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                     STATE OF NEW HAMPSHIRE
 2
                  PUBLIC UTILITIES COMMISSION
 3
    February 8, 2024 - 9:04 a.m.
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    21 South Fruit Street
    Suite 10
 5
    Concord, NH
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          [Status Conference also conducted via Webex]
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              RE: DE 19-197
                  ELECTRIC AND NATURAL GAS UTILITIES:
 8
                  Development of a Statewide, Multi-Use
 9
                  Online Energy Data Platform.
                  (Status Conference)
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      PRESENT:
11
                  Chairman Daniel C. Goldner, Presiding
                  Commissioner Pradip K. Chattopadhyay
12
                  Sarah Fuller, Esq./PUC Legal Advisor
13
                  Doreen Borden, Clerk & PUC Hybrid
14
                                 Hearing Host
15
16
    APPEARANCES:
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                   New Hampshire d/b/a Eversource Energy:
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                   Reptg. Unitil Energy Systems, Inc.,
                   and Northern Utilities, Inc.:
                   Patrick H. Taylor, Esq.
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                   (EnergyNorth Natural Gas) Corp.:
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        Court Reporter:
                          Steven E. Patnaude, LCR No. 52
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1 PROCEEDING 2 CHAIRMAN GOLDNER: Okay. Good morning. 3 I'm Chairman Goldner. I'm joined today by 4 Commissioner Chattopadhyay. We're here for a 5 status conference in Docket Number DE 19-197. 6 This status update is being held pursuant to the 7 Commission's ongoing oversight of the development 8 of the Statewide, Multi-Use Online Energy Data Platform. 9 Pursuant to Order Number 26,894, 10 October 13th, 2023, the Governance Council had 11 identified federal funds to subsidize this 12 project. In October, the Commission authorized 13 14 the Governance Council to hire a consultant to 15 coordinate the proposal for the Grid Resilience 16 and Innovation Partnerships Grant. 17 On January 26, the Governance Council 18 wrote to the Commission to provide an update on 19 the progress of the GRIP Grant application. The 20 Commission understands that some of the 21 information provided at the October 2023 meeting 2.2 has changed concerning the Governance Council's 23 planned application of the GRIP grant. The 24 Commission is eager to hear from the parties on

1 the ongoing process of obtaining federal funds to support the project. 2 3 Let's take appearances, beginning with 4 the Department of Energy. 5 MS. SCHWARZER: Good morning. Mary 6 Schwarzer, Staff Attorney, with the Department of 7 Energy. 8 CHAIRMAN GOLDNER: Thank you. And 9 Eversource? 10 MS. CHIAVARA: Good morning, 11 Commission. Jessica Chiavara, here for Public 12 Service Company of New Hampshire, doing business 13 as Eversource Energy. And with me here today is 14 Riley Hastings. 15 CHAIRMAN GOLDNER: Okay. Very good. 16 And Unitil? 17 MR. TAYLOR: Good morning, 18 Commissioners. Patrick Taylor, representing 19 Unitil Energy Systems, Inc. With me today is 20 Justin Eisfeller. 21 CHAIRMAN GOLDNER: Okay. Very good. 2.2 And Liberty? 23 MR. SHEEHAN: Good morning. Mike 24 Sheehan, for the Liberty companies, Liberty

1 Utilities (Granite State Electric) and Liberty 2 Utilities (EnergyNorth Natural Gas). 3 CHAIRMAN GOLDNER: Thank you. Is the 4 City of Lebanon here today? 5 [No indication given.] 6 CHAIRMAN GOLDNER: Okay. Seeing 7 they're not here. Clean Energy New Hampshire? 8 9 MR. EVANS BROWN: Good morning. Sam 10 Evans Brown, Executive Director of Clean Energy 11 New Hampshire. 12 CHAIRMAN GOLDNER: Thank you. And was 13 there someone online from Clean Energy New 14 Hampshire? 15 MR. EVANS BROWN: So, Ethan Goldman I 16 believe is attempting to join us. He was just 17 texting me that he was having trouble with 18 connectivity. So, we should see Ethan Goldman, 19 our consultant, popping online shortly. 20 CHAIRMAN GOLDNER: Okay. Thank you, 21 Mr. Brown. 2.2 And Mission: data Coalition? 23 MR. MURRAY: Good morning, 24 Commissioners. Michael Murray. From

1 Mission:data. 2 CHAIRMAN GOLDNER: Thank you. And 3 UtilityAPI, Incorporated? 4 [No indication given.] 5 CHAIRMAN GOLDNER: Okay. And, then, 6 finally, the Office of the Consumer Advocate? 7 MR. KREIS: Good morning. I'm Donald 8 Kreis, the Consumer Advocate, on behalf of residential utility customers, as per usual. 9 CHAIRMAN GOLDNER: Thank you. And are 10 11 there any other persons that wish to speak today? 12 MR. GOLDMAN: This is Ethan Goldman. 13 Can you hear me okay? 14 CHAIRMAN GOLDNER: Yes. We can. 15 MR. GOLDMAN: Okay. Thank you. 16 CHAIRMAN GOLDNER: And Mr. Evans Brown 17 introduced you earlier. I think you were having 18 trouble connecting. So, we can hear you now. 19 Thank you. 20 MR. GOLDMAN: Thank you. 21 CHAIRMAN GOLDNER: Okay. All right. 2.2 The Commission understands that this status 23 conference was requested to discuss the GRIP application, and that the Governance Council has 24

1 prepared a presentation. 2 Who will be presenting today on behalf 3 of the Governance Council? 4 MS. CHIAVARA: It will be Riley 5 Hastings for Eversource. 6 CHAIRMAN GOLDNER: Okay. 7 MR. TAYLOR: And Justin Eisfeller will also be -- will be presenting for Unitil. 8 9 CHAIRMAN GOLDNER: Okay. 10 MR. EISFELLER: We'll also have Sam 11 Evans Brown present as well. So, there's three 12 presenters. 13 CHAIRMAN GOLDNER: Okay. MS. SCHWARZER: Mr. Chairman? 14 CHAIRMAN GOLDNER: Uh-huh. 15 16 MS. SCHWARZER: The Department would 17 like to make a very brief comment before the 18 presentation begins? 19 CHAIRMAN GOLDNER: Sure. That's fine. 20 The next thing I had in my notes was to Yes. mention that the DOE had concerns about the 21 2.2 approach, and that we wanted to give the 23 Department the opportunity to comment. 24 Would you prefer to do that before or

1 after the presentation? 2 MS. SCHWARZER: Excuse me. What I just 3 wanted to start with is the request that we be 4 allowed to make a very short addendum, after the 5 presentation, but before Commission questions. 6 We certainly support the expanded scope 7 of the federal grant, and wanted to bring to the Commission's attention that the Grant application 8 itself, which was filed on February 2nd, can be 9 10 hard to read in the electronic format. And the 11 Department provided a transcript yesterday 12 evening. 13 CHAIRMAN GOLDNER: Okay. 14 MS. SCHWARZER: Thank you. 15 CHAIRMAN GOLDNER: Thank you. Yes, we 16 just -- the Commission just got that in our email 17 about 20 minutes ago. But we have received it. 18 So, thank you. 19 All right. Anything else, before we 20 begin the presentation? 21 [No verbal response.] 2.2 CHAIRMAN GOLDNER: All right. So, 23 please begin. 24 MS. HASTINGS: All right. This is

1 Riley Hastings, with Eversource. 2 I'm going to present on the first 3 couple slides. I'm going to pass it off to Sam 4 Evans Brown to talk about some of the community 5 benefits pieces, and then Justin will talk about 6 schedule and approval request at the end. 7 So, to get started, I'm going to be 8 talking about the Grant and the Grant Concept Paper, and the decision to move to a regional 9 10 approach, as well as sort of a brief summary of 11 our proposal that we included in the Grant 12 Concept Paper, the regional interest that we've 13 seen so far, the community benefits and the risks 14 will be discussed by Sam Evans Brown and Justin Eisfeller. 15 CHAIRMAN GOLDNER: And would the 16 17 speakers prefer that the Commission or the other 18 parties wait until the end or would you prefer 19 questions as we go? Do you have a preference? 20 MR. EISFELLER: Questions as we go is 21 fine. 2.2 CHAIRMAN GOLDNER: Okay. Everybody is 23 okay with that? 24 [Multiple parties indicating in the

1 affirmative.] 2 CHAIRMAN GOLDNER: Okay. Okay, yes. 3 So, anyone, as we go, anyone, please just ask as 4 we go. 5 MS. HASTINGS: Okay. Great. Do you 6 want to go to Slide 3? 7 Oh, yes. And, at the very end, on the agenda, at the very end, Justin will be very 8 clear about what the approval is that we're 9 10 seeking today. But I think I went through this 11 while we weren't on that slide. You can go to 12 the next slide. 13 Okay. So, first, we just wanted to --14 I think you may have seen this slide, or 15 something very similar to it, before, but we just 16 wanted to present some highlights from the 17 Funding Opportunity Announcement that related to 18 this grant, and why we think that we're a good 19 candidate for Topic Area 2 of the Grid Resilience 20 and Innovation Partnerships Grants offered by the 21 U.S. DOE. 2.2 So, the projects are focused on 23 innovative and ambitious uses of cutting-edge, 24 market-ready technologies, which can include

1 software tools, along with other things. What 2 we're -- the new data energy hub would fall under 3 that "software tools" category. 4 And some of the priority investments 5 include enhanced interoperability and data 6 architecture of systems that support two-way flow 7 of data, both electric power and local analytics, 8 to provide information between electricity system 9 operators and consumers. And, obviously, what 10 we're trying to do here is provide analytics and 11 data to consumers. And some of the allowable investments 12 13 include purchase costs in software, expenditures 14 from installing equipment that allows Smart Grid 15 functions to operate, and documented purchase 16 costs of data analytics. 17 So, these are all pieces that we're 18 contemplating in this project. 19 CHAIRMAN GOLDNER: Can I just ask you 20 there? 21 MS. HASTINGS: Yes. 2.2 CHAIRMAN GOLDNER: Under your "Priority 23 investments include", and you mentioned this, it 24 talks about the "two-way flow of both electric

1 power and localized analytics". I understand the 2 "localized analytics" part. But how does this 3 support the two-way flow of electric power? 4 Because there's an "and" statement in 5 there, so, I assume it has to be both. 6 MR. EISFELLER: The data being shared 7 is also shared with third party -- third parties, 8 that may provide services to the customers, and 9 services to others in the region. So, I would 10 expect that, you know, distributed energy 11 resources, those opportunities, would benefit 12 from the sharing of this data as well, which has 13 an indirect benefit on the regional power flow. 14 Reduction in demand, localized provisions of 15 energy, all that is enabled by the sharing of 16 this data. 17 CHAIRMAN GOLDNER: So, you're not 18 changing the scope of what we've been talking 19 about, you're -- and you do believe that what 20 you're moving towards fits the description for 21 the federal funding. Are both statements true? 2.2 MR. EISFELLER: Correct. 23 CHAIRMAN GOLDNER: Okay. 24 MR. EISFELLER: The extensibility of

1 the platform, too, would allow for the platform 2 to manage external data. But that's not contemplated at this time. 3 4 CHAIRMAN GOLDNER: Okay. Okay. Yes, 5 that was really one of my main questions for 6 today, is we're not talking about changing the 7 scope of the project, other than other regional 8 connections, other states, you know, potentially 9 using the same system. But the scope of what 10 we're talking about is still the same? 11 MR. EISFELLER: Correct. 12 CHAIRMAN GOLDNER: Okay. Thank you. 13 CMSR. CHATTOPADHYAY: And I have a 14 follow-up. And just to make sure I understand 15 what is being proposed. 16 Because you're going regional, is there 17 any accommodation of, you know, when you talk 18 about "two-way flow", at the end customer's 19 premise, are there things that, you know, like 20 Smart Grid-wise, that this will allow, or that is 21 not the part of the mix? 2.2 And, as I understood from the previous 23 question and the answer, it wasn't. But I just 24 want to understand for sure.

1 MR. EISFELLER: Yes. So, I'm going to 2 try to paraphrase your question first, to make 3 sure I understand it. 4 So, you are asking whether there are 5 behind-the-meter devices that this platform may 6 share data, usage data on -- or other type of 7 information on it? CMSR. CHATTOPADHYAY: Correct. 8 9 MR. EISFELLER: So, the system is, as 10 designed, would be capable of that, but that is 11 not currently contemplated. So, that is not 12 within the scope. The platform design could 13 accommodate that, due to its extensibility and 14 use of APIs. But, at this point in time, that's 15 not contemplated. 16 CMSR. CHATTOPADHYAY: Okay. So, --17 MR. EISFELLER: Nor is it included with 18 this regional proposal. 19 CMSR. CHATTOPADHYAY: Okay. So, the 20 investments are -- the allowable investments here 21 does not include that. Okay. 2.2 MR. EISFELLER: Correct. 23 CMSR. CHATTOPADHYAY: Okay. Thank you. 24 MS. HASTINGS: All right. Shall we

1 move to the next slide? All right. 2 Okay. All right. So, now, we just 3 want to talk about what encouraged us to move to 4 this regional approach. So, we didn't learn 5 until late last year that they were -- that the 6 U.S. DOE, in a presentation that they gave on the 7 next round of funding, had a statement in there 8 that they were "expecting a \$10 million grant 9 award", which was quite different from the grant 10 that we were originally proposing, and what we 11 had originally been planning on, on providing our 12 paper around. So -- and the \$10 million grant 13 award means a \$20 million project. So, it's a 14 50 percent grant match. 15 So, this was a significant change. 16 They also, U.S. DOE, on that call stated their 17 "strong preference for larger, regional consortia 18 type projects" that they were looking for as part 19 of their grant awards. 20 And, so, at the same time that the 21 Governance Council was talking about this, we 2.2 also brought in West Monroe. And we 23 collaboratively agreed that a shift to a larger, 24 regional approach would probably be the most

1 successful strategy for creating a grant that 2 would be large enough, and would also hopefully 3 appeal to the U.S. DOE, based on their desire for 4 regional approaches. 5 So, there's still quite a few details 6 to be figured out, in terms of what a regional 7 approach might look like, and we're prepared to 8 provide updates as necessary. 9 But the overall intent is to defray 10 costs for New Hampshire with the regional 11 And the design that we're pursuing is approach. 12 still, per the questions on the previous slide, 13 we're still pursuing the same design. And, when 14 we submit the RFP for looking for a vendor for 15 the hub, we plan on asking them to provide 16 estimates that are New Hampshire-only, based on 17 our current project design, and a regional 18 approach, so that we can see the differences in 19 the costs based on those two different paths. 20 And we also will need to come up with 21 an equitable measure -- method of cost-sharing, 2.2 if we did take on this regional approach, but we 23 haven't yet contemplated that. 24 Any questions on this slide, before I

1 move on? 2 CHAIRMAN GOLDNER: Do you have any 3 sense or idea what the total regional approach 4 would cost? I guess I'm assuming 20 million, and 5 then, if it was just New Hampshire, what it would 6 cost? Do you have any thoughts on that? 7 Because, if the New Hampshire approach 8 is less than 10 million, and, you know, and New Hampshire is paying, for whatever reason, the 9 10 bulk of the balance of the regional approach, 11 then it may make sense not to -- not to go 12 regional, depending on how many other states 13 participate. 14 MS. HASTINGS: Thank you. 15 MR. EISFELLER: I'll take my shot at 16 that. 17 The expectation is that you'll have 18 both options presented to us, as well as the 19 Commission. And it will be apparent as to 20 whether there's value for the New Hampshire 21 customers to engage in a regional platform. 2.2 So, there's no decision being made. We 23 expect to design the platform and cost the 24 platform both ways, so that we have the ability

to make that decision.

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2 The goal is to provide benefit to New 3 Hampshire customers. So, if there is no benefit, 4 incremental benefit to a regional approach, then 5 I think you'd find that the Governance Council 6 does not recommend a regional approach. 7 CHAIRMAN GOLDNER: And you'll have that 8 ready end of May, is that how to read this? 9 MR. EISFELLER: The goal would be to 10 have all that presented. And the proposal, I'm 11 sure there will -- those will be estimates at 12 that point in time. And, then, as we move into 13 the fall, we'll have more detailed estimates from 14 our RFP that we're pursuing for the hub design 15 and hub delivery. So, we should have better 16 numbers by the time we get to the point where 17 we're thinking or contemplating decisions. 18 CHAIRMAN GOLDNER: Okay. So, estimates 19 end of May, and then firmer numbers end of the 20 year, something like that? 21 MR. EISFELLER: Correct. 2.2 CHAIRMAN GOLDNER: Okay. Thank you. 23 MS. HASTINGS: Okay. So, --24 CMSR. CHATTOPADHYAY: Can I? Sorry.

1 MS. HASTINGS: Yes. Go ahead. 2 CMSR. CHATTOPADHYAY: When is a 3 decision expected from, you know, the DOE? 4 MS. HASTINGS: We think 5 October/November timeframe. 6 CMSR. CHATTOPADHYAY: Okay. 7 MR. EISFELLER: Yes. The goal there is 8 to have feedback from our proposal from the national DOE, and then have all of our estimates 9 10 from the vendors, as well as the benefit study 11 information updated at that time, to present an 12 overall picture of the New Hampshire costs and 13 the regional costs, for presentation and recommendation to the Commission in the late 14 15 October/early November timeframe. 16 CMSR. CHATTOPADHYAY: Thank you. 17 MS. HASTINGS: All right. If there are 18 no other questions, we'll move on to the next 19 slide. 20 So, the minimum project size was going 21 to have to be 10 million. We've come up with a 2.2 preliminary budget, and this is still, as we get 23 to -- this is just a concept paper. So, there 24 are a lot of details. This budget was quite

1 preliminary. But we came up with 14.5 million 2 for a grant, which would actually be a \$29 3 million project, not a \$20 million project, with 4 a 50 percent match. 5 The goal is to reduce costs to 6 ratepayers for the platform that would have 7 already been incurred, if the platform project was deemed reasonable by the Commission. 8 Monies from the grant are expected to 9 10 be split between buying down the platform and 11 then assisting with program offerings, which 12 would include services provided by partner 13 organizations to provide benefits to customers 14 and invest in community outreach, education, 15 connecting third parties to the platform, and 16 providing municipal benefits, which is an 17 important component in a U.S. DOE grant, the 18 Justice40, making sure that benefits are being 19 realized by disadvantaged customers is an 20 important component. 21 So, we feel like there will be value 2.2 regardless of a grant award as a result of the 23 vendor and service provider relationships and 24 plan development for communications and customer

1 engagement that would happen as a result of 2 developing this Grant Concept Paper and 3 application. 4 And the full application is due 5 May 22nd, at which point we'll have a definitive 6 list of participating utilities, stakeholders, 7 and project budgets. But, at this point, all of this is preliminary and can -- open to change. 8 CHAIRMAN GOLDNER: And, when you -- on 9 10 the second bullet, you say "Grant requires a 11 50 percent match from participating companies". 12 By that, you mean "ratepayers", right? It comes 13 through Eversource or Liberty, or wherever, but 14 it's funded by ratepayers, not by the company, 15 right? 16 MS. HASTINGS: It would be funded by 17 ratepayers, and any other partners that are 18 contributing funds. 19 CHAIRMAN GOLDNER: And what do you have 20 lined up there? I mean, what kinds of 21 participants would there be to -- in this match? 2.2 Like, do you have some examples? 23 MS. HASTINGS: I don't think we have 24 those details yet. We still need to figure that

1 out. 2 CHAIRMAN GOLDNER: Mr. Evans Brown? 3 MR. EVANS BROWN: Well, and just to 4 venture here, I actually think the activities of 5 the entities that would be providing community 6 benefits would also be offered up as match. 7 So, for instance, our Circuit Rider 8 Program already has staff on the ground. And, 9 insofar as that staff is being leveraged as part 10 of the community work, community outreach, 11 awareness-building about the platform, I think 12 that also can be offered up as a match as part of 13 the program budget. 14 I think a lot of that is yet to be 15 sorted out, though, since we're still only at the 16 concept paper phase. 17 CHAIRMAN GOLDNER: So, would that have 18 the effect, I'm just trying to understand what 19 you just described, would that have any effect of 20 reducing costs for ratepayers, because this would 21 eat into the 50 percent that the ratepayers would 2.2 otherwise be paying? 23 MR. EVANS BROWN: I don't know that I 24 can necessarily promise that. What I think I can

1 say is that, when you look at the overall \$20 2 million grant budget, there will be match that is 3 leveraged from the utilities, which, obviously, 4 is coming from ratepayers, as our friend, Don 5 Kreis, likes to point out, "there's only one 6 wallet." 7 But, also, there's going to be match 8 that's going to be leveraged that's coming from 9 other project partners, such as ourselves, such 10 as the Community Power Coalition. And working out those budgets and allocating the match will 11 12 be the bulk of the work of creating the grant 13 proposal. 14 So, I don't necessarily know that less 15 can be, you know, that we will be paying for 16 development of the platform, but the whole 17 \$20 million grant budget is not necessarily 18 coming from the utilities. 19 And my colleagues can correct me, if 20 they think I'm speaking out of turn. 21 CHAIRMAN GOLDNER: And I think I'll 2.2 just say, what the Commission would be interested 23 in, in the end, when the proposal comes down, is 24 how much is the DOE -- U.S. DOE paying, how much

are ratepayers paying, and how much are, you 1 2 know, other participants or other parties paying? 3 That would be an important breakdown. 4 I'm sure that's obvious. But, just to be clear, 5 that would be something we would want to see. 6 CMSR. CHATTOPADHYAY: So, for the GRIP 7 national DOE funding opportunity, obviously, 8 others are also vying for it, right? So, they're 9 competing. And the first question I had asked 10 11 before, about what's going to happen at the end 12 customer end, or behind-the-meter, okay, do 13 you -- do you know whether the funding 14 opportunity here puts a limit on what parties can ask for? 15 16 I mean, there might be others who may 17 say "I didn't include the behind-the-meter 18 customers", because you're talking about, you 19 know, also reaching out to customers who don't 20 have the financial bandwidth. 21 So, I'm just trying to understand, 2.2 where does the GRIP funding construct end? So, 23 if it is the case that the -- if it is the case 24 that behind-the-meter, that is also part of the

1 story, is the fact that the way you have built 2 it, you know, given what we have worked on 3 previously, you're not going to rely on that, 4 does that create some sort of a disadvantage? 5 I'm just trying to understand. 6 MR. EISFELLER: Let me see if I can 7 answer the first question. Right now, we are not contemplating 8 9 adding any additional data fields to the design 10 of the platform. The Grant proposal will include 11 monies for use of the platform, and the use of 12 the platform will likely include services that 13 benefit the customers directly, and may provide 14 benefits to distributed energy resources, and 15 other cost-saving opportunities for customers. 16 So, part of the Grant proposal will 17 include monies for other than building the 18 platform, --19 CMSR. CHATTOPADHYAY: Okav. 20 MR. EISFELLER: -- for the use of the 21 platform. So, that's all being discussed. We 2.2 expect to have partners selected for that, for 23 that effort, and describe the services that they 24 provide as part of the proposal.

1 CMSR. CHATTOPADHYAY: As you may guess, 2 I'm really hoping that whatever is proposed is 3 actually very competitive. And, whether it's 4 competitive or not, depends on how the national, 5 you know, DOE looks at it. And, so, do you 6 have -- that's why I was asking, you know, what 7 are they looking for, and do you have a good sense of that? And that may include other 8 9 elements. So, thank you. MR. EISFELLER: One of the reasons that 10 11 we selected West Monroe as a consultant is they 12 have experience with these grant proposals. And 13 their advice was that we needed to expand the 14 proposal beyond just the building of the hub, 15 which is what we've included in this discussion, 16 and you'll hear more of it from Sam Evans Brown 17 in his discussion. 18 There's still work to be done on 19 defining and selecting those services that we 20 want to include as part of the proposal. But 21 that's the intent. That a portion of the monies 2.2 will go to expedite the use of the platform, 23 provide services up front, educate, such that we 24 are expediting the benefits to the customers.

1	CMSR. CHATTOPADHYAY: Thank you.
2	MS. HASTINGS: All right. With that, I
3	am going to pass it off to Sam Evans Brown.
4	MR. EVANS BROWN: All right. So, the
5	next slide please.
6	[Court reporter interruption.]
7	MR. EVANS BROWN: A general reminder
8	that I tend to talk too fast for the
9	transcription.
10	So, I'm going to use this slide to just
11	remind us all of the performance of the community
12	benefit portion of the GRIP application. Making
13	sure that actual people are benefiting from these
14	grant proposals is crucial in the scoring and the
15	competitiveness of our application. The DOE does
16	not want to just give out money to, you know,
17	create widgets that sit in the ether of the
18	internet and don't get used. They want people to
19	actually benefit from them. As such, the
20	community benefits portion of the application is
21	key to our likelihood of success.
22	And I would remind the Commission that,
23	based on the Dunsky Benefit-Cost Report, that
24	it's also crucial to maximizing the benefit for

1 ratepayers, New Hampshire ratepayers in 2 particular, of the platform. That, again, if it 3 doesn't get used, the benefits aren't going to be 4 created. And, so, this is work that likely we 5 should be doing anyway, as a coalition on the 6 Council, in order to make sure that this 7 investment is maximized for New Hampshire 8 ratepayers. 9 The entities that you see listed on 10 this slide are the ones that have already 11 suggested that they would be interested in trying 12 to work on the community benefit portion. There 13 are more that I think we could line up. And, in

particular, we've heard from the Northeast Energy Efficiency Partnerships, that they would be interested in trying to help in organizing a coalition of service providers that we would leverage to get the word out about the benefits of the platform.

20 So, the next slide.
21 CHAIRMAN GOLDNER: I'm sorry, before
22 you move to the next slide.
23 Just I'll note a couple of things on

24

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this slide that are -- they're interesting, and I

1 just wanted to get the perspective, and it's 2 actually a question I'll direct at the utilities. 3 So, if we look at the "Utility Leads", 4 I think most of them are in the room today, 5 except for National Grid. But we have quite 6 different levels associated. We have the CTO of 7 Unitil, and then we've got, you know, analysts 8 and directors, and so forth. And I'm sure the 9 Companies have been thoughtful about providing 10 the right leads for the project. But I just 11 wanted to make sure that we have visibility into 12 the -- at the executive level, through these 13 organizations, so that -- so that this doesn't 14 get lost in the translation. 15 So, if you're the CTO, then you have 16 visibility across the board, and that's covered. 17 But can Eversource and Liberty sort of 18 address, like, organizationally, how that gets 19 communicated to the C-suite? 20 MS. CHIAVARA: Yes. Eversource has an 21 internal steering committee, and we regularly 2.2 brief them on the progress. So, there are a 23 number of business groups who are briefed on this 24 regularly.

1 CHAIRMAN GOLDNER: Okay. And, then, at 2 what level do you communicate up to? Is it through the president and the CEO? 3 4 MS. CHIAVARA: To the vice president 5 level, and I'm sure that trickles on up from 6 there. 7 CHAIRMAN GOLDNER: Okay. Liberty? 8 MS. TEBBETTS: Yes. I can speak to 9 that. 10 I have personally had conversations all 11 the way up to our Chief Operating Officer, in 12 Oakville, to discuss where this platform is 13 today, and where we expect it to go in the 14 future. They do understand that we are asking 15 for these funds. And that, until we get confirmation that we've received the funds or 16 17 will not receive the funds, we are working 18 towards building something so that we can present 19 to them, and also to you. 20 CHAIRMAN GOLDNER: Okay. Thank you. 21 My encouragement would just to be make sure Yes. 2.2 this has the right level of visibility through 23 the utilities. 24 And, then, a question for you,

1 I noticed in -- is there anyone Mr. Evans Brown. 2 in the room that can't hear the confidential 3 information? 4 [No verbal response.] 5 CHAIRMAN GOLDNER: No? So, in the 6 confidential filing made by the DOE, last night 7 or this morning, one of the items on the list was 8 40 percent of overall benefits flow to 9 disadvantaged communities. 10 It's a question, I guess, for you, 11 Like, doesn't that change the Mr. Evans Brown. 12 scope of the sort of New Hampshire project when 13 we go regionally, and we have these different 14 requirements coming from the DOE? Can you talk 15 to the scoping of the project, and how you see 16 this working, from a funding point of view? 17 MR. EVANS BROWN: That 40 percent 18 requirement is an across-the-board requirement 19 that the Biden Administration has said is going 20 to apply to all of their federal programs. It's 21 an interpretation. There's a variety of ways 2.2 that it can be interpreted. And there's 23 different guidance documents from different 24 agencies of exactly what that means.

1 So, that, I think, first of all, 2 selecting the definition that the DOE would like 3 us to use, and then determining how to direct 4 those benefits, is something that is absolutely 5 going to be a focus of the development of the 6 full proposal. 7 I actually think that, in terms of 8 making the Grant application more competitive, working with more regional partners will make it 9 10 easier to hit that metric of 40 percent of the 11 benefits going to disadvantaged communities. 12 Because, frankly, if you look at the 13 maps of who is qualified for Justice40 that the 14 federal government has made available, New 15 Hampshire doesn't have a large swath of the 16 population that is represented on those maps. 17 And, as such, working with regional partners may 18 make the grant more competitive, because it will 19 be easier to show how those communities are going 20 to benefit. 21 I'm not sure if that answers your 2.2 question, so, please --23 CHAIRMAN GOLDNER: It does, actually. 24 MR. EVANS BROWN: Okay.

CHAIRMAN GOLDNER: It does. I was just doing the mental math of the disadvantaged communities in New Hampshire, versus the 40 percent here, and was unable to correlate how that would happen.

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6 MR. EVANS BROWN: Well, and, so, to 7 speak to how I, personally, have been thinking 8 about how to help those communities in our work, I think a lot of it relies on working with the 9 10 entities and agencies that are already serving 11 those communities. So, I think of the Community 12 Loan Fund, of New Hampshire Housing, of the CAP 13 Agencies, and exactly how is it that we can 14 partner with them to make sure that, you know, 15 all of our programming, but also the Data 16 Platform, in particular, relevant to today's 17 conversation, are reaching those communities. 18 I personally think there's a lot of --

19 I think New Hampshire Housing is a perfect 20 example of an entity that we should make aware of 21 this, and the landlords, in particular, that are 22 developing housing with LIHTC, so that they know 23 the capabilities of the Data Platform, so that 24 they can be taking advantage of that when they

1 are looking to redevelop housing or to make any 2 improvements in multi-family housing units. 3 That, to me, is a perfect example of the type of 4 community benefit work that we might engage in, 5 if we were funded to do so through the GRIP 6 proposal, the GRIP grant. 7 CHAIRMAN GOLDNER: Thank you. And, 8 just as we go through the day here, I'm just 9 trying to understand, you know, we originally had 10 a proposal that was very, let's say, computer 11 science centric. You know, we were building this 12 thing. And, then -- and, now, we're sort of 13 broadening it into outreach and some other 14 things, which are, of course, necessary in any 15 implementation. But that the Commission in the end 16 17 would just want to understand how much is going 18 towards the core implementation of the computer 19 program, and how much is going towards outreach 20 and other sort of necessary activities? You 21 know, how does the DOE funding relate to that? 2.2 And I know this is all in front of you, but just sharing the Commission mindset as we 23 24 move forward. So, --

1 MR. EVANS BROWN: And I think I 2 wouldn't be out of place in restating what we said in the last status conference. Which was 3 4 that, roughly speaking, we would imagine that 5 50 percent of the grant funds would go towards 6 buying down and defraying the costs of the 7 platform, roughly 50 percent would go towards community benefit work. 8 9 The regional approach may change those 10 numbers. In particular -- well, I am not a 11 software guy. So, I won't venture to speak about 12 how software costs are allocated. But Ethan has 13 said to me "Any software vendor that increases 14 the per seat cost as the number of seats rises 15 goes out of business quickly." 16 So, if this becomes a regional 17 platform, the software cost portion, 18 theoretically, might fall. And, you know, maybe 19 I'm giving Justin heartburn by saying that, but I 20 think, as a general statement, that's likely 21 true. 2.2 CHAIRMAN GOLDNER: Would you compare to 23 comment or --24 MR. EISFELLER: I've been asked not to

1 speculate. 2 MR. EVANS BROWN: And perhaps I 3 shouldn't either. 4 CHAIRMAN GOLDNER: Mr. Taylor wants to 5 take a bathroom break, so we can -- then, can we 6 ask you to speculate? 7 [Laughter.] CHAIRMAN GOLDNER: All right. We can 8 9 proceed. Thank you. MR. EVANS BROWN: Next slide. 10 11 CMSR. CHATTOPADHYAY: A clarifying 12 question. Sorry. So, based on the discussion that we 13 14 were having, this -- the project being \$29 15 million, does that include everything? Or, when 16 you were talking about "other partners", they 17 bring their requirements separately? 18 MR. EISFELLER: It includes everything 19 contemplated for the Energy Data Platform. So, 20 the back-end design work, back-end build work, 21 the hub design work, the hub build work, as well 2.2 as monies for providing services as designed in 23 the proposal. 24 So, and as Sam had mentioned, our

1 expectation is that we -- those, the funds, the 2 grant funds would be split 50/50 approximately, 3 between buying down the cost of the platform 4 design and build, which includes all those 5 components, including the utilities' back-end 6 work, and 50 percent to the services being 7 provided. We're working through those details 8 You know, that's not an exact formula. 9 now. We 10 will see what the actual costs bring to the 11 table, and we'll make a proposal to the 12 Commission at some point. 13 CMSR. CHATTOPADHYAY: So, is it fair to 14 say, I'm trying to process the information, this 15 is going to be a comprehensive approach, rather 16 than expecting others to also, even though they 17 may tag on, but, you know, they may request 18 additional money through the funding? 19 MR. EISFELLER: It's hard for me to 20 speculate what additional vendors may come along 21 as we start to roll this thing out.

23 MR. EISFELLER: But I would expect, if 24 we are able to get some early traction in the use

CMSR. CHATTOPADHYAY:

Okay.

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1 of the platform, that we will have vendors that 2 come to us seeking assistance. Depending on how 3 the grant monies are structured, there may be 4 monies available for vendors that come along 5 later on. But I don't have those details right 6 now, and I'd rather not speculate too much. 7 We'll be budgeting money for, you know, those types of efforts as we roll this thing out. 8 9 CMSR. CHATTOPADHYAY: Thank you. 10 MR. EISFELLER: With just one more 11 Yes, our goal is to make this comment. 12 comprehensive, and as beneficial as possible, in 13 order to be selected as, you know, for the grant 14 receipt. So, that's our goal. 15 MR. EVANS BROWN: So, just briefly on 16 this slide. I would suggest that, if you have 17 questions about what's going on in other states, 18 they should be directed to Michael Murray, who is 19 on the phone. 20 But I'll speak to it, just because I'm 21 in the room, and it's easier than going through 2.2 the Teams. 23 New Hampshire is not alone in pursuing 24 a multi-utility approach. Early efforts in

1 getting customers access to their data tended to 2 pursue individual utility platforms. But Texas 3 and New York, you know, beginning with Texas, and 4 next New York, has started to pursue 5 multi-utility approaches, like the one New 6 Hampshire is following now. 7 New Hampshire's is actually sort of an 8 evolution on top of what is happening in Texas and New York, because of the use of an API, as 9 10 opposed to having data be centralized at a 11 single -- at a single hub. And, so, you know,

it's the next step along the way, in terms of how these programs are being rolled out.

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14 And I think, actually, that has bearing 15 on this regional approach, because the use of 16 APIs, theoretically, as Justin has said multiple 17 times, is easily extensible to other utilities 18 throughout the region, which is a benefit of the 19 architecture that's been selected, or 20 "envisioned" perhaps is a better word than 21 "selected". 2.2 Next slide. 23 CHAIRMAN GOLDNER: I'm sorry, just a

couple of questions for this slide.

1 So, first of all, this is a very 2 helpful slide. It's a nice visual. Thank you 3 for that.

4 And maybe I'll direct my question to 5 Mr. Murray. But it seems like, if Texas did the 6 multi-utility data platform in 2012, it didn't 7 seem to be very popular, because nobody else did 8 anything for eleven years, then New York did something. And, then, that's kind of it so far. 9 10 And, then, those two states also, it's, 11 obviously, not across multiple states. And, 12 then, that "API versus centralized storage" is 13 different. So, I'm always nervous when I see 14 something that's different than what you've seen 15 before, because that means it's harder.

So, I would just like to maybe address those questions to Mr. Murray, and ask him about, you know, why, if Texas's program was great, why nobody else did it until 2023? And, then, you know, why are there only two states on the map, other than New Hampshire?

MR. MURRAY: That's a great question,
Mr. Chairman.

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I think the real answer is, it has to

1 do with local policy. So, Texas is the, you 2 know, fully unbundled electricity market, which 3 began in 2007. No other, as, you know, you 4 probably know, no other state has a power grid 5 and a market structure like Texas. And, so, you 6 know, they're not FERC-jurisdictional. They, you 7 know, have retail choice. If you were to move 8 into a new home in Texas, in the competitive 9 regions, there is no default service provider. 10 So, you do not get electricity until you choose 11 one from the competitive market. 12 The statewide platform, which is called 13 "Smart Meter Texas", was, in addition to serving 14 the non-supply distributed energy resources, it 15 was also used to facilitate switching between 16 different suppliers. And, so, that -- that sort 17 of, you know, that's a unique structure to Texas. 18 I think that's the reason why it wasn't adopted 19 elsewhere. 20 And, as these other states, the ones in 21 orange, have implemented, you know, individual 2.2 utility approaches. I think that's what pushed 23 New York most recently to say "Wait a second.

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This is going to be really difficult and hard to

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1 manage with five utilities." Electric and gas 2 are the major ones in New York. And they said 3 that there's a lot of inefficiency and problems, 4 and, you know, idiosyncrasies between each of 5 them. And, so, they really, you know, needed to 6 have a -- sort of a centralized platform. 7 Those discussions are certainly 8 happening right now in other states where there's a lot of utilities involved. Because the more 9 10 utilities, the more software, you know, 11 interactions can be difficult from a distributed 12 energy resources perspective. 13 So, that's why I think Mr. Evans Brown 14 was saying it is an "evolution". I wouldn't say 15 it's a departure from what other states are 16 doing. I think it's just when you have, you 17 know, multiple utilities involved, it makes sense 18 to have a common data model and a common 19 language. And that's, you know, that seems to be 20 the direction in which things are moving. 21 CHAIRMAN GOLDNER: And how's it going 2.2 in New York? It looks like they just implemented 23 it. How's that going? 24 MR. MURRAY: Yes. It's still very

1 The contract was awarded I believe it was early. 2 early 2023. And, so, there's many different 3 software releases that are associated with it. 4 I would -- my view is that the New York 5 platform is much more ambitious than what's being 6 envisioned in New Hampshire. There are just more 7 features. So for example, the New York one 8 includes hosting capacity maps. So, where could, 9 you know, solar and distributed energy resources 10 be deployed in different areas of the state. 11 That's just not something that was, you know, 12 was, you know, part of our project here in New 13 Hampshire. 14 They're also looking at things like 15 machine-readable rates, so that software 16 developers could offer services or answer "what 17 if" questions for customers. Like, if you're in 18 Central Hudson's territory, and you install a 19 heat pump, what is the actual bill savings going 20 to be based on the computer's analysis of the 21 rate? 2.2 So, it's much larger in scope. 23 There's, I think, five or six different products, 24 if you will, in New York that are being released.

1 The most -- the one that's the most analogous to 2 New Hampshire is, I believe, going live this 3 month, and that's the permission-based exchange 4 of individual customer data. That was only 5 really made possible through some enabling orders 6 from their commission just in the past few 7 months. So, I think it's still very early to 8 see, you know, what's going to happen with that. 9 But, so far, the reception, and the -you know, there's a lot of excitement about it. 10 11 And I think the distributed energy resources, in 12 particular, are, you know, for them, it's 13 one-stop shopping for this information. So, they 14 have one place to go to, instead of five. And 15 that's very attractive. 16 CHAIRMAN GOLDNER: Okay. Thank you. 17 Yes, it would be -- we would -- obviously, 18 following the New York development of the 19 software that's applicable is very interesting 20 and important. 21 And I'll just add that it's, you know, 2.2 terrifying to be first in a new software 23 implementation. So, I think I've mentioned that 24 before. But, you know, being first is -- often

1 doesn't go well. 2 Last question on this side, and anyone 3 can answer. Do we know who else is applying for 4 GRIP grants on this map of the United States? 5 Or, is that sort of proprietary or unknown? 6 MS. HASTINGS: That's not known. Only 7 U.S. DOE knows that. But I will say that New Hampshire is 8 one of the few states that didn't get an award in 9 10 Round 1. 11 CHAIRMAN GOLDNER: That did not? MS. HASTINGS: That did not. 12 13 CHAIRMAN GOLDNER: Okay. And why was 14 that? What would you hazard to say that New 15 Hampshire did not get something in Round 1? 16 MS. HASTINGS: I don't know. I quess 17 they didn't have any competitive applications 18 that came in. 19 CHAIRMAN GOLDNER: Okay. Okay. 20 Commissioner Chattopadhyay, any 21 questions on this slide? 2.2 [Cmsr. Chattopadhyay indicating in the 23 negative.] 24 CHAIRMAN GOLDNER: Okay. Yes. Please

1 proceed, Mr. Evans Brown. 2 MR. EVANS BROWN: So, next slide, 3 please. And --4 CHAIRMAN GOLDNER: Oh, I'm sorry. I'm 5 having my Columbo moment. 6 The "API versus the centralized", can 7 anyone address that, that change, Mr. Murray, 8 maybe, or anyone else? I'm just -- I'm nervous 9 that we are, you know, we're in new ground here. 10 MR. MURRAY: I'll speak to it briefly, 11 and then maybe Mr. Eisfeller can chime in. 12 And, beginning with Texas, really, the 13 only way that this was viewed as being possible 14 at the time was by having a copy of all of the 15 meter data, in particular, taken from each 16 utility, and then put into a single database. Ιn 17 the case of Texas, that was actually an 18 on-premise database. So, it was not cloud-based 19 at all. It actually just made that transition to 20 the cloud within the last 30 days. And there's a 21 lot of costs associated with that. There's a lot 2.2 of sort of reproducing security controls and, you 23 know, just constant maintenance of a system that 24 is centralized and that is different from the

existing utilities', you know, meter data management systems, customer information systems, et cetera.

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And what was -- has been designed in 4 5 New Hampshire, you know, since, I think, you 6 know, 2018, 2016 perhaps, and memorialized in our 7 Settlement Agreement, it is this API approach, 8 which just avoids that central, you know, 9 additional piece of data storage that needs to 10 be, you know, cared for and secured properly. 11 And, so, when you have a consistent data model, 12 then it becomes possible to offer that. I think 13 it's a lot more streamlined. There's a lot of 14 efficiencies to that approach. You know, we've 15 gotten some very good responses from vendors in 16 the request for information that we did a number 17 of months ago.

So, you know, there are different schools of thought on the approaches. But I think our thinking, at least behind the Settlement Agreement, on this approach, was that it was just going to be, you know, simpler, less costs, more efficient, and one less system that needed to be, you know, maintained.

1 CHAIRMAN GOLDNER: Thank you. Mr. 2 Eisfeller, would you like to comment? 3 And I'm always interested in why, you 4 know, we are more clever than others, in terms of 5 choosing the API versus centralized? Why 6 wouldn't the other folks use the API system, you 7 know, in prior generations? 8 MR. EISFELLER: So, I will speculate a little bit now. 9 10 The design that we've chosen, as part 11 of the Settlement Agreement, is a simple design. 12 If you compare and contrast it to New York, for 13 example, which New York's model, if you saw the 14 RFP that went out, has thousands of data fields, 15 has built-on services layered on top of the 16 platform. Will -- will never be finished, in my 17 opinion, because it's so large. It will provide 18 many services. And I'm sure they will be very 19 interesting services. But it will be very 20 complex, very hard to manage, and very expensive. 21 Our design is simple. That was the concept, initially, was to keep it simple. 2.2 Have 23 a -- move forward with a minimum viable product, 24 so a reduced set of data fields that provide, you

know, the essential components for customer usage information and interval data, and to enable the markets not to build the services into the system. Enable the markets to use that data, have them build those systems, that are riskier, require a lot of maintenance and investment. And those -- hopefully, those investments provide value, so they can be funded by other means than the utilities.

10 So, our design is a "Keep it simple, 11 stupid" design. It's very simple. It sounds 12 complex, but, essentially, it is simple. The 13 APIs that we're using, they're based on national 14 standards. They have been used elsewhere, they have been tested and tried. And we understand 15 16 some of the challenges with the design that we're 17 going to have to compensate for. It does require 18 a certain amount of data throughput. We're going 19 to have to design for that as well. But, 20 essentially, it's much simpler. So, our 21 likelihood of success should be higher as a 2.2 result. 23 CHAIRMAN GOLDNER: Excellent. Thank

you. Thank you.

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1 Mr. Evans Brown, please proceed. 2 MR. EVANS BROWN: Yes. So, if we go to 3 the next slide. 4 We've actually already dug in a little 5 bit to the content of this slide, based on the 6 Commissioners' questions. But, essentially, I 7 think the point here is that, again, there is a 8 "balance of costs versus benefits" question. So, 9 we could, theoretically, just develop the bare 10 platform, put it out in the world, and hope that 11 service providers take it up and start to use it. 12 But the hope is that, through a concerted effort 13 of outreach, that will result in more benefits 14 accruing to ratepayers. 15 And, so, while there may be some more 16 costs associated with those outreach efforts, 17 hopefully, many of those costs will be covered by 18 this DOE GRIP grant, as well as by the match from 19 the folks that are doing that outreach work, and 20 will result in greater benefits to ratepayers 21 writ large. 2.2 I, personally, am excited about the 23 idea of being able to collaborate with folks in 24 southern Massachusetts -- southern New England,

1 for instance, that have access to companies that 2 are larger and have more means, and being able to 3 get in front of those third parties and tell them 4 about this exciting opportunity. I think we'll 5 be -- we'll have more impact if we're doing it 6 with -- throughout the whole region. 7 I also think that, you know, when I 8 think of the work of our staff, who are engaging 9 with municipalities here in New Hampshire, and 10 helping them work on projects in their local 11 community to reduce the energy burden for 12 residents or for, you know, municipal meters, 13 municipal buildings. A lot of those projects will be much easier when we have free access to 14 15 data. 16 I'm thinking, right now, we have staff 17 who are working on trying to develop Community 18 Resilience Centers that have solar on the roofs 19 and battery backup, that we can -- we can have 20 running during, you know, prolonged power outage 21 events. And the main problem in trying to do 2.2 those projects is not having -- not having meter 23 data that you can use to run a model on how big 24 the battery needs to be and how big the solar

array needs to be.

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2 Also, one of the uses that's 3 contemplated under the platform is the ability to 4 create community dashboards. So, anonymized 5 communitywide data that we can then work with 6 community leaders, on select boards, on town 7 councils or city councils, to identify where the 8 low-hanging fruit, if they want to reduce the energy burden of the residents, is. And that's 9 10 exactly the type of use that we think will have a 11 really positive impact and realizing more 12 benefits for New Hampshire ratepayers. 13 And, so, again, to restate the initial 14 point, I think there's two ways to do this math. 15 One is to just look at the costs, and the other 16 is to look at the costs of the bare platform, 17 versus the costs and the benefit of doing the 18 bare platform with the community outreach work. 19 And, so, with that, I think I'm handing 20 it back to the utilities. 21 MR. EISFELLER: Okay. 2.2 CMSR. CHATTOPADHYAY: What is CENH's 23 "Circuit Rider Program"? 24 MR. EVANS BROWN: I'm so glad you

1 asked. 2 So, we have staff that largely are 3 funded through USDA dollars, to work with 4 low-income, rural communities, to try to do 5 energy projects in their communities. Those 6 projects, it's sort of waves or fads of what 7 communities want to work on. Early on, it was 8 largely helping them to do LED lighting retrofits. You know, we helped the Town of 9 Whitefield get \$100,000 to swap out all the 10 11 lights in their -- in the White Mountain Regional 12 High School, for instance. 13 But the circuit riders essentially are 14 pro bono grant writers that work on behalf of low-income rural communities. 15 16 CMSR. CHATTOPADHYAY: Thank you. 17 MR. EISFELLER: Okay. Thank you, Sam. 18 Michael, next slide, please. 19 So, with any complex project, and with 20 our efforts to expand the scope of the Grant 21 proposal to a regional effort, there are some 2.2 risks that we want to be aware of and try to 23 mitigate. You know, two of the risks here, the 24 first two risks here are itemized, essentially,

point to the requirements in New Hampshire. And the Governance Council is charged with ensuring that we provide all the functionality and requirements of both the statute, as well as the order, so that we are heavily engaged in this process, and essentially controlling the development of the proposal.

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8 "Cost allocation considerations", 9 there's another potential risk. We hope to 10 mitigate that risk. And, through transparency, 11 essentially, we hope to be able to propose a New 12 Hampshire-only solution or a regional solution. 13 So, our RFPs and the various cost estimates will 14 include both perspectives.

15 We do expect that there will be an 16 impact on the New Hampshire schedule, as a result 17 of this effort with the regional grant proposal. 18 There's a fair amount of work involved in 19 developing that proposal, and coordinating the 20 regional effort. And we will have to expand some 21 of our work on the RFP, to ensure that we have, 2.2 you know, those dual costs to share and consider. 23 So -- but we have worked with the 24 consultant on a reasonable schedule to facilitate

1 the development of the regional proposal. You'll 2 see that on the next slide. 3 And we've also been working with them, 4 the consultant, as well as the regional players, 5 on a fair distribution of the costs associated 6 with the increased effort, and, eventually, the 7 costs of the platform, as well as the operations 8 of the platform. 9 Our expectation is that information 10 will be transparent to the Commission, and we'll 11 provide that information as it develops through 12 some type of periodic reporting. 13 Any questions on this slide? Next 14 slide. 15 CHAIRMAN GOLDNER: I just want a quick 16 clarification one the consultant costs. 17 So, the consultant is now being asked 18 to do more, because, originally, it was just the 19 New Hampshire project, now it's regional. I'm 20 glad to see that there's no intent to increase 21 costs. 2.2 What's the strategy or the plan moving 23 forward? Should the Commission expect to see 24 anything in addition to the 190,000 already

1 approved? 2 MR. EISFELLER: We are not asking for 3 any additional monies for the development of the 4 proposal. 5 CHAIRMAN GOLDNER: Okay. Okay, thank 6 you. 7 MR. EISFELLER: Our said maybe another 8 way, the incremental costs should be covered by 9 the incremental participants. 10 CHAIRMAN GOLDNER: But what happens if 11 Massachusetts or Connecticut or the others decide 12 not to participate? Then, your -- then, West 13 Monroe, your consultant, is going to do a bunch 14 of work, and then you'll be back here, I suppose, 15 asking for more money? Is that -- if no other 16 states participate? 17 MR. EISFELLER: If no other states 18 participate, we don't have a grant to propose. 19 The interest expressed by the other states has 20 been very strong. 21 We've gotten quite a bit of interest 2.2 from National Grid. They have agreed to have 23 their name on the grant as well. We've gotten sort of additional interest from some other 24

1 utilities, based upon whether we receive a letter of recommendation or a continuance from the DOE 2 3 on the Concept Paper. 4 So, the expectation is that that 5 interest will result in a sharing of the costs. 6 And, in fact, those discussions of sharings of 7 the costs have already started, and I would 8 expect they will continue. Now, there is risk. 9 Those same entities need to have similar discussions with 10 11 their regulators. But the regulators, or at 12 least staff, and other interested parties, 13 participating in similar discussions in other 14 states, have all shown interest in this platform. 15 Unitil and Eversource have presented on 16 this platform in Massachusetts to the AMI Working 17 Group there, and participants in that group have 18 expressed interest, along with the utilities, 19 Grid, in particular. 20 So, I would expect that that will 21 continue. But it's not without some risk. 2.2 CHAIRMAN GOLDNER: Okay. I think, from 23 a Commission perspective, we're expecting not to 24 see anything other than the 190,000 already

1 approved. And, if there is something that 2 changes, we would expect an immediate flare on 3 that. So, thank you. 4 CMSR. CHATTOPADHYAY: The periodic, you 5 know, updates, and I'm assuming they have to 6 happen before May -- I forget what the date was, 7 the 21st or something. So, those periodic 8 updates, do you have any thought, like, when you will have those? 9 10 MR. EISFELLER: So, we are proposing 11 monthly updates. 12 CMSR. CHATTOPADHYAY: Okay. 13 MR. EISFELLER: We may provide ad hoc 14 updates, if something changes or something of 15 interest happened. But our proposal today is to 16 provide monthly updates. Some type of project 17 plan update, that would give you a sense of 18 progress to date, upcoming work, et cetera. 19 CMSR. CHATTOPADHYAY: So, at this 20 point, you are confident that the remaining time, 21 whatever, like two and a half months, yes, 2.2 it's -- you will be able to do that, given all of 23 these elements that you will try and address? 24 MR. EISFELLER: Yes. Definitely, I

1 can't do it. 2 CMSR. CHATTOPADHYAY: Okay. 3 MR. EISFELLER: The discussions with 4 the consultant, who is facilitating this effort, 5 has a -- this is a nine -- they propose a 6 nine-week schedule. You'll see that on the next 7 slide. And there is confidence amongst the 8 Governance Council, as well as the consultant, that we can achieve that. There's a lot of work 9 10 to be done between now and then. You know, we're 11 doing work now to prepare for those discussions. 12 But, yes, that's the plan. I think we 13 have a workable plan at this point in time. 14 CMSR. CHATTOPADHYAY: Thank you. 15 MR. EISFELLER: So, any more questions 16 on the previous slide? 17 [No verbal response.] 18 MR. EISFELLER: Okay. So, this is a 19 slide on the schedule. Like I said, we've 20 partnered with West Monroe. They have been part 21 of this discussion and effort. They have 2.2 actually helped facilitate some of the 23 discussions with the regional partners already. They have good contacts with other utilities and 24

some of the regional service providers. So, they have been helping already with those discussions for a regional effort.

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4 We've proposed a rough Governance 5 approach with some of the regional participants. 6 That requires some additional work. We're still 7 going to work through that. Like, the basic 8 concept is that the Governance Council will provide direct -- will be working very closely 9 10 with the consultant on the development of the 11 proposal. And it will have a, basically, like a 12 PMO, Project Management Office, that works with 13 the other regional stakeholders to get their 14 input and their view of the proposal. So, they will be involved. But the direction of the 15 16 proposal will be driven by the Governance 17 Council, is the expectation.

We expect to begin that work in due course. That's one of the reasons that we wanted to meet with the Commission right away, to seek some approval to move forward.

The deadline for the submittal is May 22 22nd. We'd like to try to beat that by a day or 24 two, of course, to make sure that there's no

1 issues with the application. 2 We've got a schedule from the 3 consultant here, this is actually their schedule 4 that they proposed for a regional effort. It's a 5 nine-week schedule. So, you do the math, we've 6 got to get started pretty soon. 7 Any questions on the schedule? 8 [No verbal response.] MR. EISFELLER: Next slide. So, and, 9 10 then, provided we get the grant, here's the rough 11 schedule for moving forward with implementation 12 of the Grant proposal and the platform. 13 We expect the first two years to be 14 focused on the build of the platform, and the 15 build of the services that we expect to layer on 16 as part of the proposal. And, then, the next two 17 years to be on leveraging the platform and 18 achieving the community benefits. 19 So, this is just a rough schedule of 20 what we expect to roll out following approval. 21 And I think that's basically it. 2.2 CHAIRMAN GOLDNER: One last slide. 23 MR. EISFELLER: One other slide? 24 Michael. Oh, yes. The most important slide,

1 sorry. 2 So, you know, the key ask here is the 3 first sentence: "The Council requests that the 4 Commission give approval to continue with the 5 consultant in developing a grant application that 6 includes a regional approach to the Data 7 Platform." That is what we're asking. We will not 8 9 proceed with a grant without that approval. 10 CHAIRMAN GOLDNER: And just to recap 11 what we talked about before here. 12 You believe you have other states lined 13 So, New Hampshire shouldn't expect any up. 14 increase in consulting costs. Of course, 15 everyone could hit the ejection seat, and then 16 New Hampshire would be left with some kind of 17 additional cost. And that's -- I think that's 18 where we left it. Is that right? 19 MR. EISFELLER: At this time, we do not 20 expect any increased cost to New Hampshire, and 21 we're not asking for any additional monies. 2.2 CHAIRMAN GOLDNER: Okay. Thank you. 23 CMSR. CHATTOPADHYAY: If the regional 24 approach works out fine, is it possible that we

1 might save even more, New Hampshire? I think that's the area 2 MR. EISFELLER: 3 that I was asked not to speculate on, because we 4 don't have, you know, signed contracts and 5 agreements yet. We are working for a fair 6 distribution of those costs. 7 There's sort of two considerations 8 here. We are trying to solicit interest in 9 participation as well. So, there's a balancing 10 act of trying not to burden too much the 11 incremental participants with the effort, nor the 12 cost, of development of the proposal. 13 But we would expect that they would not 14 increase our costs. 15 CMSR. CHATTOPADHYAY: I'm thinking 16 beyond the implementation costs, I think, going 17 the regional approach, given how the benefits 18 would play out differently than if you just 19 pursued only New Hampshire. I think, do you have 20 the confidence it will end up providing New 21 Hampshire more benefits, relative to, you know, 2.2 the approach where New Hampshire goes alone? 23 MR. EISFELLER: Sure. I think the best 24 slide for that --

1 [Court reporter interruption.] 2 MR. EISFELLER: The best slide that 3 might give you a perspective on increasing 4 benefits to New Hampshire customers, is the 5 Appendix slide, where we look at the benefits to 6 customers over a period of time. You know, one 7 of the major components of the Grant proposal is 8 to layer on services to get those benefits to 9 customers sooner. 10 So, yes. I would expect just the 11 approach of expediting the use of the platform 12 will provide customers an incremental benefit 13 earlier. 14 I don't want to speculate too much on 15 whether the regional approach would provide more 16 benefit to New Hampshire customers. But, 17 inherently, there will be more interest in the 18 platform, and, potentially, more services offered 19 as a result. Okay? 20 But I don't, you know, I'm not a 21 service provider, that type of service provider. 2.2 I don't operate in those markets. But, 23 generally, that's the expectation. 24 I think Michael Murray would probably

1 mirror that observation. He works in those 2 environments. 3 You know, the more interest, the more 4 likelihood that service providers are going to 5 develop new services, offer them to all 6 customers, and use the platform, which is the 7 goal. All that's good for our New Hampshire 8 customers. And, I would say, if you do the math, 9 10 New Hampshire is small, relative to the other 11 participants we're pursuing. And, you know, the cost-share should reflect that as well. 12 13 I don't have that exact math right now. 14 But the objective is a fair distribution of costs 15 of the platform. And, so, my expectation is that 16 our cost-share should be smaller proportionally. 17 CMSR. CHATTOPADHYAY: Okay. 18 MR. EISFELLER: And we can go back to 19 the last slide of the presentation, too, not the 20 Appendix, Michael. 21 So that the second bullet gets to our desire to be transparent about the process. 2.2 ТΟ 23 pursue, you know, both a New Hampshire-only 24 approach, as well as a regional approach, and to

1 provide updates to the Commission, so you can see 2 how we're progressing. We've got a tight 3 schedule. It's going to be a lot of work. But 4 you'll get a sense, as we go through this, of how 5 things are developing. 6 CHAIRMAN GOLDNER: And just quickly, in 7 the last meeting, we talked about the Dunsky 8 Report, and the Commission approved a few thousand dollars to complete some tasks. 9 10 Has the Dunsky Report been completed? 11 Should we expect to see it in the file soon? 12 MR. EISFELLER: Yes. CHAIRMAN GOLDNER: In another week or 13 14 two? 15 MR. EISFELLER: We are shooting for a 16 February 16th draft to us of the new model. 17 CHAIRMAN GOLDNER: Okay. 18 MR. EISFELLER: Which was the 19 additional, you know, a thousand dollars plus. 20 CHAIRMAN GOLDNER: Yes. 21 MR. EISFELLER: And, so, we're 2.2 expecting the Council to see that first, and 23 we'll review it, and then we'll share that with 24 the Commission.

1 We are also expecting to get the Final 2 Report on the third-party use of the platform. 3 That's due as well. Dunsky has been working on 4 that, and you should see that as well. 5 In addition, the RFP is getting close 6 to being completed. We have some edits to make 7 to address some of these considerations. We would expect that that's going to come along here 8 9 before too long, and we would share the draft of 10 that as well, as required by the order. 11 So, yes. We are still progressing on 12 the other components, the other workstreams of 13 this big project. And we would expect to share 14 that information, as planned. 15 CHAIRMAN GOLDNER: Okay. Thank you. 16 MR. EISFELLER: The Council is also 17 aware of the risks. And we had another slide on 18 the risks, you know, associated with 19 regionalization. The Governance Council expects 20 to be heavily engaged in that process, directing 21 that process, and reflecting the interests of New 2.2 Hampshire consumers. So, I expect that to 23 continue. 24 Yes. So, the last item is, we would

1 expect that we won't move forward with building 2 this platform without the approval of the 3 Commissioner. That's part of the order. The 4 goal is to have all these costs and benefits come 5 together with a recommendation to the Commission. 6 We hope that that will happen in the late 7 October/November timeframe, and you'll be able to 8 see all the costs and benefits, and weigh in on whether we should move forward or not. 9 10 A similar discussion that will need to 11 be had at the other states, that's one of the 12 risks, they will need to get their own approvals. 13 And, so, that's part of the effort as well. 14 I can say, in Massachusetts at least, 15 that I represent Unitil in that Massachusetts 16 effort, as well as some of my colleagues. And 17 we're heavily engaged there as well. So, I'll 18 know how that's being perceived personally. And 19 that will be shared as part of our updates as 20 well, how are things going with the other -- in 21 the other states. 2.2 Okay. Any discussion, any questions on 23 this section? 24 [No verbal response.]

1 MR. EISFELLER: And I think that 2 concludes the presentation. 3 CMSR. CHATTOPADHYAY: I do have a 4 question on the last slide, where you have the 5 benefits, cumulative benefits being shown. 6 Is it possible to break this up into 7 commercial and residential, commercial/industrial and residential? 8 MR. EISFELLER: I'll be able to answer 9 10 that better after we see the model. How's that? 11 You know, both -- those investigations 12 or that discovery was done for both types of 13 customers. But I have yet to see the model in 14 any great detail. So, I can't answer that yet. 15 CMSR. CHATTOPADHYAY: It would be good 16 to have that information. 17 MR. EISFELLER: So, that might -- if 18 it's not there, then we may have to go back and ask for some additional work to be done. But 19 20 we'll make sure that that is the case. 21 CHAIRMAN GOLDNER: Yes. I think what 2.2 Commissioner Chattopadhyay is communicating, and 23 I would just augment it by saying that we're 24 always interested in the assumptions, how we got

1 there, what the breakout is. It's important. 2 These are very large numbers. They look great, 3 but they don't mean much, unless there's a good 4 understanding of what's behind them. 5 MR. EISFELLER: The Dunsky Report does 6 have all the assumptions and the inputs to the 7 And we'll actually have the model in model. hand. 8 9 We do expect to -- one of the reasons 10 we asked for that incremental expense was to 11 develop a model that we could build in some 12 sensitivity analysis into. So, the final 13 presentation will include some sensitivity 14 analysis. You can see the effect of varying the 15 inputs. And I think that will give you a good 16 idea of how sensitive the model is to various 17 changes and the assumptions that were made. 18 CHAIRMAN GOLDNER: Excellent. Thank 19 you. 20 CMSR. CHATTOPADHYAY: I think, like I 21 pointed, it would be good to know the breakup of 2.2 residential, commercial and industrial. Really, 23 it is -- that question is in the spirit of kind 24 of understanding what are the key contributors to

the benefits. So, there may be a different way 1 2 to slice that, not necessarily across rate 3 classes. So, what are the contributing factors? So that, I'm just -- you know, anything 4 5 that helps to provide that kind of information in a summary form, it's very helpful. 6 7 So, thank you. CHAIRMAN GOLDNER: And I'd just like to 8 9 add, before we move to the DOE, that I'd like to 10 compliment the Governance Council, and all the 11 parties here, in terms of creating this 12 presentation to the Commission. Started with 13 pencils, then we moved to computers. And, now, 14 we have nice PowerPoint presentations to help us 15 understand what's going on. And that's a lot 16 easier than reading, you know, 3,000 pages of 17 words. 18 So, thank for that. This was a very, 19 very good presentation, and extremely helpful. 20 So, thank you for the work that went into it. 21 I know that the Department had some 2.2 concerns that they would like to share. Would 23 this be a good time, Attorney Schwarzer? 24 MS. SCHWARZER: Thank you, Mr.

Chairman. It would.

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And I think it's also a good time to note that, in the work that's gone into coming to the hearing today, certainly, the Department wishes to make it clear that we very much support and approve expanding the scope of the grant to a regional grant approach. That's important. We know the price has changed, as you heard today, and there are certain risks.

10 This, because the letter that was filed 11 on January 26th included a suggestion in the 12 middle that the Commission be asked for approval 13 to pursue a regional approach to the Data 14 Platform itself, the Department does wish to indicate on the record that we think it's too 15 16 early for the Commission to be asked to approve 17 an actual Regional Data Platform itself today.

18 Certainly, that may happen. As has 19 been indicated, there are unknowns. At this 20 time, there's no firm commitment from other 21 states. Cost allocation is unknown. Regional 22 approaches would include other states' Public 23 Utilities Commissions or the equivalent, which 24 certainly may expand the timeline. And there's

1 not a guarantee that the New Hampshire database would be implemented first. 2 3 That said, there's certainly every 4 reason to think a lot of those issues will be 5 addressed before the May filing deadline for the 6 federal grant. And, so, we would anticipate, 7 within the Governance Council, there will be a 8 vote at a future time, on whether the entire grant application is to be submitted. So, we are 9 10 not addressing that here today, just to highlight 11 Similarly, there will be another vote, as that. 12 Justin had indicated, on the regional platform as 13 a whole. 14 So, with those restricted focus today, 15 the Department certainly supports the expansion 16 of the regional approach for the U.S. DOE grant. 17 CHAIRMAN GOLDNER: Okay. Thank you. 18 Before we wrap up for the day, would 19 any other parties like to comment on anything 20 that we discussed today? 21 Attorney Kreis. 2.2 MR. KREIS: Thank you, Mr. Chairman. Ι 23 just have a really brief comment. 24 And I think it really is just to echo

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something that Mr. Eisfeller said to you at the end of his presentation. And that is that the ask that is before you is actually pretty limited. Simply, I think it was prudent of the Governance Council to make sure that it is keeping you fully apprised of how the project is evolving, and what possibilities are opening up, and which ones are closing up.

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9 And, so, it wouldn't feel comfortable 10 to be pursuing a regional approach, even as a 11 theoretical possibility, unless you knew about 12 that. And, I guess, if the Commission finds that 13 to be an objectionable approach for some reason, 14 you should definitely indicate that, because it 15 would save a lot of people a fair amount of 16 trouble.

But all that you're being asked to do now is simply indicate your approval of the idea that the Governance Council can continue to explore a GRIP grant that would envision the creation of a Regional Data Platform.

22 From my perspective, a New Hampshire 23 Data Platform, whether it reaches into other 24 states or not, remains an important objective.

1 And the statute that triggered all of this says 2 the same thing. So, that's what we'll be 3 pursuing. 4 I'm optimistic that, one way or 5 another, the Data Platform will come into 6 existence. And really appreciate the 7 Commission's help and thoughtful oversight. 8 CHAIRMAN GOLDNER: Thank you. Anyone else like to comment, before we 9 10 consider adjournment? 11 [No verbal response.] 12 CHAIRMAN GOLDNER: All right. Well, 13 I'll thank everyone for their participation and 14 feedback today. As I said before, this was 15 extremely helpful. And the PowerPoint 16 presentation was exemplary, and it got us to a 17 good place very efficiently, very quickly. So, 18 thank you for that. 19 So, we'll issue an order in due course. 20 We are anticipating issuing something in the next 21 few days. So, it won't be very long. No later 2.2 than mid next week, depending on our load. 23 Thank you very much again. We are 24 adjourned.

