

1                   8-13-2020       -    Monthly Meeting

2    STATE OF NEW YORK

3    PUBLIC SERVICE COMMISSION

4

5

6                                   MONTHLY MEETING OF THE

7                                   PUBLIC SERVICE COMMISSION

8                                   VIA WEBEX CONNECTION

9

10                                  Thursday, August 13, 2020,

11                                  10:30 a.m. until 12:18 p.m.

12

13

14

15    COMMISSIONERS:

16    JOHN B. RHODES, Chair

17    DIANE X. BURMAN

18    JAMES S. ALESI

19    TRACEY A. EDWARDS

20    JOHN B. HOWARD

21

22

23

24

25

1 8-13-2020 - Monthly Meeting

2 (On the record)

3 CHAIR RHODES: Good Morning. This is  
4 John Rhodes, Chair of the Public Service Commission  
5 and I call this session of the Public Service  
6 Commission to order.

7 Secretary Phillips, can we confirm  
8 that we have the full complement of the  
9 Commissioners?

10 SECRETARY PHILLIPS: Yes, we do.

11 CHAIR RHODES: Thank you very much.

12 And are there any changes to the final agenda?

13 SECRETARY PHILLIPS: No, there are no  
14 changes to the final agenda.

15 CHAIR RHODES: Terrific, thank you.  
16 Before we get started, one observation that I  
17 traditionally make in these times of COVID is to note  
18 our arrangement for session today. In line with the  
19 guidelines concerning social distancing and  
20 minimizing large gatherings.

21 And in light of the executive order  
22 that suspended provisions of the Open Meetings Law on  
23 an emergency basis, we are conducting today's session  
24 remotely. I would like to remind those who are  
25 participating by phone to please mute their line

1 8-13-2020 - Monthly Meeting

2 except when you are speaking.

3 The public will have the opportunity  
4 to listen to the session on the Department's webcast  
5 page. We will also record and transcribe the  
6 sessions as has been our practice. These  
7 arrangements have been reviewed by our General  
8 Counsel and he has found that this meets the  
9 requirements of the executive orders and also that  
10 they meet my own expectations of honoring the intent  
11 of the Open Meetings Law to the maximum extent  
12 permitted by our duty to protect the public health of  
13 New Yorkers.

14 My second opening remark relates to  
15 the Tropical Storm Isaias. Today's session comes  
16 nine days after the last Tropical Storm Isaias, which  
17 made landfall in New York. This was a major storm  
18 that caused extensive damage in the northeast,  
19 including in our closest neighbors New Jersey and  
20 Connecticut.

21 In New York, there were more than 1.3  
22 million electric utility customer outages and  
23 substantial disruption to telecommunications and  
24 broadband providers throughout the Hudson Valley, New  
25 York City and Long Island. Some of these disruptions

1                   8-13-2020       -     Monthly Meeting  
2     lasted more than a week, and some individual  
3     customers issues still not -- still not yet repaired.

4                   We've experienced a series of  
5     devastating events in New York itself. Some  
6     utilities have performed well. Others in the past  
7     did not meet our expectations. And today  
8     coincidentally we have a matter before us to resolve  
9     the penalty case of our investigations into Con Ed  
10    and Orange and Rockland in the winter storms Riley  
11    and Quinn, and we'll speak about that later in the  
12    session.

13                  Back to Tropical Storm Isaias. In the  
14    early stages of restoration, recovery from the storm,  
15    numerous communication problems and other issues  
16    became quickly apparent. Governor Cuomo directed us  
17    to launch an investigation into the preparedness and  
18    restoration work of the utility -- the electric  
19    utilities and the telecoms providers.

20                  We have already launched this  
21    investigation, which will determine accountability  
22    with sanctions for what failures and also will  
23    determine corrective actions that are called for.  
24    The investigation will include opportunities for  
25    statements from the most affected customers and the

1 8-13-2020 - Monthly Meeting

2 most affected communities.

3 We can't get ahead of the  
4 investigation and get ahead of -- get ahead of the  
5 results of what we discovered, but I do want to share  
6 some initial observations. We know that for tens of  
7 thousands of customers the storm was found here more  
8 than unacceptable. Our investigation will get to the  
9 root cause or root causes.

10 The problems fall into the known and  
11 familiar category. We know that there were  
12 communications systems failures in multiple utility  
13 areas. We know that there is a need to bring  
14 additional resources in after the storm hit with  
15 success.

16 Now, there was substantial mutual aid  
17 sent to New York ahead of the storm, thousands more  
18 brought in after the storm -- that responded after  
19 the storm.

20 And at our peak, more than 10,000  
21 utilities. We know that utilities workers were in  
22 New York helping to restore power. And telecoms  
23 providers in many cases did not effectively  
24 coordinate or communicate with local government.  
25 This is the first large scale, wide scale, long

1 8-13-2020 - Monthly Meeting

2 duration event on Long Island since Superstorm Sandy.

3 It was mentioned the Department will  
4 be coordinating mostly with the Long Island Power  
5 Authority to hold its service provider, PSEG Long  
6 Island accountable. Earlier reports also indicate  
7 that the force and strength of the storm was related  
8 to the continued impact of climate change and this is  
9 yet one more extreme weather event in a long line of  
10 such events impacting New Yorkers over the past  
11 decades.

12 Last week's storm shows why New York  
13 is urgently in the process of implementing the  
14 governor's latest progress call and strategy to lower  
15 greenhouse gas emissions and build more renewables in  
16 the ground and on the grid. I've ask staff to  
17 accelerate these investigations in the same years and  
18 develop an early set of early action, the utilities  
19 should and will undertake so that these actions are  
20 in place for the rest of the current storm season.

21 The formal investigation will also be  
22 accelerated so that we can take appropriate action on  
23 the disruption side to ensure our utilities are held  
24 accountable and that all remedies are available to us  
25 up to and including contract revocation or contract

1 8-13-2020 - Monthly Meeting

2 termination with facts based on these findings from  
3 our investigation.

4 This obviously was a major disruption,  
5 major hardship for many of our customers and it's  
6 also a major natural event over which we have no  
7 control, but how we react to that is under our  
8 control and we will be looking rigorously on ways to  
9 do better and to make sure that we have the  
10 accountability that we need.

11 I probably can't say more than that at  
12 this stage. As I had indicated, we are moving  
13 quickly and will share information as quickly as that  
14 is available. So thank you very much for your  
15 attention. I will now proceed. The first item for  
16 discussion. Items 302, cases 19-E-0107 et al, joint  
17 settlement agreement regarding service by Joseph  
18 Suich, Director, Office of Investigations and  
19 Enforcement. Kevin Wisely, Director, Offices of --  
20 Office of Resilience and Emergency Preparedness.  
21 Christian Bon -- Bonvin, Deputy Director, Office of  
22 Resilience and Emergency Preparedness. Tim Canty,  
23 Chief of Electric and Water Policy and John Favreau,  
24 Assistant Counsel New York State Department. Joe,  
25 please begin.

1 8-13-2020 - Monthly Meeting

2 MR. SUICH: Good morning, Chair  
3 Rhodes, and Commissioners. I want to begin by noting  
4 this is the first time I'm presenting before the  
5 Commission in my role as the Director of the Office  
6 of Investigations and Enforcement. It's truly a  
7 privilege doing so.

8 As you know, the new Office of  
9 Investigations and Enforcement or O.I.E. was created  
10 earlier this year. As Chair Rhodes previously put  
11 it, as part of the Commission's beefed-up efforts at  
12 overseeing utilities, our investigations will be a  
13 big part with O.I.E.'s future work in coordination  
14 with the subject matter experts of the program team.

15 In its creation only months ago O.I.E.  
16 lays a clear structure for the Department's  
17 investigation process and procedures. Leverage  
18 internal experts and investigations engage in  
19 numerous utilities in both new and enforcement  
20 matters. Many of these matters are currently at  
21 preliminary investigation or confidential settlement  
22 stage and I expect will be raised with the commission  
23 in the coming months.

24 Item 302 is the first part of these  
25 efforts, which focused on practical but strong

1 8-13-2020 - Monthly Meeting

2 results and resolution at all times. The goal of  
3 compliance to ensure safe and reliable service to  
4 ratepayers. I am thrilled to propose commission  
5 order, adopting the terms of the joint proposal  
6 between the Department of Public Service,  
7 Consolidated Edison New York Incorporated and Orange  
8 and Rockland Utilities Inc. which I will refer to  
9 individually as Con Edison and O&R and together as  
10 the companies.

11 The joint proposal is the result of  
12 months of community stakeholder outreach, thousands  
13 of pages of document reviews. A 170-page storm  
14 report presented to the Commission that results in  
15 the order to show cause and additional months of  
16 intense negotiations between the parties that led to  
17 the current resolution.

18 Under the terms of the draft proposal,  
19 Con Edison and O&R agreed to a combined settlement of  
20 \$10.75 million in ratepayer benefit to address  
21 admitted and alleged violations of their emergency  
22 response plans or ERPs, were in the back-to-back  
23 March 2018 winter storms Riley and Quinn.

24 During these storms, the companies  
25 experienced a series of severe weather events in

1 8-13-2020 - Monthly Meeting

2 their service territories. The first winter storm  
3 Riley, occurred on March 2nd and 3rd, 2018, resulting  
4 in approximately 143,000 customer outages in Con  
5 Edison service territory and approximately 52,000  
6 customer outages in O&R service territory.

7 Four days later on March 7th, 2018 the  
8 company's territories were again struck by a second  
9 severe storm, winter storm Quinn, which resulted in  
10 66,000 customer outages for Con Edison and  
11 approximately 31,000 customer outages for O&R.

12 As a result of these storms,  
13 Department of Public Service initiated an  
14 investigation to determine whether the companies  
15 properly prepared for and responded to the 2018  
16 winter storms in compliance with their annual ERPs  
17 filed ERPs, Commission regulations and Commission  
18 orders.

19 The Department as part of its  
20 investigation, engaged in substantial outreach to  
21 better understand the issues and problems experienced  
22 during the 2018 winter storms. Among other aspects  
23 of its investigation, the Department conducted  
24 various public hearings across the State which  
25 numerous customers and public officials provided both

1 8-13-2020 - Monthly Meeting  
2 written and oral comments; conducted interviews with  
3 State, county, city, and town officials; issued  
4 document requests and evaluated complaint data filed  
5 with the Department's Office of Consumer Services.

6 After the investigation, the  
7 Department issued a report identifying a combined 17  
8 potential ERP violations for the companies, 13 for  
9 Con Edison and 4 for O&R.

10 The report also made 144  
11 recommendations for corrective actions be implemented  
12 by the companies in their emergency response plans.  
13 On April 18th, 2019 the Commission issued an order  
14 directing the companies to show cause why the  
15 Commission should not pursue civil penalties pursuant  
16 to Public Service Law or P.S.L. Section 25 or  
17 administrative penalties pursuant to P.S.L. Section  
18 25 A., and why the companies should not implement the  
19 combined total of 144 recommendations made in a staff  
20 report for Con Edison and O&R.

21 On May 20th, 2019 the companies filed  
22 a response accepting the 144 recommendations and set  
23 forth implementation plans for each of those  
24 implementations, which now appear as applicable in  
25 the current company ERPs. The companies also

1 8-13-2020 - Monthly Meeting

2 filed a notice of impending settlement to the  
3 Commission as to the potential penalty actions.

4 The companies requested multiple  
5 extensions of time to respond to alleged violations  
6 and to allow the companies and the Department to  
7 engage in settlement discussions. The Commission  
8 Secretary granted the requested extensions. This  
9 year on July 28th, 2020, Department and the  
10 companies signed a joint proposal addressing 17 ERP  
11 violations.

12 In the joint proposal presented before  
13 the Commission, Con Edison admitted to 3 violations  
14 and O&R admitted to 2 violations saying that their  
15 actions with respect to these violations did not  
16 comply with the ERPs. The Commission orders  
17 adopting and approving ERPs and Part 105 under  
18 Commission regulations and agreed to a combined  
19 penalty amount of \$1.5 million at shareholder  
20 expense.

21 Additionally, the companies whilst  
22 disputing the remaining alleged violations, agreed  
23 to pay an additional combined settlement amount of  
24 \$4.95 million at shareholder expense. The companies  
25 settlement total 6.45 million in settlement funds  
are

1                   8-13-2020       -     Monthly Meeting  
2     deferred regulatory liabilities for ratepayer benefit  
3     in the companies' next respect of electric rate cases  
4     allowing for ratepayer input on the fund's use.

5                   As further financial consideration of  
6     the settlement and in addition to the above notice  
7     6.45 million settlement funds, the companies'  
8     expense, and shareholders' expense in consultation  
9     with the settlement recommendation of the Department,  
10    a combined total of \$4.3 million in mitigation  
11    measures.

12                   This means, mitigation measures  
13    include but not limited to customer food -- customer  
14    food and medicine spoilage, all provided without  
15    release from customer liability. As such, staff  
16    recommends the Commission adopt a joint proposal as  
17    consistent with the Commission's settlement  
18    guidelines and in the public interest.

19                   The joint proposal provides certain  
20    issues and violations at both companies that  
21    provides for a significant amount of funds to be  
22    paid for by the companies' shareholders for the  
23    benefit of the companies' electric ratepayers. The  
24    joint proposal ensures that ratepayers will receive  
25    timely settlement benefits without the risk and  
   delay of

1 8-13-2020 - Monthly Meeting

2 further litigation.

3 This concludes my presentation.

4 Department settlement team is available for questions  
5 and thank you very much for your consideration.

6 CHAIR RHODES: Thank you very much,  
7 Joe. For the record, this is John Rhodes. That's a  
8 very good report, a very thorough investigation and a  
9 good strong settlement. As you know, the  
10 investigation led to more than 140 recommendations  
11 and identifies cases of violations, or failure of  
12 compliance, and also failures of performance.

13 These findings are grounded in a  
14 rigorous examination of the evidence, including  
15 important and critical public input and actions that  
16 were held in the affected communities. This  
17 settlement presents a good and strong resolution of  
18 these failures.

19 Can I ask whoever that is to please be  
20 on mute? Can I mute them? Thank you. This  
21 settlement presents a good strong resolution of these  
22 failures. The companies' acknowledgment of these is  
23 important. The companies' acceptance of the  
24 recommendation is important and the financial  
25 penalties that flow from shareholders to benefit

1 8-13-2020 - Monthly Meeting

2 customers is important.

3 I endorse the -- the settlement and I  
4 endorse the rigor of the underlying investigation.

5 Thank you very much. Commissioner Burman any  
6 comments or questions?

7 COMMISSIONER BURMAN: Thank you very  
8 much. I appreciate it. I am going to keep my  
9 comments relatively short especially because we do  
10 have a pending investigation on the current storm.  
11 And I don't want anything I say to prejudice that  
12 ongoing -- those ongoing efforts.

13 I have come to the Commission since I  
14 -- came in 2013 shortly after a lot of the  
15 legislation was enacted as related to Superstorm  
16 Sandy and was very focused on looking at all of what  
17 we're doing to ensure that we are focused on the  
18 liability and the critical care and critical needs  
19 that are necessary to meeting the reliability needs  
20 and recover from storms.

21 This joint proposal settlement that's  
22 before us is one that I can currently support. I --  
23 I will note that we will be looking at in December as  
24 well, the filings that will come in from the E.R.P.s  
25 so to the extent that other E.R.P.s that have come in

1 8-13-2020 - Monthly Meeting

2 before have incorporated recommendations and lessons  
3 learned from storms and settlements that come. I  
4 think it's really important that we focus on that.

5 We're still in the hurricane season  
6 and we will be needing to be very vigilant on those  
7 issues. Here, this monetary settlement defers the  
8 penalties, monetary penalties until the next rate  
9 case. What I will say with that is that for me, it's  
10 really important that we decide, and we review what  
11 happened from the storm in a way that makes it more  
12 in real time. This storm was back in 2018 and we're  
13 just resolving it now.

14 I don't mean to suggest that each  
15 storm needs to have an order to show cause, in fact,  
16 some of our lessons learned should be more about  
17 continuous improvement so that we are making changes  
18 to the things that we need to do so that we are  
19 continuously improving not only performance, but also  
20 the necessary issues that we need to do ourselves.

21 I also want to say that the deferral  
22 of these costs into the next rate case does not sort  
23 of get utilized in a way that -- that any rate  
24 impacts, but rather truly is directly tied back to  
25 the issues underlying the storm and the issues that

1 8-13-2020 - Monthly Meeting  
2 led to this joint proposal settlement so that we are  
3 improving and helping to improve performance.

4 And I also want to say that we are  
5 carefully evaluating from a fiscal prudence  
6 perspective, all of the different things and  
7 recommendations that go into the E.R.P. that will  
8 ultimately have costs upon customers. So with that,  
9 thank you for allowing me to speak on this important  
10 issue.

11 CHAIR RHODES: Thank you very much,  
12 Commissioner Burman. Commissioner Alesi.

13 COMMISSIONER ALESI: Thank you, Mr.  
14 Chairman. I think this is a significant effort by  
15 the Department to deliver an agreement that is fair  
16 and reasonable, and avoids litigation as agreed to  
17 voluntarily by all parties. And that result, I hope  
18 will benefit all parties and will provide valuable  
19 lessons for the future and I will be supporting.

20 CHAIR RHODES: Thank you very much.  
21 Commissioner Edwards.

22 COMMISSIONER EDWARDS: Yes, thank you  
23 very much, Chair Rhodes and thank you, Joe, for your  
24 presentation and the efforts of the team during the  
25 last storm, the settlement discussions and now

1 8-13-2020 - Monthly Meeting

2 dealing with issues as a result of the current storm.

3 And, you know, as you mentioned, Chair  
4 Rhodes, the amount of people that are working  
5 currently and I want to, you know, make sure that we  
6 thank the workers that are continuing to work on the  
7 outages as we speak.

8 You know, as a New Yorker, we are very  
9 resilient and we have and continue to handle issues  
10 in very challenging times. This year has been  
11 extremely challenging. But the one thing that we  
12 cannot tolerate, which is what was pointed out in the  
13 language in some of the violations is failed or no  
14 communication, missed commitments, promising and  
15 under delivering, providing inaccurate and ever-  
16 changing timelines, you know.

17 That speaks to not the employees, that  
18 speaks to leadership, it speaks to failed procedures.  
19 You know, we cannot provide permanent solutions  
20 without first acknowledging that there are problems  
21 to fix. Secondly, utilities build penalties and  
22 fines into their run rates as a cost of doing  
23 business, which means that we have to continue to  
24 evolve on how best to hold accountable for failure to  
25 provide just and reasonable service that we all

1 8-13-2020 - Monthly Meeting

2 depend on.

3 So we really need more accountability,  
4 we need more transparency, more empathy, you know,  
5 more action on the part of the utilities and, you  
6 know, for us, whatever we can do to speed up the  
7 investigations and do a compare and contrast of  
8 previous storms.

9 I know that, you know, we are, you  
10 are, all of us are committed to do that and I think  
11 that, you know, I am voting in favor of this and I  
12 appreciate all the work that has been done. And I  
13 want to thank you for your leadership and we, you  
14 know, still have a lot of work to do. And I know we  
15 are committed to doing that on behalf of New Yorkers,  
16 so thank you very much. I'll be voting in favor.

17 CHAIR RHODES: Thank you very much,  
18 Commissioner Edwards, and thank you for calling out,  
19 making the point about appreciating the line workers  
20 and the tree workers who are out there in the field  
21 bringing back -- bringing back New Yorkers. That was  
22 very well said.

23 Commissioner Howard questions or  
24 comments?

25 COMMISSIONER HOWARD: Just a brief

1 8-13-2020 - Monthly Meeting

2 comment. I do appreciate very much, Commissioner,  
3 your efforts at beefing up our Office of Enforcement  
4 and Investigation. I believe that was long overdue  
5 and I appreciate that and Joe's efforts, I hope will  
6 bear fruit over time.

7 And particularly, as a number of my  
8 colleagues have pointed out, if we can shrink the  
9 period between the incidents and our final  
10 conclusions, that will be greatly appreciated, and I  
11 think really appreciated by the rate-paying public.  
12 It is very obvious in this world of very dynamic  
13 climate events, that these will come one right after  
14 each other.

15 And as we've seen, we've experienced  
16 it again today, that we need to stay enormously  
17 vigilant and to move the process quickly, you know,  
18 because the regulatory oversight is only as good as  
19 how quick and how much confidence the public has, the  
20 rate paying public has in our efforts. So I will be  
21 supporting this and I do look forward to staffs'  
22 enhanced vigilance going forward. Thank you.

23 CHAIR RHODES: Thank you very much,  
24 Commissioner Howard. I will now proceed to call for  
25 a vote. It's John Rhodes and my own vote is in favor

1                   8-13-2020       -     Monthly Meeting  
2     of the recommendation to adopt the terms and  
3     conditions of the joint proposal with exceptions as  
4     discussed.  Commissioner Burman, how do you vote?

5                   COMMISSIONER BURMAN:  Yes.

6                   CHAIR RHODES:  Thank you.

7     Commissioner Alesi, how do you vote?

8                   COMMISSIONER ALESI:  I vote yes.

9                   CHAIR RHODES:  Thank you.

10    Commissioner Edwards, how do you vote?

11                   COMMISSIONER EDWARDS:  I vote yes.

12                   CHAIR RHODES:  Thank you.

13    Commissioner Howard, how do you vote?

14                   COMMISSIONER HOWARD:  I also vote yes.

15                   CHAIR RHODES:  Thank you.  The item is  
16    approved, and the recommendation is adopted.

17                   We'll now move to the second item for  
18    discussion which is informational.  Item 301, case  
19    20-E-0197, which is an update on transition planning  
20    in support of the State's renewable energy goals  
21    presented by Robert Rosenthal, General Counsel and  
22    Tammy Mitchell, Director, Office of Electric, Gas and  
23    Water.

24                   Eliz Grisaru, Deputy Director, Office  
25    of Electric, Gas and Water and Leka Gjonaj, Chief,

1                   8-13-2020       -       Monthly Meeting  
2    Electric Safety and Reliability and David Drexler,  
3    Managing Attorney are available for questions.  Bob,  
4    please begin.

5                   MR. ROSENTHAL:  Thank you, Chair  
6    Rhodes, and good morning, Commissioners.  The purpose  
7    of this presentation is to provide a primer about the  
8    transmission-related matters that staff is working on  
9    to meet the State's ambitious clean energy goals.  
10   Next slide, please.

11                   I will start off with providing some  
12   background on the Accelerated Renewable Energy Growth  
13   and Community Benefit Act, which was enacted in April  
14   as part of the 2020-21 budget, and some other legal  
15   background related to transmission planning.  And  
16   then I will turn it over to Tammy Mitchell, who will  
17   provide updates regarding the ongoing power grid  
18   study and utility investment planning process  
19   required by the Act.

20                   Progress on previously approved  
21   transmission projects and proposed fast-track  
22   transmission projects.  Next slide please.

23                   Any discussion regarding transmission  
24   has to start with the C.L.C.P.A., which was signed  
25   into law on July 18th, 2019.  Here is a summary of

1                   8-13-2020       -     Monthly Meeting  
2     the aggressive targets included in the C.L.C.P.A.  
3     over which the Commission has implementation  
4     authority.

5                   First, are the related energy targets.  
6     By 2030, 70% of the electricity delivered in New York  
7     must be from renewable energy resources. And by  
8     2040, the statewide electrical demand system must  
9     produce zero emissions. Second, are the three  
10    technology-related procurement targets. Six  
11    gigawatts of photovoltaic solar generation by 2025,  
12    three gigawatts of energy storage resources by 2030.  
13    At least nine gigawatts of offshore wind by 2035.

14                  As far as implementation goes, D.P.S.  
15    staff and NYSERDA filed a white paper on June 18th,  
16    2020, to update the existing clean energy standard to  
17    meet the 7 by 30 targets. The expectation is to  
18    prepare a draft order for Commission consideration on  
19    that white paper by the October session. Next slide,  
20    please.

21                  The C.L.C.P.A. provides a blueprint  
22    for achieving zero emission electric production  
23    system. It left open the changes needed to the  
24    transmission and distribution system to meet that  
25    target. That issue was addressed in the Accelerated

1                   8-13-2020       -     Monthly Meeting  
2     Renewable Energy Growth and Community Benefit Act.  
3     Implicit from each of the elements of the Act is that  
4     fulfillment of C.L.C.P.A. targets is only possible  
5     with accelerated, but data-driven planning and  
6     permitting processes for both renewable energy and  
7     transmission facilities.

8                   Let me quickly highlight four other  
9     elements of the Act and then get into the  
10    transmission elements. First, the Act created the  
11    Office of Renewable Energy Siting or ORES. The  
12    process permits that the siting of renewable energy  
13    resources, and to do so in a more streamlined  
14    fashion.

15                  Second, the Act provides NYSERDA with  
16    authority to acquire or lease sites to make them  
17    shovel ready for building renewable energy resources.  
18    A white paper regarding how the Shovel Ready Program  
19    would be funded was issued on June 5th, 2020.

20                  Third, the Act amended Article 7 of  
21    the Public Service Law, to place a 12-month time  
22    frame on the permitting of major transmission  
23    facilities with extensions only if necessary. It  
24    also requires the Commission without regulations to  
25    create a 9-months -- 9-month process for projects

1 8-13-2020 - Monthly Meeting

2 built within existing rights of way.

3 D.P.S. staff is working toward issuing  
4 a notice of proposed rulemaking regarding the 9-month  
5 process in the next few weeks. And fourth, the Act  
6 requires the Commission to create a host community  
7 funding agreement, pursuant to which communities in  
8 which renewable energy facilities are sited would be  
9 provided with reduced electric rates or other  
10 benefits.

11 A notice seeking public comment on  
12 that program was issued on May 29th, 2020 and staff  
13 expects to issue a white paper in the coming weeks.  
14 Next slide, please. Next slide. There we go.

15 Now, on to Section 7 of the Act. The  
16 Act specifies that D.P.S. staff in consultation with  
17 NYSERDA, NYPA, LIPA, the New York Independent System  
18 Operator and the utilities shall undertake a  
19 comprehensive study for the purpose of identifying  
20 distribution upgrades, local transmission upgrades,  
21 bulk transmission investments that are necessary or  
22 appropriate to facilitate the timely achievement of  
23 the C.L.C.P.A. targets.

24 As Tammy Mitchell will discuss  
25 momentarily, D.P.S. staff has initiated two studies

1                   8-13-2020       -     Monthly Meeting  
2     to address this part of the Act.  One, a local  
3     transmission and distribution study, and two, a bulk  
4     transmission study.  Additionally, the Commission  
5     initiated that -- issued an initiating order  
6     regarding the Act on May 14th, 2020.

7                   With respect to the local side of the  
8     equation, the order directed the utilities to update  
9     D.P.S. staff on the progress of identifying the  
10    upgrades that may be necessary or appropriate to the  
11    timely achievement of C.P.-- C.L.C.P.A. benefits --  
12    oh, sorry, C.L.C.P.A. objectives and to provide pro  
13    -- preliminary results no later than August 1st,  
14    2020.  Tammy will provide information on this  
15    progress.

16                  With respect to the bulk system, the  
17    order noted that the Commission would initiate a  
18    second proceeding in the near future to establish  
19    decisional criteria for the bulk transmission  
20    planning and investments necessary to meet C.L.C.P.A.  
21    mandates.  On that front, D.P.S. staff has since  
22    filed the petition along with NYPA identifying the  
23    type of criteria that would apply NYPA priority  
24    projects with which I will discuss in a bit.

25                  Tammy Mitchell will discuss other next

1                   8-13-2020       -     Monthly Meeting  
2     steps on bulk transmission planning. Next slide,  
3     please. Next slide, please. There we go. The Act  
4     focuses on two transmission planning processes by  
5     which to implement bulk transmission projects.

6                   First is the NYISO Public Policy  
7     Transmission Pro -- Process. This is a process by  
8     which the Commission identifies transmission needs  
9     driven by public policy, for example, meeting  
10    C.L.C.P.A. mandates which is followed by the NYISO  
11    issuing the solicitation and ultimately selecting  
12    specific projects to address the iden -- identified  
13    transmission need.

14                  Transmission needs driven by public  
15    policy are solicited by the NYISO on a biannual  
16    basis. The most recent solicitation was issued on  
17    August 3rd, 2020. However, the P.S.C. may also act  
18    out of cycle to address transmission needs. As Tammy  
19    will note LIPA has filed a referral to the Commission  
20    based on the NYISO's prior solicitation of which the  
21    Commission would be authorized to take action on out  
22    of cycle.

23                  Second, the Act created a process to  
24    select NYPA to develop projects for which the  
25    Commission determines there is a need to proceed

1                   8-13-2020       -       Monthly Meeting  
2       expeditiously to promote the State's public policy  
3       goals. On July 2nd, 2020, D.P.S. staff filed a  
4       petition with NYPA in which it proposed criteria that  
5       the Commission may consider in determining whether  
6       NYPA should undertake certain bulk projects.

7                   Next slide, please. Here is a slide  
8       on the NYISO Public Policy Transmission Process.  
9       Specifically, the biannual process discussed earlier.  
10      It starts with the NYISO issuing a solicitation for  
11      transmission needs driven by public policies. The  
12      public policies must be duly-enacted Legislative Laws  
13      or State or local regulations. The C.L.C.P.A.  
14      mandates discussed earlier, an Act is a public policy  
15      that drives transmission needs.

16                  The NYISO provides 60 days for  
17      responses to its solicitation and then forwards the  
18      solicitation responses through the Commission.  
19      D.P.S. staff then notices the responses for public  
20      comment under SAPA. At the close of the public  
21      comment period, the Commission may take action on any  
22      proposed transmission need driven by a public policy.

23                  If the Commission issues an order  
24      identifying such a transmission need, that order then  
25      transfers the action back to the NYISO which solicits

1 8-13-2020 - Monthly Meeting

2 transmission solutions and then goes about a process  
3 of reviewing and then ultimately selecting what it  
4 deems the more-efficient or cost-effective solution.

5 The entire process from the NYISO's  
6 initial solicitation of respond -- you know, for  
7 transmission respond -- for transmission needs with  
8 selection of a solution should generally take between  
9 12 and 18 months. Next slide, please. Slide before  
10 that. Go back one slide. Okay. I'll -- I'll just  
11 -- there we go.

12 Let me finish with the NYPA process  
13 and then turn it over to Tammy. The Act identifies  
14 NYPA as the entity best suited to develop priority  
15 transmission projects. The Act leverages NYPA's key  
16 strengths including its technical expertise,  
17 financial stability, access to capital and the fact  
18 that its backbone bulk transmission system is located  
19 in several areas around the State.

20 We read the Act to specify that the  
21 Commission is to identify a NYPA priority project  
22 following a petition filed -- filed by either NYPA  
23 and/or D.P.S. staff. To get this process off to a  
24 fast start and accelerate projects that have been  
25 well studied, NYPA filed two petitions for projects.

1 8-13-2020 - Monthly Meeting

2 One in Northern New York and one in Western New York  
3 that Tammy will discuss as part of her presentation.

4 Finally, after the Commission  
5 identifies the project to be undertaken by NYPA, NYPA  
6 may undertake the project on its own or with co-  
7 participants, except that for projects that are not  
8 substantially within NYPA's existing rights of way,  
9 NYPA is required to select private sector  
10 participants through a competitive bidding process.

11 And that completes my part of the  
12 presentation and Tammy can take it from here and you  
13 can turn to the next slide. Thank you.

14 MS. MITCHELL: Thank you, Bob. Good  
15 morning, Chair Rhodes, and Commissioners. As  
16 mentioned, I'm going to start out discussing the  
17 power grid study and investment plan, both are by the  
18 Accelerated Renewable Energy Growth and Community  
19 Benefit Act. The power grid study and investment  
20 plan has three main components. Next slide, please.

21 There is a State power grid study  
22 which will evaluate immediate upgrades on the  
23 distribution, local transmission, and bulk  
24 transmission systems. The results of the study or  
25 studies call for two separate investment plans to be

1 8-13-2020 - Monthly Meeting

2 established by the Public Service Commission.

3 One investment plan will be related to  
4 distribution and local transmission investments for  
5 upgrades and another plan will be related to bulk  
6 system transmission investments. Next slide, please.  
7 Next slide. Thank you.

8 So I'll give just a little more detail  
9 on that State Power Grid study. The overarching goal  
10 of the power grid study is to identify the necessary  
11 system investments needed to help the State meet the  
12 goals of the Climate Leadership and Community  
13 Protection Act or C.L.C.P.A.

14 The results of the State Power Grid  
15 study will provide input to the plans that will be  
16 developed for distribution and local transmission  
17 upgrades to be pursued by the State's investor-owned  
18 utilities and the Long Island Power Authority. With  
19 respect to the bulk transmission system, the study  
20 will identify bulk transmission projects for public  
21 policy needs that can be pursued to the New York  
22 I.S.O. order 1000 process, as well as projects that  
23 must receive on an expedited basis.

24 The ongoing power grid study is  
25 comprised mainly of three individual studies. Two

1                   8-13-2020       -     Monthly Meeting  
2     studies related to the bulk transmission system, and  
3     one study related to distribution and a local  
4     transmission system. The bulk system studies include  
5     a 100 by 40 study for an analysis of the transmission  
6     needs statewide to achieve 100% coverage for  
7     electricity system by 2040 including interim goals.

8                   The second bulk system study is  
9     specific to offshore wind. The results of this  
10    analysis will then form a long-term transmission and  
11    storage strategy which can best support the  
12    development of the offshore wind by 2035 in a manner  
13    that provides adequate, reliable, and lowest system  
14    cost service to New York's electric consumers.

15                  The third study is a study by the  
16    investor-owned utilities and State transmission  
17    owners to identify transmission investments needed  
18    on the utility's distribution and local transmission  
19    systems to meet the C.L.C.P.A. goals.

20                  Pursuant to the Act, the Department  
21    of Public Service will report on the findings and  
22    recommendations of the Power Grid Study, within 270  
23    days of the enactment of the bill which would be by  
24    the end of this year. However, the Department may

25

1 8-13-2020 - Monthly Meeting

2 issue findings and recommendations at any time before  
3 and after that date.

4 The Act also requires the Public  
5 Service Commission to subsequently issue a  
6 comprehensive review of the actions taken under  
7 Section 7 of the Act which is the Power Grid Study  
8 and program to achieve the C.L.C.P.A. targets. That  
9 review will among other things, look at the impacts  
10 on a great congestion and the targets as a result of  
11 implementing the investment plans developed out of  
12 the Power Grid Study.

13 This review will be done by January  
14 1st, 2023 and every four years thereafter and will  
15 include a public-comment process. And the Public  
16 Service Commission can institute new proceedings to  
17 address any deficiencies identified related to  
18 addressing immediate system upgrades. Next slide,  
19 please. I'll now talk a little more about the  
20 development of the distribution and local  
21 transmission capital plans.

22 Pursuant to the Act, within 60 days of  
23 receipt of the results of the study, the Public  
24 Service Commission must commence proceeding to  
25 establish the distribution and local transmission

1                   8-13-2020       -     Monthly Meeting  
2     capital plan for each utility that the study  
3     identified for upgrades.

4                   The plan will include a prioritized  
5     schedule to accomplish identified distribution and  
6     local transmission upgrades for each utility. The  
7     Public Service Commission will address utility  
8     distribution, local transmission upgrade plans  
9     consistent with Public Service Law including through  
10    utility rate cases.

11                  The Act also calls upon the Long  
12    Island Power Authority concurrently to establish a  
13    capital program for upgrades identified on its  
14    distribution and local transmission system. On May  
15    14th, 2020, the Public Service Commission initiated a  
16    proceeding related to the development of local  
17    transmission and distribution investment plan.

18                  Its order initiating the proceeding in  
19    case 20-E-0197 the Commission directed utilities to  
20    file proposals to establish decisional criteria and  
21    cost-recovery methods for distribution of local  
22    transmission investments by October 5th. The final  
23    results of the Power Grid Study related to  
24    distribution and local transmission are expected by  
25    November 1st. Public comments will be sought on a

1 8-13-2020 - Monthly Meeting

2 grid study results and utility proposals. Next  
3 slide, please.

4 The Commission's May 14th order also  
5 directs the utilities to update staff in August on  
6 the status of the utilities working group's effort.  
7 The utilities has the workstreams of three sub-  
8 working groups, which are, the Technical Analysis  
9 Working Group, the Transmission Policy Working Group,  
10 and the Advance Technologies Working Group.

11 I'll now provide a little more detail  
12 regarding these workgroups and their progress thus  
13 far. Next slide.

14 The overall goal of the Technical  
15 Analysis Working Group is to identify distribution  
16 and local transmission grid expansion projects. In  
17 each investor-owned utility and LIPA service  
18 territories that can proactively ready the grid for  
19 delivery of renewable supply, the retirement of  
20 fossil generation their entire meta fossil generation  
21 and increase electrification to satisfy the State's  
22 clean energy goals.

23 The analysis will identify where there  
24 is existing headroom to inter-connect renewable  
25 resources as well as where there are expected to be

1                   8-13-2020       -     Monthly Meeting  
2     bottlenecks.  It will also look at synergies with the  
3     utilities existing capital plans and it will identify  
4     least-cost upgrades, new projects or emerging  
5     technologies that will facilitate the inner  
6     connection of renewable resources and the achievement  
7     of the clean-energy goals.

8                   With respect to the status of the  
9     work, the analysis being conducted by the utilities  
10    and LIPA have advanced to varying degrees.  As of  
11    August, some utilities were able to be -- begin  
12    identifying specific transmission projects to achieve  
13    the State's environmental objectives.  For others,  
14    the analysis is ongoing.

15                  All the utilities and LIPA are  
16    expected to provide a comprehensive list of projects  
17    in the November 1st file.  Next slide, please.

18                  The second working group of the  
19    utility TME Investment Workgroup is the transmission  
20    policy workgroup.

21                  The goals of this group include  
22    identifying criteria but prioritizing transmission  
23    projects that account for C.L.C.P.A. benefits in the  
24    context of the utilities, other capital expenditures  
25    and the C.L.C.P.A. time frames.  Establishing a

1                   8-13-2020       -     Monthly Meeting  
2     framework for comparing a potential C.L.C.P.A.  
3     project's costs to its benefits.

4                   Recommending regulatory pathways, to  
5     allocate and recover the cost of such projects,  
6     evaluating options for stakeholder engagement and  
7     recommending improvements to the Article 7 process.  
8     The transmission-policy working group is moving  
9     forward on all workstreams and pursuant to the  
10    Commission's May 14th order, filing to the Commission  
11    on October 5th. Next slide, please.

12                   The third workgroup is the Advance  
13    Technologies Working Group. The purpose of this  
14    group is to investigate whether existing, emerging,  
15    or through research and development, new technologies  
16    will be invested in and deployed to enhance grid  
17    efficiency to achieve the State's climate policy  
18    goals.

19                   To date this group has prioritized key  
20    issues to achieving C.L.C.P.A. goals such as  
21    eliminating bottlenecks and has developed a list of  
22    potential technology solutions to address those two  
23    issues. The next steps for this group include  
24    developing use cases of potential technology  
25    solutions, establishing a process to vet new

1 8-13-2020 - Monthly Meeting

2 technologies and developing cost and benefit analysis  
3 of potential technology solutions and developing  
4 implementation plans. Next slide, please.

5 We'll now move on to the second  
6 investment plan of the Public Service Commission Law  
7 established pursuant to the Accelerated Renewable  
8 Energy Growth and Community Benefit Act. That is the  
9 bulk transmission system investment plan. Bulk  
10 system investment plan will be based on a result of  
11 the Power Grid Study related to the bulk transmission  
12 system as discussed earlier.

13 Within 60 days of the receipt of the  
14 results on the Power Grid Study, the P.S.C. is  
15 required to commence the proceeding to establish a  
16 bulk transmission system investment program for the  
17 State's siting authority over such assets.

18 Again, there will be an opportunity  
19 for public comment on the study results and the  
20 investment plan related to the bulk transmission  
21 system. The P.S.C. will submit the bulk transmission  
22 investment plan to the New York I.S.O., for use in  
23 the New York I.S.O.'s planning process.

24 Specifically, the P.S.C. will identify  
25 potential projects for public policy needs of the

1 8-13-2020 - Monthly Meeting

2 bulk system investment plan for inclusion in the New  
3 York I.S.O.'s public policy transmission planning  
4 process or four to Order 1000 process. Within eight  
5 months of the commencement of that process.

6 The P.S.C. will also identify priority  
7 projects from the investment plan that will be  
8 developed by NYPA rather than selected through the  
9 New York I.S.O.'s four to Order 1000 solicitation  
10 process. And just to note, nothing in this Act  
11 supersedes the requirements of Article 7 transmission  
12 siting regulations.

13 Therefore, depending on the size,  
14 projects that are identified through this process may  
15 also need to go through an Article 7 permitting  
16 process. Next slide, please. I'll now talk briefly  
17 about some of the ongoing transmission projects in  
18 New York. Next slide.

19 There are currently three projects  
20 that were selected through the New York I.S.O. public  
21 policy transmission planning process and are  
22 currently in the Article 7 siting process. The  
23 Western New York Public Policy Project is intended to  
24 obtain full output of the Niagara hydro facility,  
25 maximize Ontario imports, and maximize exports of

1 8-13-2020 - Monthly Meeting

2 renewable resources out of Western New York to the  
3 rest of the State.

4 The developer of the Western New York  
5 Public Policy Transmission Project is Next Era and  
6 the project is expected to be in service by the first  
7 half of 2022. The other two public policy  
8 transmission projects currently in the siting process  
9 are the two A.C. transmission projects.

10 These projects are referred to as  
11 segment -- segments A. and B. Segment A. will run  
12 from Marcy to New Scotland and will increase the  
13 transfer capability from the central -- from central  
14 New York to eastern New York by approximately 800  
15 megawatts, well above the Commission's minimum  
16 requirement of 350 megawatts and will help enable the  
17 deliverability of renewable resources.

18 The developers of this project are LS  
19 Power and NYPA. Segment B. will run from Al -- the  
20 Albany region to the Hudson Valley region and will  
21 increase transfer capability by approximately 2,000  
22 megawatts, also significantly above both the  
23 Commission's minimum requirement of 900 megawatts.

24 The developer for this project is  
25 Transco. Both these projects are expected to be in

1                   8-13-2020       -     Monthly Meeting  
2     service by December 2023. Next slide, please. And  
3     finally, I will discuss some recently filed petitions  
4     related to priority transmission projects that are  
5     intended to fast track certain projects related to  
6     identify transmission needs for achieving C.L.C.P.A.  
7     goals. Next slide, please.

8                   On July 2nd, a two-part petition was  
9     filed. The petition contained D.P.S. staffs'  
10    proposed criteria from New York Power Authority  
11    Priority Projects as well as a NYPA proposed priority  
12    project located in northern New York which I'll  
13    discuss in more detail on a subsequent slide.

14                  With respect to the proposed criteria,  
15    D.P.S. staff proposed that the Commission consider  
16    certain factors in evaluating whether the  
17    transmission investment qualifies for designation as  
18    a priority project that should be developed by NYPA.

19                  Each criteria include the ability of  
20    NYPA to expedite development based in part on the  
21    proximity of existing assets, but an early in-service  
22    state from the transmission investment for the  
23    increase is likely but state would meet the  
24    C.L.C.P.A. targets as well as several other factors  
25    related to the need for more expedited process.

1 8-13-2020 - Monthly Meeting

2 In a separate petition filed on July  
3 13th, NYPA proposed a second priority transmission  
4 project in the Western New York region of the State  
5 which I'll also provide additional detail on. Next  
6 slide, please. According to NYPA, its proposed  
7 Northern New York transmission project would expand  
8 deliverability of approximately 1,000 megawatts of  
9 renewable energy.

10 This project is an expansion of NYPA's  
11 ongoing smart path project. Specifically, this  
12 proposed project consists of re-building or upgrading  
13 approximately 100 miles of five local transmission  
14 lines in Northern New York as well as additional  
15 substation and ancillary system at improvements.  
16 Next slide, please.

17 With respect to NYPA's proposed  
18 Western New York Priority Transmission Project,  
19 according to the petition, this project would  
20 accommodate the transport -- transfer of an  
21 additional approximately 600 megawatts of renewable  
22 generation across the Western region to load centers.

23 The project consists of upgrades to  
24 assets owned by National Grid, NYSEG and NYPA,  
25 including the rebuild of 42 miles of 230 cable

1                   8-13-2020       -     Monthly Meeting  
2     transmission lines. The separation of various  
3     transmission lines on to separate utility poles, the  
4     addition of a phase angle regulator to the system and  
5     other ancillary system improvements.

6                   Next slide, please. I'll now discuss  
7     one other transmission project that hasn't been --  
8     has been identified as a potential project for  
9     achieving a State C.L.C.P.A. goals. On July 30th,  
10    the Long Island Power Authority or LIPA submitted a  
11    referral to the Public Service Commission seeking a  
12    determination that the 2018 offshore wind standard is  
13    a public policy driving the need for transmission and  
14    of finding of a need for additional export capability  
15    on a LIPA Con Edison interface and upgrades to an  
16    existing local transmission system on Long Island.

17                  To support the 2018 offshore wind  
18    procurement target of 2400 megawatts. That referral  
19    is currently before the Commission. If the  
20    Commission determines that there is a public policy  
21    need, the next step would be for the Commission to  
22    issue an order with referral of the public policy  
23    transmission needs to New York I.S.O.

24                  The New York I.S.O. would then begin  
25    the competitive solicitation process to select the

1                   8-13-2020       -     Monthly Meeting  
2     best project to be identified and -- that concludes  
3     my portion of the presentation on our transmission  
4     planning efforts.  Bob Rosenthal, Eliz Grisaru, Leka  
5     Gjonaj, Dave Drexler and I are available for  
6     questions.

7                   CHAIR RHODES:  Thank you very much,  
8     Tammy, and thank you very much, Bob.  We need more,  
9     we need smarter, we need faster transmission.  So  
10    recognizing this, there is necessarily, simply put, a  
11    lot going on.  You've given us an overview of the  
12    work that's underway.  You've given us an overview of  
13    the timing and the nature of the findings and results  
14    we can expect, and you've given us an overview of the  
15    decisions that we can anticipate coming for -- for --  
16    for Commission decision-making.

17                   I think this is a timely and useful  
18    presentation of the context for all of this and it's  
19    very well done.  I look forward to the results that  
20    you discussed.  Thank you very much.  Commissioner  
21    Burman, do you have any comments or questions?

22                   COMMISSIONER BURMAN:  Thank you so  
23    much.  This is Commissioner Burman.  I am very  
24    thankful that there was this -- for-information-only  
25    item presented.  We normally don't do this as a

1 8-13-2020 - Monthly Meeting

2 matter of course normally this for-information-only  
3 item or those items that we routinely do every year  
4 that's stated sessions related to a system  
5 reliability and preparations for the upcoming season.

6 So I think it's important to note and  
7 thank the Chair for putting this together, for giving  
8 information not only to the Commissioners, but to the  
9 interested stakeholders. Back in May -- May 14th,  
10 2020 session, when we opened up the docket, I had  
11 stated that it was important that we move forward in  
12 a responsible way, and also in an appropriate  
13 transparent way and look at how the proceedings  
14 related to the studies aligned with other items.

15 From my perspective, as I said then, I  
16 will underscore the importance of us critically  
17 looking at both reliability and past issues and  
18 working with our experts, and most importantly, the  
19 I.S.O. that's really really critical especially as it  
20 relates to reliability and resiliency and how this is  
21 all going to work.

22 But we often need to be very mindful  
23 that we have a number of related proceedings that  
24 interconnect with each other and that we have to be  
25 mindful that we are carefully and appropriately

1                   8-13-2020       -     Monthly Meeting  
2     working with folks, so they understand which  
3     proceedings, certain items, certain substantive areas  
4     may get addressed.

5                   And also making sure that we are  
6     looking at all of them and how they operate together  
7     because even if there are some parties who may not  
8     put comments in one proceeding, they may have done it  
9     in another proceeding and all of that relates  
10    together.

11                  In particular, we have had in the last  
12    few months -- weeks and even days, a number of  
13    different filings and petitions, some coming from  
14    NYPA, some coming from NYSERDA and some coming with  
15    white papers from our own staff.

16                  So altogether, all of this is really  
17    important to look at and also to be mindful that  
18    there is a lot of work to be done and a lot of  
19    overload for the stakeholders to try to respond to,  
20    and also to know where we're going in other areas  
21    like research adequacy, the COVID-19 case, and other  
22    ongoing proceedings.

23                  On page six of the PowerPoint, there  
24    was a reference to the ability for the P.S.C. to look  
25    at doing things out of cycle. And I just want to

1                   8-13-2020       -     Monthly Meeting  
2     reference that because it was also, it also mentioned  
3     here the recent solicitation issued on August 3rd.  
4     The question I really have either for our counsel or  
5     for Tammy is related to the solicitation that came  
6     before that August 3rd, 2020.

7                   What is that, there was a reference to  
8     that and what does that mean. And sort of just  
9     making sure that sort of flagging what may become a  
10    more important moving item.

11                  MR. ROSENTHAL: I can answer that. So  
12    thank you for the question, Commissioner Burman.  
13    This is Bob Rosenthal. So the NYISO tariffs really  
14    left a lot of discretion to the Commission to adopt  
15    or -- or identify transmission needs, either on cycle  
16    during this two-year, you know, cycle or out of  
17    cycle.

18                  And so what you're going to see from  
19    or, you know, what you've seen from the LIPA referral  
20    is although the referral itself was filed within the  
21    two-year cycle, the Commission is authorized under  
22    the tariff to address it out of cycle.

23                  Also, as part of any, you know, the  
24    Commission is also responsible under the NYISO tariff  
25    for explaining why it didn't take up certain

1                   8-13-2020       -     Monthly Meeting  
2     identified transmission needs based on public policy.  
3     So there were 15 responses to the August 3rd, 2018  
4     solicitation.

5                   And as part of any, you know, any  
6     order, if the Commission decides to take up the --  
7     the LIPA referral, the -- that order would have to  
8     address why it is not taking up any of the other  
9     offered ones. And I would just note most of the  
10    others were based on the existing, renewable energy  
11    standard, that was, you know, in existence, in -- in  
12    2018.

13                   Obviously since then, the C.L.C.P.A.  
14    has been enacted, which creates, you know, a  
15    different set of mandates. And so I think without  
16    prejudging anything, that is largely why we, you  
17    know, there hadn't been any, you know, proposal, from  
18    staff on whether or not or from LIPA, which is  
19    authorized under the -- the NYISO tariff to make a  
20    referral, why you're seeing it now, rather than at an  
21    earlier point.

22                   COMMISSIONER BURMAN: Okay. Thank  
23    you. I think that's important and I do flag what I  
24    see as an important past item that is still relevant  
25    and may become more relevant. The other issue you

1                   8-13-2020       -     Monthly Meeting  
2     mentioned that the -- and that pre-dating the  
3     C.L.C.P.A. that to me is something that I think we  
4     are still working through.

5                   We're still working through not only  
6     as a Commission but in the other ongoing matters  
7     within the Commission, as well as external to the  
8     Commission, including the climate council and the  
9     justice groups and other things that are ongoing. To  
10    the extent that the -- CES and other sources,  
11    especially as to funding were there.

12                  I do want to remind people that, at  
13    the August 1st, 2016 session when the CES order was  
14    adopted. There was in that order, at least I think,  
15    22 times the reference to the triennial review coming  
16    back to the Commission. The triennial review report  
17    from NYSERDA came out June 1st of 2020.

18                  But I am less clear on what that means  
19    now in terms of the Commission itself and relevant  
20    stakeholders, having an opportunity to utilize that  
21    report in a way that gives us true guidance on what  
22    is necessary. And also, how it compliments or not,  
23    other ongoing matters.

24                  And how it aligns with the C.L.C.P.A.  
25    and whether things are necessary. The order itself

1 8-13-2020 - Monthly Meeting

2 recognizes that that's the importance of that  
3 triennial review. And I do think that as we look at  
4 all of these things, we need to be mindful that we  
5 need to truly get under the hood a little bit.

6 All of this information is very  
7 helpful. It is similar to some of the things that  
8 were said at the May session. But it's a lot of at  
9 high level rather than now, okay, what does this  
10 actually mean, and how will the Commission be part of  
11 now looking at that review, if you want to comment on  
12 that?

13 MR. ROSENTHAL: I don't, I really  
14 don't have much to say about that, maybe Tammy does.  
15 I mean, I agree with you that there's -- there's  
16 certainly a lot going on right now. Obviously, we  
17 have a C.E.S. 2.0 white paper that is out. And, you  
18 know, the Commission would be, you know, in position  
19 to take action on that, you know, in -- in fall, in  
20 the fall.

21 So that would obviously be, you know,  
22 it's -- it's -- it's got a lot of new programs in it  
23 and it otherwise would be implementing aspects of the  
24 C.L.C.P.A. As far as this transmission process goes,  
25 it -- you know, it's the C.L.C.P.A. itself that I

1 8-13-2020 - Monthly Meeting

2 think parties are going to be responding to.

3 I really don't have anything else to  
4 say with respect to the -- how the triennial review  
5 itself interacts with these other proceedings,  
6 perhaps others do.

7 CHAIR RHODES: Perhaps we can -- go  
8 ahead, Tammy.

9 COMMISSIONER BURMAN: No, that was me,  
10 Diane.

11 CHAIR RHODES: Okay. Well, go ahead,  
12 Commissioner Burman.

13 COMMISSIONER BURMAN: Well, I guess  
14 I'm not going to belabor the point. The order itself  
15 was very clear, our orders since then and even  
16 postdating C.L.C.P.A. refers to the -- the -- CES  
17 it's a large item, it has significant funding. And  
18 to the extent that, we're not clearly articulated  
19 what it means from this triennial review.

20 It's not enough for me that the report  
21 was filed, that -- that doesn't necessarily fulfill  
22 my obligation as a regulator. And especially as to  
23 the order itself that has certainty on what would  
24 come back before the Commission. I'm not -- I do  
25 think that we need to do a deeper dive into all of

1 8-13-2020 - Monthly Meeting

2 the different matters.

3 And now what we need to look at,  
4 especially as we grapple with the cost as well as,  
5 the changes, et cetera. We have an item on the  
6 consent agenda that is dealing with adopting NYSERDA  
7 CES phase 4 implementation plan. And to the extent  
8 that for me, when I look at all of these things, I  
9 think that we need to be mindful of exactly what we  
10 have done, where we're going and how we tie these  
11 things together in a way that gives us the certainty  
12 and the path forward.

13 And, you know, I'm going to stable,  
14 you know, other things for the -- the other matters  
15 and proceedings where a lot of this is coming to the  
16 C.L.C.P.A. and -- and file comments on some of the  
17 items I think are coming at the end of August as  
18 well. So there will be time to get under the hood a  
19 little bit.

20 I do think it's important that  
21 stakeholders really listen and also offer their  
22 thoughts on what they heard today in the relevant  
23 ongoing proceedings and in the filings that are still  
24 pending that if they have questions or concerns too,  
25 I think it's appropriate.

1 8-13-2020 - Monthly Meeting

2 I, as, the regulator will be looking  
3 at the record, will be looking to try to see what --  
4 where there is confusion, where there is not, and  
5 also where there are opportunities for us to help  
6 with the regulatory certainty. But also, with the  
7 job at hand. It's not enough to refer to the  
8 C.L.C.P.A. as under the C.L.C.P.A. we have to do  
9 this.

10 We, as an obligation, must look very  
11 carefully at what that means in terms of the  
12 implementation and what else we need to incorporate  
13 for that glide path that continues to ensure, you  
14 know, that we are moving in a way that is -- is  
15 helpful with our energy future.

16 So you know, I'm -- I'm not going to  
17 belabor it, but I do think that we need to think  
18 carefully about that. And again, we've referred  
19 consistently to the C.E.S. and the importance of that  
20 triennial review. And I don't think just the filing  
21 of that report June 1st, 2020 is enough.

22 I will ask the question unrelated to  
23 what we just talked about but related to this item,  
24 which is on the bulk power system in the study. So  
25 NERC came out recently with this 2020 State

1                   8-13-2020       -     Monthly Meeting  
2     Reliability Report, which looks at the past 2019 year  
3     and how the bulk power system performed as to  
4     reliability.

5                   Essentially, the NERC report in a high  
6     level summary, though with much detail within the  
7     report, stated that in the face of rapid significant  
8     changes to the generation resource mix, the bulk  
9     power system continued to perform at a very high  
10    level of reliability in 2019 as the a positive.

11                  It also talked about that performance  
12    trends for generation and transmission as well as  
13    protection and control measures are positive, and  
14    metric showed improvement in numerous areas. They  
15    underscored that with appropriate insights, careful  
16    planning, and continued support, this sector will  
17    continue to navigate the challenges in a matter that  
18    maintains reliability.

19                  I do think that report is very helpful  
20    and especially as to the fact that the key importance  
21    of appropriate insight, careful planning, and  
22    continued support to maintain reliability is really  
23    important. That means that what we do and how we  
24    intersect with NERC and others and FERC and all of  
25    these different things are really important, and we

1 8-13-2020 - Monthly Meeting

2 don't have the luxury of getting it wrong.

3 I wondered if staff has looked at that  
4 NERC report, if it's a part of the analysis in the  
5 bulk power study? Are they leaning into NERC  
6 expertise as well as I.S.O. expertise on these  
7 critical issues?

8 MS. MITCHELL: So Commissioner Burman,  
9 this is Tammy Mitchell. I will say that, you know,  
10 fundamentally the basis of any of our studies is the  
11 reliability criteria. So we're looking to achieve,  
12 you know, public policy goals. But we're using all  
13 the standard reliability criteria and doing the  
14 analysis.

15 Staff is aware of the report and has  
16 reviewed it and we are working closely with the New  
17 York I.S.O. and all of our analyses.

18 COMMISSIONER BURMAN: Great. I'm  
19 really glad to hear that. Thank you so much. I will  
20 state that my comments at the May 2020 session, were  
21 things that I think are still important as it relates  
22 to this. One of the things that I will point out,  
23 we, in -- in the slide presentation that staff  
24 shared.

25 There were several slides related to

1                   8-13-2020       -     Monthly Meeting  
2     NYPA and the priority project. I do think it's  
3     really important, there were -- there are a number of  
4     very nuanced issues and important things to kind of  
5     get under the hood. There are currently NYPA  
6     petitions pending, so I don't want to prejudge.

7                   But I do want to flag that, I will be  
8     looking carefully at comments and -- and those items  
9     to see how, you know, old stakeholders feel on that.  
10    And the analysis is important. It's also really  
11    important that there are guardrails in place in  
12    NYPA's role here.

13                   NYPA wears many different hats and  
14    also like NYSERDA, is issuing relevant R.F.P.s and  
15    engaging with external partners. We need to be  
16    really careful of, you know, any potential hiccups in  
17    that, any potential conflicts and also how we  
18    maneuver through these -- this in a way that gives  
19    people certainty in the competitive market as well as  
20    inability that we are being -- not giving a leg up to  
21    NYPA, in an unfair way.

22                   We have had similar, you know,  
23    grappling what we've had to deal with, how do we  
24    handle utilities and some of their partners. And I  
25    just think that we need to be very mindful of

1 8-13-2020 - Monthly Meeting

2 ensuring appropriate guardrails are in place so that  
3 there is no issue as to that. I don't know if anyone  
4 wants to speak to that issue.

5 MR. ROSENTHAL: Sure. I can speak to  
6 it. This is Bob Rosenthal. So we, as part of the  
7 July 2nd, 2020 petition, you know, it was a two-part  
8 petition and the first part was dedicated to proposed  
9 criteria on, that should be applied by the Commission  
10 in determining whether or not NYPA should be the  
11 entity that undertakes a project.

12 And I think it's in that, in the  
13 context of those criteria. I think, you know, can  
14 certainly, you know, if the guardrails that you're  
15 talking about can be included in criteria. And we  
16 don't, you know, we do have a similar perspective, I  
17 think, to what you have in terms of trying to ensure  
18 that there's a really transparent and open reason and  
19 set of criteria regarding that selection process and  
20 so people understand what that is.

21 COMMISSIONER BURMAN: Right. Okay.  
22 Thank you. I appreciate that. As I said, I'm really  
23 happy that you presented this information only item.  
24 There is a lot that's out there. There is  
25 significant number of studies, reports, white papers,

1 8-13-2020 - Monthly Meeting

2 pending comments that are only coming in on so many  
3 different proceedings.

4 And we also have on top of that other  
5 ongoing ones that have already been put on the  
6 docket. And we're getting routinely now new  
7 petitions that we also have to go through with. So I  
8 think it's -- my head is spinning and I recognize the  
9 hard work that staff has before it.

10 But also, the importance of making  
11 sure that we are properly managing this and properly  
12 listening to stakeholders. An interested party will  
13 really want to see movement and not get stuck in the  
14 molasses of, you know, trying to get through all of  
15 that. So thank you very much. I appreciate it.

16 MR. ROSENTHAL: Sure. Just let me --  
17 let me make one more comment, which is that we're  
18 intentionally, the NYPA petitions were included in --  
19 in the same docket that the initiating order or the -  
20 - the act that was, you know, enacted as part of the  
21 2020- '21 budget.

22 And that's -- that's where people will  
23 see a lot of the action is going to be in that case,  
24 which we identified in the presentation, which is 20-  
25 E-0197.

1 8-13-2020 - Monthly Meeting

2 COMMISSIONER BURMAN: I'm sorry, I  
3 think I'm confused. The 20-E-0197, you're saying  
4 that's the docket to look at, I'm just confused by --

5 MR. ROSENTHAL: That's any action that  
6 the Commission is to take or under Section 7 of the  
7 Act. You're going to see it in that docket. So the  
8 petitions that were filed by NYPA are -- were filed  
9 in that docket.

10 COMMISSIONER BURMAN: Right. So we  
11 had May 14th when we opened the docket.

12 MR. ROSENTHAL: Correct.

13 COMMISSIONER BURMAN: And then we've  
14 had two petitions in -- from NYPA that's been in  
15 there. One was on July 2nd and one was on July 13th.  
16 And so right now, we only have 11 parties identified  
17 in this docket, some of them from the same entities.  
18 So is there a way, if that's the docket that -- that  
19 a lot of this is going to get decided on.

20 Are we issuing -- what's the next  
21 step? I don't know -- since we've done the order on  
22 May 14th, I don't know that anything got SAPA'd or  
23 noticed from that order itself. And then we have the  
24 two NYPA petitions as well.

25 MR. ROSENTHAL: Right. So the two

1 8-13-2020 - Monthly Meeting

2 NYPA petitions were SAPA'd and I'm just suggesting --

3 COMMISSIONER BURMAN: Yes.

4 MR. ROSENTHAL: -- to you as staff  
5 comes forward with the plans, you know, that have to  
6 go through a public process, a public comment  
7 process. That's going to happen in that docket.

8 COMMISSIONER BURMAN: Okay.

9 MR. ROSENTHAL: And that's -- so  
10 that's the docket that, you know, the order 1,000  
11 docket is a different docket. But most of everything  
12 else you're going to see is in the doc -- docket that  
13 we identified in the case in that I just mentioned.

14 COMMISSIONER BURMAN: Okay. I just  
15 would recognize and be mindful of the fact that you  
16 both made a lot of comment in a lot of other pending  
17 proceedings that may affect directly or indirectly  
18 what we may or may not do, going forward. And I  
19 think it's important for us to be mindful of that.

20 And also, to not show people a des --  
21 a desire to submit substantive doc -- comments if we  
22 don't take them up in there. But we wind up taking  
23 them up in something else that they weren't  
24 necessarily engaged in.

25 MR. ROSENTHAL: Understood.

1 8-13-2020 - Monthly Meeting

2 COMMISSIONER BURMAN: Okay. Thank  
3 you. I have nothing -- no, nothing further. And  
4 thank you again.

5 CHAIR RHODES: Thank you.  
6 Commissioner Alesi.

7 COMMISSIONER ALESI: Thank you, Mr.  
8 Chairman. And this is an extensive and comprehensive  
9 roadmap to renewable energy growth that will keep New  
10 York at the forefront of intelligent and responsible  
11 use of advanced technologies.

12 Hopefully, that will provide better  
13 and faster transmission. And once again, staff has  
14 provided us with an action plan that demonstrate  
15 their hard work and commitment. And I should state  
16 that it is exactly this kind of professionalism that  
17 will help us reach our energy goals, every step of  
18 the way. And I applaud their efforts, and I fully  
19 embrace this plan.

20 CHAIR RHODES: Thank you very much.  
21 Commissioner Edwards.

22 COMMISSIONER EDWARDS: No, I don't  
23 have any questions. I just want to thank all of you  
24 for this presentation, Tammy and Bob and Team. It's  
25 -- it's really -- it's good. And I think to move --

1 8-13-2020 - Monthly Meeting

2 we can do to move this along the better, I just hope  
3 that we, you know, prioritize removing any roadblocks  
4 and making sure that we're getting real-time feedback  
5 as we continue to move this forward is -- would be  
6 great. Thank you.

7 CHAIR RHODES: Thank you very much.  
8 Commissioner Howard.

9 COMMISSIONER HOWARD: I just have a  
10 couple of brief comments and then -- and then one  
11 quick question. I just think, it's usually important  
12 for everyone involved in this process to remember the  
13 history of the bulk transmission system. Why it  
14 exists, how it's changed to date.

15 The transmission system was originally  
16 built to serve native load of monopoly utilities.  
17 And the ratemaking both at the State and federal  
18 level was based on that. When we moved to a  
19 competitive environment, the transmission system was  
20 used to also -- to expedite commerce between  
21 competitive generators.

22 Then ultimately again, serving native  
23 load. This new paradigm is -- is dramatically  
24 different from that as -- as anything to be imagined.  
25 That the primary focus of our bulk transmission

1                   8-13-2020       -     Monthly Meeting  
2     system will now be to enhance and provide  
3     environmental benefits, through zero emission  
4     generation across the State.

5                   And as we all know, where the  
6     generation of this zero emission energy comes from  
7     is, in many cases, quite honestly, in most cases,  
8     pretty far removed from the load. This will require  
9     large investments that were not particularly  
10    contemplated ever before merely to provide system  
11    reliability.

12                   So again, I think we will see a lot of  
13    activity all in the name of public policy but just  
14    remind everyone, this is a new and different paradigm  
15    than what we've experienced in the past. To that  
16    end, I have one question. Who -- remind me, that  
17    once a transmission project is permitted and then  
18    under construction. In fact, describe how the  
19    tariffs of what is charged on that for the use of  
20    that transmission system?

21                   I believe, and correct me if I'm  
22    wrong, that is completely in the jurisdiction of --  
23    of FERC, is that correct?

24                   MR. ROSENTHAL: That's correct. So  
25    basically, you know, under Order 1000, it's a

1 8-13-2020 - Monthly Meeting  
2 Beneficiary Pays Principle, which is an economic, you  
3 know, who are the economic beneficiaries of the  
4 energy, is the biggest part of that rate, but the  
5 Commission itself in the Order 1,000 process can  
6 recommend as part of criteria, what it believes the  
7 rate should be.

8 And then NYISO would typically take  
9 that up and included as part of its, you know,  
10 selection of the more efficient or cost-effective  
11 solution. But --

12 COMMISSIONER HOWARD: Okay.

13 MR. ROSENTHAL: -- ultimately, you're  
14 correct, the -- all the bulk transmission projects  
15 have to get -- go through the FERC process to get,  
16 you know, a rate and an allocation.

17 COMMISSIONER HOWARD: Also, my other  
18 question is, at what point do we get a broad gap or -  
19 - or a refined estimate of the total cost of these  
20 system improvements to meet these public policy  
21 goals?

22 MR. ROSENTHAL: I -- I think that  
23 Tammy can answer that. You know, on the bulk  
24 transmission side, we are undertaking the bulk  
25 transmission side. And if I'm not -- not mistaken

1 8-13-2020 - Monthly Meeting

2 and Tammy can correct me if I'm wrong, there will be,  
3 you know, a relative estimate of the cost of the  
4 projects.

5 MS. MITCHELL: Yes. That's correct.  
6 This is Tammy Mitchell. So as part of our analysis,  
7 particularly looking at costs and benefits for  
8 decision-making and prioritization of projects, there  
9 will be some high level, you know, estimate costs  
10 potential of the project.

11 MR. ROSENTHAL: And just --

12 COMMISSIONER HOWARD: And to that --  
13 I'm sorry, Bob, go ahead.

14 MR. ROSENTHAL: Let -- let -- let me  
15 just add one more point which is that there's --  
16 there's the cost project but on top of that, you  
17 know, having a transmission constraint means that a  
18 relatively low cost entity from one place in the  
19 State can't get to another place in the State during  
20 a peak period and instead high cost energy is being,  
21 you know, used.

22 And so there's a lot of benefits.  
23 There's going to be a lot of economic benefits.  
24 Particularly with, you know, all of the -- you know,  
25 all the first set of projects that come through are

1 8-13-2020 - Monthly Meeting

2 all going to, you know, in my view, are all going to  
3 be focused on transmission constraints, getting rid  
4 of those constraints, which will -- which will allow  
5 pretty massive, you know, deliverability of energy to  
6 -- to parts of the State that you can't get that  
7 energy to during peak periods.

8 COMMISSIONER HOWARD: Well, I would  
9 concur that the first projects are almost self-  
10 evident. And that have been, quite honestly, kicking  
11 around for some time in terms of their ability to --  
12 even under an older system to move energy at the  
13 benefit -- cost benefit to ratepayers.

14 Again, just again, tell us again,  
15 that remind us to pan back, our movement to a  
16 decarbonized, while appropriate, necessary and --  
17 and vital for not only our State's future but the  
18 Planets future. It will not come -- it will not be  
19 free. And that every effort that we need to do to  
20 minimize the actual cost to consumers of -- of this  
21 transition -- it will be vital.

22 Not only on the large bulk  
23 transmission system that goes over cumulatively  
24 thousands of miles, but in particular, as we deal  
25 with individual service territories and those

1 8-13-2020 - Monthly Meeting

2 investments that will be needed in those systems.

3 Again, the -- how do we do that at its  
4 most cost-effective measure. And be enormously  
5 transparent upfront with the rate paying public about  
6 what the expected costs will be. Because the  
7 benefits on the environment, which seem to be self-  
8 evident.

9 However, what people pay in their  
10 bills will be the most immediate impact in some  
11 respects of -- of these investments. So again, thank  
12 you very much. You have done an awful lot of work.  
13 I don't want to say your task in front of you and --  
14 and the associated other agencies is daunting. I  
15 will say it is enormously challenging. And thank you  
16 for your good work.

17 CHAIR RHODES: Thank you, Commissioner  
18 Howard. The -- this is an informational item. We  
19 need to take no action and make no decision as a  
20 Commission. So we will move to the consent agenda.  
21 Do any commissioners wish to comment on or recuse  
22 from voteing on any items on the consent agenda?

23 COMMISSIONER BURMAN: Yes. I want to  
24 comment on two items. The first is Item 163. It's  
25 identifying that the tariff for National Grid and Con

1 8-13-2020 - Monthly Meeting

2 Ed on modifying its gas tariff schedules regarding  
3 interruptible gas for this program violations, et  
4 cetera.

5 This came up -- this item came to us  
6 as a petition for a re-hearing from New York City,  
7 requesting that and wanting specifically, there was a  
8 lot in the order. But it was focused, the petition  
9 for re-hearing was really focused mainly on the  
10 definition and expanding the definition of critical  
11 care customers in their interruptible gas service  
12 tariff.

13 I am supportive of the expansion, that  
14 does not give the city all that it has asked for.  
15 But rather include now, in -- in the critical care  
16 definition, appropriate facilities, such as assisted  
17 living facilities, rehabilitation centers and  
18 homeless shelters.

19 I do want to give a nod to  
20 Commissioner Edwards who did raise this, when we  
21 first decided this item. And I'm glad to see that  
22 the definition is including that. However, I do need  
23 to remind folks that our job is not done just by the  
24 inclusion of this definition for critical care  
25 customers.

1 8-13-2020 - Monthly Meeting

2 There is a lot here that we still have  
3 to do starting in 2011 and obviously before that but  
4 starting 2011 and onward there have been a number of  
5 proceedings and collaboratives that have looked at  
6 gas related to firm gas, as well as interruptible  
7 customers.

8 And what that means not only in giving  
9 customers access to the energy that they desire, but  
10 also, from the reliability and a cost standpoint.  
11 Here, we need to be mindful that by expanding this  
12 definition, we also need to ensure that we are  
13 appropriately preparing for the reliability issues  
14 that may come, if all of these interruptible service  
15 customers who are critical care customers are unable  
16 to move off of gas when called upon. That is really  
17 the underlying issue with interruptible service. At  
18 this time, there are some customers who aren't able  
19 to apply for firm service. And therefore, they are  
20 in that category of interruptible service, et cetera.

21 We need to really make sure that we  
22 are holistically looking at all of these issues and  
23 ensuring that we have the right infrastructure in  
24 place, as well as the right collaborative discussions  
25 that need to happen on dealing with all of this and

1 8-13-2020 - Monthly Meeting

2 planning for it.

3 I do know that we are undergoing a  
4 number of different planning exercises and including  
5 and not limited to our P.S.C. order of March 19th,  
6 required each utility to produce the supply demand  
7 analysis within 90 days of gas supply constraints in  
8 vulnerable areas, as well as within 120 days such  
9 analysis within their entire service area.

10 And the report required analysis of  
11 the utility's reliance on peaking services. And  
12 Staff was directed to come up with a plan to  
13 modernize gas planning. At the same time, utilities  
14 have to file a report on measures we'll come up with  
15 to address supply imbalances.

16 It is really important that when we  
17 look at all of these things, we don't do it in  
18 isolation. If you go back over the number of  
19 different proceedings where we've addressed this  
20 issue, 2011 and 2016, where this collaborative --  
21 collaborative came out 2018 and 2019.

22 We have had a number of different fits  
23 and starts on these issues, as well as trying to deal  
24 with these important issues. It is not just limited  
25 to the critical care customers. It's a wider issue

1 8-13-2020 - Monthly Meeting

2 that we need to make sure that we're getting it right  
3 and making sure that we have reliable cost-effective  
4 energy for all. So thank you so much.

5 Then the other item is Item 369, which  
6 is -- hold on, let me just pull it up, I'm sorry.  
7 Which is the C.E.S. phase four implementation plan  
8 proposal that was filed on April 17th, 2020 by D.P.S.  
9 and NYSERDA. And it's now before us getting --  
10 adopting that I am going to be voting, no. It is not  
11 that some of the substance that's in that order is  
12 not in the -- in the proposal, not that I'm opposed  
13 to some of those things.

14 However, I am really concerned that we  
15 are doing this in a consent agenda by adopting this  
16 without looking at how this relates to ongoing and  
17 still awaiting other comments as it relates to the  
18 C.L.C.P.A. and other efforts, and also, a clearer  
19 understanding of the things that were brought out in  
20 the triennial review.

21 The triennial review was supposed to  
22 be looking at it also from the importance of cost  
23 management, as well as what else we may need to do.  
24 And I don't think it's appropriate to at this time,  
25 just adopting this without a further discussion, how

1 8-13-2020 - Monthly Meeting

2 all of these things fit, especially in light of COVID  
3 and ongoing struggles that we have. Thank you very  
4 much. I have no other comments.

5 CHAIR RHODES: Thank you very much,  
6 Commissioner Burman. Commissioner Alesi?

7 COMMISSIONER ALESI: No comments.  
8 Thank you.

9 CHAIR RHODES: Thank you.  
10 Commissioner Edwards.

11 COMMISSIONER EDWARDS: Just on 163 and  
12 thank you, Commissioner Burman for pointing out 163.  
13 I -- and I want to thank the staff for also  
14 reaffirming the position, because it is important  
15 that it's not just operational support facilities  
16 that are considered critical care but the actual care  
17 facilities themselves.

18 So I want to thank the staff for  
19 reaffirming that position and Commissioner Burman,  
20 thank you for -- thanking me. Okay. That's it for  
21 me. Thank you.

22 CHAIR RHODES: That was very, very  
23 nice. Commissioner Howard.

24 COMMISSIONER HOWARD: Yes. Thank you,  
25 Mr. Chairman. I have just one brief comment at item

1 8-13-2020 - Monthly Meeting

2 660, regarding approval of franchise agreements with  
3 a variety of municipalities and their cable provider.

4 I think one thing that we have seen,  
5 particularly these last five months, is that much of  
6 cable service, particularly those relating to data  
7 service have moved into what -- what most would say  
8 is an absolute necessity. Unfortunately, most of our  
9 statutes regarding cable service and cable quality  
10 has not progressed along with the industry.

11 And certainly, the consuming public's  
12 reliance on cable service to move data service going  
13 forward. And it's unfortunate that most of these  
14 actions and these -- these issues regarding State  
15 cable service and certainly pricing is outside the  
16 realm of this Commission.

17 I wouldn't worry that it was and there  
18 are only a couple of nexuses where State or local  
19 governments have any inter -- possible sway, when the  
20 cable providers regarding things and these local  
21 franchise agreements are one of them. And I would  
22 encourage municipalities as they do this to  
23 understand their role in -- in the issue of providing  
24 quality service to their constituents.

25 I would also hope, and I would ask

1                   8-13-2020       -     Monthly Meeting  
2     staff as, particularly as we go through the outages,  
3     this study regarding the most recent tropical storm  
4     that we identify, those issues regarding health,  
5     regarding cable service, those things that fit and  
6     their -- and their role, not only in for the  
7     utilities but for the broader public in terms of  
8     keeping them aware of what's going on in their  
9     community.

10                   And to suggest and to point out where  
11     -- where the Commission has authority, to take action  
12     and where -- and identify those items where we do not  
13     have authority, where it may need dramatic changes  
14     both particularly on the federal level and  
15     legislation, empowering State Commissions to have  
16     authority over what I believe now is an essential  
17     utility service. But that's it. Thank you.

18                   CHAIR RHODES: Thank you very much.  
19     So I will proceed to call for a vote on the consent  
20     agenda. This is John Rhodes and my vote is in favor  
21     of the recommendation on the consent agenda.  
22     Commissioner Burman, acknowledging your exceptions,  
23     how do you vote?

24                   COMMISSIONER BURMAN: I vote, yes.  
25     Thank you.

1 8-13-2020 - Monthly Meeting

2 CHAIR RHODES: Thank you.

3 Commissioner Alesi, how do you vote?

4 COMMISSIONER ALESI: I vote yes.

5 CHAIR RHODES: Okay. Thank you.

6 Commissioner Edwards, how do you vote?

7 COMMISSIONER EDWARDS: I vote yes.

8 CHAIR RHODES: Thank you.

9 Commissioner Howard, how do you vote?

10 COMMISSIONER HOWARD: I will be voting  
11 yes as well.

12 CHAIR RHODES: Thank you very much.

13 The items are approved, and the recommendations are  
14 adopted. Secretary Phillips, is there anything  
15 further to come before us today?

16 SECRETARY PHILLIPS: This is Secretary  
17 Phillips. There's nothing further to come before the  
18 Commission. But I believe, Chair, that you have some  
19 comments.

20 CHAIR RHODES: You are absolutely  
21 right. Today is Elaine Agresta's last session with  
22 us. She's been with the Department for 28 years  
23 almost and with some other agencies as well, making  
24 for a total of 37 years. She really has been through  
25 the whole journey, starting as a support staff

1 8-13-2020 - Monthly Meeting

2 secretary one and has worked her way all the way up  
3 to a special assistant, assistant secretary.

4 And indispensable operator of the  
5 Commission's actual machinery, in terms of orders and  
6 filings and all that. She's a consummate  
7 professional, she is dedicated, she is caring, she is  
8 a supporting office manager. And she, and this is  
9 true, she loves to learn and to take on unique and  
10 new challenges.

11 She's highly organized. She cares  
12 passionately about the work of the agency and her  
13 coworkers as a coworker and in her position with the  
14 State and generally shares her knowledge. So this is  
15 one of those bittersweet moments that -- that come to  
16 us. We are going to be sad to see her go.

17 She is such a terrific person and she  
18 makes work pretty easy for us and better for the New  
19 Yorkers. She is such a terrific colleague, helps  
20 everyone around her, which is really everybody at  
21 D.P.S. do better, with advice, coaching, and above  
22 and beyond voluntary work, in just kind of a really  
23 constructive, helpful nature.

24 So that's the sad, the bitter part.  
25 The sweet part is that someone we really like is

1                   8-13-2020       -     Monthly Meeting  
2     going to be able to do something -- or settle  
3     something that she really wants. We wish her all the  
4     best in that I'm told and I'm pretty sure that other  
5     -- other sources as well. Her love is bird watching  
6     and swimming in he pool and spending time with family  
7     and friends and then from the rest of us like as  
8     well. So Elaine, thank you for everything you've  
9     done. Thank you for, you know, your -- your class  
10    act, we'll miss you and we're very glad you're --  
11    you're now making a decision that's going to be also  
12    really good for you.

13                   Thank you. I -- I will leave the  
14    floor, I guess, open to my colleague -- colleagues on  
15    the Commission, does anyone have any other thoughts  
16    to offer?

17                   COMMISSIONER BURMAN: This is  
18    Commissioner Burman. Thank you so much. Elaine,  
19    I've had the unique pleasure of watching you rise  
20    through the ranks, from when I was a staffer to now  
21    as the Commissioner. And your rise should have come  
22    as a surprise to no one. You have all the  
23    ingredients of a true leader, subject matter  
24    knowledge, and expertise coupled with passion,  
25    compassion, and tireless dedication to the task at

1 8-13-2020 - Monthly Meeting

2 hand.

3 Thank you so much for your kind and  
4 supportive leadership and really -- you're simply the  
5 best. I'm going to miss you personally, very dearly  
6 and I'll think of you often. I just feel so grateful  
7 to have worked with you. Such an amazing person, you  
8 have a deep place in my heart.

9 The Department won't be the same  
10 without you and I'm going to miss you so, I'm forever  
11 grateful to have been the small part of being here  
12 with you and seeing all the work that you and your  
13 staff do behind the scenes really, thank you.

14 CHAIR RHODES: Thank you very much.

15 COMMISSIONER EDWARDS: I just want to  
16 add -- I just want to add my congratulations and have  
17 a wonderful retirement and thank you very much for  
18 everything.

19 CHAIR RHODES: Terrific. Great. So  
20 we're ending on a high note and with that we are  
21 adjourned. Thank you very much for your  
22 participation in this venture today. Thanks.

23 (The meeting concluded.)

24

25

1 8-13-2020 - Monthly Meeting

2 STATE OF NEW YORK

3 I, TRACY WILLIAMS, do hereby certify that the foregoing  
4 was reported by me, in the cause, at the time and place,  
5 as stated in the caption hereto, at Page 1 hereof; that  
6 the foregoing typewritten transcription consisting of  
7 pages 1 through 78, is a true record of all proceedings  
8 had at the hearing.

9 IN WITNESS WHEREOF, I have hereunto  
10 subscribed my name, this the 17th day of August, 2020.

11

12

13 HANNAH ALLEN, Reporter

14

15

16

17

18

19

20

21

22

23

24

25

<b>A</b>	
<b>A.C</b> 40:9	<b>adjourned</b> 78:21
<b>a.m</b> 1:11	<b>administrative</b> 11:17
<b>ability</b> 41:19 46:24 66:11	<b>admitted</b> 9:21 12:13,14
<b>able</b> 36:11 69:18 77:2	<b>adopt</b> 13:16 21:2 47:14
<b>absolute</b> 73:8	<b>adopted</b> 21:16 49:14 75:14
<b>absolutely</b> 75:20	<b>adopting</b> 9:5 12:17 52:6 71:10 71:15,25
<b>accelerate</b> 6:17 29:24	<b>Advance</b> 35:10 37:12
<b>accelerated</b> 6:22 22:12 23:25 24:5 30:18 38:7	<b>advanced</b> 36:10 61:11
<b>acceptance</b> 14:23	<b>advice</b> 76:21
<b>accepting</b> 11:22	<b>affect</b> 60:17
<b>access</b> 29:17 69:9	<b>agencies</b> 67:14 75:23
<b>accommodate</b> 42:20	<b>agenda</b> 2:12,14 52:6 67:20,22 71:15 74:20,21
<b>accomplish</b> 34:5	<b>aggressive</b> 23:2
<b>account</b> 36:23	<b>ago</b> 8:15
<b>accountability</b> 4:21 7:10 19:3	<b>agree</b> 50:15
<b>accountable</b> 6:6,24 18:24	<b>agreed</b> 9:19 12:18,22 17:16
<b>achieve</b> 32:6 33:8 36:12 37:17 55:11	<b>agreement</b> 7:17 17:15 25:7
<b>achievement</b> 25:22 26:11 36:6	<b>agreements</b> 73:2,21
<b>achieving</b> 23:22 37:20 41:6 43:9	<b>Agresta's</b> 75:21
<b>acknowledging</b> 18:20 74:22	<b>ahead</b> 5:3,4,4,17 51:8,11 65:13
<b>acknowledgment</b> 14:22	<b>aid</b> 5:16
<b>acquire</b> 24:16	<b>al</b> 7:16 40:19
<b>act</b> 22:13,19 24:2,3,9,10,15,20 25:5,15,16 26:2,6 27:3,17,23 28:14 29:13,15,20 30:19 31:13 32:21 33:4,7,22 34:11 38:8 39:10 58:20 59:7 77:10	<b>Albany</b> 40:20
<b>action</b> 6:18,22 19:5 27:21 28:21 28:25 50:19 58:23 59:5 61:14 67:19 74:11	<b>Alesi</b> 1:18 17:12,13 21:7,8 61:6 61:7 72:6,7 75:3,4
<b>actions</b> 4:23 6:19 11:11 12:3,15 14:15 33:6 73:14	<b>aligned</b> 45:14
<b>activity</b> 63:13	<b>aligns</b> 49:24
<b>actual</b> 66:19 72:16 76:5	<b>alleged</b> 9:21 12:5,22
<b>add</b> 65:15 78:16,16	<b>ALLEN</b> 79:13
<b>addition</b> 13:6 43:4	<b>allocate</b> 37:5
<b>additional</b> 5:14 9:15 12:23 42:5 42:14,21 43:14	<b>allocation</b> 64:16
<b>Additionally</b> 12:21 26:4	<b>allow</b> 12:6 66:4
<b>address</b> 9:20 26:2 27:12,18 33:17 34:7 37:22 47:22 48:8 70:15	<b>allowing</b> 13:4 17:9
<b>addressed</b> 23:25 46:4 70:19	<b>altogether</b> 46:16
<b>addressing</b> 12:10 33:18	<b>amazing</b> 78:7
<b>adequacy</b> 46:21	<b>ambitious</b> 22:9
<b>adequate</b> 32:13	<b>amended</b> 24:20
	<b>amount</b> 12:19,23 13:21 18:4
	<b>analyses</b> 55:17
	<b>analysis</b> 32:5,10 35:8,15,23 36:9,14 38:2 55:4,14 56:10 65:6 70:7,9,10
	<b>ancillary</b> 42:15 43:5
	<b>and/or</b> 29:23
	<b>angle</b> 43:4
	<b>annual</b> 10:16
	<b>answer</b> 47:11 64:23
	<b>anticipate</b> 44:15

**apparent** 4:16  
**appear** 11:24  
**applaud** 61:18  
**applicable** 11:24  
**applied** 57:9  
**apply** 26:23 69:19  
**appreciate** 15:8 19:12 20:2,5  
 57:22 58:15  
**appreciated** 20:10,11  
**appreciating** 19:19  
**appropriate** 6:22 25:22 26:10  
 45:12 52:25 54:15,21 57:2  
 66:16 68:16 71:24  
**appropriately** 45:25 69:13  
**approval** 73:2  
**approved** 21:16 22:20 75:13  
**approving** 12:17  
**approximately** 10:4,5,11 40:14  
 40:21 42:8,13,21  
**April** 11:13 22:13 71:8  
**area** 70:9  
**areas** 5:13 29:19 46:3,20 54:14  
 70:8  
**arrangement** 2:18  
**arrangements** 3:7  
**Article** 24:20 37:7 39:11,15,22  
**articulated** 51:18  
**asked** 68:14  
**aspects** 10:22 50:23  
**assets** 38:17 41:21 42:24  
**assistant** 7:24 76:3,3  
**assisted** 68:16  
**associated** 67:14  
**attention** 7:15  
**Attorney** 22:3  
**August** 1:10 26:13 27:17 35:5  
 36:11 47:3,6 48:3 49:13 52:17  
 79:10  
**authority** 6:5 23:4 24:16 31:18  
 34:12 38:17 41:10 43:10 74:11  
 74:13,16  
**authorized** 27:21 47:21 48:19  
**available** 6:24 7:14 14:4 22:3  
 44:5  
**avoids** 17:16  
**awaiting** 71:17  
**aware** 55:15 74:8  
**awful** 67:12

---

**B**

---

**B** 1:16,20 40:11,19  
**back** 4:13 16:12,24 19:21,21  
 28:25 29:10 45:9 49:16 51:24  
 66:15 70:18  
**back-to-back** 9:22  
**backbone** 29:18  
**background** 22:12,15  
**based** 7:2 27:20 38:10 41:20  
 48:2,10 62:18  
**basically** 63:25  
**basis** 2:23 27:16 31:23 55:10  
**bear** 20:6  
**beefed-up** 8:11  
**beefing** 20:3  
**behalf** 19:15  
**belabor** 51:14 53:17  
**believe** 20:4 63:21 74:16 75:18  
**believes** 64:6  
**beneficiaries** 64:3  
**Beneficiary** 64:2  
**benefit** 9:20 13:2,22 14:25  
 17:18 22:13 24:2 30:19 38:2,8  
 66:13,13  
**benefits** 13:25 25:10 26:11  
 36:23 37:3 63:3 65:7,22,23  
 67:7  
**best** 18:24 29:14 32:11 44:2  
 77:4 78:5  
**better** 7:9 10:21 61:12 62:2  
 76:18,21  
**beyond** 76:22  
**biannual** 27:15 28:9  
**bidding** 30:10  
**big** 8:13  
**biggest** 64:4  
**bill** 32:24  
**bills** 67:10  
**bird** 77:5  
**bit** 26:24 50:5 52:19  
**bitter** 76:24  
**bittersweet** 76:15  
**blueprint** 23:21  
**Bob** 22:3 30:14 44:4,8 47:13  
 57:6 61:24 65:13  
**Bon** 7:21  
**Bonvin** 7:21  
**bottlenecks** 36:2 37:21  
**brief** 19:25 62:10 72:25  
**briefly** 39:16  
**bring** 5:13

**bringing** 19:21, 21  
**broad** 64:18  
**broadband** 3:24  
**broader** 74:7  
**brought** 5:18 71:19  
**budget** 22:14 58:21  
**build** 6:15 18:21  
**building** 24:17  
**built** 25:2 62:16  
**bulk** 25:21 26:3, 16, 19 27:2, 5  
 28:6 29:18 30:23 31:5, 19, 20  
 32:2, 4, 8 38:9, 9, 11, 16, 20, 21  
 39:2 53:24 54:3, 8 55:5 62:13  
 62:25 64:14, 23, 24 66:22  
**Burman** 1:17 15:5, 7 17:12 21:4, 5  
 44:21, 22, 23 47:12 48:22 51:9  
 51:12, 13 55:8, 18 57:21 59:2  
 59:10, 13 60:3, 8, 14 61:2 67:23  
 72:6, 12, 19 74:22, 24 77:17, 18  
**business** 18:23

---

**C**

---

**C.E.S** 50:17 53:19 71:7  
**C.L.C.P.A** 22:24 23:2, 21 24:4  
 25:23 26:11, 12, 20 27:10 28:13  
 31:13 32:20 33:8 36:23, 25  
 37:2, 20 41:6, 24 43:9 48:13  
 49:3, 24 50:24, 25 51:16 52:16  
 53:8, 8 71:18  
**C.P. --** 26:11  
**cable** 42:25 73:3, 6, 9, 9, 12, 15, 20  
 74:5  
**call** 2:5 6:14 20:24 30:25 74:19  
**called** 4:23 69:16  
**calling** 19:18  
**calls** 34:11  
**Canty** 7:22  
**capability** 40:13, 21 43:14  
**capital** 29:17 33:21 34:2, 13  
 36:3, 24  
**caption** 79:5  
**care** 15:18 68:11, 15, 24 69:15  
 70:25 72:16, 16  
**careful** 54:15, 21 56:16  
**carefully** 17:5 45:25 53:11, 18  
 56:8  
**cares** 76:11  
**caring** 76:7  
**case** 4:9 16:9, 22 21:18 34:19  
 46:21 58:23 60:13

**cases** 5:23 7:16 13:3 14:11  
 34:10 37:24 63:7, 7  
**category** 5:11 69:20  
**cause** 5:9 9:15 11:14 16:15 79:4  
**caused** 3:18  
**causes** 5:9  
**centers** 42:22 68:17  
**central** 40:13, 13  
**certain** 13:19 28:6 41:5, 16 46:3  
 46:3 47:25  
**certainly** 50:16 57:14 73:11, 15  
**certainty** 51:23 52:11 53:6  
 56:19  
**certify** 79:3  
**CES** 49:10, 13 51:16 52:7  
**cetera** 52:5 68:4 69:20  
**Chair** 1:16 2:3, 4, 11, 15 8:2, 10  
 14:6 17:11, 20, 23 18:3 19:17  
 20:23 21:6, 9, 12, 15 22:5 30:15  
 44:7 45:7 51:7, 11 61:5, 20  
 62:7 67:17 72:5, 9, 22 74:18  
 75:2, 5, 8, 12, 18, 20 78:14, 19  
**Chairman** 17:14 61:8 72:25  
**challenges** 54:17 76:10  
**challenging** 18:10, 11 67:15  
**change** 6:8  
**changed** 62:14  
**changes** 2:12, 14 16:17 23:23  
 52:5 54:8 74:13  
**changing** 18:16  
**charged** 63:19  
**Chief** 7:23 21:25  
**Christian** 7:21  
**city** 3:25 11:3 68:6, 14  
**civil** 11:15  
**class** 77:9  
**clean** 22:9 23:16 35:22  
**clean-energy** 36:7  
**clear** 8:16 49:18 51:15  
**clearer** 71:18  
**clearly** 51:18  
**climate** 6:8 20:13 31:12 37:17  
 49:8  
**close** 28:20  
**closely** 55:16  
**closest** 3:19  
**co-** 30:6  
**coaching** 76:21  
**coincidentally** 4:8  
**collaborative** 69:24 70:20, 21

<p><b>collaboratives</b> 69:5  <b>colleague</b> 76:19 77:14  <b>colleagues</b> 20:8 77:14  <b>combined</b> 9:19 11:7,19 12:18,23  13:10  <b>come</b> 15:13,24,25 16:3 20:13  51:24 65:25 66:18 69:14 70:12  70:14 75:15,17 76:15 77:21  <b>comes</b> 3:15 60:5 63:6  <b>coming</b> 8:23 25:13 44:15 46:13  46:14,14 49:15 52:15,17 58:2  <b>commence</b> 33:24 38:15  <b>commencement</b> 39:5  <b>comment</b> 20:2 25:11 28:20,21  38:19 50:11 58:17 60:6,16  67:21,24 72:25  <b>comments</b> 11:2 15:6,9 19:24  34:25 44:21 46:8 52:16 55:20  56:8 58:2 60:21 62:10 71:17  72:4,7 75:19  <b>commerce</b> 62:20  <b>commission</b> 1:3,7 2:4,6 8:5,22  9:4,14 10:17,17 11:13,15 12:3  12:7,13,16,18 13:16 15:13  23:3,18 24:24 25:6 26:4,17  27:8,19,21,25 28:5,18,21,23  29:21 30:4 31:2 33:5,16,24  34:7,15,19 37:10 38:6 41:15  43:11,19,20,21 44:16 47:14,21  47:24 48:6 49:6,7,8,16,19  50:10,18 51:24 57:9 59:6 64:5  67:20 73:16 74:11 75:18 77:15  <b>Commission's</b> 8:11 13:17 35:4  37:10 40:15,23 76:5  <b>Commissioner</b> 15:5,7 17:12,12,13  17:21,22 19:18,23,25 20:2,24  21:4,5,7,8,10,11,13,14 44:20  44:22,23 47:12 48:22 51:9,12  51:13 55:8,18 57:21 59:2,10  59:13 60:3,8,14 61:2,6,7,21  61:22 62:8,9 64:12,17 65:12  66:8 67:17,23 68:20 72:6,6,7  72:10,11,12,19,23,24 74:22,24  75:3,4,6,7,9,10 77:17,18,21  78:15  <b>commissioners</b> 1:15 2:9 8:3 22:6  30:15 45:8 67:21  <b>Commissions</b> 74:15  <b>commitment</b> 61:15  <b>commitments</b> 18:14</p>	<p><b>committed</b> 19:10,15  <b>communicate</b> 5:24  <b>communication</b> 4:15 18:14  <b>communications</b> 5:12  <b>communities</b> 5:2 14:16 25:7  <b>community</b> 9:12 22:13 24:2 25:6  30:18 31:12 38:8 74:9  <b>companies</b> 9:10,24 10:14 11:8,12  11:14,18,21,25 12:4,6,9,21,24  13:3,7,20,23 14:22,23  <b>companies'</b> 13:22  <b>company</b> 11:25  <b>company's</b> 10:8  <b>compare</b> 19:7  <b>comparing</b> 37:2  <b>compassion</b> 77:25  <b>competitive</b> 30:10 43:25 56:19  62:19,21  <b>complaint</b> 11:4  <b>complement</b> 2:8  <b>completely</b> 63:22  <b>completes</b> 30:11  <b>compliance</b> 9:3 10:16 14:12  <b>compliments</b> 49:22  <b>comply</b> 12:16  <b>components</b> 30:20  <b>comprehensive</b> 25:19 33:6 36:16  61:8  <b>comprised</b> 31:25  <b>Con</b> 4:9 9:9,19 10:4,10 11:9,20  12:13 43:15 67:25  <b>concerned</b> 71:14  <b>concerning</b> 2:19  <b>concerns</b> 52:24  <b>concluded</b> 78:23  <b>concludes</b> 14:3 44:2  <b>conclusions</b> 20:10  <b>concur</b> 66:9  <b>concurrently</b> 34:12  <b>conditions</b> 21:3  <b>conducted</b> 10:23 11:2 36:9  <b>conducting</b> 2:23  <b>confidence</b> 20:19  <b>confidential</b> 8:21  <b>confirm</b> 2:7  <b>conflicts</b> 56:17  <b>confused</b> 59:3,4  <b>confusion</b> 53:4  <b>congestion</b> 33:10  <b>congratulations</b> 78:16</p>
---	--

**Connecticut** 3:20  
**connection** 1:8 36:6  
**consent** 52:6 67:20,22 71:15  
 74:19,21  
**consider** 28:5 41:15  
**consideration** 13:5 14:5 23:18  
**considered** 72:16  
**consistent** 13:17 34:9  
**consistently** 53:19  
**consisting** 79:6  
**consists** 42:12,23  
**Consolidated** 9:7  
**constituents** 73:24  
**constraint** 65:17  
**constraints** 66:3,4 70:7  
**construction** 63:18  
**constructive** 76:23  
**consultation** 13:8 25:16  
**Consumer** 11:5  
**consumers** 32:15 66:20  
**consuming** 73:11  
**consummate** 76:6  
**contained** 41:9  
**contemplated** 63:10  
**context** 36:24 44:18 57:13  
**continue** 18:9,23 54:17 62:5  
**continued** 6:8 54:9,16,22  
**continues** 53:13  
**continuing** 18:6  
**continuous** 16:17  
**continuously** 16:19  
**contract** 6:25,25  
**contrast** 19:7  
**control** 7:7,8 54:13  
**coordinate** 5:24  
**coordinating** 6:4  
**coordination** 8:13  
**correct** 59:12 63:21,23,24 64:14  
 65:2,5  
**corrective** 4:23 11:11  
**cost** 18:22 32:14 37:5 38:2 52:4  
 64:19 65:3,16,18,20 66:13,19  
 69:10 71:22  
**cost-effective** 29:4 64:10 67:4  
 71:3  
**cost-recovery** 34:21  
**costs** 16:22 17:8 37:3 65:7,9  
 67:6  
**council** 49:8  
**counsel** 3:8 7:24 21:21 47:4

**county** 11:3  
**couple** 62:10 73:18  
**coupled** 77:24  
**course** 45:2  
**coverage** 32:6  
**COVID** 2:17 72:2  
**COVID-19** 46:21  
**coworker** 76:13  
**coworkers** 76:12  
**create** 24:25 25:6  
**created** 8:9 24:10 27:23  
**creates** 48:14  
**creation** 8:15  
**criteria** 26:19,23 28:4 34:20  
 36:22 41:10,14,19 55:11,13  
 57:9,13,15,19 64:6  
**critical** 14:15 15:18,18 45:19  
 55:7 68:10,15,24 69:15 70:25  
 72:16  
**critically** 45:16  
**cumulatively** 66:23  
**Cuomo** 4:16  
**current** 6:20 9:17 11:25 15:10  
 18:2  
**currently** 8:20 15:22 18:5 39:19  
 39:22 40:8 43:19 56:5  
**customer** 3:22 10:4,6,10,11  
 13:13,13,15  
**customers** 4:3,25 5:7 7:5 10:25  
 15:2 17:8 68:11,25 69:7,9,15  
 69:15,18 70:25  
**cycle** 27:18,22 46:25 47:15,16  
 47:17,21,22

---

**D**


---

**D.P.S** 23:14 25:3,16,25 26:9,21  
 28:3,19 29:23 41:9,15 71:8  
 76:21  
**damage** 3:18  
**data** 11:4 73:6,12  
**data-driven** 24:5  
**date** 33:3 37:19 62:14  
**daunting** 67:14  
**Dave** 44:5  
**David** 22:2  
**day** 79:10  
**days** 3:16 10:7 28:16 32:24  
 33:22 38:13 46:12 70:7,8  
**deal** 56:23 66:24 70:23  
**dealing** 18:2 52:6 69:25

<p> <b>dearly</b> 78:5  <b>decades</b> 6:11  <b>decarbonized</b> 66:15  <b>December</b> 15:23 41:2  <b>decide</b> 16:10  <b>decided</b> 59:19 68:21  <b>decides</b> 48:6  <b>decision</b> 67:19 77:11  <b>decision-making</b> 44:16 65:8  <b>decisional</b> 26:19 34:20  <b>decisions</b> 44:15  <b>dedicated</b> 57:8 76:7  <b>dedication</b> 77:25  <b>deems</b> 29:4  <b>deep</b> 78:8  <b>deeper</b> 51:25  <b>deferral</b> 16:21  <b>deferred</b> 13:2  <b>defers</b> 16:7  <b>deficiencies</b> 33:17  <b>definition</b> 68:10,10,16,22,24  69:12  <b>degrees</b> 36:10  <b>delay</b> 13:25  <b>deliver</b> 17:15  <b>deliverability</b> 40:17 42:8 66:5  <b>delivered</b> 23:6  <b>delivering</b> 18:15  <b>delivery</b> 35:19  <b>demand</b> 23:8 70:6  <b>demonstrate</b> 61:14  <b>Department</b> 6:3 7:24 9:6 10:13  10:19,23 11:7 12:6,9 13:9  14:4 17:15 32:21,25 75:22  78:9  <b>Department's</b> 3:4 8:16 11:5  <b>depend</b> 19:2  <b>depending</b> 39:13  <b>deployed</b> 37:16  <b>Deputy</b> 7:21 21:24  <b>des</b> 60:20  <b>describe</b> 63:18  <b>designation</b> 41:17  <b>desire</b> 60:21 69:9  <b>detail</b> 31:8 35:11 41:13 42:5  54:6  <b>determination</b> 43:12  <b>determine</b> 4:21,23 10:14  <b>determines</b> 27:25 43:20  <b>determining</b> 28:5 57:10 </p>	<p> <b>devastating</b> 4:5  <b>develop</b> 6:18 27:24 29:14  <b>developed</b> 31:16 33:11 37:21  39:8 41:18  <b>developer</b> 40:4,24  <b>developers</b> 40:18  <b>developing</b> 37:24 38:2,3  <b>development</b> 32:12 33:20 34:16  37:15 41:20  <b>Diane</b> 1:17 51:10  <b>different</b> 17:6 46:13 48:15 52:2  54:25 56:13 58:3 60:11 62:24  63:14 70:4,19,22  <b>directed</b> 4:16 26:8 34:19 70:12  <b>directing</b> 11:14  <b>directly</b> 16:24 60:17  <b>Director</b> 7:18,19,21 8:5 21:22  21:24  <b>directs</b> 35:5  <b>discovered</b> 5:5  <b>discretion</b> 47:14  <b>discuss</b> 25:24 26:24,25 30:3  41:3,13 43:6  <b>discussed</b> 21:4 28:9,14 38:12  44:20  <b>discussing</b> 30:16  <b>discussion</b> 7:16 21:18 22:23  71:25  <b>discussions</b> 12:7 17:25 69:24  <b>disputing</b> 12:22  <b>disruption</b> 3:23 6:23 7:4  <b>disruptions</b> 3:25  <b>distancing</b> 2:19  <b>distribution</b> 23:24 25:20 26:3  30:23 31:4,16 32:3,19 33:20  33:25 34:5,8,14,17,21,24  35:15  <b>dive</b> 51:25  <b>doc</b> 60:12,21  <b>docket</b> 45:10 58:6,19 59:4,7,9  59:11,17,18 60:7,10,11,11,12  <b>document</b> 9:13 11:4  <b>doing</b> 8:7 15:17 18:22 19:15  46:25 55:13 71:15  <b>draft</b> 9:18 13:19 23:18  <b>dramatic</b> 74:13  <b>dramatically</b> 62:23  <b>Drexler</b> 22:2 44:5  <b>driven</b> 27:9,14 28:11,22  <b>drives</b> 28:15 </p>
--	--

**driving** 43:13  
**duly-enacted** 28:12  
**duration** 6:2  
**duty** 3:12  
**dynamic** 20:12

---

**E**

---

**E-0197** 58:25  
**ERP** 11:8 12:10  
**ERPs** 10:17 11:25 12:16,17 **E.R.P**  
 17:7  
**E.R.P.s** 15:24,25  
**earlier** 6:6 8:10 28:9,14 38:12  
 48:21  
**early** 4:14 6:18,18 41:21  
**eastern** 40:14  
**easy** 76:18  
**economic** 64:2,3 65:23  
**Ed** 4:9 68:2  
**Edison** 9:7,9,19 10:5,10 11:9,20  
 12:13 43:15  
**Edwards** 1:19 17:21,22 19:18  
 21:10,11 61:21,22 68:20 72:10  
 72:11 75:6,7 78:15  
**effectively** 5:23  
**efficiency** 37:17  
**efficient** 64:10  
**effort** 17:14 35:6 66:19  
**efforts** 8:11,25 15:12 17:24  
 20:3,5,20 44:4 61:18 71:18  
**eight** 39:4  
**either** 29:22 47:4,15  
**Elaine** 75:21 77:8,18  
**electric** 3:22 4:18 7:23 13:3,23  
 21:22,25 22:2 23:22 25:9  
 32:14  
**electrical** 23:8  
**electricity** 23:6 32:7  
**electrification** 35:21  
**elements** 24:3,9,10  
**eliminating** 37:21  
**Eliz** 21:24 44:4  
**embrace** 61:19  
**emergency** 2:23 7:20,22 9:21  
 11:12  
**emerging** 36:4 37:14  
**emission** 23:22 63:3,6  
**emissions** 6:15 23:9  
**empathy** 19:4  
**employees** 18:17

**empowering** 74:15  
**enable** 40:16  
**enacted** 15:15 22:13 48:14 58:20  
**enactment** 32:24  
**encourage** 73:22  
**endorse** 15:3,4  
**energy** 21:20 22:9,12 23:5,7,12  
 23:16 24:2,6,11,12,17 25:8  
 30:18 35:22 38:8 42:9 48:10  
 53:15 61:9,17 63:6 64:4 65:20  
 66:5,7,12 69:9 71:4  
**enforcement** 7:19 8:6,9,19 20:3  
**engage** 8:18 12:7  
**engaged** 10:20 60:24  
**engagement** 37:6  
**engaging** 56:15  
**enhance** 37:16 63:2  
**enhanced** 20:22  
**enormously** 20:16 67:4,15  
**ensure** 6:23 9:3 15:17 53:13  
 57:17 69:12  
**ensures** 13:24  
**ensuring** 57:2 69:23  
**entire** 29:5 35:20 70:9  
**entities** 59:17  
**entity** 29:14 57:11 65:18  
**environment** 62:19 67:7  
**environmental** 36:13 63:3  
**equation** 26:8  
**Era** 40:5  
**ERPs** 9:22 10:16  
**especially** 15:9 45:19 49:11  
 51:22 52:4 54:20 72:2  
**essential** 74:16  
**Essentially** 54:5  
**establish** 26:18 33:25 34:12,20  
 38:15  
**established** 31:2 38:7  
**establishing** 36:25 37:25  
**estimate** 64:19 65:3,9  
**et** 7:16 52:5 68:3 69:20  
**evaluate** 30:22  
**evaluated** 11:4  
**evaluating** 17:5 37:6 41:16  
**event** 6:2,9 7:6  
**events** 4:5 6:10 9:25 20:13  
**ever-** 18:15  
**everybody** 76:20  
**evidence** 14:14  
**evident** 66:10 67:8

**evolve** 18:24  
**exactly** 52:9 61:16  
**examination** 14:14  
**example** 27:9  
**exceptions** 21:3 74:22  
**executive** 2:21 3:9  
**exercises** 70:4  
**existence** 48:11  
**existing** 23:16 25:2 30:8 35:24  
 36:3 37:14 41:21 43:16 48:10  
**exists** 62:14  
**expand** 42:7  
**expanding** 68:10 69:11  
**expansion** 35:16 42:10 68:13  
**expect** 8:22 44:14  
**expectation** 23:17  
**expectations** 3:10 4:7  
**expected** 34:24 35:25 36:16 40:6  
 40:25 67:6  
**expects** 25:13  
**expedite** 41:20 62:20  
**expedited** 31:23 41:25  
**expeditiously** 28:2  
**expenditures** 36:24  
**expense** 12:20,24 13:8,8  
**experienced** 4:4 9:25 10:21  
 20:15 63:15  
**expertise** 29:16 55:6,6 77:24  
**experts** 8:14,18 45:18  
**explaining** 47:25  
**export** 43:14  
**exports** 39:25  
**extensions** 12:5,8 24:23  
**extensive** 3:18 61:8  
**extent** 3:11 15:25 49:10 51:18  
 52:7  
**external** 49:7 56:15  
**extreme** 6:9  
**extremely** 18:11

---

**F**


---

**face** 54:7  
**facilitate** 25:22 36:5  
**facilities** 24:7,23 25:8 68:16  
 68:17 72:15,17  
**facility** 39:24  
**fact** 16:15 29:17 54:20 60:15  
 63:18  
**factors** 41:16,24  
**facts** 7:2

**failed** 18:13,18  
**failure** 14:11 18:24  
**failures** 4:22 5:12 14:12,18,22  
**fair** 17:15  
**fall** 5:10 50:19,20  
**familiar** 5:11  
**family** 77:6  
**far** 23:14 35:13 50:24 63:8  
**fashion** 24:14  
**fast** 29:24 41:5  
**fast-track** 22:21  
**faster** 44:9 61:13  
**favor** 19:11,16 20:25 74:20  
**Favreau** 7:23  
**federal** 62:17 74:14  
**feedback** 62:4  
**feel** 56:9 78:6  
**FERC** 54:24,24 63:23 64:15  
**field** 19:20  
**file** 34:20 36:17 52:16 70:14  
**filed** 10:17 11:4,21 12:2 23:15  
 26:22 27:19 28:3 29:22,22,25  
 41:3,9 42:2 47:20 51:21 59:8  
 59:8 71:8  
**filing** 37:10 53:20  
**filings** 15:24 46:13 52:23 76:6  
**final** 2:12,14 20:9 34:22  
**finally** 30:4 41:3  
**financial** 13:5 14:24 29:17  
**finding** 43:14  
**findings** 7:2 14:13 32:22 33:2  
 44:13  
**finer** 18:22  
**finish** 29:12  
**firm** 69:6,19  
**first** 5:25 7:15 8:4,24 10:2  
 18:20 23:5 24:10 27:6 40:6  
 57:8 65:25 66:9 67:24 68:21  
**fiscal** 17:5  
**fit** 72:2 74:5  
**fits** 70:22  
**five** 42:13 73:5  
**fix** 18:21  
**flag** 48:23 56:7  
**flagging** 47:9  
**floor** 77:14  
**flow** 14:25  
**focus** 16:4 62:25  
**focused** 8:25 15:16,17 66:3 68:8  
 68:9

**focuses** 27:4  
**folks** 46:2 68:23  
**followed** 27:10  
**following** 29:22  
**food** 13:13,14  
**for-information-only** 44:24 45:2  
**force** 6:7  
**forefront** 61:10  
**foregoing** 79:3,6  
**forever** 78:10  
**form** 32:10  
**formal** 6:21  
**forth** 11:23  
**forward** 20:21,22 37:9 44:19  
 45:11 52:12 60:5,18 62:5  
 73:13  
**forwards** 28:17  
**fossil** 35:20,20  
**found** 3:8 5:7  
**four** 10:7 24:8 33:14 39:4,9  
 71:7  
**fourth** 25:5  
**frame** 24:22  
**frames** 36:25  
**framework** 37:2  
**franchise** 73:2,21  
**free** 66:18  
**friends** 77:7  
**front** 26:21 67:13  
**fruit** 20:6  
**fulfill** 51:21  
**fulfillment** 24:4  
**full** 2:8 39:24  
**fully** 61:18  
**fund's** 13:4  
**fundamentally** 55:10  
**funded** 24:19  
**funding** 25:7 49:11 51:17  
**funds** 12:25 13:7,21  
**further** 13:5 14:2 61:3 71:25  
 75:15,17  
**future** 8:13 17:19 26:18 53:15  
 66:17,17

---

**G**


---

**gap** 64:18  
**gas** 6:15 21:22,25 68:2,3,11  
 69:6,6,16 70:7,13  
**gatherings** 2:20  
**General** 3:7 21:21

**generally** 29:8 76:14  
**generation** 23:11 35:20,20 42:22  
 54:8,12 63:4,6  
**generators** 62:21  
**getting** 55:2 58:6 62:4 66:3  
 71:2,9  
**gigawatts** 23:11,12,13  
**give** 31:8 68:14,19  
**given** 44:11,12,14  
**gives** 49:21 52:11 56:18  
**giving** 45:7 56:20 69:8  
**Gjonaj** 21:25 44:5  
**glad** 55:19 68:21 77:10  
**glide** 53:13  
**go** 17:7 25:14 27:3 29:10,11  
 39:15 51:7,11 58:7 60:6 64:15  
 65:13 70:18 74:2 76:16  
**goal** 9:2 31:9 35:14  
**goals** 21:20 22:9 28:3 31:12  
 32:7,20 35:22 36:7,21 37:18  
 37:20 41:7 43:9 55:12 61:17  
 64:21  
**goes** 23:14 29:2 50:24 66:23  
**going** 15:8 20:22 30:16 44:11  
 45:21 46:20 47:18 50:16 51:2  
 51:14 52:10,13 53:16 58:23  
 59:7,19 60:7,12,18 65:23 66:2  
 66:2 71:10 73:12 74:8 76:16  
 77:2,11 78:5,10  
**good** 2:3 8:2 14:8,9,17,21 20:18  
 22:6 30:14 61:25 67:16 77:12  
**government** 5:24  
**governments** 73:19  
**Governor** 4:16  
**governor's** 6:14  
**granted** 12:8  
**grapple** 52:4  
**grappling** 56:23  
**grateful** 78:6,11  
**great** 33:10 55:18 62:6 78:19  
**greatly** 20:10  
**greenhouse** 6:15  
**grid** 6:16 22:17 30:17,19,21  
 31:9,10,14,24 32:23 33:7,12  
 34:23 35:2,16,18 37:16 38:11  
 38:14 42:24 67:25  
**Grisaru** 21:24 44:4  
**ground** 6:16  
**grounded** 14:13  
**group** 35:9,9,10,15 36:18,21

37:8, 13, 14, 19, 23	<b>Hopefully</b> 61:12
<b>group's</b> 35:6	<b>host</b> 25:6
<b>groups</b> 35:8 49:9	<b>Howard</b> 1:20 19:23, 25 20:24
<b>growth</b> 22:12 24:2 30:18 38:8	21:13, 14 62:8, 9 64:12, 17
61:9	65:12 66:8 67:18 72:23, 24
<b>guardrails</b> 56:11 57:2, 14	75:9, 10
<b>guess</b> 51:13 77:14	<b>Hudson</b> 3:24 40:20
<b>guidance</b> 49:21	<b>hurricane</b> 16:5
<b>guidelines</b> 2:19 13:18	<b>hydro</b> 39:24
<b>H</b>	<b>I</b>
<b>half</b> 40:7	<b>I.S.O</b> 31:22 38:22 39:20 43:23
<b>hand</b> 53:7 78:2	43:24 45:19 55:6, 17
<b>handle</b> 18:9 56:24	<b>I.S.O.'s</b> 38:23 39:3, 9
<b>HANNAH</b> 79:13	<b>I'll</b> 35:11 43:6
<b>happen</b> 60:7 69:25	<b>I'm</b> 77:4, 4
<b>happened</b> 16:11	<b>iden</b> 27:12
<b>happy</b> 57:23	<b>identified</b> 27:12 33:17 34:3, 5
<b>hard</b> 58:9 61:15	34:13 39:14 43:8 44:2 48:2
<b>hardship</b> 7:5	58:24 59:16 60:13
<b>hats</b> 56:13	<b>identifies</b> 14:11 27:8 29:13
<b>head</b> 58:8	30:5
<b>headroom</b> 35:24	<b>identify</b> 29:21 31:10, 20 32:18
<b>health</b> 3:12 74:4	35:15, 23 36:3 38:24 39:6 41:6
<b>hear</b> 55:19	47:15 74:4, 12
<b>heard</b> 52:22	<b>identifying</b> 11:7 25:19 26:9, 22
<b>hearing</b> 79:8	28:24 36:12, 22 67:25
<b>hearings</b> 10:24	<b>imagined</b> 62:24
<b>heart</b> 78:8	<b>imbalances</b> 70:15
<b>held</b> 6:23 14:16	<b>immediate</b> 30:22 33:18 67:10
<b>help</b> 31:11 40:16 53:5 61:17	<b>impact</b> 6:8 67:10
<b>helpful</b> 50:7 53:15 54:19 76:23	<b>impacting</b> 6:10
<b>helping</b> 5:22 17:3	<b>impacts</b> 16:24 33:9
<b>helps</b> 76:19	<b>impending</b> 12:2
<b>hereof</b> 79:5	<b>implement</b> 11:18 27:5
<b>hereto</b> 79:5	<b>implementation</b> 11:23 23:3, 14
<b>hereunto</b> 79:9	38:4 52:7 53:12 71:7
<b>hiccups</b> 56:16	<b>implementations</b> 11:24
<b>high</b> 50:9 54:5, 9 65:9, 20 78:20	<b>implemented</b> 11:11
<b>highlight</b> 24:8	<b>implementing</b> 6:13 33:11 50:23
<b>highly</b> 76:11	<b>Implicit</b> 24:3
<b>history</b> 62:13	<b>importance</b> 45:16 50:2 53:19
<b>hit</b> 5:14	54:20 58:10 71:22
<b>hold</b> 6:5 18:24 71:6	<b>important</b> 14:15, 23, 24 15:2 16:4
<b>holistically</b> 69:22	16:10 17:9 45:6, 11 46:17
<b>homeless</b> 68:18	47:10 48:23, 24 52:20 54:23, 25
<b>honestly</b> 63:7 66:10	55:21 56:3, 4, 10, 11 60:19
<b>honoring</b> 3:10	62:11 70:16, 24 72:14
<b>hood</b> 50:5 52:18 56:5	<b>importantly</b> 45:18
<b>hope</b> 17:17 20:5 62:2 73:25	<b>imports</b> 39:25

<p> <b>improve</b> 17:3  <b>improvement</b> 16:17 54:14  <b>improvements</b> 37:7 42:15 43:5  64:20  <b>improving</b> 16:19 17:3  <b>in-service</b> 41:21  <b>inability</b> 56:20  <b>inaccurate</b> 18:15  <b>incidents</b> 20:9  <b>include</b> 4:24 13:13 32:4 33:15  34:4 36:21 37:23 41:19 68:15  <b>included</b> 23:2 57:15 58:18 64:9  <b>including</b> 3:19 6:25 14:14 29:16  32:7 34:9 42:25 49:8 68:22  70:4  <b>inclusion</b> 39:2 68:24  <b>incorporate</b> 53:12  <b>incorporated</b> 9:7 16:2  <b>increase</b> 35:21 40:12,21 41:23  <b>Independent</b> 25:17  <b>indicate</b> 6:6  <b>indicated</b> 7:12  <b>indirectly</b> 60:17  <b>indispensable</b> 76:4  <b>individual</b> 4:2 31:25 66:25  <b>individually</b> 9:9  <b>industry</b> 73:10  <b>information</b> 7:13 26:14 45:8  50:6 57:23  <b>informational</b> 21:18 67:18  <b>infrastructure</b> 69:23  <b>ingredients</b> 77:23  <b>initial</b> 5:6 29:6  <b>initiate</b> 26:17  <b>initiated</b> 10:13 25:25 26:5  34:15  <b>initiating</b> 26:5 34:18 58:19  <b>inner</b> 36:5  <b>input</b> 13:4 14:15 31:15  <b>insight</b> 54:21  <b>insights</b> 54:15  <b>institute</b> 33:16  <b>intelligent</b> 61:10  <b>intended</b> 39:23 41:5  <b>intense</b> 9:16  <b>intent</b> 3:10  <b>intentionally</b> 58:18  <b>inter</b> 73:19  <b>inter-connect</b> 35:24  <b>interacts</b> 51:5 </p>	<p> <b>interconnect</b> 45:24  <b>interest</b> 13:18  <b>interested</b> 45:9 58:12  <b>interface</b> 43:15  <b>interim</b> 32:7  <b>internal</b> 8:18  <b>interruptible</b> 68:3,11 69:6,14  69:17,20  <b>intersect</b> 54:24  <b>interviews</b> 11:2  <b>invested</b> 37:16  <b>investigate</b> 37:14  <b>investigation</b> 4:17,21,24 5:4,8  6:21 7:3 8:17,21 10:14,20,23  11:6 14:8,10 15:4,10 20:4  <b>investigations</b> 4:9 6:17 7:18  8:6,9,12,18 19:7  <b>investment</b> 22:18 30:17,19,25  31:3 33:11 34:17 36:19 38:6,9  38:10,16,20,22 39:2,7 41:17  41:22  <b>investments</b> 25:21 26:20 31:4,6  31:11 32:18 34:22 63:9 67:2  67:11  <b>investor-owned</b> 31:17 32:17  35:17  <b>involved</b> 62:12  <b>Isaias</b> 3:15,16 4:13  <b>Island</b> 3:25 6:2,4,6 31:18 34:12  43:10,16  <b>isolation</b> 70:18  <b>issue</b> 17:10 23:25 25:13 33:2,5  43:22 48:25 57:3,4 69:17  70:20,25 73:23  <b>issued</b> 11:3,7,13 24:19 25:12  26:5 27:16 47:3  <b>issues</b> 4:3,15 10:21 13:20 16:7  16:20,25,25 18:2,9 28:23  37:20,23 45:17 55:7 56:4  69:13,22 70:23,24 73:14 74:4  <b>issuing</b> 25:3 27:11 28:10 56:14  59:20  <b>It's</b> 8:6  <b>item</b> 7:15 8:24 21:15,17,18  44:25 45:3 47:10 48:24 51:17  52:5 53:23 57:23 67:18,24  68:5,21 71:5,5 72:25  <b>items</b> 7:16 45:3,14 46:3 52:17  56:8 67:22,24 74:12 75:13 </p>
---	--

<b>J</b>	
<b>JAMES</b> 1:18	<b>law</b> 2:22 3:11 11:16 22:25 24:21 34:9 38:6
<b>January</b> 33:13	<b>Laws</b> 28:12
<b>Jersey</b> 3:19	<b>lays</b> 8:16
<b>job</b> 53:7 68:23	<b>leader</b> 77:23
<b>Joe</b> 7:24 14:7 17:23	<b>leadership</b> 18:18 19:13 31:12 78:4
<b>Joe's</b> 20:5	<b>leaning</b> 55:5
<b>John</b> 1:16,20 2:4 7:23 14:7 20:25 74:20	<b>learn</b> 76:9
<b>joint</b> 7:16 9:5,11 12:10,12 13:16,23 15:21 17:2 21:3	<b>learned</b> 16:3,16
<b>Joseph</b> 7:17	<b>lease</b> 24:16
<b>journey</b> 75:25	<b>least-cost</b> 36:4
<b>July</b> 12:9 22:25 28:3 41:8 42:2 43:9 57:7 59:15,15	<b>leave</b> 77:13
<b>June</b> 23:15 24:19 49:17 53:21	<b>led</b> 9:16 14:10 17:2
<b>jurisdiction</b> 63:22	<b>left</b> 23:23 47:14
<b>justice</b> 49:9	<b>leg</b> 56:20
<b>K</b>	
<b>keep</b> 15:8 61:9	<b>legal</b> 22:14
<b>keeping</b> 74:8	<b>legislation</b> 15:15 74:15
<b>Kevin</b> 7:19	<b>Legislative</b> 28:12
<b>key</b> 29:15 37:19 54:20	<b>Leka</b> 21:25 44:4
<b>kicking</b> 66:10	<b>lessons</b> 16:2,16 17:19
<b>kind</b> 56:4 61:16 76:22 78:3	<b>level</b> 50:9 54:6,10 62:18 65:9 74:14
<b>know</b> 5:6,11,13,21 8:8 14:9 18:3 18:5,8,16,19 19:4,6,9,9,11,14 19:14 20:17 29:6 46:20 47:16 47:19,23 48:5,11,14,17,17 50:18,18,19,21,25 52:13,14 53:14,16 55:9,12 56:9,16,22 57:3,7,13,14,16 58:14,20 59:21,22 60:5,10 62:3 63:5,25 64:3,9,16,23 65:3,9,17,21,24 65:24 66:2,5 70:3 77:9	<b>Leverage</b> 8:17
<b>knowledge</b> 76:14 77:24	<b>leverages</b> 29:15
<b>known</b> 5:10	<b>liabilities</b> 13:2
<b>L</b>	
<b>landfall</b> 3:17	<b>liability</b> 13:15 15:18
<b>language</b> 18:13	<b>light</b> 2:21 72:2
<b>large</b> 2:20 5:25 51:17 63:9 66:22	<b>limited</b> 13:13 70:5,24
<b>largely</b> 48:16	<b>line</b> 2:18,25 6:9 19:19
<b>lasted</b> 4:2	<b>lines</b> 42:14 43:2,3
<b>latest</b> 6:14	<b>LIPA</b> 25:17 27:19 35:17 36:10,15 43:10,15 47:19 48:7,18
<b>launch</b> 4:17	<b>list</b> 36:16 37:21
<b>launched</b> 4:20	<b>listen</b> 3:4 52:21
	<b>listening</b> 58:12
	<b>litigation</b> 14:2 17:16
	<b>little</b> 31:8 33:19 35:11 50:5 52:19
	<b>living</b> 68:17
	<b>load</b> 42:22 62:16,23 63:8
	<b>local</b> 5:24 25:20 26:2,7 28:13 30:23 31:4,16 32:3,19 33:20 33:25 34:6,8,14,16,21,24 35:16 42:13 43:16 73:18,20
	<b>located</b> 29:18 41:12
	<b>long</b> 3:25 5:25 6:2,4,5,9 20:4 31:18 34:11 43:10,16
	<b>long-term</b> 32:10
	<b>look</b> 20:21 33:9 36:2 44:19

45:13 46:17,24 50:3 52:3,8 53:10 59:4 70:17 <b>looked</b> 55:3 69:5 <b>looking</b> 7:8 15:16,23 45:17 46:6 50:11 53:2,3 55:11 56:8 65:7 69:22 71:16,22 <b>looks</b> 54:2 <b>lot</b> 15:14 19:14 44:11 46:18,18 47:14 50:8,16,22 52:15 57:24 58:23 59:19 60:16,16 63:12 65:22,23 67:12 68:8 69:2 <b>love</b> 77:5 <b>loves</b> 76:9 <b>low</b> 65:18 <b>lower</b> 6:14 <b>lowest</b> 32:14 <b>LS</b> 40:18 <b>luxury</b> 55:2	<b>meet</b> 3:10 4:7 22:9 23:17,24 26:20 31:11 32:20 41:23 64:20 <b>meeting</b> 1:1,6 2:1 3:1 4:1 5:1 6:1 7:1 8:1 9:1 10:1 11:1 12:1 13:1 14:1 15:1,19 16:1 17:1 18:1 19:1 20:1 21:1 22:1 23:1 24:1 25:1 26:1 27:1,9 28:1 29:1 30:1 31:1 32:1 33:1 34:1 35:1 36:1 37:1 38:1 39:1 40:1 41:1 42:1 43:1 44:1 45:1 46:1 47:1 48:1 49:1 50:1 51:1 52:1 53:1 54:1 55:1 56:1 57:1 58:1 59:1 60:1 61:1 62:1 63:1 64:1 65:1 66:1 67:1 68:1 69:1 70:1 71:1 72:1 73:1 74:1 75:1 76:1 77:1 78:1,23 79:1 <b>Meetings</b> 2:22 3:11 <b>meets</b> 3:8 <b>megawatts</b> 40:15,16,22,23 42:8 42:21 43:18 <b>mentioned</b> 6:3 18:3 30:16 47:2 49:2 60:13 <b>merely</b> 63:10 <b>meta</b> 35:20 <b>methods</b> 34:21 <b>metric</b> 54:14 <b>miles</b> 42:13,25 66:24 <b>million</b> 3:22 9:20 12:19,24,25 13:7,10 <b>mindful</b> 45:22,25 46:17 50:4 52:9 56:25 60:15,19 69:11 <b>minimize</b> 66:19 <b>minimizing</b> 2:20 <b>minimum</b> 40:15,23 <b>missed</b> 18:14 <b>mistaken</b> 64:25 <b>Mitchell</b> 21:22 22:16 25:24 26:25 30:14 55:8,9 65:5,6 <b>mitigation</b> 13:10,12 <b>mix</b> 54:8 <b>modernize</b> 70:13 <b>modifying</b> 68:2 <b>molasses</b> 58:14 <b>momentarily</b> 25:25 <b>moments</b> 76:15 <b>monetary</b> 16:7,8 <b>monopoly</b> 62:16 <b>Monthly</b> 1:1,6 2:1 3:1 4:1 5:1 6:1 7:1 8:1 9:1 10:1 11:1 12:1 13:1 14:1 15:1 16:1 17:1
<b>M</b>	
<b>machinery</b> 76:5 <b>main</b> 30:20 <b>maintain</b> 54:22 <b>maintains</b> 54:18 <b>major</b> 3:17 7:4,5,6 24:22 <b>making</b> 16:17 19:19 46:5 47:9 58:10 62:4 71:3 75:23 77:11 <b>management</b> 71:23 <b>manager</b> 76:8 <b>managing</b> 22:3 58:11 <b>mandates</b> 26:21 27:10 28:14 48:15 <b>maneuver</b> 56:18 <b>manner</b> 32:13 <b>March</b> 9:23 10:3,7 70:5 <b>Marcy</b> 40:12 <b>market</b> 56:19 <b>massive</b> 66:5 <b>matter</b> 4:8 8:14 45:2 54:17 77:23 <b>matters</b> 8:20,20 22:8 49:6,23 52:2,14 <b>maximize</b> 39:25,25 <b>maximum</b> 3:11 <b>mean</b> 16:14 47:8 50:10,15 <b>means</b> 13:12 18:23 49:18 51:19 53:11 54:23 65:17 69:8 <b>measure</b> 67:4 <b>measures</b> 13:11,12 54:13 70:14 <b>medicine</b> 13:14	

18:1 19:1 20:1 21:1 22:1 23:1	38:25 41:6 43:23 47:15 48:2	
24:1 25:1 26:1 27:1 28:1 29:1	<b>negotiations</b> 9:16	
30:1 31:1 32:1 33:1 34:1 35:1	<b>neighbors</b> 3:19	
36:1 37:1 38:1 39:1 40:1 41:1	<b>NERC</b> 53:25 54:5 55:4,5	
42:1 43:1 44:1 45:1 46:1 47:1	<b>new</b> 1:2 3:13,17,19,21,24 4:5	
48:1 49:1 50:1 51:1 52:1 53:1	5:17,22 6:10,12 7:24 8:8,19	
54:1 55:1 56:1 57:1 58:1 59:1	9:7 18:8 19:15,21 23:6 25:17	
60:1 61:1 62:1 63:1 64:1 65:1	30:2,2 31:21 32:14 33:16 36:4	
66:1 67:1 68:1 69:1 70:1 71:1	37:15,25 38:22,23 39:2,9,18	
72:1 73:1 74:1 75:1 76:1 77:1	39:20,23 40:2,4,12,14,14	
78:1 79:1	41:10,12 42:4,7,14,18 43:23	
<b>months</b> 8:15,23 9:12,15 29:9	43:24 50:22 55:16 58:6 61:9	
39:5 46:12 73:5	62:23 63:14 68:6 76:10,18	
<b>more-efficient</b> 29:4	79:2	
<b>morning</b> 2:3 8:2 22:6 30:15	<b>nexuses</b> 73:18	
<b>move</b> 20:17 21:17 38:5 45:11	<b>Niagara</b> 39:24	
61:25 62:2,5 66:12 67:20	<b>nice</b> 72:23	
69:16 73:12	<b>nine</b> 3:16 23:13	
<b>moved</b> 62:18 73:7	<b>nod</b> 68:19	
<b>movement</b> 58:13 66:15	<b>normally</b> 44:25 45:2	
<b>moving</b> 7:12 37:8 47:10 53:14	<b>northeast</b> 3:18	
<b>multiple</b> 5:12 12:4	<b>northern</b> 30:2 41:12 42:7,14	
<b>municipalities</b> 73:3,22	<b>note</b> 2:17 15:23 27:19 39:10	
<b>mute</b> 2:25 14:20,20	45:6 48:9 78:20	
<b>mutual</b> 5:16	<b>noted</b> 26:17	
<hr/> <b>N</b> <hr/>		
<b>name</b> 63:13 79:10	<b>notice</b> 12:2 13:6 25:4,11	
<b>National</b> 42:24 67:25	<b>noticed</b> 59:23	
<b>native</b> 62:16,22	<b>notices</b> 28:19	
<b>natural</b> 7:6	<b>noting</b> 8:3	
<b>nature</b> 44:13 76:23	<b>November</b> 34:25 36:17	
<b>navigate</b> 54:17	<b>nuanced</b> 56:4	
<b>near</b> 26:18	<b>number</b> 20:7 45:23 46:12 56:3	
<b>necessarily</b> 44:10 51:21 60:24	57:25 69:4 70:4,18,22	
<b>necessary</b> 15:19 16:20 24:23	<b>numerous</b> 4:15 8:19 10:25 54:14	
25:21 26:10,20 31:10 49:22,25	<b>NYISO</b> 27:6,10,15 28:8,10,16,25	
66:16	47:13,24 48:19 64:8	
<b>necessity</b> 73:8	<b>NYISO's</b> 27:20 29:5	
<b>need</b> 5:13 7:10 16:18,20 19:3,4	<b>NYPA</b> 25:17 26:22,23 27:24 28:4	
20:16 27:13,25 28:22,24 39:15	28:6 29:12,14,21,22,25 30:5,5	
41:25 43:13,14,21 44:8,9,9	30:9 39:8 40:19 41:11,18,20	
45:22 50:4,5 51:25 52:3,9	42:3,6,24 46:14 56:2,5,13,21	
53:12,17 56:15,25 66:19 67:19	57:10 58:18 59:8,14,24 60:2	
68:22 69:11,12,21,25 71:2,23	<b>NYPA's</b> 29:15 30:8 42:10,17	
74:13	56:12	
<b>needed</b> 23:23 31:11 32:18 67:2	<b>NYSEG</b> 42:24	
<b>needing</b> 16:6	<b>NYSERDA</b> 23:15 24:15 25:17 46:14	
<b>needs</b> 15:18,19 16:15 27:8,14,18	49:17 52:6 56:14 71:9	
28:11,15 29:7 31:21 32:6	<hr/> <b>O</b> <hr/>	
	<b>O&amp;R</b> 9:9,19 10:6,11 11:9,20	

12:14  
**O.I.E** 8:9,15  
**O.I.E.'s** 8:13  
**objectives** 26:12 36:13  
**obligation** 51:22 53:10  
**observation** 2:16  
**observations** 5:6  
**obtain** 39:24  
**obvious** 20:12  
**obviously** 7:4 48:13 50:16,21  
 69:3  
**occurred** 10:3  
**ocean** 32:12  
**October** 23:19 34:22 37:11  
**offer** 52:21 77:16  
**offered** 48:9  
**office** 7:18,20,21 8:5,8 11:5  
 20:3 21:22,24 24:11 76:8  
**Offices** 7:19  
**officials** 10:25 11:3  
**offshore** 23:13 32:9,12 43:12,17  
**oh** 26:12  
**okay** 29:10 48:22 50:9 51:11  
 57:21 60:8,14 61:2 64:12  
 72:20 75:5  
**old** 56:9  
**older** 66:12  
**once** 61:13 63:17  
**ones** 48:9 58:5  
**ongoing** 15:12,12 22:17 31:24  
 36:14 39:17 42:11 46:22 49:6  
 49:9,23 52:23 58:5 71:16 72:3  
**Ontario** 39:25  
**onward** 69:4  
**open** 2:22 3:11 23:23 57:18  
 77:14  
**opened** 45:10 59:11  
**opening** 3:14  
**operate** 46:6  
**operational** 72:15  
**operator** 25:18 76:4  
**opportunities** 4:24 53:5  
**opportunity** 3:3 38:18 49:20  
**opposed** 71:12  
**options** 37:6  
**oral** 11:2  
**Orange** 4:10 9:7  
**order** 2:6,21 9:5,15 11:13 16:15  
 23:18 26:5,8,17 28:23,24  
 31:22 34:18 35:4 37:10 39:4,9

43:22 48:6,7 49:13,14,25  
 51:14,23 58:19 59:21,23 60:10  
 63:25 64:5 68:8 70:5 71:11  
**orders** 3:9 10:18 12:16 51:15  
 76:5  
**ORES** 24:11  
**organized** 76:11  
**originally** 62:15  
**outages** 3:22 10:4,6,10,11 18:7  
 74:2  
**output** 39:24  
**outreach** 9:12 10:20  
**outside** 73:15  
**overall** 35:14  
**overarching** 31:9  
**overdue** 20:4  
**overload** 46:19  
**overseeing** 8:12  
**oversight** 20:18  
**overview** 44:11,12,14  
**owned** 42:24  
**owners** 32:18

---

**P**


---

**p.m** 1:11  
**P.S.C** 27:17 38:14,21,24 39:6  
 46:24 70:5  
**P.S.L** 11:16,17  
**page** 3:5 46:23 79:5  
**pages** 9:13 79:7  
**paid** 13:21  
**pan** 66:15  
**paper** 23:15,19 24:18 25:13  
 50:17  
**papers** 46:15 57:25  
**paradigm** 62:23 63:14  
**part** 8:11,13,24 10:19 12:17  
 19:5 22:14 26:2 30:3,11 41:20  
 47:23 48:5 50:10 55:4 57:6,8  
 58:20 64:4,6,9 65:6 76:24,25  
 78:11  
**participants** 30:7,10  
**participating** 2:25  
**participation** 78:22  
**particular** 46:11 66:24  
**particularly** 20:7 63:9 65:7,24  
 73:5,6 74:2,14  
**parties** 9:16 17:17,18 46:7 51:2  
 59:16  
**partners** 56:15,24

**parts** 66:6  
**party** 58:12  
**passion** 77:24  
**passionately** 76:12  
**path** 42:11 52:12 53:13  
**pathways** 37:4  
**pay** 12:23 67:9  
**paying** 20:20 67:5  
**Pays** 64:2  
**peak** 5:20 65:20 66:7  
**peaking** 70:11  
**penalties** 11:15,17 14:25 16:8,8  
 18:21  
**penalty** 4:9 12:3,19  
**pending** 15:10 52:24 56:6 58:2  
 60:16  
**people** 18:4 49:12 56:19 57:20  
 58:22 60:20 67:9  
**perform** 54:9  
**performance** 14:12 16:19 17:3  
 54:11  
**performed** 4:6 54:3  
**period** 20:9 28:21 65:20  
**periods** 66:7  
**permanent** 18:19  
**permits** 24:12  
**permitted** 3:12 63:17  
**permitting** 24:6,22 39:15  
**person** 76:17 78:7  
**personally** 78:5  
**perspective** 17:6 45:15 57:16  
**petition** 26:22 28:4 29:22 41:8  
 41:9 42:2,19 57:7,8 68:6,8  
**petitions** 29:25 41:3 46:13 56:6  
 58:7,18 59:8,14,24 60:2  
**phase** 43:4 52:7 71:7  
**Phillips** 2:7,10,13 75:14,16,17  
**phone** 2:25  
**photovoltaic** 23:11  
**place** 6:20 24:21 56:11 57:2  
 65:18,19 69:24 78:8 79:4  
**plan** 30:17,20 31:3,5 34:2,4,17  
 38:6,9,10,20,22 39:2,7 52:7  
 61:14,19 70:12 71:7  
**Planets** 66:17  
**planning** 21:19 22:15,18 24:5  
 26:20 27:2,4 38:23 39:3,21  
 44:4 54:16,21 70:2,4,13  
**plans** 9:22 11:12,23 30:25 31:15  
 33:11,21 34:8 36:3 38:4 60:5  
**please** 2:25 7:25 14:19 22:4,10  
 22:22 23:20 25:14 27:3,3 28:7  
 29:9 30:20 31:6 33:19 35:3  
 36:17 37:11 38:4 39:16 41:2,7  
 42:6,16 43:6  
**pleasure** 77:19  
**point** 19:19 48:21 51:14 55:22  
 64:18 65:15 74:10  
**pointed** 18:12 20:8  
**pointing** 72:12  
**poles** 43:3  
**policies** 28:11,12  
**policy** 7:23 27:6,9,15 28:2,8,14  
 28:22 31:21 35:9 36:20 37:17  
 38:25 39:3,21,23 40:5,7 43:13  
 43:20,22 48:2 55:12 63:13  
 64:20  
**pool** 77:6  
**portion** 44:3  
**position** 50:18 72:14,19 76:13  
**positive** 54:10,13  
**possible** 24:4 73:19  
**postdating** 51:16  
**potential** 11:8 12:3 37:2,22,24  
 38:3,25 43:8 56:16,17 65:10  
**power** 5:22 6:4 22:17 30:17,19  
 30:21 31:9,10,14,18,24 32:23  
 33:7,12 34:12,23 38:11,14  
 40:19 41:10 43:10 53:24 54:3  
 54:9 55:5  
**PowerPoint** 46:23  
**practical** 8:25  
**practice** 3:6  
**pre-dating** 49:2  
**prejudge** 56:6  
**prejudging** 48:16  
**prejudice** 15:11  
**preliminary** 8:21 26:13  
**preparations** 45:5  
**prepare** 23:18  
**prepared** 10:15  
**preparedness** 4:17 7:20,22  
**preparing** 69:13  
**presentation** 14:3 17:24 22:7  
 30:3,12 44:3,18 55:23 58:24  
 61:24  
**presented** 9:14 12:12 21:21  
 44:25 57:23  
**presenting** 8:4  
**presents** 14:17,21

**pretty** 63:8 66:5 76:18 77:4  
**previous** 19:8  
**previously** 8:10 22:20  
**pricing** 73:15  
**primary** 62:25  
**primer** 22:7  
**Principle** 64:2  
**prior** 27:20  
**prioritization** 65:8  
**prioritize** 62:3  
**prioritized** 34:4 37:19  
**prioritizing** 36:22  
**priority** 26:23 29:14,21 39:6  
 41:4,11,11,18 42:3,18 56:2  
**private** 30:9  
**privilege** 8:7  
**pro** 26:12 27:7  
**proactively** 35:18  
**probably** 7:11  
**problems** 4:15 5:10 10:21 18:20  
**procedures** 8:17 18:18  
**proceed** 7:15 20:24 27:25 74:19  
**proceeding** 26:18 33:24 34:16,18  
 38:15 46:8,9  
**proceedings** 33:16 45:13,23 46:3  
 46:22 51:5 52:15,23 58:3  
 60:17 69:5 70:19 79:7  
**process** 6:13 8:17 20:17 22:18  
 24:12,25 25:5 27:7,7,23 28:8  
 28:9 29:2,5,12,23 30:10 31:22  
 33:15 37:7,25 38:23 39:4,4,5  
 39:10,14,16,21,22 40:8 41:25  
 43:25 50:24 57:19 60:6,7  
 62:12 64:5,15  
**processes** 24:6 27:4  
**procurement** 23:10 43:18  
**produce** 23:9 70:6  
**production** 23:22  
**professional** 76:7  
**professionalism** 61:16  
**program** 8:14 24:18 25:12 33:8  
 34:13 38:16 68:3  
**programs** 50:22  
**progress** 6:14 22:20 26:9,15  
 35:12  
**progressed** 73:10  
**project** 29:21 30:5,6 39:23 40:5  
 40:6,18,24 41:12,18 42:4,7,10  
 42:11,12,18,19,23 43:7,8 44:2  
 56:2 57:11 63:17 65:10,16

**project's** 37:3  
**projects** 22:21,22 24:25 26:24  
 27:5,12,24 28:6 29:15,24,25  
 30:7 31:20,22 35:16 36:4,12  
 36:16,23 37:5 38:25 39:7,14  
 39:17,19 40:8,9,10,25 41:4,5  
 41:11 64:14 65:4,8,25 66:9  
**promising** 18:14  
**promote** 28:2  
**properly** 10:15 58:11,11  
**proposal** 9:5,11,18 12:10,12  
 13:16,19,23 15:21 17:2 21:3  
 48:17 71:8,12  
**proposals** 34:20 35:2  
**propose** 9:4  
**proposed** 22:21 25:4 28:4,22  
 41:10,11,14,15 42:3,6,12,17  
 57:8  
**protect** 3:12  
**protection** 31:13 54:13  
**provide** 17:18 18:19,25 22:7,17  
 26:12,14 31:15 35:11 36:16  
 42:5 61:12 63:2,10  
**provided** 10:25 13:14 25:9 61:14  
**provider** 6:5 73:3  
**providers** 3:24 4:19 5:23 73:20  
**provides** 13:19,20 23:21 24:15  
 28:16 32:13  
**providing** 18:15 22:11 73:23  
**provisions** 2:22  
**proximity** 41:21  
**prudence** 17:5  
**PSEG** 6:5  
**public** 1:3,7 2:4,5 3:3,12 9:6  
 10:13,24,25 11:16 13:18 14:15  
 20:11,19,20 24:21 25:11 27:6  
 27:9,14 28:2,8,11,12,14,19,20  
 28:22 31:2,20 32:22 33:4,15  
 33:23 34:7,9,15,25 38:6,19,25  
 39:3,20,23 40:5,7 43:11,13,20  
 43:22 48:2 55:12 60:6,6 63:13  
 64:20 67:5 74:7  
**public-comment** 33:15  
**public's** 73:11  
**pull** 71:6  
**purpose** 22:6 25:19 37:13  
**pursuant** 11:15,17 25:7 32:21  
 33:22 37:9 38:7  
**pursue** 11:15  
**pursued** 31:17,21

**put** 8:10 44:10 46:8 58:5  
**putting** 45:7

---

**Q**

---

**qualifies** 41:17  
**quality** 73:9,24  
**question** 47:4,12 53:22 62:11  
 63:16 64:18  
**questions** 14:4 15:6 19:23 22:3  
 44:6,21 52:24 61:23  
**quick** 20:19 62:11  
**quickly** 4:16 7:13,13 20:17 24:8  
**Quinn** 4:11 9:23 10:9  
**quite** 63:7 66:10

---

**R**

---

**R.F.P.s** 56:14  
**raise** 68:20  
**raised** 8:22  
**ranks** 77:20  
**rapid** 54:7  
**rate** 13:3 16:8,22,23 20:20  
 34:10 64:4,7,16 67:5  
**rate-paying** 20:11  
**ratemaking** 62:17  
**ratepayer** 9:20 13:2,4  
**ratepayers** 9:4 13:23,24 66:13  
**rates** 18:22 25:9  
**re-building** 42:12  
**re-hearing** 68:6,9  
**reach** 61:17  
**react** 7:7  
**read** 29:20  
**ready** 24:17,18 35:18  
**reaffirming** 72:14,19  
**real** 16:12  
**real-time** 62:4  
**really** 16:4,10 19:3 20:11 45:19  
 45:19 46:16 47:4,13 50:13  
 51:3 52:21 54:22,25 55:19  
 56:3,10,16 57:18,22 58:13  
 61:25 68:9 69:16,21 70:16  
 71:14 75:24 76:20,22,25 77:3  
 77:12 78:4,13  
**realm** 73:16  
**reason** 57:18  
**reasonable** 17:16 18:25  
**rebuild** 42:25  
**receipt** 33:23 38:13  
**receive** 13:24 31:23

**recognize** 58:8 60:15  
**recognizes** 50:2  
**recognizing** 44:10  
**recommend** 64:6  
**recommendation** 13:9 14:24 21:2  
 21:16 74:21  
**recommendations** 11:11,19,22  
 14:10 16:2 17:7 32:23 33:2  
 75:13  
**recommending** 37:4,7  
**recommends** 13:16  
**record** 2:2 3:5 14:7 53:3 79:7  
**recover** 15:20 37:5  
**recovery** 4:14  
**recuse** 67:21  
**reduced** 25:9  
**refer** 9:8 53:7  
**reference** 46:24 47:2,7 49:15  
**referral** 27:19 43:11,18,22  
 47:19,20 48:7,20  
**referred** 40:10 53:18  
**refers** 51:16  
**refined** 64:19  
**regarding** 7:17 22:17,23 24:18  
 25:4 26:6 35:12 57:19 68:2  
 73:2,9,14,20 74:3,4,5  
**region** 40:20,20 42:4,22  
**regulations** 10:17 12:18 24:24  
 28:13 39:12  
**regulator** 43:4 51:22 53:2  
**regulatory** 13:2 20:18 37:4 53:6  
**rehabilitation** 68:17  
**related** 6:7 15:15 22:15 23:5  
 31:3,5 32:2,3 33:17 34:16,23  
 38:11,20 41:4,5,25 45:4,14,23  
 47:5 53:23 55:25 69:6  
**relates** 3:14 45:20 46:9 55:21  
 71:16,17  
**relating** 73:6  
**relative** 65:3  
**relatively** 15:9 65:18  
**release** 13:15  
**relevant** 48:24,25 49:19 52:22  
 56:14  
**reliability** 15:19 22:2 45:5,17  
 45:20 54:2,4,10,18,22 55:11  
 55:13 63:11 69:10,13  
**reliable** 9:3 32:13 71:3  
**reliance** 70:11 73:12  
**remaining** 12:22

<b>remark</b> 3:14	<b>restore</b> 5:22
<b>remedies</b> 6:24	<b>result</b> 9:11 10:12 17:17 18:2 33:10 38:10
<b>remember</b> 62:12	<b>resulted</b> 10:9
<b>remind</b> 2:24 49:12 63:14,16 66:14 68:23	<b>resulting</b> 10:3
<b>remotely</b> 2:24	<b>results</b> 5:5 9:2,14 26:13 30:24 31:14 32:9 33:23 34:23 35:2 38:14,19 44:13,19
<b>removed</b> 63:8	<b>retirement</b> 35:19 78:17
<b>removing</b> 62:3	<b>review</b> 16:10 33:6,9,13 49:15,16 50:3,11 51:4,19 53:20 71:20 71:21
<b>renewable</b> 21:20 22:12 23:7 24:2 24:6,11,12,17 25:8 30:18 35:19,24 36:6 38:7 40:2,17 42:9,21 48:10 61:9	<b>reviewed</b> 3:7 55:16
<b>renewables</b> 6:15	<b>reviewing</b> 29:3
<b>repaired</b> 4:3	<b>reviews</b> 9:13
<b>report</b> 9:14 11:7,10,20 14:8 32:22 49:16,21 51:20 53:21 54:2,5,7,19 55:4,15 70:10,14	<b>revocation</b> 6:25
<b>reported</b> 79:4	<b>Rhodes</b> 1:16 2:3,4,11,15 8:3,10 14:6,7 17:11,20,23 18:4 19:17 20:23,25 21:6,9,12,15 22:6 30:15 44:7 51:7,11 61:5,20 62:7 67:17 72:5,9,22 74:18,20 75:2,5,8,12,20 78:14,19
<b>Reporter</b> 79:13	<b>rid</b> 66:3
<b>reports</b> 6:6 57:25	<b>right</b> 20:13 50:16 57:21 59:10 59:16,25 69:23,24 71:2 75:21
<b>requested</b> 12:4,8	<b>rights</b> 25:2 30:8
<b>requesting</b> 68:7	<b>rigor</b> 15:4
<b>requests</b> 11:4	<b>rigorous</b> 14:14
<b>require</b> 63:8	<b>rigorously</b> 7:8
<b>required</b> 22:19 30:9 38:15 70:6 70:10	<b>Riley</b> 4:10 9:23 10:3
<b>requirement</b> 40:16,23	<b>rise</b> 77:19,21
<b>requirements</b> 3:9 39:11	<b>risk</b> 13:25
<b>requires</b> 24:24 25:6 33:4	<b>roadblocks</b> 62:3
<b>research</b> 37:15 46:21	<b>roadmap</b> 61:9
<b>Resilience</b> 7:20,22	<b>Robert</b> 21:21
<b>resiliency</b> 45:20	<b>Rockland</b> 4:10 9:8
<b>resilient</b> 18:9	<b>role</b> 8:5 56:12 73:23 74:6
<b>resolution</b> 9:2,17 14:17,21	<b>root</b> 5:9,9
<b>resolve</b> 4:8	<b>Rosenthal</b> 21:21 22:5 44:4 47:11 47:13 50:13 57:5,6 58:16 59:5 59:12,25 60:4,9,25 63:24 64:13,22 65:11,14
<b>resolving</b> 16:13	<b>routinely</b> 45:3 58:6
<b>resource</b> 54:8	<b>rulemaking</b> 25:4
<b>resources</b> 5:14 23:7,12 24:13,17 35:25 36:6 40:2,17	<b>run</b> 18:22 40:11,19
<b>respect</b> 12:15 13:3 26:7,16 31:19 36:8 41:14 42:17 51:4	
<b>respects</b> 67:11	
<b>respond</b> 12:5 29:6,7 46:19	
<b>responded</b> 5:18 10:15	
<b>responding</b> 51:2	
<b>response</b> 9:22 11:12,22	
<b>responses</b> 28:17,18,19 48:3	
<b>responsible</b> 45:12 47:24 61:10	
<b>rest</b> 6:20 40:3 77:7	
<b>restoration</b> 4:14,18	
	<b>S</b>
	<b>S</b> 1:18
	<b>sad</b> 76:16,24
	<b>safe</b> 9:3

<p> <b>Safety</b> 22:2  <b>sanctions</b> 4:22  <b>Sandy</b> 6:2 15:16  <b>SAPA</b> 28:20  <b>SAPA' d</b> 59:22 60:2  <b>satisfy</b> 35:21  <b>saying</b> 12:14 59:3  <b>scale</b> 5:25,25  <b>scenes</b> 78:13  <b>schedule</b> 34:5  <b>schedules</b> 68:2  <b>Scotland</b> 40:12  <b>season</b> 6:20 16:5 45:5  <b>second</b> 3:14 10:8 21:17 23:9  24:15 26:18 27:23 32:8 36:18  38:5 42:3  <b>Secondly</b> 18:21  <b>secretary</b> 2:7,10,13 12:8 75:14  75:16,16 76:2,3  <b>Section</b> 11:16,17 25:15 33:7  59:6  <b>sector</b> 30:9 54:16  <b>see</b> 47:18 48:24 53:3 56:9 58:13  58:23 59:7 60:12 63:12 68:21  76:16  <b>seeing</b> 48:20 78:12  <b>seeking</b> 25:11 43:11  <b>seen</b> 20:15 47:19 73:4  <b>segment</b> 40:11,11,19  <b>segments</b> 40:11  <b>select</b> 27:24 30:9 43:25  <b>selected</b> 39:8,20  <b>selecting</b> 27:11 29:3  <b>selection</b> 29:8 57:19 64:10  <b>self-</b> 66:9 67:7  <b>sent</b> 5:17  <b>separate</b> 30:25 42:2 43:3  <b>separation</b> 43:2  <b>series</b> 4:4 9:25  <b>serve</b> 62:16  <b>service</b> 1:3,7 2:4,5 6:5 7:17  9:3,6 10:2,5,6,13 11:16 18:25  24:21 31:2 32:14,22 33:5,16  33:24 34:7,9,15 35:17 38:6  40:6 41:2 43:11 66:25 68:11  69:14,17,19,20 70:9 73:6,7,9  73:12,12,15,24 74:5,17  <b>services</b> 11:5 70:11  <b>serving</b> 62:22  <b>session</b> 2:5,18,23 3:4,15 4:12 </p>	<p> 23:19 45:10 49:13 50:8 55:20  75:21  <b>sessions</b> 3:6 45:4  <b>set</b> 6:18 11:22 48:15 57:19  65:25  <b>settle</b> 77:2  <b>settlement</b> 7:17 8:21 9:19 12:2  12:7,23,25,25 13:6,7,9,17,25  14:4,9,17,21 15:3,21 16:7  17:2,25  <b>settlements</b> 16:3  <b>severe</b> 9:25 10:9  <b>share</b> 5:5 7:13  <b>shared</b> 55:24  <b>shareholder</b> 12:19,24  <b>shareholders</b> 13:8,22 14:25  <b>shares</b> 76:14  <b>shelters</b> 68:18  <b>short</b> 15:9  <b>shortly</b> 15:14  <b>shovel</b> 24:17,18  <b>show</b> 9:15 11:14 16:15 60:20  <b>showed</b> 54:14  <b>shows</b> 6:12  <b>shrink</b> 20:8  <b>side</b> 6:23 26:7 64:24,25  <b>signed</b> 12:10 22:24  <b>significant</b> 13:21 17:14 51:17  54:7 57:25  <b>significantly</b> 40:22  <b>similar</b> 50:7 56:22 57:16  <b>simply</b> 44:10 78:4  <b>sited</b> 25:8  <b>sites</b> 24:16  <b>siting</b> 24:11,12 38:17 39:12,22  40:8  <b>six</b> 23:10 46:23  <b>size</b> 39:13  <b>slide</b> 22:10,22 23:19 25:14,14  27:2,3 28:7,7 29:9,9,10 30:13  30:20 31:6,7 33:18 35:3,13  36:17 37:11 38:4 39:16,18  41:2,7,13 42:6,16 43:6 55:23  <b>slides</b> 55:25  <b>small</b> 78:11  <b>smart</b> 42:11  <b>smarter</b> 44:9  <b>social</b> 2:19  <b>solar</b> 23:11  <b>solicitation</b> 27:11,16,20 28:10 </p>
--	--

28:17,18 29:6 39:9 43:25 47:3 47:5 48:4	65:19 66:6 73:14,18 74:15 76:13 79:2
<b>solicited</b> 27:15	<b>State's</b> 21:20 22:9 28:2 31:17
<b>solicits</b> 28:25	35:21 36:13 37:17 38:17 66:17
<b>solution</b> 29:4,8 64:11	<b>stated</b> 45:4,11 54:7 79:5
<b>solutions</b> 18:19 29:2 37:22,25 38:3	<b>statements</b> 4:25
<b>sorry</b> 26:12 59:2 65:13 71:6	<b>statewide</b> 23:8 32:6
<b>sort</b> 16:22 47:8,9	<b>status</b> 35:6 36:8
<b>sought</b> 34:25	<b>statutes</b> 73:9
<b>sources</b> 49:10 77:5	<b>stay</b> 20:16
<b>speak</b> 4:11 17:9 18:7 57:4,5	<b>step</b> 43:21 59:21 61:17
<b>speaking</b> 3:2	<b>steps</b> 27:2 37:23
<b>speaks</b> 18:17,18,18	<b>storage</b> 23:12 32:11
<b>special</b> 76:3	<b>storm</b> 3:15,16,17 4:13,14 5:7,14 5:17,18,19 6:7,12,20 9:13 10:2,9,9 15:10 16:11,12,15,25 17:25 18:2 74:3
<b>specific</b> 27:12 32:9 36:12	<b>storms</b> 4:10 9:23,24 10:12,16,22 15:20 16:3 19:8
<b>specifically</b> 28:9 38:24 42:11 68:7	<b>strategy</b> 6:14 32:11
<b>specifies</b> 25:16	<b>streamlined</b> 24:13
<b>specify</b> 29:20	<b>strength</b> 6:7
<b>speed</b> 19:6	<b>strengths</b> 29:16
<b>spending</b> 77:6	<b>strong</b> 8:25 14:9,17,21
<b>spinning</b> 58:8	<b>struck</b> 10:8
<b>spoilage</b> 13:14	<b>structure</b> 8:16
<b>stability</b> 29:17	<b>struggles</b> 72:3
<b>stable</b> 52:13	<b>stuck</b> 58:13
<b>staff</b> 6:16 11:19 13:15 22:8 23:15 25:3,12,16,25 26:9,21 28:3,19 29:23 35:5 41:15 46:15 48:18 55:3,15,23 58:9 60:4 61:13 70:12 72:13,18 74:2 75:25 78:13	<b>studied</b> 29:25
<b>staffer</b> 77:20	<b>studies</b> 25:25 30:25 31:25 32:2 32:4 45:14 55:10 57:25
<b>staffs'</b> 20:21 41:9	<b>study</b> 22:18 25:19 26:3,4 30:17 30:19,21,24 31:9,10,15,19,24 32:3,5,8,16,16,23 33:7,12,23 34:2,23 35:2 38:11,14,19 53:24 55:5 74:3
<b>stage</b> 7:12 8:22	<b>sub-</b> 35:7
<b>stages</b> 4:14	<b>subject</b> 8:14 77:23
<b>stakeholder</b> 9:12 37:6	<b>submit</b> 38:21 60:21
<b>stakeholders</b> 45:9 46:19 49:20 52:21 56:9 58:12	<b>submitted</b> 43:10
<b>standard</b> 23:16 43:12 48:11 55:13	<b>subscribed</b> 79:10
<b>standpoint</b> 69:10	<b>subsequent</b> 41:13
<b>start</b> 22:11,24 29:24 30:16	<b>subsequently</b> 33:5
<b>started</b> 2:16	<b>substance</b> 71:11
<b>starting</b> 69:3,4 75:25	<b>substantial</b> 3:23 5:16 10:20
<b>starts</b> 28:10 70:23	<b>substantially</b> 30:8
<b>state</b> 1:2 7:24 10:24 11:3 28:13 29:19 30:21 31:9,11,14 32:17 40:3 41:22,23 42:4 43:9 53:25 55:20 61:15 62:17 63:4 65:19	<b>substantive</b> 46:3 60:21
	<b>substation</b> 42:15
	<b>success</b> 5:15
	<b>suggest</b> 16:14 74:10

**suggesting** 60:2  
**Suich** 7:18 8:2  
**suited** 29:14  
**summary** 22:25 54:6  
**supersedes** 39:11  
**Superstorm** 6:2 15:15  
**supply** 35:19 70:6,7,15  
**support** 15:22 21:20 32:11 43:17  
 54:16,22 72:15 75:25  
**supporting** 17:19 20:21 76:8  
**supportive** 68:13 78:4  
**supposed** 71:21  
**sure** 7:9 18:5 46:5 47:9 57:5  
 58:11,16 62:4 69:21 71:2,3  
 77:4  
**surprise** 77:22  
**suspended** 2:22  
**sway** 73:19  
**sweet** 76:25  
**swimming** 77:6  
**synergies** 36:2  
**system** 23:8,23,24 25:17 26:16  
 29:18 31:6,11,19 32:2,4,4,7,8  
 32:14 33:18 34:14 38:9,10,12  
 38:16,21 39:2 42:15 43:4,5,16  
 45:4 53:24 54:3,9 62:13,15,19  
 63:2,10,20 64:20 66:12,23  
**systems** 5:12 30:24 32:20 67:2

---

**T**


---

**take** 6:22 27:21 28:21 29:8  
 30:12 47:25 48:6 50:19 59:6  
 60:22 64:8 67:19 74:11 76:9  
**taken** 33:6  
**talk** 33:19 39:16  
**talked** 53:23 54:11  
**talking** 57:15  
**Tammy** 21:22 22:16 25:24 26:14  
 26:25 27:18 29:13 30:3,12  
 44:8 47:5 50:14 51:8 55:9  
 61:24 64:23 65:2,6  
**target** 23:25 43:18  
**targets** 23:2,5,10,17 24:4 25:23  
 33:8,10 41:24  
**tariff** 47:22,24 48:19 67:25  
 68:2,12  
**tariffs** 47:13 63:19  
**task** 67:13 77:25  
**team** 8:14 14:4 17:24 61:24  
**technical** 29:16 35:8,14

**technologies** 35:10 36:5 37:13  
 37:15 38:2 61:11  
**technology** 37:22,24 38:3  
**technology-related** 23:10  
**telecommunications** 3:23  
**telecoms** 4:19 5:22  
**tell** 66:14  
**tens** 5:6  
**termination** 7:2  
**terms** 9:5,18 21:2 49:19 53:11  
 57:17 66:11 74:7 76:5  
**terrific** 2:15 76:17,19 78:19  
**territories** 10:2,8 35:18 66:25  
**territory** 10:5,6  
**thank** 2:11,15 7:14 14:5,6,20  
 15:5,7 17:9,11,13,20,22,23  
 18:6 19:13,16,17,18 20:22,23  
 21:6,9,12,15 22:5 30:13,14  
 31:7 44:7,8,20,22 45:7 47:12  
 48:22 55:19 57:22 58:15 61:2  
 61:4,5,7,20,23 62:6,7 67:11  
 67:15,17 71:4 72:3,5,8,9,12  
 72:13,18,20,21,24 74:17,18,25  
 75:2,5,8,12 77:8,9,13,18 78:3  
 78:13,14,17,21  
**thankful** 44:24  
**thanking** 72:20  
**Thanks** 78:22  
**thing** 18:11 73:4  
**things** 16:18 17:6 33:9 46:25  
 49:9,25 50:4,7 52:8,11,14  
 54:25 55:21,22 56:4 70:17  
 71:13,19 72:2 73:20 74:5  
**think** 16:4 17:14 19:10 20:11  
 44:17 45:6 48:15,23 49:3,14  
 50:3 51:2,25 52:9,17,20,25  
 53:17,17,20 54:19 55:21 56:2  
 56:25 57:12,13,17 58:8 59:3  
 60:19 61:25 62:11 63:12 64:22  
 71:24 73:4 78:6  
**third** 24:20 32:16 37:12  
**thorough** 14:8  
**thoughts** 52:22 77:15  
**thousands** 5:7,17 9:12 66:24  
**three** 23:9,12 30:20 31:25 35:7  
 39:19  
**thrilled** 9:4  
**Thursday** 1:10  
**tie** 52:10  
**tied** 16:24

**Tim** 7:22  
**time** 8:4 12:5 16:12 20:6 24:21  
 33:2 36:25 52:18 66:11 69:18  
 70:13 71:24 77:6 79:4  
**timelines** 18:16  
**timely** 13:24 25:22 26:11 44:17  
**times** 2:17 9:2 18:10 49:15  
**timing** 44:13  
**tireless** 77:25  
**TME** 36:19  
**today** 2:18 4:7 20:16 52:22  
 75:15,21 78:22  
**today's** 2:23  
**Today's** 3:15  
**told** 77:4  
**tolerate** 18:12  
**top** 58:4 65:16  
**total** 11:19 12:25 13:10 64:19  
 75:24  
**town** 11:3  
**TRACEY** 1:19  
**track** 41:5  
**TRACY** 79:3  
**traditionally** 2:17  
**Transco** 40:25  
**transcribe** 3:5  
**transcription** 79:6  
**transfer** 40:13,21 42:20  
**transfers** 28:25  
**transition** 21:19 66:20  
**transmission** 22:15,21,22,23  
 23:24 24:7,10,22 25:20,21  
 26:3,4,19 27:2,4,5,7,8,13,14  
 27:18 28:8,11,15,22,24 29:2,7  
 29:7,15,18 30:23,24 31:4,6,16  
 31:19,20 32:2,4,5,10,17,18,19  
 33:21,25 34:6,8,14,17,22,24  
 35:9,16 36:12,19,22 38:9,11  
 38:16,20,21 39:3,11,17,21  
 40:5,8,9 41:4,6,17,22 42:3,7  
 42:13,18 43:2,3,7,13,16,23  
 44:3,9 47:15 48:2 50:24 54:12  
 61:13 62:13,15,19,25 63:17,20  
 64:14,24,25 65:17 66:3,23  
**transmission-policy** 37:8  
**transmission-related** 22:8  
**transparency** 19:4  
**transparent** 45:13 57:18 67:5  
**transport** 42:20  
**tree** 19:20

**trends** 54:12  
**triennial** 49:15,16 50:3 51:4,19  
 53:20 71:20,21  
**tropical** 3:15,16 4:13 74:3  
**true** 49:21 76:9 77:23 79:7  
**truly** 8:6 16:24 50:5  
**try** 46:19 53:3  
**trying** 57:17 58:14 70:23  
**turn** 22:16 29:13 30:13  
**two** 25:25 26:3 27:4 29:25 30:25  
 31:25 37:22 40:7,9 59:14,24  
 59:25 67:24  
**two-part** 41:8 57:7  
**two-year** 47:16,21  
**type** 26:23  
**typewritten** 79:6  
**typically** 64:8

---

**U**


---

**ultimately** 17:8 27:11 29:3  
 62:22 64:13  
**unable** 69:15  
**unacceptable** 5:8  
**undergoing** 70:3  
**underlying** 15:4 16:25 69:17  
**underscore** 45:16  
**underscored** 54:15  
**understand** 10:21 46:2 57:20  
 73:23  
**understanding** 71:19  
**Understood** 60:25  
**undertake** 6:19 25:18 28:6 30:6  
**undertaken** 30:5  
**undertakes** 57:11  
**undertaking** 64:24  
**underway** 44:12  
**unfair** 56:21  
**unfortunate** 73:13  
**Unfortunately** 73:8  
**unique** 76:9 77:19  
**unrelated** 53:22  
**upcoming** 45:5  
**update** 21:19 23:16 26:8 35:5  
**updates** 22:17  
**upfront** 67:5  
**upgrade** 34:8  
**upgrades** 25:20,20 26:10 30:22  
 31:5,17 33:18 34:3,6,13 36:4  
 42:23 43:15  
**upgrading** 42:12

**urgently** 6:13  
**use** 13:4 37:24 38:22 61:11  
 63:19  
**useful** 44:17  
**usually** 62:11  
**utilities** 4:6,19 5:21,21 6:18  
 6:23 8:12,19 9:8 18:21 19:5  
 25:18 26:8 31:18 32:17 34:19  
 35:5,6,7 36:3,9,11,15,24  
 56:24 62:16 70:13 74:7  
**utility** 3:22 4:18 5:12 22:18  
 34:2,6,7,10 35:2,17 36:19  
 43:3 70:6 74:17  
**utility's** 32:19 70:11  
**utilize** 49:20  
**utilized** 16:23

---

**V**


---

**Valley** 3:24 40:20  
**valuable** 17:18  
**variety** 73:3  
**various** 10:24 43:2  
**varying** 36:10  
**venture** 78:22  
**vet** 37:25  
**view** 66:2  
**vigilance** 20:22  
**vigilant** 16:6 20:17  
**violations** 9:21 11:8 12:5,11,13  
 12:14,15,22 13:20 14:11 18:13  
 68:3  
**vital** 66:16,21  
**voluntarily** 17:17  
**voluntary** 76:22  
**vote** 20:25,25 21:4,7,8,10,11,13  
 21:14 74:19,20,23,24 75:3,4,6  
 75:7,9  
**voteing** 67:22  
**voting** 19:11,16 71:10 75:10  
**vulnerable** 70:8

---

**W**


---

**want** 5:5 8:3 15:11 16:21 17:4  
 18:5 19:13 46:25 49:12 50:11  
 56:6,7 58:13 61:23 67:13,23  
 68:19 72:13,18 78:15,16  
**wanting** 68:7  
**wants** 57:4 77:3  
**watching** 77:5,19  
**Water** 7:23 21:23,25

**way** 16:11,23 25:2 30:8 45:12,13  
 49:21 52:11 53:14 56:18,21  
 59:18 61:18 76:2,2  
**ways** 7:8  
**we'll** 4:11 21:17 70:14 77:10  
**we're** 15:17 16:5,12 46:20 49:5  
 51:18 52:10 55:11,12 58:6  
 62:4 71:2 77:10 78:20  
**we've** 4:4 20:15,15 53:18 56:23  
 59:13,21 63:15 70:19  
**We'll** 38:5  
**we're** 58:17  
**wears** 56:13  
**weather** 6:9 9:25  
**webcast** 3:4  
**WEBEX** 1:8  
**week** 4:2  
**week's** 6:12  
**weeks** 25:5,13 46:12  
**weren't** 60:23  
**Western** 30:2 39:23 40:2,4 42:4  
 42:18,22  
**WHEREOF** 79:9  
**whilst** 12:21  
**white** 23:15,19 24:18 25:13  
 46:15 50:17 57:25  
**wide** 5:25  
**wider** 70:25  
**WILLIAMS** 79:3  
**wind** 23:13 32:9,12 43:12,17  
 60:22  
**winter** 4:10 9:23 10:2,9,16,22  
**Wisely** 7:19  
**wish** 67:21 77:3  
**WITNESS** 79:9  
**wondered** 55:3  
**wonderful** 78:17  
**work** 4:18 8:13 18:6 19:12,14  
 36:9 44:12 45:21 46:18 58:9  
 61:15 67:12,16 76:12,18,22  
 78:12  
**worked** 76:2 78:7  
**workers** 5:21 18:6 19:19,20  
**workgroup** 36:19,20 37:12  
**workgroups** 35:12  
**working** 18:4 22:8 25:3 35:6,8,9  
 35:9,10,15 36:18 37:8,13  
 45:18 46:2 49:4,5 55:16  
**workstreams** 35:7 37:9  
**world** 20:12

<b>worry</b> 73:17	<b>14th</b> 26:6 34:15 35:4 37:10 45:9
<b>wouldn't</b> 73:17	59:11, 22
<b>written</b> 11:2	<b>15</b> 48:3
<b>wrong</b> 55:2 63:22 65:2	<b>163</b> 67:24 72:11, 12
<hr/>	<b>17</b> 11:7 12:10
<b>X</b>	<b>170-page</b> 9:13
<hr/>	<b>17th</b> 71:8 79:10
<b>X</b> 1:17	<b>18</b> 29:9
<hr/>	<b>18th</b> 11:13 22:25 23:15
<b>Y</b>	<b>19-E-0107</b> 7:16
<hr/>	<b>19th</b> 70:5
<b>year</b> 8:10 12:9 18:10 32:25 45:3	<b>1st</b> 26:13 33:14 34:25 36:17
54:2	49:13, 17 53:21
<b>years</b> 6:17 33:14 75:22, 24	<hr/>
<b>York</b> 1:2 3:17, 21, 25 4:5 5:17, 22	<b>2</b>
6:12 7:24 9:7 23:6 25:17 30:2	<hr/>
30:2 31:21 38:22, 23 39:3, 9, 18	<b>2</b> 12:14
39:20, 23 40:2, 4, 14, 14 41:10	<b>2,000</b> 40:21
41:12 42:4, 7, 14, 18 43:23, 24	<b>2.0</b> 50:17
55:17 61:10 68:6 79:2	<b>20-</b> 58:24
<b>York's</b> 32:14	<b>20-E-0197</b> 21:19 34:19 59:3
<b>Yorker</b> 18:8	<b>2011</b> 69:3, 4 70:20
<b>Yorkers</b> 3:13 6:10 19:15, 21	<b>2013</b> 15:14
76:19	<b>2016</b> 49:13 70:20
<hr/>	<b>2018</b> 9:23 10:3, 7, 15, 22 16:12
<b>Z</b>	43:12, 17 48:3, 12 70:21
<hr/>	<b>2019</b> 11:13, 21 22:25 54:2, 10
<b>zero</b> 23:9, 22 63:3, 6	70:21
<hr/>	<b>2020</b> 1:10 12:9 23:16 24:19
<b>0</b>	25:12 26:6, 14 27:17 28:3
<hr/>	34:15 45:10 47:6 49:17 53:21
<b>1</b>	53:25 55:20 57:7 71:8 79:10
<hr/>	<b>2020-</b> 58:21
<b>1</b> 79:5, 7	<b>2020-21</b> 22:14
<b>1,000</b> 42:8 60:10 64:5	<b>2022</b> 40:7
<b>1.3</b> 3:21	<b>2023</b> 33:14 41:2
<b>1.5</b> 12:19	<b>2025</b> 23:11
<b>10,000</b> 5:20	<b>2030</b> 23:6, 12
<b>10.75</b> 9:20	<b>2035</b> 23:13 32:12
<b>10:30</b> 1:11	<b>2040</b> 23:8 32:7
<b>100</b> 32:5 42:13	<b>20th</b> 11:21
<b>100%</b> 32:6	<b>21</b> 58:21
<b>1000</b> 31:22 39:4, 9 63:25	<b>22</b> 49:15
<b>105</b> 12:17	<b>230</b> 42:25
<b>11</b> 59:16	<b>2400</b> 43:18
<b>12</b> 29:9	<b>25</b> 11:16, 18
<b>12-month</b> 24:21	<b>270</b> 32:23
<b>12:18</b> 1:11	<b>28</b> 75:22
<b>120</b> 70:8	<b>28th</b> 12:9
<b>13</b> 1:10 11:8	<b>29th</b> 25:12
<b>13th</b> 42:3 59:15	<b>2nd</b> 10:3 28:3 41:8 57:7 59:15
<b>140</b> 14:10	
<b>143,000</b> 10:4	
<b>144</b> 11:10, 19, 22	

<b>3</b>	72:1 73:1 74:1 75:1 76:1 77:1 78:1 79:1 <b>800</b> 40:14
<b>3</b> 12:13 <b>30</b> 23:17 <b>301</b> 21:18 <b>302</b> 7:16 8:24 <b>30th</b> 43:9 <b>31,000</b> 10:11 <b>350</b> 40:16 <b>369</b> 71:5 <b>37</b> 75:24 <b>3rd</b> 10:3 27:17 47:3,6 48:3	<b>9</b>
<b>4</b>	<b>9-month</b> 24:25 25:4 <b>9-months</b> 24:25 <b>90</b> 70:7 <b>900</b> 40:23 <b>935</b> 32:13
<b>4</b> 11:9 52:7 <b>4.3</b> 13:10 <b>4.95</b> 12:23 <b>40</b> 32:5 <b>42</b> 42:25	
<b>5</b>	
<b>52,000</b> 10:5 <b>5th</b> 24:19 34:22 37:11	
<b>6</b>	
<b>6.45</b> 12:25 13:7 <b>60</b> 28:16 33:22 38:13 <b>600</b> 42:21 <b>66,000</b> 10:10 <b>660</b> 73:2	
<b>7</b>	
<b>7</b> 23:17 24:20 25:15 33:7 37:7 39:11,15,22 59:6 <b>70%</b> 23:6 <b>78</b> 79:7 <b>7th</b> 10:7	
<b>8</b>	
<b>8-13-2020</b> 1:1 2:1 3:1 4:1 5:1 6:1 7:1 8:1 9:1 10:1 11:1 12:1 13:1 14:1 15:1 16:1 17:1 18:1 19:1 20:1 21:1 22:1 23:1 24:1 25:1 26:1 27:1 28:1 29:1 30:1 31:1 32:1 33:1 34:1 35:1 36:1 37:1 38:1 39:1 40:1 41:1 42:1 43:1 44:1 45:1 46:1 47:1 48:1 49:1 50:1 51:1 52:1 53:1 54:1 55:1 56:1 57:1 58:1 59:1 60:1 61:1 62:1 63:1 64:1 65:1 66:1 67:1 68:1 69:1 70:1 71:1	