ORIGINAL

STATE OF NEW HAMPSHIRE

SITE EVALUATION COMMITTEE

July 11, 2016 - 9:24 a.m. Public Utilities Commission 21 South Fruit Street Suite 10 Concord, New Hampshire

DAY 2 DELIBERATIONS

AUG 0 4 2016 NH PUBLIC

UTILITIES COMMISSION

IN RE: SEC DOCKET NO. 2015-05 SITE EVALUATION COMMITTEE: Joint Application of New England Power Company d/b/a National Grid and Public Service Company of New Hampshire d/b/a Eversource Energy for a Certificate of Site and Facility.

PRESENT:

SITE EVALUATION COMMITTEE:

F. Anne Ross, Esq. Public Utilities Commission (Presiding as Presiding Officer)

Cmsr. Kathryn Bailey Cmsr. Jeffrey Rose

Michele Roberge Patricia Weathersby Rachel Whitaker

Public Utilities Commission Dept. of Resources and Economic Development Dr. Richard Boisvert Dept. of Cultural Resources Division of Historical Res. Dept. of Environmental Serv. Public Member Alternate Public Member

Also Present for the SEC:

Michael J. Iacopino, Esq. (Brennan.. Pamela G. Monroe, SEC Administrator

COURT REPORTER: Susan J. Robidas, NH LCR 44

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PROCE DINGS

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2 PRESIDING OFFICER ROSS: Good morning. I would like to reopen the 3 deliberations in the Site Evaluation Docket 4 2015-05, Merrimack Valley Reliability Project. 5 And before we begin deliberations this morning, 6 7 I would like to consider a motion, a late-filed request for a site visit filed by Intervenor 8 Huard and objected to by the Applicant. 9 Ι think, as Presiding Officer, although it is 10 11 possible I could decide this motion on my own, I am going to ask the Committee to assist me in 12 that decision. And in order for us to think 13 about it, I think I'm going to ask the Movant, 14 15 Ms. Huard, to sort of give us her basic 16 argument on why, at this late stage, it would be useful to this docket and to the Committee 17 to see the areas, and then I will allow the 18 Applicant to respond. And I would also be 19 20 interested in hearing from Counsel for the 21 Public with regard to this somewhat unusual 22 request. And before we do that, are there 23 any other procedural items that we need to deal 24

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1 with? MR. IACOPINO: I think we should take 2 roll from the Committee and take appearances. 3 PRESIDING OFFICER ROSS: All right. 4 Committee members, if you would introduce 5 yourself, please, beginning over on the far 6 7 left -- I'm sorry -- my far right. MS. WEATHERSBY: Good morning. 8 Patricia Weathersby, public member. 9 10 CMSR. ROSE: Good morning. Jeff 11 Rose, Commissioner of the Department of Resources and Economic Development. 12 13 MS. ROBERGE: Michelle Roberge with 14 the New Hampshire Department of Environmental Services. 15 16 DR. BOISVERT: Richard Boisvert, 17 Deputy State Historic Preservation Officer, Division of Historical Resources. 18 19 CMSR. BAILEY: Kate Bailey, Public Utilities Commission. 20 PRESIDING OFFICER ROSS: Anne Ross, 21 22 Public Utilities Commission. 23 MS. WHITAKER: Rachel Whitaker, public member. 24

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1 PRESIDING OFFICER ROSS: And then, if 2 I may, appearances. MR. NEEDLEMAN: Barry Needleman from 3 McLane Middleton, representing the Joint 4 Applicants. 5 MR. ASLIN: Chris Aslin, Assistant 6 7 Attorney General, as Counsel for the Public. MS. HUARD: Peggy Huard, Intervenor. 8 PRESIDING OFFICER ROSS: Thank you. 9 Any other items we need to cover before we 10 11 begin? [No verbal response] 12 PRESIDING OFFICER ROSS: All right. 13 Ms. Huard, if you could. Is your mic on? 14 MS. HUARD: I think so. The light's 15 16 on. 17 PRESIDING OFFICER ROSS: You may need to be a little closer to it. 18 MS. HUARD: I don't think I can get 19 20 any closer. PRESIDING OFFICER ROSS: That's good. 21 22 MS. HUARD: I think it was a couple 23 weeks ago, or last week -- I've lost track of time -- but I had asked Ms. Monroe, in rounding 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

up all of the paperwork I had and going through 1 everything on the docket, I realized there had 2 never been a site visit done. And it had been 3 talked about early on in the proceedings. Ι 4 know I had lost track of it. So when I asked 5 Ms. Monroe, she had suggested to file the 6 7 motion, and so I did file the motion. 8 I have great concerns that a committee could possibly make a decision 9 without actually coming out and looking at a 10 11 I know as a CPA, when I file an opinion site. on an audit, I could never do so without 12 looking at the physical site. And I would 13 think it would be completely negligent of you 14 15 not to bother to come out and see physically 16 what the site looks like. I know in my motion 17 I've made that point. I continue -- as I vacation and 18 19 travel, I continue to see several areas, three 20 areas specifically that I named to you that 21 have self-weathering poles, which we had great 22 questions on -- or I had great questions on and there was conflicting information on. 23 The one closest to me is dark, as I would expect from 24

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the description that has been given to me, and the two other sites that I have noted do have a lighter rust appearance, looking as though they are not working properly. I'm not saying that they're not. But I would just request that the Site Evaluation Committee look at these three sites, since it is one of the issues of great concern, and consider it and ask questions. I think that pretty much covers it.

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There's several other points 10 11 that -- and I don't have my motion in front of But the points I made reiterate what I've 12 me. made through my entire comments and questions. 13 There are several statements that I feel are 14 15 false or exaggerated, and I've pointed them out 16 through the proceedings. And the pictures are 17 taken by the Applicant to show you what they want to see. And I really think you need to 18 come out and visit us among where we live and 19 20 see how close the houses are and see how the 21 MVRP doesn't leave place in between the last 22 pole on my road. My neighbor down near -- the 23 measurement between the last pole and her mailbox, which is on the other side of her 24

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driveway, is only 150 feet. 1 And then the other area that I 2 have noted throughout the proceedings was the 3 crossing over Howard Brook. And I think that 4 you need to physically look at it. I tried to 5 show you on a map, and I think you need to 6 7 physically look at it. 8 I think that's all I can recall, off the top of my head. 9 10 CMSR. BAILEY: Ms. Huard, do you have 11 any scientific evidence that the color of the poles will make any difference, other than 12 13 aesthetics? 14 MS. HUARD: I don't have any 15 scientific evidence, except for the literature 16 that I've read that shows that the curing would 17 be a darker color. That's not my area of expertise. I would think that would be for the 18 Committee to determine. They're contradicting 19 20 colors. And based on everything I've read, I 21 don't know if one is right or one is wrong or 22 it's just the different lots. So I just gave 23 That's just one part of the you three areas. 24 request --

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CMSR. BAILEY: Well, I can envision 1 different colored poles. I can see that. 2 Also, on the --3 MS. HUARD: They do look like they 4 have -- I'm not going right up to them because 5 of my experience with the high-voltage 6 7 transmission lines. But they do look like they have a heavy rust, and I wanted to bring it to 8 your attention. 9 CMSR. BAILEY: Thank you. 10 11 We have the picture that you sent us of the view from your driveway of the 12 transmission line. If we were standing in your 13 driveway, would we see anything different than 14 15 that? 16 MS. HUARD: Currently or after the 17 Project? CMSR. BAILEY: Yeah, currently. 18 MS. HUARD: You cannot -- there are 19 20 no brown self-weathering poles. 21 CMSR. BAILEY: Right. So we're only 22 going to see the existing transmission 23 structures and --MS. HUARD: From my driveway. 24 That {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

is correct.

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2 CMSR. BAILEY: Okay. Thank you. MS. HUARD: But you will see some of 3 the MVRP once it's done from my driveway, just 4 to be clear. 5 CMSR. BAILEY: I understand that. 6 7 MS. HUARD: Okay. 8 CMSR. BAILEY: But we can't see that 9 today. So if we go out and stand in your driveway, we're not going to see anything more 10 11 than what you showed us in the picture. MS. HUARD: I'm not asking you to 12 stand in my driveway. The Site Evaluation 13 14 Committee -- I was requesting that you go to 15 the crossing, which is at the road -- the 16 crossing itself, which you will see the point 17 of demarcation and you will see the whole ROW. You can see guite a bite of the ROW from --18 19 CMSR. BAILEY: The right-of-way? 20 MS. HUARD: Right-of-way, yes, from 21 the David Drive crossing. You can see all the 22 way up to Lenny Lane from the David Drive 23 crossing. 24 CMSR. BAILEY: Okay.

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MS. HUARD: So it gives you a good 1 picture of what's there and what they've done, 2 because you will also see that they did sneak 3 in a brown self-weathering pole during routine 4 work this winter. 5 CMSR. BAILEY: Thank you. 6 7 PRESIDING OFFICER ROSS: Any other questions from the Committee before we hear 8 from the Applicant on the motion? 9 [No verbal response] 10 11 MR. IACOPINO: Ms. Huard, just for some -- you didn't have your motion with you. 12 You asked in your motion that the Committee go 13 14 to see an amount of space between Pole 85 on 15 David Drive and the abutting home at 24 David. 16 That's not your home; right? 17 MS. HUARD: No, that is the one I mentioned that has 125 feet between the last 18 19 pole and their mailbox. MR. IACOPINO: And how far is that 20 21 from the next item you have in your motion, 22 which is the areas along the right-of-way, the 23 Robinson Pond watershed from David Drive to Lenny Lane, Breakneck Road? 24

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14 MS. HUARD: Well, that's just part of 1 it. 2 MR. IACOPINO: That would all be one 3 site, or would we have to go out into the 4 right-of-way and hike around? 5 MS. HUARD: You would probably have 6 7 to go into the right-of-way and hike around for some of this. Although, you could just visit 8 the various road crossings, the one on David 9 Drive and then the one over on Kienia and 10 11 Breakneck and look at them, and you will see quite a bit. From David Drive, you will see 12 all the way to Lenny. If you go -- if you went 13 to the Lenny/Breakneck/Kienia area, they all 14 15 come together. You would actually see down the other side, and you would see Howard Brook. 16 17 MR. IACOPINO: And how far are those two areas from each other in terms of miles? 18 19 MS. HUARD: Driving-wise, from one 20 crossing to the other? 21 MR. IACOPINO: Yes. 22 MS. HUARD: About five minutes. 23 MR. IACOPINO: You also mention the 24 Route 93 crossing. Are you saying to look at {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

the structures from Route 93, or is there --1 I was making a 2 MS. HUARD: These are the observations I made. suggestion. 3 They are continuing to raise questions in my 4 5 mind. They add to my questions --MR. IACOPINO: I'm not looking for 6 you to argue your case here. I'm just looking 7 for -- in terms of what you're asking for, are 8 you looking for the Committee to take a site 9 10 visit and stop on Route 93 and look from there, 11 or is there a different place --MS. HUARD: No, that would be --12 (Court Reporter interrupts.) 13 MR. IACOPINO: 14 Or is there a 15 different place you're suggesting they go? 16 MS. HUARD: I can see them from the 17 crossing. So that was what I would suggest. Τ don't know what else you would have to do to 18 satisfy yourself. But I can see these brown 19 20 self-weathering poles from these crossings. 21 MR. IACOPINO: And the crossing at 22 140 Derry Road, Hudson, New Hampshire, that you 23 reference, is that near the Breakneck, Kienia --24

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1 MS. HUARD: It is not. It's just 2 another area in Hudson that had placed -- that the Applicant had placed the brown 3 self-weathering poles without -- maybe a 4 15-minute drive. 5 MR. IACOPINO: Okay. And then the 6 7 last one, Robinson Road crossing, at 20 Robinson Road, where is that in relation to the 8 other sites? 9 10 MS. HUARD: That is about five 11 minutes from David Drive and Lenny Lane. MR. IACOPINO: Is that visible -- I'm 12 13 sorry. And that also would be 14 MS. HUARD: 15 part of -- or give you an insight of the 16 Robinson Pond watershed. MR. IACOPINO: Would that be visible 17 from the area we discussed before, where Lenny 18 Lane, Breakneck and Kienia cross? 19 20 MS. HUARD: No, because it actually 21 breaks off from that right-of-way. But you 22 cannot -- you can see -- you can't. 23 MR. IACOPINO: Okay. Thank you. 24 PRESIDING OFFICER ROSS: Any other {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

questions for the Movant? 1 2 [No verbal response] PRESIDING OFFICER ROSS: All right. 3 The Applicant -- I'm not sure whether I ask 4 Public Counsel or the Applicant to come next. 5 Do you have a preference? The Applicant. 6 7 MR. NEEDLEMAN: I'm happy to go. 8 Thank you, Madam Chair, members of the Committee. 9 Several points I'd like you to 10 11 have in mind as you consider this. First of all, at the conclusion of the hearing, I 12 believe you closed the record pursuant to your 13 Regulation 202.27. You do have the authority 14 15 to reopen the record under your regulations. 16 I'm looking at 202.28 -- or actually, I'm 17 sorry. You have the authority to reopen under 202.27. That requires a written request from a 18 19 party, which I think maybe arguably what Ms. 20 Huard filed could be construed as such, though 21 I'm not even sure that's the case. But to 22 reopen the record, it's for the purpose of 23 receiving relevant material and non-duplicative testimony. And I think that it can certainly 24

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be argued that nothing that Ms. Huard is asking 1 for here is something new and non-duplicative. 2 It's a different variation of all of the 3 arguments that she has already made to this 4 5 point. Second of all, with respect to 6 7 the issue of site inspections, those are 8 governed in your regulations under 202.13. And the regulations there say that the Subcommittee 9 or Public Counsel, or a party on motion may 10 11 request a site visit. And it's up to the Subcommittee in its discretion to determine 12

14 This docket has been going on 15 for quite some time. I believe that Ms. Huard 16 was granted intervenor status in November, and 17 at any point since November she could have requested a site visit, and you could have 18 considered that and determined at some point 19 20 whether it would have been helpful to you while 21 the record was open. The fact that this 22 request has come so late I think is not only 23 unusual, but I would argue at this point is fundamentally unfair to the Applicants. 24

whether one is helpful.

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1 This is a reliability project. This is a project that, as you've heard, is 2 needed and needs to move forward. And I would 3 suggest that there actually was a really good 4 chance that your deliberations could have been 5 completed several weeks ago. We could have had 6 7 a decision and we could have been moving forward with preparations to start work on this 8 project if you decided to issue the 9 10 certificate. We've lost several weeks. And at 11 this point, if you now schedule a site visit, 12 you'll have to suspend these proceedings today. You'll have to find a time to go out and have 13 that visit, and then you'll have to schedule a 14 15 time for new proceedings, and significant 16 additional time will be lost. 17 So, for all these reasons, we oppose this motion at this point and ask that 18 19 you deny it. PRESIDING OFFICER ROSS: 20 Any 21 questions for the Applicant? 22 MR. IACOPINO: Mr. Needleman, you 23 recognize that pursuant to the rule, Section 202.13, the Committee can take a site visit on 24

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1 its own motion? 2 MR. NEEDLEMAN: Yes. MR. IACOPINO: 3 Do you have any -- as far as the places that Ms. Huard has asked for 4 the Committee to visit, do you have any 5 different information with respect to the 6 7 relative locations of those places and how long it would take for such a site visit to occur, 8 other than what she explained to me? 9 MR. NEEDLEMAN: I haven't considered 10 11 it specifically. My assumption is that this would be similar to other similar cases, and 12 you could probably accomplish that visit in a 13 14 day or less. 15 MR. IACOPINO: But you don't dispute 16 the distance between the places that Ms. Huard has indicated. 17 MR. NEEDLEMAN: I don't dispute or 18 19 agree with them. I just haven't looked at them 20 for purposes of this discussion. 21 MR. IACOPINO: I don't have any other 22 questions. 23 PRESIDING OFFICER ROSS: All right. Counsel for the Public. 24

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MR. ASLIN: Thank you. Good morning. 1 As Counsel for the Public, I did not take a 2 position on this motion directly, but I will 3 make a few comments. 4 I would agree that it is highly 5 unusual to file at this late date. We've had a 6 7 long period of time in which this could have 8 been requested earlier. I guess I would agree that a site visit would necessarily result in 9 some further delay in this docket, and being a 10 11 reliability project, that does have some impact. That said, I think it is a question 12 that is up to the Committee's discretion to 13 14 decide whether this would be helpful to them in 15 making their decision. I believe the primary 16 issues raised by Ms. Huard that the site visit 17 could address is really aesthetics and, perhaps to a slight degree, the environmental issues 18 19 surrounding self-weathering poles. The 20 aesthetic impacts are those that relate 21 specifically to private properties, not to 22 scenic resources, as I understand the locations 23 that have been requested. And so that is a factor that the Committee should be 24

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considering, although it is a lesser factor 1 than the scenic resources under the rules and 2 statute. 3 With that in mind, I think if 4 the Committee feels it has sufficient 5 information in the record already, then a site 6 7 visit would not be necessary. But at the same time, the Committee certainly has the 8 discretion to do a site visit if that would be 9 helpful in making your decision. 10 11 PRESIDING OFFICER ROSS: Go ahead. CMSR. BAILEY: Mr. Aslin, have you 12 been to the site? 13 14 MR. ASLIN: I have passed portions of 15 the site, but I haven't done a full traverse of 16 the whole project. 17 CMSR. BAILEY: Have you viewed this neighborhood? 18 I have not viewed the 19 MR. ASLIN: 20 specific location that's been requested, other 21 than through the images that have been 22 submitted in the record and off of other online 23 sources. 24 CMSR. BAILEY: Okay. Thank you.

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PRESIDING OFFICER ROSS: Any other 1 2 questions from the Committee? [No verbal response] 3 PRESIDING OFFICER ROSS: All right. 4 I think we are ready for the Committee to 5 deliberate on the arguments that we've heard, 6 7 so I welcome any discussion from the group. Go 8 ahead. DR. BOISVERT: I'm inclined at this 9 point not to support the request for the site 10 11 visit. Ms. Huard made reference to her profession as a certified public accountant, 12 that she felt the need to do on-site visits and 13 14 so forth. In my profession, which includes 15 evaluating many projects that occur in the 16 state of New Hampshire, as to whether or not 17 they need to have archeological investigation on them, we would routinely look at the 18 information submitted by the Applicants, look 19 20 at our maps and use our experience in the state 21 to make evaluations as to whether or not an 22 archeological survey would need to be done. 23 And we explicitly take into account many environmental factors as to whether or not 24

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people would have been living on that landscape 1 2 in the past. So we are quite comfortable in making substantive decisions without a site 3 So, on that level, I don't feel that a visit. 4 decision can be made only having done a site 5 Obviously, there could be advantages 6 visit. 7 and it can help inform a decision, but I don't see that it's a necessity. 8 Second thing that I would like 9 to observe is that we've not seen objections 10 11 from the landowners, the private landowners who are closest to these -- to the right-of-way and 12 have not seen their objections brought forward. 13 Not to say there wouldn't be a view from Ms. 14 15 Huard's property and so forth. But the 16 individuals closest to, the one with the 17 mailbox 150 feet, I don't recall that they have registered an objection. So that, in my mind, 18 19 lowers the sensitivity, my perception of the 20 sensitivity in that immediate neighborhood. 21 So, for those reasons I am not inclined to 22 support the request for a site visit. 23 PRESIDING OFFICER ROSS: Any other 24 comments?

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CMSR. BAILEY: I agree. I think I 1 have a good visual understanding of the impact 2 that will occur. I don't think that we're 3 going to be able to see the impact. There's 4 not a transmission right-of-way that I drive by 5 anymore that I don't look at very carefully. 6 7 So I know what transmission right-of-ways look And this is an existing transmission 8 like. right-of-way. So, I don't believe that in this 9 case, because of the late request for a site 10 11 visit, that it's going to help inform my decision. In fact, we've already made a 12 decision on aesthetics and we considered the 13 arguments that Ms. Huard raised and we made a 14 determination. So this is almost like a 15 16 request for reconsideration, but not quite 17 because we haven't officially made the final But with all that, I don't think 18 decision. that a site visit will help inform my decision 19 20 in this case any more. 21 MS. WEATHERSBY: I've been on my 22 town's zoning board for 15, roughly, years, and 23 I always find it helpful to go and visit a property to understand what's being proposed 24

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and what's there now and the change. 1 And I wish that we had had a site visit for this 2 project. But the request coming now, I have to 3 ask the question that Attorney Aslin put 4 forward: Will the information that we'll see 5 help us make our decision? I think that we 6 7 will see information -- or see how close the existing lines are to properties. 8 We'll have firsthand visual information concerning the 9 10 information that Ms. Huard has presented to us. 11 We've heard a lot of testimony about how close the poles are to various properties. 12 We've heard that there is an effect on the property 13 14 values of those properties. And there's no 15 question that the proximity, in my mind, the 16 proximity of poles will have a real impact on 17 the properties that are so close to the proposed transmission lines and that have a 18 19 clear sight of them. But given all of the information that we've heard, I don't feel as 20 21 though going out and seeing what I imagine in 22 my mind from the testimony will change my 23 decision concerning the Project. I'm sympathetic to the situation that those 24

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property owners face. But I think seeing it firsthand will not affect my decision-making process, as I'm already envisioning the worst for them.

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And considering environmental 5 issues, we've heard from DES and a couple of 6 7 Ph.D.s concerning the self-weathering poles and that they don't have an effect on the 8 environment. So, seeing the brook crossing, et 9 cetera, I'm not sure will give me more 10 11 information on which to base my decision. So, while I wish that we had had a site visit 12 earlier in the process to better understand the 13 14 entire right-of-way, I think, at this point, 15 going out and seeing these selected locations 16 would not be of assistance to me, and I would not be in favor of that now. 17 PRESIDING OFFICER ROSS: Are there 18 any other comments? I think what I would like 19 20 is a vote from the Committee on whether to --21 I'm sorry. Ms. Huard. 22 MS. HUARD: I'd like to just make one 23 If at some point -comment.

> PRESIDING OFFICER ROSS: {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

I don't

1 think this is the time. I mean, we've given 2 you an opportunity to argue your motion. And we are now deliberating, so I'm going to 3 overrule your participation right now. 4 So what I would propose is that 5 we vote "yay" or "nay" on whether to deny the 6 7 motion for a site visit. So we're voting on whether to deny a motion for the site visit. 8 So, a "yay" would be a denial. Is that clear 9 for everyone? 10 11 MS. WEATHERSBY: Do you want to have a motion? 12 PRESIDING OFFICER ROSS: Yes, that 13 14 would be great. Would you like to offer one? That would be terrific. 15 16 MS. WEATHERSBY: All right. So then 17 I move that we deny Ms. Huard's motion to request a site visit. 18 19 PRESIDING OFFICER ROSS: Is there a 20 second? 21 MS. WHITAKER: I'll second. 22 PRESIDING OFFICER ROSS: All in favor 23 say "aye". [Multiple members indicating "aye".] 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

29 PRESIDING OFFICER ROSS: Any opposed? 1 2 [No verbal response] PRESIDING OFFICER ROSS: All right. 3 The motion for a site visit is denied. 4 We will now continue the 5 deliberations that we had begun. 6 7 MS. HUARD: May I just ask one 8 question? PRESIDING OFFICER ROSS: Yes, you may 9 ask. 10 11 MS. HUARD: Could someone from the Committee explain to me why this wasn't their 12 own choice from the beginning, since they have 13 that right? 14 15 PRESIDING OFFICER ROSS: No, we're not going to respond to that question now. 16 17 MS. HUARD: Thank you. So noted. PRESIDING OFFICER ROSS: Okay. 18 So, 19 in referring to our deliberations on June 14th, 20 as we wrapped up our deliberations we had 21 decided on... just read the last few... we had 22 voted on a motion that there's no unreasonable 23 adverse effect to historic properties, and that motion carried. I see where that puts us on 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

our line of issues to consider. 1 MR. IACOPINO: It would be air 2 quality, air and water quality. 3 PRESIDING OFFICER ROSS: Okay. 4 So we would be dealing now with air and water 5 guality. And could counsel read us the 6 7 statutory provision that we're actually working with now on this section? 8 MR. IACOPINO: Yes. We're in the 9 I believe it's Roman 10 midst of R.S.A. 162-H:16. 11 Numeral IV, but I'm not positive of this at this point. But it's whether or not -- the 12 Committee must determine whether or not the 13 Project will have an "unreasonable adverse 14 15 effect" on air and water quality. And again, 16 the consideration is whether the effect of the 17 proposed project will be "unreasonably adverse." 18 19 You are required to consider the 20 Department of Environmental Services, their input into the docket as well. And I believe 21 22 we have ... well, I just wanted to point out 23 that I think the only input on air quality from the Department of Environmental Services is the 24

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indication that there's a general programmatic 1 permit that the Applicant would have to comply 2 with, with respect to minimizing the emissions 3 of dust during construction of the Project. 4 That's with respect to air. 5 And then with water quality, 6 7 there is significant input from DES Water Division, which I don't know if you want to 8 take them one at a time or deal with them 9 together. 10 11 PRESIDING OFFICER ROSS: Would the Committee like to -- let's do air and water 12 separately because they're somewhat different 13 14 categories, if that will work for people. 15 On air, I think we had, as Mike 16 mentioned, the dust issue during construction. And Ms. Huard had mentioned that there might be 17 some air emissions with the self-weathering 18 And as I understand it, the general 19 poles. 20 project permit from DES does take into 21 consideration dust related to the construction 22 process. 23 CMSR. BAILEY: We also have a stipulation between Counsel for the Public and 24

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the Applicant about air quality in Exhibit 23 that stipulates that the Project will be used solely to transmit electricity and does not involve equipment that combusts fuels or emits regulated pollutants.

PRESIDING OFFICER ROSS: Do other members want to comment on air quality at this point?

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MS. ROBERGE: Yes, that's my 9 understanding as well, that there are no, you 10 11 know, equipment or devices that are going to be requiring a permit under the Air Resources 12 Division of the New Hampshire Department of 13 Environmental Services. With respect to dust, 14 15 we do have regulations. And my understanding 16 is the Applicant agrees to minimize dust 17 emissions as a result of construction during the construction process, using Best Management 18 19 Practices. 20 With respect to any issues with

21 the poles themselves, the Department -- I am 22 not aware of any issues, at least in terms of 23 air quality issues associated with the 24 self-weathering poles. Just to note, if there {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

would be any perhaps rust coming off of them, 1 they would likely be larger pieces, not 2 respirable. We generally look at very small 3 particles that are respirable or aerosols or 4 5 volatile organic compounds. So, small compounds that can get into your deep lung 6 7 tissues, those are the types of pollutants that 8 we look at from an air quality perspective. And then the Department has 9 reviewed applications submitted for -- oh, 10 11 well, we're dealing with just air quality at this point; right? So I'll stop there. 12 PRESIDING OFFICER ROSS: Any other 13 comments or observations on the air issues? 14 I think Ms. Huard 15 MS. WEATHERSBY: 16 also mentioned the effect on air quality by the 17 tree cutting, and the lack of the trees resulting in the lack of oxygen, et cetera, et 18 But I was convinced by testimony of 19 cetera. 20 the experts that, although it seems as though 21 the tree cutting is significant, and it is in 22 some ways, but compared to the amount of trees 23 in the state, that it will not have a measurable effect on air quality. 24

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1 PRESIDING OFFICER ROSS: If there's no further discussion, would anyone like to 2 propose an amendment with regard to just the 3 air quality issue, or would you like to go 4 ahead and deliberate water quality and then 5 deal with them together? 6 7 CMSR. BAILEY: Madam Chair, did you 8 mean a motion on air quality? PRESIDING OFFICER ROSS: 9 Yes. CMSR. BAILEY: You said "amendment." 10 11 PRESIDING OFFICER ROSS: Oh, I'm so 12 sorry. 13 CMSR. BAILEY: I move that we find 14 there is no unreasonable adverse impact on air 15 quality. 16 PRESIDING OFFICER ROSS: Is there a 17 second? MS. ROBERGE: Second. 18 PRESIDING OFFICER ROSS: All in favor 19 of that motion. 20 21 [Multiple members indicating "aye".] 22 PRESIDING OFFICER ROSS: Any opposed? 23 [No verbal response] 24 PRESIDING OFFICER ROSS: All right. {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

PRESIDING OFFICER ROSS: Let's then 1 turn to the water quality issues, and those are 2 runoff during construction and during the 3 subsequent operation of the Project and any 4 impacts to the area waters. And I know we have 5 several DES permits related to these issues. 6 Τ 7 know that we earlier indicated that we would be incorporating those permits into -- as a 8 condition of any ultimate approval, should we 9 10 grant one on the Project. But did people want 11 to comment more specifically on the water quality of the Project? 12 MS. ROBERGE: I would just like to 13 14 state that the Department has made recommendations in a letter to counsel on 15 16 conditions that should be included, should the Department -- should the council agree to issue 17 a certificate. So I would just reiterate that 18 those conditions should be in there. 19 They've done a detailed review of this particular 20 21 project and made those recommendations. 22 PRESIDING OFFICER ROSS: Okav. 23 CMSR. BAILEY: I would observe that 24 there is some impact on wetlands and shoreland,

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1 but that it's the Department of Environmental Services' expertise that I rely on to determine 2 or advise us as to whether there's an 3 unreasonable impact. And because the 4 Department has not advised us that there is an 5 unreasonable impact, I didn't hear any 6 persuasive testimony that there would be an 7 8 unreasonable impact on wetlands. PRESIDING OFFICER ROSS: And I guess 9 10 I would also note that the Applicants' 11 environmental expert indicated that the hydrology would not -- even though there are 12 impacts due to the construction, the underlying 13 hydrology of the wetlands would still work; the 14 inflow and outflow would still work for the 15 16 wetlands post-construction. (Members reviewing documents.) 17 PRESIDING OFFICER ROSS: Are there 18 19 any other comments with regard to water 20 quality? 21 MS. WEATHERSBY: I would just say 22 that I take some comfort in the fact that the 23 Applicant has agreed to comply with all the conditions of the wetland- and 24

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shoreland-related permits and has agreed to 1 employ environmental monitors during the 2 construction phase to be sure that 3 environmental impacts are avoided or minimized. 4 PRESIDING OFFICER ROSS: 5 Okay. Is there anyone ready make a motion with regard to 6 7 the water quality impacts of the Project? MS. ROBERGE: I move that this 8 9 project will not have any adverse impacts on water quality in the -- along the right-of-way. 10 11 Unreasonable adverse. PRESIDING OFFICER ROSS: 12 Okay. That's good. Is there a second? 13 I'll second that motion. 14 CMSR. ROSE: 15 PRESIDING OFFICER ROSS: All right. 16 All in favor of that motion --17 MR. IACOPINO: Before you vote, Madam Chair, I just want to point the Committee, 18 while you're considering this motion, back to 19 20 the fact that in our prior portion of our deliberation -- I don't know exactly when it 21 22 was -- you did adopt the conditions for the 23 four permits issued by the Department of Environmental Services, that being the wetlands 24

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permit, the alteration of terrain permit, the 1 401 water quality permit and the shoreland 2 permit, and also recognized that they would be 3 under the General Programmatic Agreement for 4 Section 404. That did occur previously in your 5 deliberations. I would advise, Madam Chair, 6 that once you vote on this motion, you then 7 determine whether or not to again make each one 8 of those permits a condition of the Certificate 9 and delegate to the Department of Environmental 10 11 Services oversight of those. PRESIDING OFFICER ROSS: 12 Okav. MR. IACOPINO: That's one of the 13 14 things available for the Committee to exercise in terms of delegation. 15 16 PRESIDING OFFICER ROSS: Okay. That's fine. 17 MS. ROBERGE: Should I amend my 18 19 motion to include those? Because I do want to make it clear those should be included --20 PRESIDING OFFICER ROSS: 21 I think --22 I'm not sure whether it needs to be in this 23 I know we've already made those motion. contract conditions -- I'm sorry -- those 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

permit conditions a condition of any ultimate 1 2 decision we make here. But I suppose referencing that earlier determination in this 3 motion might help for clarity purposes. So if 4 you would like to amend your motion, you may. 5 MS. ROBERGE: Let me see if I 6 Yes. 7 can get this correct now. I'm going to try to 8 refer to the language here. So I move to -- or I amend my 9 original motion to that this project will not 10 11 have any unreasonable adverse effect on water quality, provided that we include the permit 12 conditions -- or the recommendations from the 13 Department of Environmental Services on the 14 15 shoreland -- I'm not going to get it. 16 MR. IACOPINO: Would you like some 17 help? Yes, I would, please. 18 MS. ROBERGE: There is a wetlands 19 MR. IACOPINO: 20 permit, an alteration of terrain permit, a 401 21 water quality certificate and a shoreland 22 impact permit. And in addition, there are 23 general programmatic conditions for Section 404. 24

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40 1 MS. ROBERGE: What was the first one? 2 I'm sorry. Wetlands? MR. IACOPINO: Wetlands. 3 Okay. Try this again. MS. ROBERGE: 4 So the motion would read that 5 this project would not have any unreasonable 6 7 adverse effect on water quality, provided that the recommendations by the New Hampshire 8 Department of Environmental Services be 9 10 included in any certificate, should one be 11 issued; that includes with respect to the wetlands permit, the alteration of terrain 12 permit, the 401 water quality certificate and 13 14 the shoreland permit, and any requirements 15 associated with the general programmatic 16 requirements in 404. PRESIDING OFFICER ROSS: 17 Is there a second? 18 19 CMSR. ROSE: Second. PRESIDING OFFICER ROSS: And all in 20 21 favor indicate by saying "aye." 22 [Multiple members indicating "aye".] PRESIDING OFFICER ROSS: Any opposed? 23 24 [No verbal response] {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

PRESIDING OFFICER ROSS: Okay. 1 2 MR. IACOPINO: Next statutory requirement, Madam Chair, is whether or not the 3 proposed project will have an unreasonable 4 adverse effect on the natural environment. 5 In doing this, you generally consider whether the 6 Project -- what the Project's effect will be on 7 wildlife, rare plants, rare natural 8 communities, other exemplary natural 9 communities, under Site 301.14(e). There is 10 11 also a number of areas that must be considered. They're fairly extensive. Do you want me to go 12 through them for the Committee? 13 PRESIDING OFFICER ROSS: 14 I think, 15 actually, the review might be helpful, if 16 people don't mind a little delay here. 17 MR. IACOPINO: Pursuant to the rule, the Subcommittee, in considering this statutory 18 requirement, must consider seven different 19 20 factors. I'll go through them, No. 1 through 21 No. 7. 22 No. 1, the significance of the 23 affected resident and migratory fish and wildlife species, rare plants, rare natural 24

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communities and other exemplary natural 1 communities, including the size, the 2 prevalence, dispersal, migration, and viability 3 of populations in or using the area; No. 2, the 4 nature, extent and duration of the potential 5 effects on the affected resident and migratory 6 fish and wildlife species, rare plants, rare 7 natural communities and other exemplary natural 8 communities; No. 3, the nature, extent and 9 duration of the potential fragmentation or 10 11 other alteration of terrestrial or aquatic significant habitat resources or migration 12 corridors; No. 4, the analysis and 13 14 recommendations, if any, of the Department of 15 Fish and Game, the Natural Heritage Bureau, the 16 United States Fish and Wildlife Service, and 17 other agencies authorized to identify and manage significant wildlife species, rare 18 plants, rare natural communities and other 19 20 exemplary natural communities; No. 5, the 21 effectiveness of measures undertaken or planned 22 to avoid, minimize or mitigate potential 23 unreasonable adverse effects on potential wildlife species, rare plants, rare natural 24

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communities and other exemplary natural 1 communities, and the extent to which such 2 measures represent the best practical measures; 3 No. 6, the effectiveness of measures undertaken 4 or planned to avoid, minimize or mitigate 5 potential adverse effects on terrestrial or 6 aquatic significant habitat resources, and the 7 extent to which such measures represent the 8 best practical measures; and No. 7, whether 9 conditions should be included in a certificate 10 11 for post-construction monitoring, reporting and 12 for adaptive management to address potential adverse effects that cannot reliably be 13 predicted at the time of application. 14 And those seven factors are from Site 301.14(e) (1) 15 16 through (7). PRESIDING OFFICER ROSS: 17 Thank you. (Committee reviewing documents.) 18 PRESIDING OFFICER ROSS: 19 So my 20 understanding of the potential impacts has to 21 do with the tree clearing, the additional tree 22 clearing that's going to be conducted, and also

just the existence of the right-of-way for any
impacts on the species that might be traveling

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under it or through it. I know we heard about 1 some surveys. I think I recall some testimony 2 on the black racer, which I'm now -- one of 3 them died, I guess. But I don't think there 4 5 were too many rare species actually identified as inhabiting the right-of-way. 6 7 CMSR. BAILEY: Madam Chair. PRESIDING OFFICER ROSS: 8 Yes. 9 CMSR. BAILEY: I remember testimony, I believe from Ms. Trefry, that some of the 10 11 clearing would provide better habitat for the New England Cottontail, which is an endangered 12 species, because they like the scrubby brush 13 14 kind of habitat. So, although some habitat 15 will be changed, some may be improved. And I 16 think that since this is a reliability project 17 compared to cutting a completely new right-of-way, the impacts on wildlife and 18 natural environment are less than they 19 otherwise would be. 20 21 PRESIDING OFFICER ROSS: Are there 22 any other comments? 23 MS. WEATHERSBY: Sure. I think what differentiates this project from many is that 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

most of -- the majority of the right-of-way is 1 already cleared, so the effect on all species 2 also will be less, as Commissioner Bailey 3 indicated. In addition, I know Ms. Trefry's 4 company and others are doing field surveys to 5 identify all of the species. And I understood 6 7 that plans were being developed for each of 8 those species to determine how to avoid, minimize and mitigate any effects on those 9 10 species. And there will be observers in the 11 field during the construction phase to ensure that those plans are carried out, including the 12 cutting near the wetlands. I recall testimony 13 14 that those would be hand-cut rather than 15 sending machines in. So, in my mind, there's 16 clearly an emphasis and concern to protect the 17 natural environment by the Applicant. I'd also note that the New 18 19 Hampshire Fish & Game Department, in their 20 letter of February 11th of 2016, approved the 21 protocols for New England cottontail and for 22 the black racer as adequate for this project 23 and has indicated that they will work with the Applicant to avoid, minimize and mitigate 24

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impacts to rare, threatened or endangered species.

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CMSR. BAILEY: Another piece of testimony that I recall is about the turtle nesting surveys that were done and that they will avoid turtle nesting sites, known turtle nesting sites, and they will also do another survey before the beginning of the construction in the spring of 2017.

10 CMSR. ROSE: I would also note in the 11 testimony that it was referenced that there are going to be environmental monitors doing daily 12 reports and that they are going to be making 13 efforts to try to minimize erosion, such as 14 15 cutting trees flush to the ground and leaving 16 the roots in place and that they were also going to be following the various Best 17 Managements Practices that were outlined as 18 conditions within their permits. 19

20 MS. WEATHERSBY: We also heard 21 testimony concerning a mitigation plan, where a 22 compensatory mitigation package was put 23 together to address those unavoidable 24 environmental impacts.

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PRESIDING OFFICER ROSS: In addition, 1 I think the Applicant has agreed to do some 2 fencing to avoid impacting some of the 3 identified plants, even to relocate access 4 where needed to skirt around. 5 I know they mentioned several specific species of plants. 6 7 Are there any other comments or 8 concerns on the rare plants and rare animals? [No verbal response] 9 PRESIDING OFFICER ROSS: Is there 10 11 anyone who would be willing to make a motion on impacts on the natural environment based on the 12 13 factors that we've been considering? CMSR. BAILEY: 14 I would move that we 15 make a finding that there won't be any 16 unreasonable adverse effect on the natural 17 environment as a result of constructing the additional line in this existing right-of-way. 18 PRESIDING OFFICER ROSS: 19 Is there a 20 second? 21 DR. BOISVERT: Second. 22 PRESIDING OFFICER ROSS: All in favor 23 indicate by saying "aye." I'm sorry. Go 24 ahead.

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1 MS. WEATHERSBY: Just as part of the discussion, Commissioner Bailey's motion was 2 concerning the construction of the line. 3 Τ think we might also want to have it be for the 4 operation of the line as well. 5 PRESIDING OFFICER ROSS: 6 That's a 7 good point. 8 MS. WEATHERSBY: Suggested amendment. CMSR. BAILEY: Okay. I'll accept 9 10 that amendment. Thank you. PRESIDING OFFICER ROSS: 11 So we are talking about finding that there's no 12 13 unreasonable adverse effect to the natural environment of the construction or the 14 continued operation of the new line once it is 15 16 constructed in this existing right-of-way. And we have a second to that amended --17 DR. BOISVERT: Second. 18 PRESIDING OFFICER ROSS: Okay. 19 **A11** 20 in favor indicate by saying "aye." 21 [Multiple members indicating "aye".] 22 PRESIDING OFFICER ROSS: Any opposed? 23 [No verbal response] 24 PRESIDING OFFICER ROSS: All right. {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

The next category that we are supposed to 1 consider is the public health and safety. 2 And I, for one, could use a five-minute break if 3 the Committee would indulge me. So it is about 4 25 after. Why don't we make it 10 minutes. 5 Let's recess for 10 minutes, and we will come 6 back at 25 of 11. Thank you. 7 8 (Whereupon a brief recess was taken at 10:25 a.m. and the hearing resumed at 9 10:37 a.m.) 10 11 PRESIDING OFFICER ROSS: All right. We're going to reconvene the deliberations. 12 We're going to consider the public health and 13 14 safety with regard to this project. 15 MR. IACOPINO: We do have a rule that 16 the Committee must consider certain matters 17 with respect to their consideration of whether or not there will be an unreasonable adverse 18 19 effect on public health and safety. Madam 20 Chair, would you like me to go through those for the education of the Committee? 21 22 PRESIDING OFFICER ROSS: Yes, please. 23 MR. IACOPINO: First, the Subcommittee must consider the potential 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

adverse effects of the construction and 1 operation of the Project on public health and 2 safety; second, the effectiveness of measures 3 undertaken or planned to avoid, minimize or 4 mitigate such potential adverse effects. 5 And with respect specifically to electric 6 transmission lines, the Subcommittee must 7 consider: One, the proximity and use of 8 buildings, property lines and public roads; 9 two, the risk of collapse of towers, poles or 10 11 other supporting structures; three, the potential impacts on public health and safety 12 of electric and magnetic fields generated by 13 14 the proposed facility; and four, the 15 effectiveness of measures undertaken or planned 16 to avoid, minimize or mitigate such potential 17 adverse effects and the extent to which such measures represent the best practical measures. 18 And that criteria is taken from our rules, Site 19 301.14(f), No. 1 and No. 4. 20 21 PRESIDING OFFICER ROSS: Okay. Thank 22 This area, actually, we had quite a bit you. 23 of testimony. We have to consider both the

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construction phase and then the operation of

the lines once they're installed. 1 CMSR. BAILEY: I'll start the 2 discussion. I don't believe that there will be 3 any impacts during the construction phase 4 because nothing is energized during 5 construction. So I think that's an easy 6 finding to make, that there won't be any 7 unreasonable adverse effects during 8 construction. 9 10 During operation, we had 11 testimony from Ms. Huard about her -- the sensations that she experienced while being 12 near the power lines, and we had very strong 13 14 testimony from Dr. Bailey and Dr. Johnson that 15 the lines in the right-of-way are at a height 16 that is consistent with the National Electrical 17 Safety Code and that the level of magnetic field and electro -- electric field was very 18 unlikely to cause health impacts. 19 And I 20 concluded from that testimony, which I found 21 very credible, that Ms. Huard may have 22 experienced a health issue at that moment in 23 time, but that it was not likely, in my opinion, due to electromagnetic fields. 24 Also,

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I think Dr. Bailey and Dr. Johnson testified 1 2 that, in order to mitigate any potential adverse effects, they placed the lines in 3 certain positions to have the fields offset 4 with the fields of existing lines so that in 5 some areas at the edge of the right-of-way the 6 fields were reduced. And their testimony was, 7 8 with respect to the modeled predictions of what the fields would be, were very, very small in 9 number compared to anything that any scientists 10 11 had concluded might have any effect. And finally, in Dr. Bailey's testimony, in his 12 prefiled testimony, he stated "that recent 13 studies, when considered in context of previous 14 15 research, do not provide evidence to alter the 16 conclusion that extremely low-frequency 17 electric and [sic] magnetic field exposure at the levels we encounter in our everyday 18 19 environment, including transmission lines, is 20 not a cause of cancer or any other disease 21 process." 22 PRESIDING OFFICER ROSS: I would also 23 note that the experts indicated that the

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modeled results of the electromagnetic fields

at the edges of right-of-way following 1 installation of this line were "significantly 2 below" any guidance by the International 3 Committee on Electromagnetic Safety. So, the 4 5 body that is responsible for setting these standards has set standards that are far in 6 excess of what the modeled standards are 7 predicted for this project. 8 I think there also was testimony 9 with regard to just the road safety during 10 11 construction and the fact that there would be flaggers and traffic control when equipment was 12 going to have to be crossing the roads under 13 I know Ms. Huard expressed some 14 these lines. 15 concern about the cars that had to stop and 16 wait for those crossings. But given the fact 17 that we don't really -- haven't got any strong evidence that the electromagnetic field is 18 harmful, I don't think those traffic stops 19 20 should create any public safety hazards. 21 DR. BOISVERT: I think the most 22 prominent objection to this particular project 23 has come from Ms. Huard and her reporting of ill effects on her health due to the 24

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transmission lines, the existing transmission 1 I'm not disputing that she experienced 2 lines. What I did not understand from her something. 3 testimony, the cause of that, that it was 4 actually caused by the transmission lines. 5 And lacking any persuasive information that would 6 indicate that the transmission lines caused it, 7 I'm left with the observation that they do not 8 appear to have a health and safety problem for 9 the general public. In addition, I'm unaware 10 11 of others who have any significant numbers reported of similar kinds of health and safety 12 This is not something that I have seen 13 issues. come up in literature. Admittedly, I have not 14 15 delved very deeply into it. But I think if 16 there were a problem, I think there would have 17 been more information made available to the Subcommittee, seeing if there really is a 18 19 pervasive problem there. 20 So, lacking information that 21 indicates that those transmission lines 22 caused -- specifically caused her health 23 episodes, and lacking anything from the broader public, I do not feel that there's any 24

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unreasonable adverse impacts for this project construction and operation.

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CMSR. BAILEY: There were two other 3 things that the Applicant covered under Public 4 Health and Safety. I think the sound impact 5 from the corona, especially during wet weather 6 conditions and -- again, Mr. Johnson modeled 7 what the maximum increase in audible noise 8 would be, and I believe it was approximately 9 2 decibels, but lower in most locations. 10 He 11 believed, I think, that the level of sound would be mostly masked by ambient noise and 12 would not produce a noticeable difference. 13

And the other thing that I 14 failed to consider earlier in construction is 15 the fact that they may have to do some blasting 16 17 during construction. The Applicant said that it would retain a blasting contractor who will 18 perform the required work in accordance with 19 20 the applicable state and federal permitting 21 requirements and that the blasting would be 22 handled safely. So I don't believe that there will be unreasonable impacts on public health 23 and safety during construction or operation. 24

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PRESIDING OFFICER ROSS: Yes, go ahead.

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MS. ROBERGE: I was wondering if -- I was looking back in my notes and wondering if there was any recommendations relative to public health, and I can't find it. Trying to find it in the testimony relative to perhaps monitoring, a field test monitoring. I thought I remembered -- I could be wrong on that. I was wondering if anyone recalled that or not.

11 CMSR. BAILEY: I think there was some discussion at some point, and I can't put my 12 finger on where it is, that maybe they do some 13 actual measurements to see how accurate the 14 15 modeling was after the installation about the 16 electromagnetic fields. But I wasn't convinced 17 that that was necessary. But, I mean, by all means, if you guys had a different impression, 18 let's talk about it. 19

20 MS. ROBERGE: Well, I had something 21 in my notes that was rather cryptic, and I was 22 trying to remember what that was. 23 CMSR. ROSE: My recollection was that 24 it was an idea that was referenced by Counsel

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for the Public, that there might be field testing at the conclusion of the completion of the Project, to verify that it's within the safety parameters that are outlined. I think I have that right.

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CMSR. BAILEY: And there are a lot of 6 7 stipulated facts in Exhibit 23 between the Applicant and Counsel for the Public about the 8 expected levels and what the relevant standards 9 10 are, and the fact that there is a large 11 difference, which maybe we would want to consider including some of these stipulated 12 facts in our order. 13

14 Mr. Iacopino, do you know? Do 15 we have any suggested conditions from the 16 Department of Transportation during 17 construction across the roadway or anything like that, that we should include in the 18 19 certificate? Sorry to put you on the spot. 20 MR. IACOPINO: Not putting me on the 21 spot. We considered -- when we talked about 22 the state agency permits, you all did consider 23 the Department of Transportation as one of the And I believe that you did delegate 24 agencies.

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authority to the Department of Transportation 1 to monitor the compliance with the various 2 permits: The aerial utility permits for Route 3 111, I-93 for the Londonderry Rail Trail, the 4 temporary driveway permits both on Route 28 in 5 Londonderry and the town of Londonderry. 6 So I 7 do believe that you did delegate authority to 8 the Department of Transportation to monitor and require compliance. Just looking. 9 That's from my notes. I want to go back and take a look at 10 11 the actual deliberation transcript. PRESIDING OFFICER ROSS: 12 It's Page 20 through 23. 13 14 MR. IACOPINO: Do you have it there? 15 PRESIDING OFFICER ROSS: DOT permits, 16 there's several. Temporary driveway permits, 17 railroad crossings and temporary-use permits from DOT. 18 19 CMSR. BAILEY: Oh, we already deliberated and said we would include those as 20 21 conditions. 22 PRESIDING OFFICER ROSS: Yup. 23 CMSR. BAILEY: Thank you. PRESIDING OFFICER ROSS: 24 I'm not sure {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

we touched on basic traffic control in that 1 because I think we were focused more on their 2 specific permits. So, as we consider this 3 section, we might want to, you know, condition 4 5 our finding on compliance with Best Practices that DOT recommends for managing the crossing 6 activity during construction and also for 7 8 blasting, as DOT may have some guidelines on 9 blasting. Are there any other comments as 10 11 we're deliberating here? Yeah. MS. WEATHERSBY: Just picking up on 12 earlier comments. Do you think it would be 13 14 wise for the Committee to request field testing 15 of the electric and magnetic fields at the edge 16 of the right-of-way after the Project is built, 17 to be sure that the modeling that was done earlier was correct and that there is no threat 18 to public health as a result of those electric 19 20 and magnetic fields? 21 The only other thing is, as I 22 look at what we're supposed to consider, I 23 don't recall any discussion concerning collapse of towers, poles or other supporting structures 24

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in our discussions. But I think we've heard that height of the towers and then the distance from homes, particularly in the David Drive area, that the height of the tower is less than that distance. So, while I wish that we had had more on that, I think we can probably check that box as well.

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8 PRESIDING OFFICER ROSS: Yes. DR. BOISVERT: Going back to the 9 testing for the impacts of the transmission 10 11 line, it occurs to me that it would be appropriate if there was a test before the 12 lines were constructed to see the existing 13 conditions and then look after construction to 14 15 see if there's any net increase and so forth. 16 If there was testing afterwards and there were 17 perceived to be or any suggestion of a problem, would it be cumulative or individual to that 18 construction? It just strikes me that one 19 20 needs to know the conditions before conducting 21 such monitoring. I think that's only sort of 22 reasonable practice. I'm not sure how we build 23 that in as a condition, but --PRESIDING OFFICER ROSS: 24 Yeah, I

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think we can include it in a motion. Any other comments? Yeah.

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MS. ROBERGE: Just to kind of build 3 off of that, my understanding is that the 4 5 modeling is pretty site-specific, so it takes into account the lines that are there now and 6 7 what they're proposing to add. And while there 8 might be a change just because there might be either a decrease or might be an increase --9 I'm not an expert in this area -- but I believe 10 11 some of the magnetic fields cancel each other out or what have you. But simply a change from 12 what's there now to what will be proposed, I 13 14 guess we just make sure we compare it with the 15 standards or what the model is compared with. 16 I'm not saying whether we would see an increase 17 or decrease, but a change isn't necessarily a bad thing. There might be a change as a result 18 19 of the Project, but really we're comparing it to the recommendation or the standard. 20 I just wanted to clarify that. 21 22 PRESIDING OFFICER ROSS: Right, 23 right. I think if we do the

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CMSR. BAILEY:

test, we should compare it to the model that 1 2 they predicted, to see how accurate the model And if -- I mean, based on the record, was. 3 I'm prepared to conclude that there won't be an 4 unreasonable adverse effect impact on the 5 public's health and safety from EMF based on 6 7 the numbers and the models. 8 If we require testing, and the results of the test indicate a significant 9 difference between what they modeled and the 10 11 actual, then what are we going to do? MS. WEATHERSBY: It strikes me that 12 the more important measurement is how it 13 14 compares to the safety standards. It would be 15 interesting to see how correct their modeling 16 is, but for all kinds of reasons. But I think 17 the more important one is whether the resulting electric and magnetic fields are well below the 18 thresholds set by -- there were two standards 19 20 cited by the International Committee on 21 Electromagnetic Safety and the International 22 Committee on Non-ionizing Radiation Protection 23 that Dr. Bailey referred to. PRESIDING OFFICER ROSS: 24 Are we at a

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point where someone wants to try to construct a motion for this public health section?

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CMSR. BAILEY: I'll move that we make 3 a finding that, based on the evidence that we 4 have, that we find that there's no adverse 5 impact on public health and safety, with the 6 condition that the Applicant conduct or measure 7 8 the electric and magnetic fields prior to and after construction and that they provide the 9 Committee with the results of those 10 11 measurements compared to the results that their model predicted. And I don't think they need 12 to measure it in every single -- at every 13 single point that their model predicts. 14 Ι 15 don't really know how to quantify or tell them 16 where they should measure these, where they 17 should take these measurements. And then I guess with respect to the results, as long as 18 the results are less than the International 19 20 Commission on Non-ionizing Radiation Protection 21 and International Committee for Electromagnetic 22 Safety guidelines, if the results are lower than those, then there is no issue. 23 If the results are higher than those, then they're not 24

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in conformance with our certificate, and they 1 would have to do something to mitigate that. 2 Do you have any suggestion on how they could --3 MR. IACOPINO: Only thing, if I could 4 5 add to it, where you don't know where to direct the Applicant to take the measurements, you 6 7 certainly want them at the edge of the 8 right-of-way. CMSR. BAILEY: 9 Yes. MR. IACOPINO: So you probably should 10 And this isn't 11 add that into your motion. really legal advice, but I suppose you could 12 order them to do it where the lines are --13 where the lines will be closest together and 14 then where they'll be the furthest apart. 15 Ι 16 think that may -- but you're the engineers. 17 You would know better than I do whether that's the appropriate sort of way to get the range of 18 19 what the EMFs would be. 20 CMSR. BAILEY: I definitely agree it 21 should be at the edge of the right-of-way. The 22 measurements should be taken at the edge of the right-of-way. That seems like a reasonable 23 24 suggestion, you know, to take two measurements:

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One where the lines are closest together and 1 one where the lines are furthest apart. 2 And there was also another 3 section where the results in the modeling were 4 5 projected to be much higher because there's a DC line in that area. Maybe we have them take 6 7 a measurement there. Can anybody remember 8 where that table is? Let me see if I can find 9 it. MR. IACOPINO: Are you looking for 10 11 Counsel for the Public's exhibit that has all the heights of the towers? 12 CMSR. BAILEY: 13 No. 14 MR. NEEDLEMAN: Madam Chair, could I make a comment? 15 16 PRESIDING OFFICER ROSS: Yes. 17 MR. NEEDLEMAN: Going down the road that you're discussing here, I just talked 18 briefly with Public Counsel. 19 If the Committee 20 is inclined to create this sort of testing 21 requirement, might I suggest that the Applicant 22 be required to submit a test proposal to the 23 PUC, and the PUC can approve it prior to the 24 time the Applicant goes out and does the

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testing so that everybody is on the same page 1 as to what will happen? 2 MR. IACOPINO: You're referencing the 3 Safety Division of the PUC, Mr. Knepper's 4 5 department? MR. NEEDLEMAN: I think that would 6 7 probably be most appropriate. 8 CMSR. BAILEY: The other thing that we need to keep in mind I think is the modeling 9 that they conducted assumed the average annual 10 11 peak load. And depending on what time of year the measurements are taken, that's not going to 12 be -- I mean, obviously, that's not at the 13 14 average annual peak load. I mean, maybe we 15 could ask them to perform it during peak load. 16 PRESIDING OFFICER ROSS: I think that 17 perhaps the suggestion of submitting a test plan to the PUC with this general guidance 18 19 would be a good way to make sure the testing is 20 done under conditions that are going to be most 21 likely to create a high EMF. So I don't know 22 if weather is a factor in how those fields are 23 generated or if load is a factor, but whatever the factors are that impact the fields, we'd 24

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want testing done at the maximum level time. 1 CMSR. BAILEY: I think the exhibit I 2 was thinking of which we can give to the Safety 3 Division of the Public Utilities Commission is 4 5 in Appendix AG, and Appendix A to that exhibit. MS. ROBERGE: There's also a summary 6 table, Table 12 in the Application, just in the 7 8 Summary section. CMSR. BAILEY: Oh, maybe that's the 9 one I was thinking of. 10 11 MS. ROBERGE: It's on Page 90. Ι think this was what you might be referring to. 12 CMSR. BAILEY: That's it. Thank you. 13 14 So let's amend or add to Okay. 15 the motion, that the Applicant work with the Safety Division to come up with a testing plan 16 17 that will take measurements in each one of the sections numbered in Tables 12 and 13 along the 18 edge of the right-of-way for magnetic field 19 levels and electric field levels during peak 20 21 load. 22 PRESIDING OFFICER ROSS: And could I 23 suggest that you add to your motion a requirement that the Applicant comply with DOT 24

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guidance on traffic control and blasting during 1 construction? 2 CMSR. BAILEY: So amended. 3 PRESIDING OFFICER ROSS: With those 4 5 changes do we have a second? MS. WEATHERSBY: Do you mind 6 7 repeating them? CMSR. BAILEY: Seriously? 8 MS. WEATHERSBY: 9 I think you said "adverse effects" instead of "unreasonable 10 11 adverse impacts." CMSR. BAILEY: Okay. 12 I meant "unreasonable adverse effect." 13 So I move we make a finding that 14 15 there are no unreasonable adverse effects on 16 public health and safety, subject to the condition that the Applicant will conduct 17 measurements along each section number listed 18 in Table 12 and 13 in the Application, in 19 consultation with the Public Utilities 20 21 Commission's Safety Division, and that such 22 measurements will be taken during peak load 23 before construction and after construction, and that they are also subject to Department of 24

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Transportation and Department of Safety 1 requirements during construction, and that the 2 results of the measurements be filed with the 3 Committee, compared with the results in the 4 tables that were modeled, and if they exceed 5 the guidelines of the international committees 6 7 that I mentioned before, that they provide a mitigation plan to the Committee to reduce the 8 levels so that they are lower than the 9 standards articulated by those two bodies. 10 11 MS. WEATHERSBY: I'll second. PRESIDING OFFICER ROSS: All right. 12 All those in favor indicate by saying "aye." 13 [Multiple members indicating "aye".] 14 15 PRESIDING OFFICER ROSS: Any opposed? 16 [No verbal response] 17 PRESIDING OFFICER ROSS: Okay. Thank you for that motion. 18 CMSR. BAILEY: I'm done. 19 PRESIDING OFFICER ROSS: 20 I believe 21 that we have now a decision to make with regard 22 to cumulative impacts. 23 MR. IACOPINO: Madam Chair, cumulative impacts are only -- expressed 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

consideration of cumulative impacts are only required in wind energy cases.

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PRESIDING OFFICER ROSS: Okay. Thank 3 And this isn't a wind energy case, so we you. 4 will move on to, I believe, our final 5 determination, which is on public interest. 6 7 And perhaps you could review with us the factors that we need to consider when we 8 consider the public interest of this project. 9

MR. IACOPINO: Thank you, Madam 10 11 Chair. In considering whether the granting of a certificate is in the public interest, our 12 rules require that the Subcommittee consider 13 the following 10 items: 14 The welfare of the 15 population, private property, location and 16 growth of industry, the overall economic growth 17 of the state, the environment of the state, historic sites, aesthetics, air and water 18 19 quality, the use of natural resources, and 20 public health and safety. As you can see, the 21 rule incorporates a lot of what you have 22 already -- the rule regarding public interest 23 incorporates a lot of what you have already 24 gone over.

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PRESIDING OFFICER ROSS: And just as 1 2 sort of a high-level summary, things like welfare of the population, location and growth 3 of industry and overall economic growth of the 4 5 state, those are sort of more general categories that we haven't -- I don't recall 6 any specific deliberation on, even though they 7 8 sort of are impacted by all the factors that we've already considered. Even the private 9 property piece we've deliberated somewhat, but 10 11 maybe not specifically in any of the earlier factors. But clearly, the rest of the list are 12 areas where we have made some specific 13 findings. 14 15 I would just comment that I 16 think because this is a reliability project, so 17 that, you know, the regional electric grid needs to be upgraded in order to provide 18 reliable service throughout the region, that 19 20 reliable service supports a lot of these 21 factors, whether its location and growth of 22 industry or overall economic growth of the 23 state or the welfare of the population. That service is really an essential service for all 24

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1 of those activities. And that's not something that we've really discussed so far in our 2 deliberations, but I think it's important to 3 realize that it does drive, you know, some of 4 those factors. 5 MS. ROBERGE: I'd just like to add 6 7 that there are several stipulated facts related 8 to public interest. PRESIDING OFFICER ROSS: 9 Yes. CMSR. BAILEY: I could also argue 10 11 that reliable electric service also improves public health and safety. 12 13 PRESIDING OFFICER ROSS: Any other 14 thoughts on this specific -- thoughts on some of these factors? 15 16 CMSR. BAILEY: One other thing. The 17 Applicants don't have to acquire any private property to construct this project because it 18 is on an existing right-of-way. 19 So I think 20 that that's another factor that would help in 21 determining that this is in the public 22 interest. 23 PRESIDING OFFICER ROSS: Yes, go 24 ahead.

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DR. BOISVERT: I would move that the 1 Subcommittee find that the Merrimack Valley 2 Reliability Project is in the public interest 3 and that we have -- that it is in the public 4 interest, period. 5 PRESIDING OFFICER ROSS: 6 Do I have a 7 second? 8 MS. ROBERGE: Second. PRESIDING OFFICER ROSS: All right. 9 Any further discussion? 10 11 DR. BOISVERT: I think I might add that we have put a number of conditions on this 12 project, and I believe they all really stem 13 from a desire to meet the public interest. 14 And 15 they have been sometimes done in great detail, 16 but we've been doing it, I believe, because it is for the good of the public and to make clear 17 our desires that I think the time that we've 18 put in to craft these conditions as best as we 19 can is a reflection of that. 20 21 And just one other thing. There 22 was a last-minute submittal by Counsel for the 23 Public for some clarification on the cost overruns and so forth. Is that included in our 24

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deliberations and considerations? It came 1 through this morning. I just want to make sure 2 that that little detail is properly included in 3 the findings. 4 PRESIDING OFFICER ROSS: I think that 5 after this vote we should go back and sort of 6 7 do a bit of housecleaning and double-check a number of our earlier determinations to see if 8 we need to supplement them. 9 10 Are we ready for a vote on the 11 public interest? All right. All in favor of finding that this project is in the public 12 interest indicate by saying "aye." 13 [Multiple members indicating "aye".] 14 15 PRESIDING OFFICER ROSS: Any opposed? 16 [No verbal response] 17 PRESIDING OFFICER ROSS: All right. I think now would be the time -- and Counsel, 18 you can help me -- to kind of go back and see 19 20 whether we have either updated information or 21 clarification needed on the votes that we've 22 made during our deliberations. 23 MR. IACOPINO: I think the first thing you might want to do is pick up where Mr. 24

Boisvert just left off, with the letter that we 1 received today from Counsel for the Public. 2 I'm going to try to find it --3 PRESIDING OFFICER ROSS: It's right 4 5 here. MR. IACOPINO: -- in which he makes 6 7 the recommendation for the specifics of the 8 report of cost overruns. He has language that is apparently agreed upon between Counsel for 9 the Public and the Applicant. And their 10 11 recommendation to the Committee is that we condition the Certificate to put the following 12 language in: "The Certificate Holder shall, 13 within 45 days of its ISO-New England filing, 14 15 notify the Committee if the Certificate 16 Holder's forecasted or actual expenditures for 17 the entire Merrimack Valley Reliability Project, between Tewksbury, Massachusetts 18 19 (Tewksbury 22A) and Londonderry, New Hampshire 20 (Scobie Pond Substation), as filed by the 21 certificate holder with its ISO-New England 22 Regional System Planning "RSP" forecast 23 updates, exceed the projected cost for the entire MVRP by an amount equal to or greater 24

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than 25 percent." That's the language that is 1 recommended by Counsel for the Public and I 2 believe agreed to by the Applicant. It says it 3 was -- well, he developed it in consultation 4 with the Applicant, so... and that goes back to 5 a determination that you all made on the day --6 on the first day that we deliberated in this 7 case where you inquired about -- or actually 8 directed a cost overrun report. I think it was 9 in your discussion about the financial capacity 10 11 of the Applicant. PRESIDING OFFICER ROSS: 12 Page 29 through 31. 13 Page 29 through 31 of 14 MR. IACOPINO: 15 the transcript of the deliberations from 16 Deliberations Day 1, and it goes into 32. PRESIDING OFFICER ROSS: 17 And 32 and 33, we're talking about budgets here. 18 (Members review documents.) 19 20 Madam Chair, if you look MS. MONROE: 21 on Page 35 and 36 of the transcript of the 22 deliberations, specifically Page 35, Line 22, 23 where Ms. Roberge asked for clarification about conditions, the discussion was that those would 24

be held off until the end. So I think you were 1 waiting for the specific recommendation by 2 Counsel for the Public, as I recall. 3 PRESIDING OFFICER ROSS: Thank you so 4 much, because I kept looking for it in there 5 and not finding it. 6 Great. 7 MR. IACOPINO: So, if the Committee is inclined to discuss the cost containment 8 issue, I guess now is as good a time as any. 9 PRESIDING OFFICER ROSS: Yeah, seems 10 11 appropriate to talk about it now. CMSR. BAILEY: Yeah, this is a very 12 hot topic in regulatory conversations across 13 14 the country right now. It usually has to do with when a transmission line needs to be built 15 16 and it goes out for competitive bid -- the ISO 17 allows competitive bids, which I don't believe they've done in New England yet -- and the fact 18 that there's no cost containment, so the 19 20 competitive bids can be low-balled and then the project exceeds its costs greatly, and 21 22 ratepayers are ultimately on the hook to pay 23 for the whole thing. So it's -- this is really interesting to me. I think 25 percent is very 24

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1	generous.
2	I don't know that the Site
3	Evaluation Committee has any jurisdiction to
4	say, well, if you exceed your cost estimate by
5	more than 25 percent, you can't ask ISO to
6	recover it. I don't know that we have that
7	jurisdiction. Maybe if we made it a condition,
8	but I don't know. But I think that it would be
9	interesting to know what the difference between
10	the estimate and the actual cost to build this
11	is so that we have an idea going forward how
12	close the projections are to the actual costs.
13	PRESIDING OFFICER ROSS: And, you
14	know, while I agree that it isn't our
15	jurisdiction to award the contract to the
16	appropriate Applicant based on a low bid, I
17	think that our consideration of the public
18	interest for a project can take into account
19	the project cost because that is an impact on
20	our citizens. And if that cost is low-balled,
21	then we're deciding something based on a cost
22	that isn't a real cost. So, we didn't make
23	this condition as part of their managerial
24	presentation because we decided we would do it
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at the end of our deliberations, because it was 1 probably broader in its impact than just 2 whether or not they're competent to manage the 3 project. But I do think that it's appropriate 4 as part of our public interest determination, 5 just as it's appropriate to measure the EMFs, 6 7 because we have testimony on the cost of the project and we have testimony on EMF impacts. 8 But if the actual results are very different 9 10 than what we based our decision on, I think it 11 is part of our concern separately from the issues that the ISO embraces in its decisions 12 on who builds things. So I feel pretty 13 14 comfortable putting it in as a condition of our 15 approval. And I think a 25-percent range is a 16 generous range in terms of contingencies of 17 construction. And I assume that the bidding was done carefully and conservatively so that 18 19 the Applicant is going to be more than able to 20 come in on budget. I don't believe that 21 CMSR. BAILEY: 22 this was competitively bid. I think it was --23 PRESIDING OFFICER ROSS: Oh, I

misspoke. You're right. But the

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procurement -- I assume procurement of the services at the company level probably was competitively bid. I don't mean that this Applicant competed with other applicants.

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CMSR. BAILEY: I see. 5 So if we make this a condition, what are we conditioning? 6 7 Are we conditioning they have to stay within 25 percent of the projected costs, or else they 8 aren't going to ask ISO to recover the addition 9 10 of low costs? Is that what you're -- do you 11 think we have jurisdiction to do that, or are we just -- we have jurisdiction to ask them to 12 tell us the difference between the actual cost 13 and the projected cost? 14

15 PRESIDING OFFICER ROSS: I would like 16 to find that we have that power -- I don't 17 know -- the power to actually condition the approval of a project on its budget being 18 19 within the projected range. But I have to 20 confess it's not a question that I've really 21 wrestled with until we started this discussion 22 today. Maybe I should have given it more 23 thought. I don't know. 24 Mike, do you have any... are you

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going to stay quiet? 1 I didn't anticipate 2 MR. IACOPINO: that this issue was -- that you would go as far 3 as requiring -- I understood this just to be 4 5 the requirement of a report, which I assumed from which the Site Evaluation Committee would 6 7 have sort of education going forward in these 8 matters as to what the costs are, what the overruns are, how they're accomplished, so that 9 you build a body of education for this 10 11 Committee, in terms of going forward with respect to these types of projects. 12 I did not anticipate that there 13 14 would be a suggestion that you can condition the costs -- or I didn't understand that to be 15 what was on the table. And I'm not really 16 17 prepared to give a legal opinion as to whether or not that's something that the Site 18 Evaluation Committee could do without some 19 20 further research. So... 21 PRESIDING OFFICER ROSS: I do think 22 it's fair to say that the parallel that I drew 23 between EMF and the budget is not a fair one, in that we probably are the last stop for 24

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concerns about EMF. If we don't find problems, 1 2 you know, there's not another regulatory agency that's probably going to have the ability to 3 make changes to this project; whereas, in the 4 5 cost recovery area, we clearly do have FERC and ISO making determinations about how the costs 6 7 are going to be passed on to ratepayers. But I do think it's a fair concern. And I quess I'm 8 not proposing today that we condition the 9 public interest finding on staying within 10 11 budget. But I do think that if we see a series of these projects and we see a trend that's 12 troubling, that we ought to come up with ways 13 14 to manage our approval process so that we 15 discourage huge price overruns, because I don't 16 think it's a good thing. 17 MS. WEATHERSBY: Madam Chair, as this proposed proposal is worded, we would receive 18 notice if the project is overrun by 25 percent. 19 20 If the overrun was at 24 percent, we'd never

hear about it, and I think that would be -- I
think the ultimate cost is just something that
we should just be informed of.

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So I would add to this language {sec 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

that, upon completion of the project, that they inform the Committee of the total cost of construction.

CMSR. BAILEY: I think if we're 4 5 getting the information for education purposes, to see how close they are to the budget, that 6 7 we should get it no matter what the under or over number is. Maybe it will be less than 8 9 what they budgeted. And then we put the Applicants on notice that this may be something 10 11 we look at in the future to condition a certificate, to holding them within the 12 budgeted amount, and find out if there's a way 13 14 to protect ratepayers from a great difference 15 between the budget and the actual cost. But 16 not this time. This time we're just getting 17 information. So we should get the number, whatever it is, and compare it to the projected 18 19 number. PRESIDING OFFICER ROSS: 20 Yes. 21 DR. BOISVERT: Ultimately, the public 22 will know how much the project costs because 23 reporting this goes to FERC, ISO, probably to

the PUC, anyway.

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I took this suggestion to be 1 raising a flag along the way, so that during 2 the process any cost overruns will be 3 recognized and will give the public an 4 opportunity to comment on it while things were 5 still in process, as opposed to finding out 6 7 that it's a fait accompli, that it has happened. Maybe I'm misunderstanding. 8 But I 9 thought the purpose was to give the Site 10 Evaluation Committee, the PUC, notice during 11 construction as opposed to what we might find out ultimately at the end. And perhaps I'm not 12 understanding it that way -- I'm 13 misunderstanding it. 14 15 PRESIDING OFFICER ROSS: Well, the 16 language agreed to does refer to "forecast 17 updates." So I assume there may be some lead Perhaps the Applicant could tell us. 18 time. It talks about a "Certificate Holder with its New 19 20 England Regional System Planning forecast 21 updates." So those updates are filed regularly 22 as construction proceeds? Perhaps you could 23 help us. I'm not sure of the 24 MR. NEEDLEMAN:

1	frequency of the updates.
2	AUDIENCE MEMBER: Quarterly.
3	MR. NEEDLEMAN: Quarterly I'm told.
4	One other point of information
5	that might be helpful. My understanding is
6	that ISO has limits on costs associated with
7	project budgets, and if those limits are
8	exceeded by some percentage, the Project is
9	required to go in for an ISO review. And FERC
10	also retains jurisdiction over prudence review
11	of the Project. So, to the extent the
12	Committee has concerns about those overruns,
13	there is other regulatory oversight for those.
14	PRESIDING OFFICER ROSS: Any thoughts
15	on modifying the language slightly from what's
16	been proposed?
17	DR. BOISVERT: I think I'm willing to
18	support the agreement between Counsel for the
19	Public and the Applicant. I think they worked
20	out a good-faith response to concerns. And I
21	think at this point we're maybe getting a
22	little too detailed and working at maybe
23	cross-purposes. I think they did make a
24	good-faith effort to come to an agreement, and
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I'd like to, I guess, leave it to the guidance 1 we received from Counsel for the Public. 2 PRESIDING OFFICER ROSS: Any other 3 thoughts on this? 4 CMSR. BAILEY: So, Dr. Boisvert, are 5 you suggesting that if it comes in at 6 7 24 percent over budget, they don't have to tell us? We'll only know if it's more than 8 25 percent? 9 DR. BOISVERT: Yes. Where do we cut 10 11 the line? Do we set it at 10 percent or --CMSR. BAILEY: I wouldn't set it at a 12 percent. I mean, if we're getting it for 13 14 information purposes, let them just tell us what it is. 15 16 DR. BOISVERT: Any cost overrun. 17 CMSR. BAILEY: Yeah, just so we know. I mean, 10 percent, we could probably live with 18 that. 19 20 MS. WEATHERSBY: A suggestion would 21 be to use Counsel for the Public's language as 22 one condition, and a second condition is just 23 that they report the final construction costs to us, so we're getting updates along the way 24

1 if there's significant overruns than at the end getting the information. 2 So I would be in favor of making a two-part requirement. 3 PRESIDING OFFICER ROSS: Any other 4 5 thoughts? DR. BOISVERT: She does make a good 6 7 point. And maybe the percentage is -- we just want to know what the overrun is, whatever it 8 might be. And as I rethink it, you are 9 10 persuading me to your line of thinking. So 11 I'll let you make the amendment. CMSR. BAILEY: Oh, I thought 12 Ms. Weathersby's was brilliant. 13 PRESIDING OFFICER ROSS: 14 Ms. 15 Weathersby, would you like to make the 16 amendment? I don't think we need 17 CMSR. BAILEY: an amendment. We just need a second condition. 18 I mean, we can vote on Dr. Boisvert's motion to 19 20 approve Counsel for the Public and the 21 Applicants' suggested condition and then add 22 another one, that they supply the final 23 budget -- or the final costs after it's 24 completed.

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So, did anybody second Dr. 1 2 Boisvert's? DR. BOISVERT: I didn't think I made 3 a motion. I was just commenting on it in 4 5 general. PRESIDING OFFICER ROSS: Why don't 6 7 you go ahead and make your motion. And you can reference the letter of July 11th if you'd 8 like. 9 MR. IACOPINO: Do you have a copy? 10 Ι 11 have one if you need it. DR. BOISVERT: All right. 12 I move that -- thank you. I move that the Committee 13 14 accept the agreement developed in consultation 15 by Counsel for the Public and the Applicants, 16 as codified in their letter of July 11th, 17 today, that the Committee accept that recommendation for the language regarding cost 18 containment and that -- shall we incorporate 19 20 your -- let me move, subject to any amendments 21 or other conditions. 22 PRESIDING OFFICER ROSS: All right. 23 Do we want to add to it or just vote on it and do a separate one? Do we have a second? 24

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89 CMSR. BAILEY: Second. 1 2 PRESIDING OFFICER ROSS: Okav. **A11** of those in favor of the condition agreed to by 3 Counsel for the Public and the Applicant, which 4 has just been moved by Dr. Boisvert, indicate 5 so by saying "aye." 6 7 [Multiple members indicating "aye".] PRESIDING OFFICER ROSS: Any opposed? 8 [No verbal response] 9 PRESIDING OFFICER ROSS: All right. 10 11 Any other conditions? Ms. Weathersby. MS. WEATHERSBY: 12 Yes. I guess I will move that, as an additional condition, the 13 Certificate Holder shall -- I don't know what 14 15 the trigger is for its completion. But within 16 45 days or 30 days -- within 30 days of the 17 completion of the Project notify the Committee of its actual expenditures for the entire 18 Merrimack Valley Reliability Project. 19 PRESIDING OFFICER ROSS: And do we 20 21 have a second? 22 DR. BOISVERT: Second. 23 MR. IACOPINO: I just want to request a clarification. That's within the state of 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

1 New Hampshire, I assume, 'cause remember a portion of this project is outside the state of 2 New Hampshire. 3 PRESIDING OFFICER ROSS: I think the 4 letter indicates that. 5 MS. WEATHERSBY: Right, between -- I 6 7 guess we'd only be interested in the state of New Hampshire. So, yes, within the state of 8 New Hampshire. 9 10 MR. IACOPINO: I mean, if you want to 11 make it the whole thing, such as indicated in the letter, that's fine as well. 12 But just so that there's -- so we're clear on what they 13 have to do --14 15 MS. WEATHERSBY: My motion will 16 pertain only to the portion of the line within 17 the state of New Hampshire. PRESIDING OFFICER ROSS: 18 Is there a 19 second? MS. ROBERGE: 20 I second. 21 PRESIDING OFFICER ROSS: Okay. Is 22 there any discussion? 23 MR. NEEDLEMAN: May I comment? I'm 24 sorry.

PRESIDING OFFICER ROSS: Certainly. 1 2 MR. NEEDLEMAN: Just two thoughts. I'm not sure it's possible to break it down 3 just by New Hampshire. I would need to 4 consult. But also, in terms of defining 5 "completion," would it be possible to define 6 "completion" as within 30 days of the last 7 filing with ISO? Otherwise, I'm not sure we 8 have a benchmark we can understand. 9 PRESIDING OFFICER ROSS: 10 Are you 11 amenable to amending it to triggering completion with the last filing with ISO? 12 MS. WEATHERSBY: I just don't 13 14 understand the process either. Whether the 15 last filing with ISO is their indicating 16 completion, in which case they could file with 17 us at the same time or... I don't have enough information to really respond to that. 18 PRESIDING OFFICER ROSS: 19 I'm not sure 20 the board does. I think we can certainly work 21 with the language later with the Applicant if 22 there are problems. And maybe rather than 23 trying to dialogue on it now, we should just make our decision and --24

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MR. IACOPINO: Madam Chair, if I 1 could just advise you that another way that you 2 could do it, since all this is, is just a 3 report, is you could use the date of commercial 4 operation as a date that triggers the report --5 in other words, once the lines are put into 6 7 use -- because that is something that I think the Applicant will know that day. So they 8 would have a date certain by which they would 9 file their report. 10 11 MS. WEATHERSBY: And I will amend my motion from date of construction to the date 12 the lines are put into use. 13 Didn't we have 14 CMSR. BAILEY: 15 information on the record about the costs for 16 the New Hampshire portion of the project? 17 PRESIDING OFFICER ROSS: I believe we did, yeah. 18 19 CMSR. BAILEY: So how can they -- I 20 mean, can I ask Mr. Needleman how they could 21 estimate the New Hampshire portion and not be 22 able to know what the actual costs --23 PRESIDING OFFICER ROSS: Well, I think I'd feel more comfortable if we just 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

deliberate at this point. I mean, I think I'm concerned we get into too much dialogue with the Applicant, and it may not be fair to other parties. I think we need to figure out what we need for information, and then the Applicant can worry about how they meet that requirement.

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7 CMSR. BAILEY: Okay. Maybe what we 8 should do is require them to provide the projected costs of the entire project, the 9 10 actual costs of the entire project, and their 11 allocation of the costs to the New Hampshire portion. And if it seems like it's really out 12 of proportion with the ratio of what they gave 13 14 us in the record for the New Hampshire portion 15 compared to the entire project, then we'll know 16 whether it exceeds the estimate and by what 17 percent.

PRESIDING OFFICER ROSS: I like that 18 formulation myself. I think that captures the 19 20 data we're looking for. I think the total 21 project cost is still relevant, especially 22 against the original estimates. But I think 23 the New Hampshire piece, too, is of interest. And we do have estimates in the record for the 24

{SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

1 New Hampshire piece, so I'm comfortable with 2 that. Would you like to try your 3 motion again? 4 MS. WEATHERSBY: I'll try it again 5 with the amendments we've just been discussing. 6 7 So, within 30 days of the date the line is operational, whatever that 8 technical term was, the Applicant will provide 9 10 the SEC with its forecasted and actual 11 expenditures for the entire Merrimack Valley Reliability Project and its allocation of such 12 13 expenditures to the New Hampshire portion of the line. 14 15 PRESIDING OFFICER ROSS: And do I 16 have a second? 17 MS. ROBERGE: Second. PRESIDING OFFICER ROSS: Okay. 18 And then all in favor indicate by saying "aye." 19 20 [Multiple members indicating "aye".] 21 PRESIDING OFFICER ROSS: Any opposed? 22 [No verbal response] 23 PRESIDING OFFICER ROSS: All right. Are there other issues now that we need to 24 {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

address?

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MR. IACOPINO: Madam Chair, it is 2 not -- in many of these cases in the past, the 3 Committee or Subcommittee has determined that 4 it was appropriate to put a condition for when 5 construction must be completed by. 6 In some -well, actually, in most of the ones we have 7 had, it's been either a two- or three-year time 8 period that has been laid out there. 9 Another condition that is typically required is that 10 11 the Applicant, once construction is complete and the line is in commercial operation, that 12 the Applicant provide an as-built plan that 13 demonstrates where the actual facility has been 14 15 located, so that if there have been any minor 16 changes or whatnot, we have a document that 17 memorializes that. So those would be two separate conditions that the Committee may wish 18 19 to consider. PRESIDING OFFICER ROSS: 20 I think both 21 of them sound like a good idea. The idea that 22 it could just be an open-ended approval that 23 could be constructed anytime in the next 10 or 15 years seems really not a realistic kind of 24

decision on our part. It must have some time 1 2 sensitivity. I don't know what the magic number is. I don't know if people on the 3 Committee with more experience than I know. 4 We can start with what did the Applicant estimate 5 it was going to take. And I know we were 6 7 talking about construction commencing in early 8 2017. Does anyone recall the projected end It's probably in the Application. 9 date? MS. WHITAKER: It appears to me on 10 11 Page 41 of the Application that line service will be December of 2017. 12 PRESIDING OFFICER ROSS: Oh, yeah. 13 14 Thank you. CMSR. BAILEY: So I'll make a motion 15 16 that we condition the Certificate on the 17 Project's completion within three years of the date of the order, which will give them more 18 19 than two years beyond what they anticipated in 20 the application. 21 PRESIDING OFFICER ROSS: Do you want 22 to address the as-built plans in the motion as 23 well? 24 CMSR. BAILEY: Sure. Once the line {SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

is in commercial operation, they file a plan 1 with the Site Evaluation Committee -- as-built 2 drawings, not a plan -- as-built drawings with 3 the Site Evaluation Committee, and that we 4 delegate to our administrator to make sure that 5 they meet all the conditions that we are 6 7 establishing and notify us if any of the reports that they file raise any issues. 8 PRESIDING OFFICER ROSS: Do I have a 9 second for that motion? 10 11 MS. WEATHERSBY: Second. PRESIDING OFFICER ROSS: 12 Any discussion? 13 14 MS. ROBERGE: I just was trying to get clarification. So in three years, what 15 16 happens if they don't meet the three years? 17 CMSR. BAILEY: They would probably have to come back to us and ask us to extend 18 the time line. At that time, we'd know how far 19 20 along they are. But I mean, this is a 21 reliability project. So the ISO wants to get 22 this built. And, you know, the Application 23 says they're going to start in the fourth quarter of this year if they receive approval 24

So it should be finished by then. 1 from us. 2 PRESIDING OFFICER ROSS: Any other comments? 3 [No verbal response] 4 PRESIDING OFFICER ROSS: All right. 5 We have a motion and a second. All those in 6 7 favor indicate by saying "aye." 8 [Multiple members indicating "aye".] PRESIDING OFFICER ROSS: Any opposed? 9 [No verbal response] 10 11 PRESIDING OFFICER ROSS: All right. Any other loose ends? Yes. 12 Madam Chair, I would just 13 MR. ASLIN: remind the Subcommittee that there was some 14 15 discussions about decommissioning. And I did 16 make a recommendation of a condition regarding decommissioning in my closing statement. 17 So if the Subcommittee would like to discuss that, I 18 would remind them of that. 19 Thank you. 20 PRESIDING OFFICER ROSS: Thank you. 21 I had actually forgotten about that issue. We 22 did discuss it. And I think your 23 recommendation, if I'm -- Counsel for Public's recommendation, if I'm recalling it correctly, 24

was something to the effect that, in the event that decommissioning should be required at some time in the future, at that time the Applicant would have to submit a plan to the Site Evaluation Committee for review and approval. Have I got that correctly?

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7 MR. ASLIN: Yes, that's the essence 8 of it. I also had a recommendation, that the 9 Applicants did not agree to, that they provide 10 a periodic report of the need for the Project 11 in the future.

CMSR. BAILEY: And I think we talked 12 about, when we granted a waiver from the 13 requirement to provide a decommissioning plan, 14 15 about the third party conducting the plan if it 16 becomes necessary. And I think we agreed at that time to talk about it now. 17 So I just remind the Committee that we had kind of put 18 that off until -- and said maybe we could make 19 20 it a condition.

I don't want to make unnecessary work for the Applicant, but I do agree that if this line is in service for 40 years, we're not going to be here, and the people that make this

{SEC 2015-05} [DELIBERATIONS DAY 2] {07-11-16}

agreement are not going to be here. So it's 1 2 not unreasonable to keep it on the radar by requiring some kind of periodic -- yeah, we 3 You know, we don't anticipate this is know. 4 5 going to be retired anytime in the next 10 years or next five years. But I don't know how 6 7 often to make that, but I think it's reasonable to keep it at least on their radar screen. 8 PRESIDING OFFICER ROSS: 9 Does anyone have any thought on kind of the reporting 10 11 frequency? MS. WEATHERSBY: I think the proposal 12 kicked around was that they were to report to 13 14 the SEC every 10 years regarding the continued 15 need for the Project and that they would 16 promptly notify us if any retirement 17 obligations arise. And if they arise, the Applicant would submit a decommissioning plan 18 consistent with the SEC rules then in place. 19 20 PRESIDING OFFICER ROSS: How is the Committee feeling about the suggestion that Ms. 21 22 Weathersby is making? 23 CMSR. BAILEY: I think that's a good 24 idea. I think we'll have more experience with

decommissioning plans 10, 20, 30 years from 1 2 now. And the rules may change as to who gets to do the plan. And maybe they'll be the same 3 as they are now, but maybe they won't. And so 4 I think that it's probably wise to just make 5 the requirement that they comply with the rules 6 7 that exist when they know that there is going to be a decommissioning. 8 PRESIDING OFFICER ROSS: 9 Dr. Boisvert, did you have a comment? 10 11 DR. BOISVERT: She started off by saying exactly what I was going to say. 12 Thank 13 you. PRESIDING OFFICER ROSS: 14 All right. 15 Ms. Weathersby, would you like to make that a 16 motion so that we can act on it? 17 MS. WEATHERSBY: Yes. Do I need to repeat it or --18 19 PRESIDING OFFICER ROSS: Yeah. 20 MS. WEATHERSBY: Okay. So I move that as an additional condition we require the 21 22 Applicant to report to the SEC every 10 years 23 concerning the continued need for this project and to promptly notify the SEC of any -- if any 24

1 retirement obligations arise. And if such obligations arise, the certificate holder shall 2 submit a decommissioning plan to the SEC 3 consistent with the rules concerning such plans 4 then in effect. 5 CMSR. BAILEY: And would that be 10 6 7 years from the issuance of our order granting a siting certificate or 10 years from the 8 commercial operation of the Project? 9 10 MS. WEATHERSBY: Ten years from the 11 date of issuing the certificate. CMSR. BAILEY: 12 Okay. 13 PRESIDING OFFICER ROSS: And with that clarification, do I have a second? 14 I'll second. 15 MS. WHITAKER: 16 PRESIDING OFFICER ROSS: All those in favor indicate by saying "aye." 17 [Multiple members indicating "aye".] 18 PRESIDING OFFICER ROSS: Any opposed? 19 20 [No verbal response] PRESIDING OFFICER ROSS: All right. 21 22 Any other items that we've neglected to 23 address? 24 MR. IACOPINO: Just one more motion

1 that needs to be made. If there's no other conditions proposed, there's one other motion 2 that needs to be made. 3 MS. WEATHERSBY: This isn't 4 necessarily a condition, but I just wanted to 5 raise it maybe as not an issue, but I know this 6 7 Committee received an order from the PUC dated June 24th, which was after our last meeting, 8 concerning the approvals for the Project in the 9 Town of Windham, that also had some conditions 10 11 in it. I didn't know if we needed to go back when we talked about the state agencies and 12 loop that one in or not. 13 PRESIDING OFFICER ROSS: 14 Sorry. Ι 15 did look at the transcript. And our decision 16 at that time indicated that we had not yet received the PUC decision, but it incorporated 17 that decision and the conditions at the time. 18 So I think we've acted sufficiently. 19 We 20 anticipated that that would come in, and it has 21 come in. And I don't believe we need anything 22 further. I'll defer to counsel on that 23 question, but --24 MR. IACOPINO: I think your prior

order delegating that authority to the Public 1 Utilities Commission and ordering that the 2 Applicant must comply with those orders from 3 the Public Utilities Commission satisfies that 4 5 requirement. PRESIDING OFFICER ROSS: 6 Any other open items people can think of? 7 8 CMSR. BAILEY: I'm going to make the final motion. 9 PRESIDING OFFICER ROSS: Yes, if 10 11 somebody will tell me what it is. CMSR. BAILEY: It's a wrap-up. 12 Given that we have found the Applicant has the 13 14 financial, managerial and technical capability 15 to site, construct and operate the proposed 16 transmission line, and that the Project will 17 not unduly interfere with the orderly development of the region, and that the Project 18 will not have an unreasonable adverse effects 19 20 on aesthetics, air and water quality, historic sites, the natural environment or public health 21 22 and safety, and that the Project is in the 23 public interest, I move that we grant a Certificate of Site and Facility to Eversource 24

1 and New England Power for the siting, construction and operation of the Merrimack 2 Valley Reliability Project, as described in the 3 Application and its supplements, and subject to 4 the conditions, monitoring and delegation of 5 state agency authority that we have approved. 6 7 PRESIDING OFFICER ROSS: I'll second it. 8 All right. All those in favor 9 10 of that motion indicate by saying "aye." 11 [Multiple members indicating "aye".] PRESIDING OFFICER ROSS: Any opposed? 12 13 [No verbal response] PRESIDING OFFICER ROSS: 14 Thank Okay. 15 you, Kate. I think with that we are adjourned 16 and this docket is closed. (Whereupon Day 2 of Deliberations was 17 adjourned at 12:02 p.m.) 18 19 20 21 22 23 24

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