)
encumbered (1)	121:13	25:10;30:9,24;32:9;	-	52:6,11,14;108:7
119:12	Ethan (4)	38:18;41:11;48:14;	faces (1)	feelings (1)
encumbrance (1)	10:5,11;11:9;94:6	54:9;55:11;57:24;	68:11	107:12
119:11	evaluate (2)	58:14;60:23;61:15;	facilities (2)	feet (30)
end (5)	57:5;98:13	62:7;63:18;64:18;	10:5;94:9	16:17;18:6,20,23;
33:1;36:19;84:17;	Evaluation (2)	65:6;66:14;68:2,7,	facility (6)	19:1;28:10;47:20;
89:4;92:21	100:5;128:7	20;69:3,12,16,20,22;	10:15,19;11:18;	53:11;58:5;60:14;
endless (1)	even (3)	72:20;74:9;75:18;	12:4;95:7;120:13	61:5,13,15,16,17;
30:10	44:19;117:7;	76:8,12,21;78:4;	fact (14)	62:2,3,4,8,11,15,18,
engineers' (1)	126:18	79:15;81:11,23;82:8;	12:1;24:1;32:20;	18,23;63:6,8;89:21,
91:13	eventually (1)	83:4;84:9,22;90:20;	33:2,4;38:24;88:5;	22;90:1;119:24
enhance (1)	30:4	93:7,11;97:3,14;	94:14;95:21;105:6;	few (9)
17:3	Eversource (1)	114:20;115:21;	109:17;119:4;	31:2,5;32:23;
enjoy (1)	104:9	117:16;118:18,18;	124:12;126:11	49:16;66:19;80:23;
55:19	Eversource's (1)	121:17;122:21;124:1	factors (2)	92:6;105:12;119:15
enjoyment (2)	86:21	exists (3)	28:5;63:2	field (1)
52:21;53:24 enlarged (1)	everyone (1) 4:3	23:9;30:5;55:24	<b>Factory (4)</b> 10:6,11;11:10;95:9	75:12 <b>fifth (4)</b>
80:12	4.5 everyone's (1)	<b>expand (1)</b> 115:21	facts (1)	42:9,16;44:4,10
enlargement (1)	125:10	expanded (1)	6:7	file (2)
80:7	evidence (9)	30:12	fair (8)	119:19;120:10
enough (1)	28:14;93:10;	expansion (1)	28:20;29:8;44:14;	filed (1)
93:20	116:20;117:2,10;	30:9	53:15;57:7;93:20;	105:6
ensure (1)	118:9;126:16;	experience (3)	110:2;127:2	final (1)
84:6	131:17;133:21	53:16;102:24;	fairly (3)	128:10
enter (4)	evolve (2)	126:17	66:13;95:7;118:15	find (1)
14:5;20:8;39:8;	116:13;117:14	experiences (1)	Falls (5)	23:3
60:20	exact (1)	52:1	11:10,11;93:23;	findings (1)
entering (1)	91:2	expert (17)	94:6;95:1	129:21
58:4	exactly (3)	4:10,13;7:4;16:15;	familiar (11)	finish (1)
enters (2)	12:1;19:5;42:15	28:18,22;32:16;	66:21;70:8;80:9;	77:6
9:21;39:10	example (5)	35:17;38:20,23;41:3;	88:5,9,15;91:17;	Fire (2)
entire (4)	30:20;38:9;66:9;	48:8;49:4;59:9;	95:12,21;121:9;	50:8,24
5:14;6:13;38:15;	109:8;116:6	86:22;93:19;129:7	128:2	first (5)

82:14

examples (3)

familiarity (2)

expertise (1)

23:11;36:24;53:22;

#### SEC DOCKET NO. 2015-06 NORTHERN PASS TRANSMIKSROWNELSESSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

	11
57:22;115:7	
Fish (14)	fo
24:19;39:23;40:3; 51:8,14,21,23;52:2,	fo
22;53:2;55:8;56:1,3;	1
60:5	fo
<b>fisher (1)</b> 52:5	fe
fisheries (5)	-
51:15,18;53:4;	fo
55:3;57:7 <b>fishery (5)</b>	fe
40:4,10;53:1,5;	
55:15	fo
<b>fishing (13)</b> 15:14;24:12,23;	fo
40:16;51:24;52:24;	
55:14,19;56:8;57:10; 60:10;71:24;83:10	fo
fits (1)	fe
28:5	
<b>five (7)</b> 41:1,15;82:3;	fo
85:24;102:1;127:7;	
130:8	fı
<b>flag (1)</b> 94:6	F
flagged (1)	
96:13	fı
<b>focus (1)</b> 54:8	fı
focused (4)	
43:18;44:22;93:18; 108:23	fı
folks (1)	fı
45:20	_
<b>follow (1)</b> 92:6	F
followed (1)	fı
128:6	
<b>following (3)</b> 37:8;76:8,12	fı
follow-up (2)	
93:20;98:19 foot (1)	
61:2	
Forest (57)	
14:8,9,14,15;15:8, 11,13,20;16:1,11,19,	
24;19:11;35:22;	G
46:16,24;47:1;56:17;	
66:22,24;67:9;68:1, 10,22;69:5,10,18;	
70:22;78:16,19,20,	
23;79:3,18,21,21,22;	g
80:3,12,14;81:12,20; 82:2,4,9,14,21;83:2,	a
5,9,17;84:4;92:7;	g
93:22;94:10;98:19;	
116:19 forested (8)	
14:13;16:20;17:2,	g
7;20:20;43:4,23;	3
	1

98:12 oresters (1) 116:23 orestry (1) 93:12 orever (2) 34:20,21 form (2) 5:12;9:24 formal (1) 117:15 formed (4) 4:18;5:4,8;30:24 orth (1) 94:15 forward (1) 124:9 ound (3) 102:19;128:12,14 oundation (2) 37:12;38:12 our (7) 48:6.12:51:6.11: 56:24;65:19;86:12 rame (2) 126:10;127:3 **Franklin** (2) 5:18,19 riends (1) 87:20 ront (1) 99:16 **ull** (2) 42:3:118:1 ully (1) 83:2 **Furniture (2)** 10:6:11:9 urther (6) 34:17;80:6;85:21; 113:20;122:16;127:4 uture (14) 28:15;30:6,8,13; 54:10;114:20;121:3, 5;123:15;124:22; 126:15,21;127:12,13 G Game (13) 24:19:30:7.10: 39:24;40:3;51:8,14, 22,23;52:22;53:2; 55:8;60:5 (1) ave 95:22 eneral (11) 11:23;63:17;64:18; 74:19;76:20;117:20, 22;125:22;129:1,3; 131:10 eneralization (1) 61:20

Generally (5) 15:17:67:24:96:1: 110:3:128:4 given (6) 7:1:27:18,20; 75:14:96:6:125:10 glean (4) 64:24:65:9,12,15 gleaned (1) 19:6 gloss (1) 101:1 goes (6) 30:17;53:23;99:9; 110:17;125:15;127:1 **Good** (9) 4:2,9;45:4;74:9,22; 86:11;115:5,6; 116:24 governing (1) 100:9 governors (1) 87:1 grant (1) 95:22 gray (2) 46:20,23 Great (13) 24:24;40:17;56:8; 60:11:71:24:75:6: 86:13,20;87:13; 88:23:89:14:90:15: 93:4 green (3) 47:1;67:22;70:14 ground (3) 14:7,12:91:23 Group (1) 114:23 growth (4) 126:1,3,15,20 guarantee (1) 127:12 guessing (2) 30:7,11 guidance (1) 110:8 guides (1) 121:3 Η half-mile (1) 81:20 Hall (1) 9:24 Halls (7) 9:22;12:12,16,22; 13:1,16,23 Hampshire (24) 10:8;17:11:24:18; 35:24:37:1:39:23; 51:7,22;60:5;71:10;

76:17:77:4:86:23: 90:6.18:94:16:111:8: 117:14:120:17; 130:13.14:131:18: 134:1.6 handed (1) 129:9 hands-on (1) 87:12 Hanover (1) 94:21 happen (1) 125:17 happened (1) 103:3 happy (1) 9:17 Hard (2) 9:8:65:18 hardwire (2) 57:20;70:4 harvesting (1) 56:17 hashing (2) 73:7,10 head (2) 47:24;87:4 heard (2) 47:24;115:13 hearing (4) 45:8;86:3;123:1; 135:6 heavily (4) 14:13;17:2;20:19; 79:17 height (14) 18:6,20;19:2;62:8, 11,15,20,22,24;63:6, 9,14;89:20;123:16 heights (1) 63:2 help (3) 37:21;67:7;130:21 helpful (2) 54:24;74:15 hence (1) 120:12 Hereford (6) 94:24;95:10,17,23; 96:4;97:23 heritage (3) 37:12,24;38:13 high (1) 90:1 high-elevation (1) 67:9 higher (1) 67:19 highest (1) 111:24 Highly (1) 34:18 high-voltage (2)

119:10:131:8 highway (1) 67:8 highways (1) 89:13 hiking (1) 15:15 Hill (8) 26:9,14,18,19,21; 27:1,12,15 hire (1) 116:22 historic (4) 34:19;37:11; 119:19:120:10 historical (3) 33:22;71:11,16 historically (1) 34:24 history (1) 33:24 Hmm-hmm (2) 39:9;90:2 home (5) 19:19;36:5;116:9, 10;118:4 homes (6) 12:21,24;13:3; 19:15;34:10,14 honest (1) 128:19 **HONIGBERG** (41) 4:2,15:5:6:9:15: 29:9,23;31:18;45:5,9, 19:46:4,7:53:19: 54:12;78:2;85:23; 86:5;96:17,24;97:8, 16:101:14.18: 111:14:112:3: 114:14:123:20; 124:5,14,24;125:12; 127:6:131:3,24; 132:7,12,17,24; 133:8,11;134:24 horizontal (1) 89:3 Horn (9) 66:21,24;67:24; 68:10,22;69:5,8,10, 18 houses (3) 31:7:32:7:33:1 hundreds (1) 28:10 hunting (2) 15:15;57:10 I **IACOPINO (10)** 83:19;103:4,10,15; 112:22;113:2,21; 114:6,9,12

## SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSRONNELSE**SSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HEA	ARING		Γ	September 19, 2017
idea (2)	16:6;58:18	123:2	Lancaster (7)	lawyer (2)
	indicates (4)	introductory (1)	69:24;70:1;71:7;	92:7;93:22
75:15;124:22		•		<i>,</i>
identified (4)	50:20;59:15;65:23;	51:21	73:4,11,21;75:1	leading (2)
37:19;70:18;80:15;	77:22	intrusion (1)	land (89)	37:9;38:10
98:4	indication (1)	34:23	6:17,18;7:7,10;	learn (1)
identify (4)	76:9	investigation (1)	17:1;19:8,13;20:21;	99:5
80:17;103:10;	individual (6)	36:10	22:18;24:4;27:2,18,	least (1)
121:16,21	52:13;115:12;	involved (4)	20,23;30:3,8,9;34:13;	63:8
identifying (1)	130:11,12,15,16	23:22;88:1;115:7;	35:19;36:5;37:9;	Lebanon (1)
37:10	industrial (4)	125:23	38:11,18;43:18,23;	94:22
ignored (1)	10:5;12:13,17;	involvement (1)	44:15;46:16,19,21,	led (3)
44:16	120:23	123:12	23,24;47:1;53:9;	109:10;113:15;
illustrative (1)	industries (2)	issue (10)	54:8,9;55:11;57:8;	134:13
119:17	33:13;34:2	36:10;45:13;93:18;	63:18,24;64:8,12,16,	left (2)
imagine (2)	industry (1)	113:13,15;131:1,5,8,	18;65:4;66:2,13;	22:1;68:16
124:4;125:4	35:22	11,23	67:20;70:20,22;	legal (7)
impact (19)	information (18)	J	72:20;74:9,13,17,22;	4:24;111:6,10,12,
5:19;6:23,24;7:9;	18:13,16,18;19:4,	J	75:6,14,16,20;76:5,7,	15;112:4,6
13:17;16:22;25:18,	6;23:8,11,13;74:8,13;	• • •	10,23;78:4;79:12;	legend (13)
19;35:17;41:18;59:5;	75:14;100:7,15;	job (1)	80:21,24;81:8,14;	42:14;46:21;48:16;
83:16;97:4,4;120:21;	104:7,10;126:24;	108:3	84:9;86:12;93:11;	63:23;65:8,10,16,23;
122:3;131:2,6;	128:9;134:17	Josh (1)	96:6;97:3;98:15;	72:13;73:6;76:24;
134:12	informative (1)	93:14	104:1;116:12;117:7,	77:22;84:12
impacts (14)	128:18	judgment (4)	12,15,23;118:5,19;	legislative (2)
5:16;6:1,3,15,16;	infringing (1)	28:6;32:5,8;35:21	121:3,7,15,17;	111:17,18
32:10;35:15,16;	121:19	K	123:22;127:14,15	length (2)
38:20;69:7;122:12,	<b>inquire (1)</b> 55:8	K	landowner (2)	7:1;16:18
14;134:10,19		haan (2)	115:8;117:3	less (13)
implementation (1) 36:22	instances (5)	keep (2)	landowners (3)	16:20,20,24;17:7,7,
importance (2)	116:4,5,5;117:23; 118:22	9:14;45:14	114:17;115:12; 117:5	19;18:3;29:20;52:7, 12;70:16;75:19;
36:5;39:3	intend (2)	keeping (3)	lands (6)	81:20
important (8)	74:15;89:10	29:20;37:16;68:10	28:7;30:11;116:16,	letter (5)
10:22;11:1;34:18;	interested (2)	<b>kids (1)</b> 94:14	17;117:13;118:16	34:3;35:7;37:17;
35:1,23;37:24;75:22;	24:7;87:11	<b>kind (4)</b>	landscape (6)	38:2;109:1
108:7	interesting (1)	49:21;67:11;70:14;	71:13,14;88:17,23;	letters (1)
improvements (2)	128:18	113:16	89:9:91:16	130:8
84:19,21	interfere (7)	King (1)	landscapes (2)	level (2)
inaccurate (1)	5:21;7:9,11;36:21;	107:15	34:6,24	75:13;129:4
11:6	38:8,14,16	knowledge (1)	language (2)	light (6)
include (5)	interference (2)	118:1	50:9;51:1	46:19;51:5;72:14,
71:1;100:6;103:23;	4:19.21	known (4)	large (4)	16;82:24;83:8
104:11;106:7	interfering (1)	23:6;35:1;47:10;	72:21;73:13;95:22;	likely (2)
included (2)	119:2	86:13	109:23	122:13;126:5
87:7;100:24	international (2)	kV (6)	larger (4)	Lindsay (1)
includes (3)	10:1;12:6	58:1;60:24;62:7,	21:15;26:8;50:2;	120:14
26:9;28:19;78:22	interrupt (1)	10;122:19;134:10	70:14	line (49)
including (6)	134:7	10,122.17,1510	large-scale (1)	8:21;13:8,22;
10:5;33:17;65:13;	interrupts (1)	L	12:3	14:11;15:3,7;16:10,
83:17;93:4;106:14	67:16		largest (1)	17;17:17,18;20:8,14,
Incorporated (1)	Intervene (2)	label (1)	50:3	15;28:10;29:2,19,21;
12:3	83:14,24	81:3	last (7)	30:4;35:13;55:12;
incorrect (1)	intervenors (2)	labeled (1)	77:20;96:20;97:21;	58:1;61:1;62:10;
33:21	74:5,16	81:5	102:12;127:20;	63:11;68:2,5,5;69:8,
increased (1)	interview (1)	labels (1)	130:10,21	12,21,22;70:10;73:3;
125:24	100:18	49:20	later (3)	82:15;89:20,24;90:3;
indefinite (1)	interviews (2)	Lake (30)	102:17;109:1,10	94:2;95:2;98:22;
45:16	99:23;100:4	78:16,19,20,23;	lattice (2)	99:14;116:7,8,18;
independent (1)	into (9)	79:3,6,10,17,18,21,	91:20;92:2	118:21;122:19;
129:11	32:9;34:23;36:10;	21,22;80:3,6,12,14;	Lauzon (2)	134:4,5,10
Indian (4)	44:12;64:4;94:3;	81:12,15,21;82:2,4,9,	12:3,8	lines (23)
35:1,4;37:20;39:4	95:2,13;130:15	14,21;83:2,5,6,9,17;	lawn (1)	15:18;17:10,13,22,
indicate (2)	introduction (1)	84:4	90:22	23:20:24:21:19:30:2:

indicate (2)

introduction (1)

84:4

90:22

23;20:24;21:19;30:2;

### SEC DOCKET NO. 2015-06 NORTHERN PASS TRANSMIKSROWNCHSESSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HEA	ARING			September 19, 2017
40.01.48.0 (	6,6,11,12,02,6	20 1 21 5 22 22	00.11	
40:21;48:2,6;62:17,	6:6,11,13;23:6;	30:1;31:5;32:23;	99:11	mentioned (14)
19;63:5,13;89:5,12,	27:7;55:11;58:12;	90:17;91:3,6;94:8;	matter (1)	23:1;26:11;47:19;
15,16;91:1,5;125:20;	59:11;64:14;65:3;	116:4,5;117:23,24,	87:18	48:13;53:13,17;
131:9	72:19;74:12,24;	24;118:16,19;	may (37)	56:11;68:20;94:23;
list (9)	79:16;84:10,16;	125:20;126:11,17;	20:1;23:20;24:9;	102:1;105:13,15;
36:19,24;51:11,19;	99:18;108:1	130:1	29:13,13;33:9,9;	108:8;109:2
53:5;55:22;60:6;	looking (22)	map (91)	41:24;42:5;46:7;	mentioning (1)
114:24;131:13	8:13;11:8;16:3,9;	8:4,13,18;9:6,6;	49:15;54:19;61:20;	60:13
listed (6)	22:15;25:19;27:15;	12:24;13:6;15:6;	76:7;86:6;102:24,24;	mentions (2)
24:22;40:15;56:7;	33:5;41:11;50:15;	16:3,9,16;21:17,22;	103:20;107:2,9;	53:10;56:15
60:10;71:11,23	63:4,22;65:8;73:19;	22:7,12,15;26:13,15;	115:1;116:7,13,14,	methodology (3)
lists (1)	81:12,23;83:20,21;	27:4;41:5,10;42:2;	15,17;117:5;119:11;	43:18;128:2,5
57:1	84:1,9;104:1;121:17	46:18;47:17;48:13;	121:5;124:14;	Michael (1)
literature (2)	looks (5)	49:1,8;50:15,16,21;	125:17;126:6;	107:15
129:21,22	42:15;67:19;68:18;	58:14,20;59:6,8,10;	128:15,21,21;129:2;	microphone (2)
Little (26)	91:18;92:5	63:19,22,23;64:9,20;	134:7	4:5,15
21:9,12,18;22:19;	Loop (3)	65:1,3,8,9,11,17;	maybe (5)	middle (2)
	88:7;89:9,23		116:10;118:10;	67:12;70:15
24:1,17,22;25:3,6,11,		66:4,6;67:4;68:12;		
23;27:14,21;28:11;	lose (1)	70:7,19,21,24;72:3,4,	127:2;133:5,6	might (7)
47:10;58:9,15,21;	55:15	8,9,13,14,16,18,19;	Meadow (6)	29:20;30:8;38:16;
59:7,13;60:3,16;	lot (2)	73:9;74:10,21,24;	71:7,12,19,22;72:2,	54:24;102:19,22;
82:11;89:3;102:17;	28:5;63:1	76:20;77:5,9,10,14;	9	129:17
109:18	low (1)	79:3,5,8,9;80:2,3,11,	mean (4)	mile (10)
live (2)	19:12	15;81:6,23;82:8,20,	6:12;29:12;41:17;	42:9,16;43:3,11,15,
93:5;109:3	lower (1)	24;83:7;84:9,11,14,	65:17	16,24;44:5,7,10
lived (1)	70:15	15;119:18	meaning (1)	mileage (1)
36:13	lumber (1)	mapping (4)	52:1	9:3
local (9)	94:23	75:11,12;77:12;	meant (1)	mile-away (1)
20:23;29:6;37:8;	lumped (1)	84:16	61:12	44:22
89:19;100:7,8;103:1;	70:21	maps (23)	measurable (2)	miles (18)
131:2,6	lunch (1)	14:18;27:8;31:12,	120:21;122:2	8:21,22;9:3,7;10:7,
locate (1)	45:17	16,21;49:20;58:12;	measured (1)	15,19;12:5;14:15;
67:4		64:14;65:3;73:1;	42:11	17:12;57:17,22,23;
located (8)	Μ	74:2,4,15;75:10,22;	measurement (1)	85:14;91:22;94:1;
10:6;12:4;39:2;		76:12;77:3,23;80:17;	61:6	99:1,6
42:8;64:14;78:21;	M-12 (1)	81:2,4,6;121:18	measures (1)	mill (2)
81:7;119:16	91:9	map's (1)	8:22	98:4;121:12
location (3)	maintenance (1)	80:12	meet (1)	Millsfield (13)
11:23;43:3;74:20	34:9	Marcel (2)	110:13	46:12,15;47:5,7,
locations (1)	major (4)	12:2,8	meeting (8)	10;49:1,9;50:3;
13:15	94:8;98:6;124:12;	mark (1)	103:21;110:9,12,	51:18;56:6,20;57:9,
log (1)	128:15	83:24	18;112:1,11,13,16	13
12:3	majority (1)	marked (5)	meetings (8)	mind (1)
logging (2)	46:19	83:22;102:10;	100:14;104:6,14,	68:10
56:16;98:3	makes (3)	103:5,8;106:23	16;105:14;110:11;	minds (1)
Londonderry (2)	45:20;92:20;	market (1)	115:11,16	126:9
84:20;85:2	104:24	119:9	meets (1)	mind's (1)
Long (9)	making (1)	markets (5)	20:24	120:2
47:23;49:12;50:9,	124:20	130:12,13,16,17;	member (1)	minimized (3)
22,23;51:13;56:6,19;	managed (2)	131:7	89:17	5:17,19;6:2
125:21	43:5;44:15	marks (1)	Menard (27)	minimum (3)
longer (2)	management (4)	114:18	114:15,16;115:1,4;	23:2;62:23;63:6
52:16;55:5	37:10;38:11;	Martin (6)	120:6,8;123:20,21;	minor (1)
look (25)	116:20;117:1	71:7,12,19,22;72:2,	120:0,0,123:20,21, 124:10,17,18;125:2,	84:21
7:14;8:17;13:19;	manages (1)	9	3,14;127:6,9,10;	minus (3)
14:18;41:5,10;42:12,	51:23	master (5)	131:24;132:1,10,15,	61:2,10,12
14;72:8;75:15;80:2;		109:9;121:2,18;	23;133:1,3,7,12,14	minute (1)
	man-made (1)			97:2
91:15,17;93:8;99:2;	21:2	126:19,23	mention (14)	
100:11;107:3;	manufacturing (4)	material (1)	15:10;22:18,21;	minutes (5)
117:16;119:20;	33:12;34:1;94:8;	23:5	25:6;35:4;36:16;	45:14;85:24;104:5;
122:16;124:7,9;	95:7	materials (3)	38:2;42:18;53:12;	105:12;127:7
127:14,17;134:2	many (22)	13:20;47:15;75:8	56:19;71:19;78:19;	misunderstood (1)
looked (18)	17:9,13,23;25:10;	math (1)	96:8;104:24	124:15

## SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION, GISE**SSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HEA	AKING			September 19, 2017
mixed (2)		46:11;51:7,22;57:22;	5,9;131:18;133:23;	occurred (1)
				. ,
33:12;34:1	Ν	58:4;60:5;62:10,14;	134:11,18	106:8
moderate (4)		71:10;76:16;77:4;	Northumberland (7)	occurs (2)
31:6;32:1,6,24	name (5)	86:23;90:6,17;94:16;	66:20;67:2;73:4,	56:2,17
moment (1)	19:18;25:7;86:11;	111:8;117:14;	11,20,22;75:1	<b>Off</b> (5)
45:13	88:18;120:12	120:16;123:2,13;	Northumberland/Lancaster (1)	47:24;112:18;
monthly (1)	named (1)	130:12,13;131:18;	72:22	125:10;133:8,10
110:14	98:1	133:24;134:5	northwest (1)	offer (2)
Moose (6)	Nathan (20)	next (14)	12:5	17:9;119:9
47:10;50:11;51:3,	39:11,16,22;40:2,9,	15:6;21:5;46:11;	notable (1)	offered (2)
14;56:6,20	15,20;41:1,5,11,14;	57:13;61:7;78:12;	95:6	4:13;38:23
more (20)	42:9,18,23;44:1,4,5,	96:14;97:14;98:8;	Notch (1)	Office (2)
11:18;28:8,23;	13,23;45:1	114:5,16;115:24;	87:19	87:3;109:20
44:5,12;45:1;48:19;	natural (1)	120:7;125:16	note (3)	offices (2)
62:3;66:11;70:15;	37:10	nice (1)	98:14;113:7;	103:1;121:14
75:21;87:11;98:19;		81:14	117:22	often (2)
99:24;108:15;	nature (1)	nodding (1)	noted (2)	19:12;87:15
117:20;118:10;	17:4	132:10	24:3;33:16	Olson (4)
123:22;126:5;129:4	near (3)	non- (1)	notice (1)	88:18;90:7;93:15,
morning (5)	50:8,24;95:1	26:5	64:7	15
	nearby (4)	non-contiguous (3)	Nottingham (4)	
4:3,8,9;86:11;	42:21;66:8;95:6;			once (2)
135:3	98:7	27:9,19;28:21	119:18,22;121:22;	83:3;120:9
mosaic (6)	nearly (1)	None (1)	122:4	one (50)
46:22;65:3;70:8;	59:1	80:17	NPT (2)	4:20;6:2,5,19;
74:11;75:4,10	necessarily (2)	non-state (1)	117:12;130:7	11:18,19;18:19;
mosaics (1)	116:4;127:11	27:2	N-P-T (1)	19:15,17,21,23;
80:19	need (16)	nor (3)	130:8	21:12,15;27:7;28:24;
most (5)	8:17;11:7,21;	21:18;84:23;	number (6)	33:9;41:1,15;43:2,
19:1;22:13;35:9;	45:23;57:19;72:10;	130:13	36:2;62:5;85:9;	23;44:10;49:16;
59:12;83:6	76:12;80:6;107:2;	normal (1)	109:23;113:18;	50:24;53:6,17;55:2;
mostly (2)	110:8;112:16;	92:15	119:20	64:24;65:20;66:23;
113:8,10	122:15;126:6,7;	Normandeau (3)	numbered (1)	68:7;69:9;82:3;
Mount (7)	127:7;129:11	75:9;115:15,18	37:7	84:10;86:15,16;88:2,
71:5,12;95:9,17,	needed (1)	north (44)	numbers (1)	11,12,17;91:12;
23;96:3;97:23	61:21	14:3;19:2;22:21;	9:13	98:19;99:24;103:12,
mountain (6)	NEEDLEMAN (25)	40:17;56:8;60:11;	numerous (1)	13;106:19;109:19;
15:15;50:8,24;	4:23;9:16,17;20:9;	68:11,15;70:11;	81:6	114:5;126:11;129:9;
71:4;83:10;120:12	28:13;29:4,22;31:15;	71:24;74:10;79:6;	0	132:21
move (5)	45:10,11,24;52:18;	86:14,21;87:7,13,19;	0	online (2)
77:18;78:11;	53:20,21;77:16,24;	88:23;89:9,14;90:14,		105:7;107:22
115:24;122:7;133:17	82:17;96:10,21;	15;91:3,16;93:4;	object (1)	only (7)
Moving (3)	101:13;111:5,12;	94:13,14,24;95:8;	131:21	18:19;40:10;51:17;
69:24;84:17;	123:18;131:20;133:5	100:1,3;105:11,14,	Objection (17)	72:19;78:19;90:5;
118:23	needs (3)	16;106:3,16;107:10,	4:23;20:9;28:13;	94:1
mowed (1)	100:23;110:15;	21;108:11,23;112:19,	29:22;31:15;52:18;	open (2)
90:22	126:3	24;113:12;114:8	77:16,24;82:17;	15:14;90:22
much (5)	negative (1)	Northern (60)	96:10,19,22;101:13;	opinion (24)
16:18;33:9;44:16;	113:8	13:14,21;14:5;	111:5;123:18;	4:13,18;5:5,8,9,12,
67:22;129:4	neighborhood (5)	15:23;17:6;18:8,9,	132:14,20	24;6:1,23;7:8;11:4;
Mud (7)	12:11,13,17,17;	12;20:2,15;21:3;	observed (1)	12:16;16:16;17:22;
42:21;43:1,3,11;	13:9	22:8;25:16,24;26:8;	107:24	20:2;29:10,13;38:22,
44:3,6,23	neighboring (1)	31:13,23;32:4;38:7;	obtain (1)	23;57:4;75:21;76:11;
Multiple (4)	10:7	40:24;43:8;48:24;	115:8	119:9;132:5
18:16,18;54:7;80:7	Neil (2)	49:11;55:9,17;57:16;	obtained (2)	opinions (1)
municipal (5)	95:22;98:1	58:24;59:2;60:19;	107:20;114:1	129:13
94:19;99:21;105:2;	neither (2)	62:14,21;69:16;	obvious (3)	opportunities (1)
111:2;124:21	21:18;84:23	81:19;82:13,19,22;	33:5;66:1,3	119:3
municipalities (3)	nevertheless (1)	83:15;91:21;92:2,9;	<b>Obviously</b> (1)	opportunity (1)
7:15;77:3,23	64:11	102:21;104:20;	63:1	52:2
must (2)	New (35)	106:5,17;107:19;	occasionally (1)	oppose (4)
37:8,12	10:8;15:20;16:23;	111:2;113:8,14;	128:16	103:21;104:19;
	17:10;24:18;28:9;	115:7,20;120:20;	occur (3)	106:4;111:1
	35:24;36:24;39:7,23;	122:2;129:17;130:2,	61:8;84:19;102:5	opposed (1)
	1	1	1	l

### SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION NESS**SION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HEA	ARING	F		September 19, 2017
110.12	26.4.27.6.21.11	02.20.4.29.7.40.04	79-24	17 70 4
118:12	26:4;27:6;31:11;	23;32:4;38:7;40:24;	78:24	17;70:4
opposing (2)	33:14;37:4,7;46:18;	43:9;48:24;49:11;	picnicking (1)	plus (3)
107:18;113:14	59:22;63:22;70:15;	55:9,17;57:16;58:24;	83:10	61:1,10,12
order (1)	73:2,19;78:15;80:2;	59:2;60:19;62:14,21;	picture (2)	pm (1)
115:8	91:9;105:7	69:16;81:19;82:13,	120:7,11	135:5
orderly (19)	Pages (2)	19,22;91:21;92:3,9;	pictures (1)	PNGTS (2)
4:10,14,19,21;	12:20;37:6	102:22;104:20;	120:1	87:24;88:6
5:10;6:10;7:3,4;20:3,	panel (2)	106:5,17;107:19;	piece (1)	point (11)
17;27:22;28:8,18,18,	54:16;73:17	111:2;113:9,14;	89:4	11:22;26:13;30:13;
22,24;29:21;75:23;	Pappas (1)	115:7,20;120:20;	pinpoint (1)	52:20;80:14;90:5;
99:17	119:1	122:2;129:17;130:2,	72:11	91:2;103:6;118:14;
ordinance (1)	Parade (1)	5,9;131:18;133:23;	Pittsburg (35)	121:7;124:11
110:1	120:10	134:11,18	5:22;6:13;7:17,19,	pointed (1)
oriented (1)	paragraph (3)	passage (1)	24;8:15;9:1,7,22;	32:6
67:6	12:2;51:21;61:7	37:8	34:4,19;35:1;36:13;	pointing (2)
originally (1)	parallel (1)	Pass's (1)	37:18;38:8;85:6,11,	125:19;126:10
120:14	14:13	83:15	15;91:14,23;92:11;	points (3)
others (1)	parcel (1)	pastoral (1)	94:3;95:2,13,18;	53:22;68:16;88:10
114:10	118:5	34:23	98:15,23;99:7,8,13;	pole (1)
otherwise (3)	parcels (2)	Pause (3)	100:19;102:20;	123:16
38:11;45:23;122:6	64:23;116:14	46:2;49:17;50:14	109:5,9,13	poles (1)
out (11)	Park (53)	Pawtuckaway (2)	PK (1)	89:17
26:13;32:6;44:14;	21:13;22:21;23:1,	120:12,13	120:14	Pond (117)
45:13;109:22;120:2;	4,7,10,18,20,24;24:5;	pending (1)	place (15)	21:9,10,12,15,18,
125:19;126:11;	25:2;26:5,8,23;27:10,	132:20	6:5,22;30:15;34:8;	19;22:9,19,20;24:1,
128:8;129:11;133:6	24;28:11,20;29:1,20;	people (7)	37:13;38:3,5;61:18;	17,18,21,22;25:3,7,
outdoor (1)	30:18,19,22,23;	55:18;56:1;95:23;	115:17;116:8,18;	11,23;27:14,21;
43:4	35:14;37:21;39:5;	123:1;124:2,8,19	118:11,21;119:20;	28:12;31:2,4,13,22;
outlined (1)	67:9;69:24;70:7,9,9,	percent (10)	126:21	32:3;39:11,16,16,22,
128:5	18;71:5;72:3,12;	8:1,15,24;9:5;	placed (1)	23;40:2,9,15,20;41:1,
outreach (4)	78:16,20,23;79:4,11,	75:19;85:6,10,17;	97:24	6,11,14;42:7,9,18,22,
104:8;114:17;	12,16,17,21;80:15,	98:23;99:14	places (4)	23;43:1,3,11;44:1,3,
115:8,16	24;81:3,13,15;83:5,9;	percentage (1)	17:14,14;22:24;	4,5,6,13,17,23,23;
over (6)	84:4	9:9	38:17	45:2;47:7,10,11,16,
33:23;87:6;116:13;	parks (7)	performing (1)	plan (13)	20,23;49:9,12;50:3,3,
125:24;126:6;127:14	27:24;40:16;56:7;	87:17	36:24;37:1;38:9;	3,6,9,11,17,22,23;
overall (4)	60:10;71:23;80:17;	Perhaps (9)	91:22;105:17,21,23;	51:3,13,13,14;52:6,6,
43:17;128:16;	81:8	11:2,7;14:1;40:23;	106:3,14;108:24;	10,11,15,16;53:11;
129:13,13	Park's (2)	41:3;49:14;75:3;	109:9;121:2,18	55:4,5,13,15,18,20,
overhead (11)	24:23;28:7	82:6;117:4	planned (2)	22;56:6,6,6,13,14,15,
7:18;8:5,13,20;	part (25)	permitting (1)	92:8;116:19	20,20;57:2;58:6,9,9,
15:3;20:19;28:10;	6:2,4;11:11;12:21;	76:2	planner (1)	15,16,22;59:13,13,
31:3;39:7;46:12;	26:9;27:24;35:23;	person (2)	123:22	19;60:1,15;71:7,12,
57:22	37:24;43:5;49:11;	52:5;109:21	planning (20)	22;72:2,9
Overruled (1)	50:23;57:5,8;59:1;	personal (1)	29:6,6;38:1;64:6;	Pondicherry (1)
29:23	70:15;84:7;94:12,13;	45:12	69:14;76:18;87:3,5,	30:21
own (2)	95:5;96:12;97:23;	personally (1)	6;99:21;100:8;108:2,	ponds (30)
107:12;129:11	104:1;108:3;112:8;	115:14	4;109:6,11;123:1,7,9;	22:8,13,16;24:11,
owned (1)	132:4	perspective (2)	125:23;126:14	14;47:5;48:6,12,22;
19:16	particular (10)	33:22;133:21	plans (5)	49:21;51:6,7,11;
owner (2)	5:13;38:17;52:23;	Petition (2)	36:17,21;92:3;	52:23;53:3,12,14,17;
116:21;119:3	53:1,2,3,14,16;61:22;	83:13,23	126:19,23	55:9,14;56:24;58:19;
owners (2)	81:5	photo (2)	plan's (2)	59:1,7;60:4,4,9,16;
86:12;128:21	partly (1)	21:1;59:21	37:6,16	66:10;71:20
oxbows (1)	26:23	photograph (4)	plant (4)	Pontook (1)
9:24	parts (6)	89:6;90:7,14,21	93:24;94:7;95:1;	88:3
	16:11;29:1;30:17;	photographs (1)	96:13	popular (1)
Р	40:24;63:9;90:17	19:20	play (2)	30:22
	Pass (58)	photos (2)	37:9;38:10	population (1)
package (1)	13:14,21;14:5;	12:19;120:9	played (1)	17:20
91:10	15:23;17:6;18:8,9,	pick (1)	30:7	portion (8)
Page (19)	12;20:2,15;21:3;	127:3	please (5)	7:18,21;8:8;78:21;
10:3;21:22;25:14;	22:8;25:16,24;31:14,	picnic (1)	57:20;65:20;66:17,	88:6;96:3;98:22;99:6

## SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION, GISE**SSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HEA	ARING			September 19, 2017
	110.21.112.14	20.11.24.11.14.		126.22
portions (5)	110:21;112:14	32:11;34:11,14;	purple (26)	126:23
8:14;15:24;29:19;	principle (1)	35:11;36:1,2;88:18;	13:12;16:4,6;	ready (3)
92:3;95:18	69:14	120:16;121:5,16;	22:13,16;41:8,12;	4:3;46:5;115:2
positing (1)	prior (7)	127:19;129:18	48:17,19,22;49:9;	real (4)
28:16	40:7;41:10;87:3;	property (40)	50:16,18,23;51:4,5;	129:6;130:12;
position (3)	101:7;108:22;118:3;	86:13,14,15,16;	58:18,20,21;59:8,12,	131:7,10
107:11;108:4;	129:5	88:20;90:8,9,20;93:5,	15;82:9,24;83:7,8	really (3)
124:20	priority (1)	16;95:23;96:14,15;	purported (1)	17:21;74:1;75:13
positive (1)	37:13	97:15;98:4,8,9;	65:10	reason (4)
113:10	private (4)	114:19;116:21,23;	purports (1)	11:16;33:20;36:7;
post-construction (2)	32:11;90:10;	119:3,6,12,13,16;	77:14	123:15
129:16;134:14	119:11;121:20	120:3,22;121:20,22;	purposes (3)	reasonable (1)
potential (7)	Probably (14)	122:3;128:20;	77:8;97:11;119:17	54:18
6:16;20:21;32:10;	18:11;38:5;42:13,	129:14;131:19;	put (8)	rebuilt (1)
38:19;81:13;127:13;	17;44:8,9,12,24;45:1,	132:5;133:20,24;	39:4;64:4;97:6;	62:10
134:2	20;61:19;99:9;105:9;	134:3,10,12,19	103:8;106:21;	recall (19)
Potentially (9)	134:15	proponents (2)	112:17,20;130:20	13:11;23:14;47:12,
16:12,13;31:24;	procedures (1)	91:21;92:9	putting (1)	13;48:1;61:19,24;
41:16,17,23;71:13;	116:24	proposal (2)	101:1	72:24;73:16;91:24;
		108:17,23	101.1	
126:3;127:1	proceed (3)	,	0	92:21;94:3;97:20;
power (2)	86:6;97:17;115:1	proposed (23)	Q	98:24;106:2,18;
17:22;89:19	proceeding (2)	9:21;15:21;18:4,		108:9;121:23;129:2
practices (2)	84:8;86:22	22;19:9;30:16,16;	Quebec (2)	recently (2)
117:1,7	proceedings (4)	41:5;49:8;50:16;	12:8;95:24	71:11;109:17
practicing (1)	49:7,17;101:3;	56:12;60:13;68:24;	quickly (1)	Recess (2)
117:6	129:5	72:4;78:12;82:20;	86:17	45:7;86:2
pre-Application (1)	processing (1)	91:14;95:14;103:22;	quite (3)	recognize (2)
100:14	12:4	107:18;120:19;	87:23;89:8;102:12	105:1;106:23
preclude (1)	produced (3)	122:20;125:17	quotation (1)	recognized (1)
30:6	70:24;77:10;	proposing (1)	114:18	116:24
predates (3)	102:23	69:11	quote (12)	recommendation (1)
116:2,5;117:12	productive (1)	Prospect (2)	10:4;19:10;33:2;	37:17
predating (1)	45:21	71:5,12	34:5,17;35:12;36:20;	recommended (2)
117:19	professional (1)	protect (2)	51:22;60:22;63:17;	64:5;76:18
pre-existing (4)	116:22	27:21;38:11	78:20;92:21	recommends (1)
30:24;116:11,15,	Project (74)	protected (1)	quotes (1)	38:10
16	5:8,15,20,24;6:2,4,	30:3	92:20	record (5)
prefer (2)	6,9,11,13;7:1,8,10;	protection (1)	D	92:23;125:11;
132:21;133:17	10:20,23;12:24;	27:20	R	131:22;133:9,10
prefiled (4)	13:18;15:6;22:22;	protocols (1)		recreation (3)
24:8,10;128:10;	24:5;27:4;29:17;	128:7	radically (1)	23:13;43:4;53:9
134:20	36:20;38:14,24;	provide (4)	93:3	recreational (5)
prepared (4)	41:19;43:9;44:16,20;	51:24;74:19;	raised (1)	55:24;57:11;78:24;
64:7;91:19;92:1;	56:2,4;64:15;69:11,	129:15;131:17	84:6	81:10;83:16
132:13	13,22;71:15,17;73:1,	provided (5)	ramps (1)	red (3)
preserve (1)	9;74:20;76:4,7;81:4,	45:1;63:19;64:19;	24:15	19:17;48:10;89:4
30:23	17;82:7;83:3;84:19;	107:9;129:4	ran (1)	reference (1)
prevailing (15)	87:24;88:6;89:11;	provides (1)	24:5	130:2
7:7;24:4;35:19;	94:11;95:12;96:4;	76:20	range (1)	references (2)
53:9;57:8;65:4;66:2;	97:4;103:21;104:22;	providing (5)	18:5	23:17,21
74:22;75:16;76:5;	107:18;108:11,15;	11:4,22;32:20;	ranging (2)	referring (6)
78:4;80:21;121:6;	119:7;120:20;123:2,	42:2;77:11	61:9;62:17	10:15,17,17,19;
127:15,16	24;124:23;125:17;	proximity (2)	rather (2)	23:19;58:8
prevent (1)	126:18;127:17;	117:15;118:17	32:9;67:10	reflect (1)
32:2	129:17;130:11;	public (5)	Raymond (1)	129:17
previous (1)	131:2,6;132:5;134:4,	15:14;24:14;74:5,	85:1	regard (3)
22:15	18	16;90:11	read (9)	5:12;10:3;38:16
previously (1)	Project's (2)	Public's (1)	9:8;26:15;65:18;	regarding (5)
113:5	12:5;133:24	71:18	105:9;121:1;126:18;	53:8;127:20;
primarily (2)	prominent (4)	published (2)	128:10;129:10;	129:14;130:15;
108:23;131:9			100.00	124.10
	67:15;68:22;69:5,	104:5;105:17	130:23	134:18
primary (4)	10	purchased (1)	reading (4)	regards (1)
18:12;19:10;				

## SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION, GISE**SSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORT HEA	AKINO			September 17, 2017
	25.00	25.2 4.27.20.20.4	(4.2.(5.2.70.22)	26.10.21.2 4 12 22.
region (23)	35:22	35:2,4;37:20;39:4	64:2;65:2;70:23;	26:19;31:2,4,13,22;
4:22;5:10,21;6:10;	remember (4)	re-purposing (1)	76:17;77:5	90:10,11,15;119:19,
20:4,8,16,17;27:23;	19:5;54:22;58:10;	121:9	reverse (1)	22;121:22;122:4
28:9,19,23;35:20;	87:23	request (1)	118:22	roads (4)
86:13;94:12;95:5;	remote (15)	102:21	review (2)	17:23;56:16;91:3;
96:13,16;97:3,12;	39:16;40:3,10;	require (1)	24:3;74:3	92:16
98:5;99:17;126:4	44:17;51:15,18,24;	100:21	reviewed (14)	roadways (1)
regional (16)	52:7,12,24,24;53:6;	requirements (3)	6:17;19:4;23:12;	126:5
29:6;64:6;76:18;	55:2,15,21	76:3;111:13;	24:9;36:16;38:1;	role (3)
87:4,6;99:21;100:8;	removal (1)	127:16	42:4;47:15;78:4;	37:9;38:10;104:1
105:17,21,23;106:2;	61:21	requires (1)	84:7;100:15,16;	roughly (2)
108:2,4;130:13,17;	rendered (1)	76:4	104:7;107:22	62:20;63:14
131:6	7:3	reread (1)	reviewing (2)	route (15)
regions (1)	rendering (1)	124:15	29:17;107:4	7:6,8,15;8:1;9:21;
106:15	132:4	research (2)	·	
			reviews (7)	32:21;33:6;36:3;
regulations (1)	rent (1)	129:12;131:11	8:6,19;26:16;38:4;	44:1;64:15;67:5;
109:12	25:4	Reservoir (1)	68:13;80:8;102:14	99:9;118:12;121:19;
Reimers (42)	repair (1)	88:3	revised (1)	129:18
4:4,7,17;5:2,11;	34:10	residences (3)	108:15	<b>RSA</b> (1)
9:11,19,20;20:11,13;	repeat (2)	31:5;32:23;126:2	<b>Ride</b> (2)	99:16
28:15,17;29:14;	52:8:54:24	resident (1)	42:23;44:1	ruin (1)
30:14;31:19,20;45:3;	rephrase (4)	111:8	right (45)	35:13
46:5,6,9;49:15,18,23;	20:11;132:22;	residential (11)	7:12,13;8:9;9:22;	rule (1)
50:1;52:22;53:23;	133:1,12	13:9,24;19:12;	10:21,24;14:19,24;	101:11
54:14,18;55:1;57:19,	report (88)	35:10;36:2;93:13;	15:5,20;21:6,13;	rules (3)
21;66:16,18;67:18;	7:3;8:4;10:4,17;	116:15;121:13,14;	23:1;26:19;29:13;	97:1;100:5,21
70:3,5;77:18,19;	14:11;15:10;18:4,15;	131:9,10	45:5,9;47:21;50:11,	run (3)
78:7;82:18;83:21;	22:18,24;23:9,13,18,	residents (1)	12;57:17;62:15;68:7;	14:12;17:23;57:16
127:23	21;24:8,10;25:7;	88:2	70:19;71:5,8;72:14;	running (1)
relate (1)	31:10;32:17;33:4,14,	resolution (2)	77:7;78:8;80:1;	16:17
119:4	18,21;34:15;35:5;	106:17;108:21	83:20;92:23;96:13,	rural (13)
related (2)	36:16;42:19,20;43:2;	Resort (2)	20;99:2;101:6;	16:20;17:4,7,12,14,
104:10;108:22	44:21;46:18;47:19;	43:5,8	104:23;106:16;	15,17,19,23,24;18:1,
relates (8)	53:8,10,13;54:17;	resources (8)	108:3,19;110:2;	3;119:19
5:14;6:18;38:19;	56:11,19;57:5;58:8;	24:3;34:5;37:11,	112:6;114:14;	
54:4,10;64:23;76:4;	60:17,22;61:4;63:4,	20;38:12;71:11;	133:11;134:24	S
88:3	10,16;64:4,7,17;70:6,	84:16;88:4	right-of-way (72)	
relating (2)	20;71:1;74:14;75:24;	respect (3)	6:21;8:9,15;9:1;	sake (1)
88:2;102:21	77:13,15;78:6,15,20;	93:15;101:10,11	12:12;15:19,20;	5:16
relation (2)	80:21;84:23;85:5;	respond (1)	16:24;27:8;30:16,17;	same (8)
5:20;6:3	96:9;98:21;100:13;	112:10	31:1,3,8;32:8;33:1,	65:22;73:10;94:12;
relatively (1)	103:23;104:11,23;	response (3)	10;39:8,10,11;42:8,	95:5;97:14;113:23;
88:22	105:13;106:7;107:1,	54:21;102:12;	10;43:12,19;46:12,	114:22;122:1
relatives (1)	5;108:8,12,20;	127:22	15;47:21;56:12;	saver (1)
87:19	114:21;119:5;	responses (2)	57:23,24;58:5;60:14,	88:13
Relevance (1)	125:19;127:23;	113:8,10	20,24;61:9,15;62:2,4;	saw (3)
96:11	128:3,9,10;130:1,14;	responsibility (1)	65:5;67:14;68:3,5,6,	19:22;98:4;113:5
relied (3)	132:3;133:22;134:2,	132:3	20;69:1,4,13,17;74:6;	
				saying (4)
72:19;129:12;	13	rest (1)	75:17,18;78:13;	16:13,15;41:20;
132:2	Reporter (1)	27:1	79:15;81:12;83:4;	101:2
relocated (1)	67:16	result (5)	84:17;85:6,11,17;	scale (1)
63:11	reports (4)	4:20;16:19,24;	104:4;115:9,22;	65:18
rely (7)	106:12;115:13;	17:6;119:11	116:2;117:16,19;	scenario (1)
64:13;65:1;66:5;	129:16;134:21	results (4)	118:2,3,19;122:9,12,	44:9
75:5,9;76:19;84:15	represent (2)	107:20;108:8;	18;123:13	scenarios (1)
relying (4)	86:12;130:5	113:12,18	rights-of-way (2)	30:6
41:20;54:6;74:2;	represented (3)	resume (4)	5:18;69:9	scenic (2)
124:1	5:9;78:10;79:7	4:3;87:9;135:1,6	risk (1)	34:5,18
remain (1)	representing (2)	resumed (2)	37:14	school (1)
69:21	75:19;132:2	45:8;86:3	River (4)	94:21
		(1)	0.10.14.7.04.15.00	schools (2)
remaining (1)	represents (1)	return (1)	8:10;14:7;94:15,22	SCHOOIS (2)
<b>remaining (1)</b> 57:23	represents (1) 85:17	45:18		94:14,17
			8:10;14:7;94:15,22 <b>Road (16)</b> 12:12;13:1,16,23;	

### SEC DOCKET NO. 2015-06 NORTHERN PASS TRANSMISSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

49:20:88:12,13; 97:6:106:21.22 search (3) 129:21.23:130:6 seasonal (1) 78:22 **SEC** (11) 5:14:42:5:76:4; 77:8;84:7;87:24; 100:21:101:3:105:6; 127:16;129:5 second (10) 34:10,14;36:5; 49:16:54:3:97:7: 98:17;113:9;122:18; 123:2 seconds (1) 49:16 **SEC's** (1) 100:15 section (4) 26:8:78:16:122:8: 130:24 sections (6) 26:6;27:9,19; 28:22;53:8;122:10 seeing (2) 47:12,13 seeking (1) 115:21 seems (2) 97:12:132:20 segment (1) 35:12 select (11) 34:3,17;35:7,18; 36:4:37:17:39:4: 100:18;110:2;111:3; 112:14 selected (1) 51:23 sense (12) 30:23;34:7;37:13; 38:2,5;45:20;64:22; 66:12;74:22;116:21: 118:10;129:1 sentence (1) 85:5 September (1) 135:7 serve (4) 81:16;110:3;126:4, 6 served (1) 87:2 Services (2) 86:24;94:19 session (3) 112:13;135:4,5 set (1) 133:15 sets (1) 120:4

setting (3) 52:3.17:55:6 several (8) 12:21;47:4;53:21; 81:4;87:16,20; 103:20:104:14 shades (5) 48:17:49:9:50:17, 23;51:3 shall (1) 100:6 shared (1) 94:19 ShareFile (1) 103:9 shoreland (1) 78:23 short (1) 87:2 show (10) 9:6,6;21:23;63:24; 73:1;74:4;79:10; 81:3;82:8;120:1 showing (19) 11:9;12:19;25:13; 27:8;41:21;48:9; 51:10,17;56:5;59:11, 21;70:6;71:18;72:3; 91:8,12;103:5; 104:18:113:4 shown (18) 19:19:64:8.23: 65:9,10,15,19,21,22, 24:73:7.20:77:2.22. 23;79:5,8;93:1 shows (6) 11:8,15:12:24; 56:23;76:24;90:9 side (7) 8:9:69:4,9:72:10, 10;95:16;96:14 sight (1) 90:6 Signal (2) 50:8,24 significance (1) 111:19 significant (4) 6:23;21:8;56:17; 79:14 significantly (1) 108:15 similar (8) 5:3;62:22;81:17; 92:5;105:10;122:20, 24;123:3 similarly (1) 132:4 simple (1) 107:17 simply (14) 5:4;32:5;36:12; 55:11;56:15;65:1;

84:15:93:17:99:18; 110:12:111:22: 113:7;125:19;126:10 simulation (4) 21:2;59:18,22; 91:10 simulations (1) 19:20 sincere (1) 128:19 single (4) 60:24;89:16; 109:16.24 singled (1) 44:14 site (15) 11:9;18:8,10,12; 24:23;40:16;56:7; 60:10;71:23;100:5, 15;103:9;107:23,24; 114:5 sites (1) 108:1 size (2) 122:20;124:23 sketches (1) 91:13 slide (1) 52:9 sliver (2) 82:4,11 Slow (2)131:3.4 small (4) 17:2:36:2:51:2; 81:14 smaller (2) 21:12:90:4 snow (1) 20:24 **Snowmobile** (2) 43:24;44:2 snowmobiling (2) 15:15;57:12 Society (1) 98:20 Society's (4) 14:8,14;92:7;93:22 someday (1) 28:1someone (2) 116:9.10 sometimes (1) 11:17 somewhat (1) 90:3 soon (3) 14:7;39:10;58:4 sorry (10) 18:17:34:21:52:9; 57:19;67:17;83:19; 114:11:124:5; 125:12;131:5

sort (1) 33:8 sound (2) 69:14:117:6 sounds (2) 52:19:54:4 source (4) 18:13:64:5:74:7; 77:11 sources (5) 18:16,18;19:7; 74:12:75:15 south (9) 10:23:14:14:15:7; 24:5;43:3;44:3; 67:12;70:11;95:16 southeast (1) 43:23 southern (1) 78:21 southwest (3) 10:7,16,20 speak (3) 96:7;110:1;131:23 speaking (1) 128:4 speaks (1) 111:17 special (2) 53:3:112:16 specific (1) 54:23 specifically (5) 53:17:87:11:88:20: 100:12;105:1 speculate (6) 7:2;28:2;52:14; 93:17:125:6:126:8 speculation (4) 20:10:28:14; 123:19;125:1 speculative (1) 29:5 spends (1) 110:22 **SPNF (17)** 11:8;34:13;37:6; 39:21;40:7,8,19;47:9, 13,18;48:9;50:15; 51:10,17;56:5,23; 60:7 spoke (3) 104:13;107:15; 130:17 spoken (1) 111:18 spot (1) 43:4 square (1) 119:24 staff (2) 104:8;109:19 stamped (1)

91:11 stand (1) 85:16 standard (1) 7:11 standpoint (1) 116:14 stands (1) 58:1 Stark (17) 60:20,23;62:8,19; 63:14,16,19,23;64:9, 17,19;86:16;87:21, 23;88:7;100:20; 109:5 starkly (1) 35:8 start (1) 7:17 starting (1) 120:4 starts (1) 14:19 state (99) 7:18,24;10:4;12:2; 14:11;17:10,13;18:4; 19:10;21:13;22:21; 23:1,4,7,9,17,20,24; 24:5,22;25:2;26:5; 27:24:28:20:30:1.3. 18,19,21;31:5;32:2; 33:11:34:5.17:35:8. 14:37:1.21:39:5: 40:16:43:2.14:46:22: 56:7;57:1;60:10,22; 61:7;62:7;63:17; 64:17:66:21,24:67:9, 9:68:1,10,22;69:5,10, 18,24;70:7,9,18,23; 71:4,23;72:3,12; 74:11:75:3:76:1: 77:14;78:16,19,23; 79:3,11,12,21;80:15, 17,24;81:3,8,12,15; 83:5,9;84:4;87:3,4; 88:4;89:13;100:6,22; 116:1;125:20 stated (4) 23:15;44:24; 118:15;126:13 state-designated (1) 44:17 statement (15) 8:14,24;11:5; 32:22;33:15,17,21; 85:16;92:18;98:21; 113:13,16;117:18; 118:8,8 statements (1) 104:15 States (2) 9:21:51:22 statewide (2)

### SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION SESSION** ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

36:17;38:9 stating (1) 36:12 Station (1) 19:10 statute (1) 101:11 stepping (1) 43:17 **Stewartstown (22)** 5:22;10:8,14,22; 11:14,20;21:6,9; 34:4;35:11;36:14; 37:19;39:7;86:15; 91:15;92:4,11;98:16; 100:20;104:18; 109:5,15 Stewartstown's (1) 33:11 still (3) 17:24;55:18; 107:23 stocked (3) 55:12;56:2,4 Stream (12) 9:22,24;12:12,16, 22;13:1,16,23;35:2,4; 37:20:39:4 Strike (4) 48:4:63:12,15:84:1 stripes (2) 77:1.2 strong (1) 17:21structure (3) 63:2;91:18;123:16 structures (24) 13:8,22;16:7,10; 18:2;20:20;21:1; 22:2,6:40:21:41:2, 15;42:1;49:2;52:6, 11:55:3:82:4,15; 84:22;89:24;90:5; 91:21;93:8 studies (4) 120:17;129:9,16; 130:18 study (5) 120:16;130:11; 131:14,15,17 style (2) 122:20:123:16 Subcommittee (2) 74:5.16 subdivision (2) 109:12;130:18 subject (4) 96:5;97:22,23; 112:18 subjective (1) 107:12 subjects (1) 113:19

submission (1) 101:7 submit (1) 102:18 submitted (8) 25:20;26:2;75:8; 77:13,15;102:11; 106:9:109:1 subsequent (1) 116:9 Sugar (8) 26:9,14,18,19,21; 27:1,12,15 suggest (3) 33:7,20;122:5 suggested (1) 84:12 suggesting (1) 41:24 summary (1) 117:20 summer (1) 108:18 supplemental (2) 128:11;134:20 supported (1) 44:20 supporter (1) 44:16 supporting (1) 118:8 supports (2) 43:8:117:11 sure (15) 23:5,8,16;40:5; 48:8;52:13;54:1; 60:6;88:19;102:12; 107:23;111:20; 121:24;122:15; 128:14 surprise (2) 18:21;99:5 surprised (1) 84:5 surrounding (1) 34:24 survey (10) 107:14,17,20; 108:8,22;112:20; 113:4,12,17,18 sustain (1) 132:13 swimming (1) 83:9 switch (1) 57:20 Т tabulation (1) 113:18 talk (4) 43:21,22;134:9,11

talked (2) 93:24:112:17 talking (5) 33:22;52:19;68:6; 89:16:109:4 talks (1) 53:2 tall (2) 18:23;62:4 taller (1) 18:24 tallest (1) 63:9 ten (1) 85:24 ten-minute (1) 45:6 term (1) 121:9 terminology (1) 105:20 terms (5) 9:9;38:18;98:14; 117:22;118:7 testified (4) 31:16;54:6;128:12; 131:21 testifying (1) 4:10 testimony (13) 24:8,10:84:23; 85:10.13:106:10: 117:10:124:11; 128:11.11:129:24: 132:4;134:20 Thanks (1) 9:19 theoretical (8) 31:17;48:20;50:20; 56:23:58:19:59:11, 15;82:21 theoretically (11) 31:22;32:3;40:22, 23;41:2,14;48:3,4; 49:2,12;59:2 there'd (1) 117:17 thinking (1) 133:3 though (2) 117:7;122:23 thought (5) 11:14;29:11,15; 92:12.14 three (7) 22:24;35:7,18; 53:18;65:19;87:1; 120:4 throughout (9) 30:2:35:24:36:3: 38:15:53:13:89:14: 90:6;110:11;117:13 Thursday (1)

135:2 tied (1) 94:9 Tillotson (3) 95:22;96:6;98:1 timber (2) 12:4;33:13 timber-related (1) 34:2 timer (1) 68:18 times (5) 54:7;87:16;130:2, 8,9 tiny (1) 89:3 today (10) 5:3;6:19;17:11,14; 45:18;118:20; 122:14;123:24; 126:22;128:24 together (2) 29:2;45:21 told (1) 109:20 took (2) 18:9;119:18 top(2)47:24;120:11 topic (4) 6:18;115:24;122:7; 127:20 topics (2)6:19:114:24 topographical (1) 65:12 topography (1) 63:2 total (5) 57:16:98:23:99:14: 113:10,11 tourism (7) 34:9;35:10,24; 38:21,24;39:1;54:5 towards (1) 27:15 tower (4) 18:19;50:9;51:1; 91:20 towers (16) 13:15:17:3:18:5, 23:35:8:49:13:52:16: 59:24;62:7,10,14; 91:14;92:2,8,16;93:1 town (55) 4:20;8:23;11:19; 18:1;21:5;33:24; 38:15;46:11;57:13; 65:5;74:8;78:12,21; 83:16:90:12:95:17; 101:24;102:3,20; 103:1,21:104:6,9,17, 18,19;109:11,13,20,

22;110:1,9,9,12,15, 18,19,22,24;111:10, 17,18,24,24;112:2, 11.13.16:114:2.4: 121:18;123:13; 124:21:126:1.4 towns (13) 36:6:80:7:84:24; 88:10;93:4;100:20; 102:1;103:20,24; 109:2,3;110:3; 126:18 tracking (1) 104:9 traffic (1) 126:5 trail (3) 42:24;43:24;44:2 trails (1) 56:16 transcript (1) 130:20 Transition (1) 19:9 transitioning (1) 14:7 translated (1) 32:9 transmission (72) 8:21:13:8.22: 15:18:16:7,10,17: 17:3.10.13.16.18.22: 18:2:20:8,14,15; 21:19;28:10;29:2,18, 21;30:2,4;31:1; 35:13;40:21;48:2,5; 52:5,11,15:55:3; 61:1;62:17,19;63:13; 68:2,4,5;69:8,12,15, 17,21,22;70:10; 75:18:82:3.15:89:5. 24;91:1,5,14,18;93:8; 94:2;95:2;116:7,8; 120:20;125:20; 130:3,6;131:9,18; 133:23;134:4,5,12,18 traveler (1) 87:14 travels (1) 15:5 tree (8) 31:6;32:1,7,12,18, 24:33:3.6 trees (1) 20:24 trout (24) 24:18;39:16,23; 40:3,10;44:17;47:4; 51:7,15,18,24;52:24, 24;53:5;55:2,13,15, 18,20,22;56:2,4;57:7; 60:4 True (1)

### SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION NESS**SION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORI HEA	AKING			September 19, 2017
115:15	unknown (2)	uses (62)	vegetative (2)	voted (1)
				110:18
trust (1)	30:13;46:23	6:17,20;7:7,10;	61:8,21	
25:21	Unless (1)	13:9,24;19:8,11;	verify (4)	voters (4)
try (5)	112:16	20:22;22:19;28:15;	9:13;85:4;129:10,	110:19,24;112:1,
97:21;106:20;	unlikely (1)	30:8;34:14;35:19;	12	11
132:21,23;133:19	88:20	36:6;43:18;53:9;	Vermont (4)	votes (5)
trying (1)	unpaid (2)	55:11;60:15;63:18,	10:12,21;34:20;	103:21,24;104:5,9;
118:14	110:4,5	24;64:8,16,18,24;	94:16	105:10
turn (2)	unusual (1)	65:4;66:2,13;72:20;	version (1)	
66:17;105:11	95:7	74:17,23;75:6,16;	104:21	W
turned (1)	up (17)	76:5,7,10;78:5;	versus (2)	
109:22	13:14;26:5;36:10;	80:21;81:14;84:10;	53:4;54:9	Wagner (2)
two (25)	61:17;79:10;92:6,16;	92:10;93:11;94:10;	vicinity (1)	46:16,24
21:8;22:13;26:5;	97:6;99:2;103:8,13,	97:3,9,11,14;114:20;	14:1	waiting (1)
27:8,9,23;28:21;29:1,	13;112:17,20;	116:6,12;117:12,24;	Victoria's (1)	125:9
19;30:17;37:19;53:8;	119:20;127:7;130:20	118:19;121:5,7;	33:15	walk-in (1)
58:11;62:17,19;	updated (2)	124:1,2;127:13,15,	view (17)	39:16
63:13;69:8,15;86:14;	106:10,12	16,19;130:7	20:22;25:10,15,22;	wants (1)
87:4;109:10;118:23;	upgraded (1)	using (7)	27:14,21;31:13,22;	132:19
120:1;122:10;130:9	126:6	74:4,7,21;77:2;	36:8;55:3;82:15;	warranted (1)
type (1)	upon (2)	105:20;129:1,2	88:16,22;95:17;97:9;	75:13
102:18	72:19;119:13	usually (2)	120:13;128:17	Washburn (10)
typical (5)	upper (1)	110:13,17	viewing (1)	14:8,14,20;15:8,11,
88:22;89:8,19;	50:11	utility (8)	32:3	13,19,24;16:11,18
90:3,14	up-to-date (1)	65:6;118:2,3,18,18,	views (8)	water (7)
	74:9	24;119:10;126:3	35:13;36:12;88:9;	21:8;53:10;65:21,
$\mathbf{U}$	use (69)		99:20;100:7,22;	22,23;72:14;88:4
	6:18;24:4;30:5;	V	101:4;102:3	waters (1)
ultimate (2)	37:9;38:11,18;42:21;	-	viewshed (2)	51:24
111:9;112:14	43:1;44:15;46:21;	vacant (1)	20:5,18	way (5)
under (6)	49:24;52:20,23;53:2,	46:23	visibility (15)	6:15,17;68:16;
8:10;14:6,20;44:9;	3,14,23;54:9,9;55:4,	vacation (3)	16:7;22:5;31:17;	118:13;125:11
97:1;117:7	16,23,24;56:13;57:8,	34:10,14;36:5	32:18;48:17,20;	web (14)
underground (15)	12;64:12;69:12,19,	valid (1)	50:20;56:24;58:19;	11:8;18:8,9,12;
	20;70:20;74:9,13;	132:21	59:11,16;82:3,8,22;	
7:21;8:1,8,14,16,			93:19	24:23;40:16;56:7;
22;9:2,4,7;15:3;85:7,	75:14,14,20;76:23;	valuable (1)		60:10;71:23;100:15;
12;98:22;99:6,13	79:12;80:10,24;81:8,	35:9	visible (11)	107:22,24;108:1;
undergrounded (1)	10;83:2,5;89:10;	value (5)	13:8,15,22;15:24;	114:4
85:14	90:20;93:12;96:15;	119:6,9;120:21;	16:10;22:6;28:11;	Weeks (6)
undergrounding (1)	98:15;104:2;114:18,	122:3;133:21	35:9;48:3,6;59:24	69:24;70:7,18;
108:16	20;116:1,2,11;	values (10)	vision (2)	71:4;72:3,12
underlined (1)	117:11,18,23;121:3,	114:19;129:14;	121:3;124:22	well-known (1)
130:24	6,15,17;123:22;	131:10,19;132:5;	visit (1)	30:22
Underneath (1)	125:15,24;127:11,12,	133:24;134:3,10,12,	32:11	weren't (2)
15:2	14;128:24	19	visited (1)	54:2;74:6
understands (1)	used (18)	vantage (1)	91:4	west (5)
132:11	15:11,14;18:18;	88:10	visitor (1)	68:9,21;69:4;
Understood (2)	24:12;42:19;44:1;	variety (2)	87:13	70:10,12
13:19;85:20	74:11;75:4;76:1,16;	75:15;84:16	Visual (23)	wetland (1)
undertaken (1)	81:16;83:9;90:10;	various (7)	13:17;16:2,21;	72:21
107:14	123:4;128:2,23;	19:6;36:17;48:17;	25:18,19;32:10,16;	wetlands (15)
undeveloped (2)	130:8,9	49:9;50:17,22;88:10	33:8;35:15,16,17;	53:9;73:6,13,16,
27:2,19	user (3)	Varney (22)	38:20;41:3,18;48:8;	20;75:2,8,11,11,12,
	52:10,12,15	4:4,8;23:15;28:17;	49:4;52:19;59:5,9;	23;76:1,24;77:1,21
<b>undue (2)</b> 4:19,20			82:7;83:1;91:10;	what's (4)
	users (20)	45:12;46:3,10;49:19;		
unduly (2)	21:17;22:7;25:10,	53:7;54:5,7,13,20;	93:19	24:7;89:19;120:2;
5:21;7:11	16,23;31:12,21;32:2;	65:14;77:6;85:20;	visuals (1)	126:16
unfair (1)	40:20,24;41:14;	86:1;115:5;132:1;	33:5	Whereupon (2)
111:16	48:24;49:11;55:2;	133:6,15;134:7	volunteers (1)	86:2;135:3
unfortunately (1)	58:24;59:24;82:2,13,	Varney's (1)	110:6	whirl (1)
74:8	14,20	123:21	vote (4)	132:8
United (1)	user's (1)	vegetated (1)	104:18;106:4;	white (1)
9:21	53:16	79:17	108:10;111:1	77:2

## SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION, GISE**SSION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

ADJUDICATORY HE				September 19, 2017
Whitefield (4)	wrestling (1)		40:8;51:10;60:7	23rd (1)
78:10;79:18,22;	123:24	1	150 (2)	106:20
81:19	writing (7)	1	61:15;62:4	242 (2)
Whoa (2)	44:21;100:9,23;		150-foot (2)	40:7;51:17
		1 (11)		243 (1)
132:8,8	101:2,5;102:2;105:4	12:24;21:23;25:14;	60:23;61:9	
whole (4)	writings (1)	26:3;31:11;49:2;	16 (3)	47:9
5:9,24;6:6,12	100:11	59:23;75:19;81:24;	40:19;56:5;90:8	244 (1)
Who's (1)	written (6)	91:9;93:2	1600 (1)	47:13
111:9	33:4;44:13;53:7;		17:12	247 (1)
wide (3)	76:22;99:22;100:3	1,000 (2)	17 (7)	11:8
. ,		58:5;60:14		<b>248</b> (2)
60:23;61:15;	wrong (3)	1,760 (1)	18:22;25:14;26:4;	
115:20	16:14;35:18;36:4	47:20	59:23;81:24;91:9;	48:9;50:15
widen (1)	wrote (2)	1.5 (1)	93:2	249 (1)
115:9	80:20;92:19	14:15	1700-page (1)	56:23
wilderness (3)			130:7	25 (10)
52:2,17;55:5	Y	1/19/16 (1)	1760 (1)	8:1,15,24;9:5;85:6,
	<b>I</b>	83:23		
wildlife (1)		1:00 (1)	53:11	10,17;89:20;98:23;
30:23	yard (2)	45:15	18 (2)	99:14
Wilds (2)	12:3;94:24	10 (4)	43:24;44:2	27795 (1)
42:24;44:2	year (2)	13:15;61:9,12;62:3	1920s (2)	27:6
wishing (1)	110:9,11		122:12,21	27875 (1)
116:22	years (7)	10:06 (1)	1950s (2)	73:2
		45:7		
withdraw (2)	58:10;87:1;109:10;	10:30 (1)	122:13,18	27877 (1)
101:16,21	121:23;125:18;	45:8	1992 (1)	73:3
within (9)	127:1,2	100 (1)	109:10	28200 (1)
8:23;26:23;61:1;	yellow (6)	16:17		12:20
65:6;68:3;74:20;	8:5;13:3;16:3;		2	29 (1)
		<b>100-foot</b> (1)	4	
76:21;83:3;85:14	39:14;73:7,10	122:10	• ( •	113:11
Without (2)	yesterday (7)	101 (3)	2 (4)	
37:13;121:19	5:1,2;22:23;27:7;	106:23;113:24;	12:20;27:5,6;73:2	3
Witness (10)	118:24;127:22;	114:5	2.1 (2)	
8:6,19;9:13;26:16;	128:23		8:21;91:22	3 (4)
38:4;54:6;68:13;	120.25	102 (3)		10:7;19:10;67:5;
	7	112:21,23;113:4	2.8 (1)	
80:8;102:14;111:23	Z	105 (1)	9:3	99:10
witnesses (2)		18:6	2.9 (1)	3.1 (1)
54:1;102:16	zero (1)	11:25 (1)	57:23	7:21
wooded (1)	130:7	86:2	20 (3)	30 (2)
90:23	zone (1)		49:2,12;135:7	89:21;127:1
	109:16	11:44 (1)		
wooden (1)		86:3	2000 (1)	300 (1)
89:3	zoning (5)	110.5 (3)	37:1	16:17
Woods (13)	98:16;109:15,16,	62:11,18;63:8	201 (1)	35 (1)
24:24;40:17;56:9;	17,23	115 (6)	12:20	89:22
60:11;71:24;86:14,	,			
	0	58:1;60:24;62:7,	2010 (1)	359 (1)
21;87:13,14;88:24;	0	58:1;60:24;62:7, 10;122:19;134:10	<b>2010 (1)</b> 106:19	<b>359 (1)</b> 113:10
21;87:13,14;88:24; 89:14;90:15;93:4		58:1;60:24;62:7,	<b>2010 (1)</b> 106:19 <b>2011 (2)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5)	0.3 (3)	58:1;60:24;62:7, 10;122:19;134:10 12 (2)	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5
21;87:13,14;88:24; 89:14;90:15;93:4		58:1;60:24;62:7, 10;122:19;134:10 <b>12 (2)</b> 86:24;99:14	<b>2010 (1)</b> 106:19 <b>2011 (2)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23,	<b>0.3 (3)</b> 10:15,19;94:1	58:1;60:24;62:7, 10;122:19;134:10 <b>12 (2)</b> 86:24;99:14 <b>12:51 (1)</b>	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b>	58:1;60:24;62:7, 10;122:19;134:10 <b>12 (2)</b> 86:24;99:14 <b>12:51 (1)</b> 135:4	<b>2010</b> (1) 106:19 <b>2011</b> (2) 106:20;115:17 <b>2012</b> (1) 115:17	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2)	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14;	58:1;60:24;62:7, 10;122:19;134:10 <b>12 (2)</b> 86:24;99:14 <b>12:51 (1)</b> 135:4 <b>130 (2)</b>	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14;	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8)	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b>	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3)	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14;	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8)	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b> 22:12;41:5	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14;	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b> 22:12;41:5 <b>03 (1)</b>	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1)	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22;
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b> 22:12;41:5 <b>03 (1)</b> 41:10	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1)	0.3 (3) 10:15,19;94:1 0.7 (5) 8:22;9:3;85:14; 99:1,6 02 (2) 22:12;41:5 03 (1) 41:10 04 (3)	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1 14320 (1)	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1) 87:5	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b> 22:12;41:5 <b>03 (1)</b> 41:10 <b>04 (3)</b> 48:13;49:8;50:15	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7 <b>21 (1)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b> 119:24
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1) 87:5 working (4)	0.3 (3) 10:15,19;94:1 0.7 (5) 8:22;9:3;85:14; 99:1,6 02 (2) 22:12;41:5 03 (1) 41:10 04 (3)	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1 14320 (1) 91:11	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7 <b>21 (1)</b> 88:16	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1) 87:5	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b> 22:12;41:5 <b>03 (1)</b> 41:10 <b>04 (3)</b> 48:13;49:8;50:15	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1 14320 (1) 91:11 14364 (1)	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7 <b>21 (1)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b> 119:24
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1) 87:5 working (4) 94:10;107:8;	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b> 22:12;41:5 <b>03 (1)</b> 41:10 <b>04 (3)</b> 48:13;49:8;50:15 <b>05 (1)</b> 58:14	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1 14320 (1) 91:11 14364 (1) 25:14	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7 <b>21 (1)</b> 88:16 <b>23 (3)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b> 119:24 <b>41 (1)</b> 31:11
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1) 87:5 working (4) 94:10;107:8; 115:15;126:17	0.3 (3) 10:15,19;94:1 0.7 (5) 8:22;9:3;85:14; 99:1,6 02 (2) 22:12;41:5 03 (1) 41:10 04 (3) 48:13;49:8;50:15 05 (1) 58:14 08 (1)	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1 14320 (1) 91:11 14364 (1) 25:14 14365 (1)	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7 <b>21 (1)</b> 88:16 <b>23 (3)</b> 18:22;77:3,23	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b> 119:24 <b>41 (1)</b> 31:11 <b>43 (1)</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1) 87:5 working (4) 94:10;107:8; 115:15;126:17 worth (1)	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b> 22:12;41:5 <b>03 (1)</b> 41:10 <b>04 (3)</b> 48:13;49:8;50:15 <b>05 (1)</b> 58:14 <b>08 (1)</b> 72:4	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1 14320 (1) 91:11 14364 (1) 25:14 14365 (1) 26:4	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7 <b>21 (1)</b> 88:16 <b>23 (3)</b> 18:22;77:3,23 <b>231 (1)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b> 119:24 <b>41 (1)</b> 31:11 <b>43 (1)</b> 62:8
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1) 87:5 working (4) 94:10;107:8; 115:15;126:17 worth (1) 97:18	0.3 (3) 10:15,19;94:1 0.7 (5) 8:22;9:3;85:14; 99:1,6 02 (2) 22:12;41:5 03 (1) 41:10 04 (3) 48:13;49:8;50:15 05 (1) 58:14 08 (1) 72:4 09 (2)	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1 14320 (1) 91:11 14364 (1) 25:14 14365 (1)	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7 <b>21 (1)</b> 88:16 <b>23 (3)</b> 18:22;77:3,23 <b>231 (1)</b> 34:13	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b> 119:24 <b>41 (1)</b> 31:11 <b>43 (1)</b> 62:8 <b>44.5 (1)</b>
21;87:13,14;88:24; 89:14;90:15;93:4 word (5) 14:21,23;128:23, 24;130:6 words (2) 14:22;26:21 work (8) 41:21;54:8;75:23; 87:3,7;127:14; 128:13,17 worked (1) 87:5 working (4) 94:10;107:8; 115:15;126:17 worth (1)	<b>0.3 (3)</b> 10:15,19;94:1 <b>0.7 (5)</b> 8:22;9:3;85:14; 99:1,6 <b>02 (2)</b> 22:12;41:5 <b>03 (1)</b> 41:10 <b>04 (3)</b> 48:13;49:8;50:15 <b>05 (1)</b> 58:14 <b>08 (1)</b> 72:4	58:1;60:24;62:7, 10;122:19;134:10 12 (2) 86:24;99:14 12:51 (1) 135:4 130 (2) 62:15,18 140 (3) 61:5,16;62:2 140- (1) 61:1 14320 (1) 91:11 14364 (1) 25:14 14365 (1) 26:4	<b>2010 (1)</b> 106:19 <b>2011 (2)</b> 106:20;115:17 <b>2012 (1)</b> 115:17 <b>2014 (3)</b> 105:17;106:14; 108:24 <b>2015 (1)</b> 108:18 <b>2017 (1)</b> 135:7 <b>21 (1)</b> 88:16 <b>23 (3)</b> 18:22;77:3,23 <b>231 (1)</b>	<b>359 (1)</b> 113:10 <b>36 (2)</b> 135:3,5 <b>37 (1)</b> 135:6 <b>4</b> <b>40 (6)</b> 61:9,13,17;89:22; 90:1;127:2 <b>40,000 (1)</b> 119:24 <b>41 (1)</b> 31:11 <b>43 (1)</b> 62:8

### SEC DOCKET NO. 2015-06 NORTHERN PASS **TRANSMISSION NESS**SION ONLY/NO AFTERNOON SESSION ADJUDICATORY HEARING September 19, 2017

inducibilition indu		 	Sept
71:18 <b>45 (1)</b> 90:1			
5	-		
<b>50 (2)</b> 125:17;126:19 <b>50s (1)</b> 120:4 <b>56.5 (1)</b> 62:8	_		
6	_		
6 (3) 12:5;49:12;57:22 60s (1) 123:7 63 (2) 121:22;122:4 65 (2) 18:5,20			
7	_		
7 (1) 9:7 70 (4) 62:14,18,23;63:6 70s (1) 123:8 74.5 (2) 62:11,18			
8	_		
<b>8.9 (1)</b> 57:17 <b>80 (2)</b> 18:23;19:1 <b>89 (1)</b> 39:21			
9	-		
9:00 (1) 135:8 90 (1) 47:18 97 (4) 102:10;103:13; 113:24;114:3 99 (4) 103:14,17;113:24; 114:4			