

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

5-13-2021 - Monthly Meeting

MONTHLY MEETING OF THE
PUBLIC SERVICE COMMISSION
VIA WEBEX

Thursday, May 13, 2021

10:30 a.m. until 11:22 a.m.

COMMISSIONERS:

JOHN B. HOWARD, Chair

DIANE X. BURMAN

JAMES S. ALESI

TRACEY A. EDWARDS

1 5-13-2021 - Monthly Meeting

2 (On the record 10:30 a.m.)

3 CHAIRMAN HOWARD: Good morning. This
4 is John Howard, interim chair of the Public Service
5 Commission. I call this session of the Public
6 Service Commission to order. Secretary Phillips, any
7 changes to the final agenda?

8 SECRETARY PHILLIPS: There are no
9 changes to the final agenda.

10 CHAIRMAN HOWARD: Thank you very much.
11 But before we get started I'd like to make a note of
12 our arrangements for session today. In line with the
13 guidelines concerning social distancing and
14 minimizing large gatherings in light of executive
15 orders that suspended the provisions of the Open
16 Meetings Law on an emergency basis we are conducting
17 today's session remotely. I would like to remind
18 those who are participating by phone to please mute
19 their phone except when they are speaking.

20 The public will have an opportunity to
21 listen to the session on the department's webcast
22 page and we will also record and transcribe this
23 session as been our practice. These arrangements
24 have been reviewed by our general counsel and have
25 found that these meet the requirements of the

1 5-13-2021 - Monthly Meeting

2 executive orders.

3 Before I begin our agenda, I would
4 like to conduct a roll call of our commissioners.
5 Please confirm that you're with us when I call your
6 name. Commissioner Diane Burman?

7 COMMISSIONER BURMAN: Yes.

8 CHAIRMAN HOWARD: Commissioner James
9 Alesi?

10 COMMISSIONER ALESI: I am with you.

11 CHAIRMAN HOWARD: Commissioner Tracy
12 Edwards?

13 COMMISSIONER EDWARDS: Yes, good
14 morning.

15 CHAIRMAN HOWARD: Great. Thank you.
16 With that we will begin our regular agenda. First
17 item for discussion is Item 301, Case 21-E-0139 which
18 is in the matter of the '20-21 summer electric system
19 preparations presented by Jonathan Forward, utility
20 engineer and specialist and Paul Darmetko, utility
21 supervisor. Tammy Mitchell, director of the Office
22 of Electricity, Gas and Water, and Leka Gjonaj, chief
23 electric safety and reliability will be available for
24 questions. Jonathan, would you please begin?

25 MR. FORWARD: Yes, good morning Chair

1 5-13-2021 - Monthly Meeting

2 Howard and Commissioners. My name is Jonathan
3 Forward. I'm a utility engineering specialist three
4 in the electric and safety and reliability section of
5 the Office of Electric and Gas and Water. Today we
6 will be briefing you on the state's electric
7 transmission and distribution system summer
8 preparedness for 2021.

9 Next slide please. I will be
10 conducting the briefing on the electric system
11 preparedness and summer supply demand forecast. We
12 can move on to the next slide.

13 Each spring staff conducts its annual
14 review of the electric system and utility
15 preparedness to meet peak summer operating conditions
16 for New York. This review focuses on electric system
17 reliability, and is part of our normal course of
18 business at the department and is a -- a high
19 priority. Peak summer operating conditions are often
20 when the electric system can be the most stressed and
21 they look to each of the utilities into the NYISO for
22 assurances that we are well prepared to meet New York
23 customers' need for the upcoming season.

24 This review consists of an assessment
25 of the New York I.S.O. projected demand forecast and

1 5-13-2021 - Monthly Meeting
2 supply resource availability. Additionally, staff
3 issues its annual summer preparedness survey to each
4 of the utilities and reviews all responses as well as
5 conducts interviews with each utility to discuss
6 planned and completed system reinforcements, spare
7 equipment inventories and confirm that they will
8 reliably meet customer demands for the summer
9 operating period.

10 Through these surveys and interviews
11 we find that each of the utilities have completed or
12 will complete all major planned reinforcements,
13 inspections and repairs prior to the start of the
14 summer operating season and have adequate spare
15 equipment on hand to meet unforeseen circumstances or
16 system events. Based on staff's review, an
17 assessment of utility data, meetings with each of the
18 individuals in the New York I.S.O., we find that the
19 state's electric transmission distribution systems
20 are prepared to reliably meet the forecasted 2021
21 summer electric demands.

22 Next slide please. Here we will take
23 a look at the forecast load compared with supply
24 resources for the upcoming summer. This chart shows
25 the historical actuals and forecast statement peak

1 5-13-2021 - Monthly Meeting
2 demand as projected by the New York I.S.O. The lower
3 brown colored line shows the 2020 peak load forecast
4 over the next ten years. This summer's peak load
5 forecast is consistent with what we have seen over
6 the past several years.

7 The NYISO's baseline forecast projects
8 statewide peak demand for 2021 of 32,327 megawatts,
9 very similar to last year's forecast peak of 32,296
10 megawatts. Looking out over the next 10 years, the
11 peak load forecast remains practically flat. The
12 flattening of the peak load growth rate can be
13 attributed primarily to the positive effects of the
14 state's energy programs and to underlying forecast
15 econometric growth rates.

16 It should be noted here that embedded
17 in this demand forecast are any anticipated impacts
18 of the ongoing COVID pandemic in -- on electric
19 energy usage throughout the state. Throughout 2020
20 the economic changes stemming from the COVID-19
21 pandemic caused measureable differences in 2020
22 demand levels and patterns compared with -- to a
23 typical year. Annual energy usage across the state
24 was more than 4,100 gigawatt hours or approximately
25 2.6% below the expected forecast developed early in

1 5-13-2021 - Monthly Meeting

2 2020.

3 As the year progressed, statewide peak
4 demand steadily returned to near expected levels.

5 The NYISO's most recent load shift update in response
6 to the COVID-19 indicates that for the New York
7 control area overall energy usage was estimated
8 between 1 and 2% below expected levels. The NYISO's
9 forecast team has observed that this reduction in
10 electric demand from commercial customers is the
11 leading driver of overall reduced electricity
12 consumption while also observing an increase in
13 residential energy usage especially during the
14 midday.

15 Next slide please. Corresponding to
16 the previous graph, this chart shows the forecast
17 impacts of the contribution of energy efficiency and
18 distributed generation towards reducing peak demands.
19 The blue bars represent forecast energy efficiency
20 impacts and the red bars represent impacts of
21 distributed generation. By the year 2031 the
22 combined effects of these programs is projected to
23 help lower the peak demand by over 6,000 megawatts.

24 Next slide please. Here we present
25 the expected available resource capability for 2021.

1 5-13-2021 - Monthly Meeting
2 Install generating capacity for '21 totals 37,785
3 megawatts. A decrease of 690 megawatts from 2020.
4 The decrease in generating capacity can primarily be
5 attributed to the -- to the retirement of Indian
6 Point Unit 3 met with the addition of the Cassadaga
7 and Roaring Brook wind generating facilities.
8 Combined the installed generation -- generation
9 capacity with projected demand response and special
10 case resources as well as net firm purchase imports
11 provides New York with a total of 41,066 megawatts
12 worth of capacity resources for 2021.

13 I'd like to touch here briefly on the
14 recent retirement of Indian Point Unit 3 and its
15 impact on summer -- this summer's electric
16 operations. First and foremost, we find that the
17 state will continue to have adequate energy supply
18 and transmission capacity to reliably meet forecasted
19 demand following the planned retirement of Indian
20 Point.

21 As you know, on February -- on -- on
22 April 30th of 2020 Entergy retired Indian Point Unit
23 2 and more recently on April 30th of 2021 Indian
24 Point Unit 3 officially ceased operations completing
25 the planned retirement of the Buchanan Nuclear

1 5-13-2021 - Monthly Meeting

2 Facility.

3 Retirement of Indian Point has long
4 been planned for. Back in 2013 the commission
5 adopted the Indian Point contingency plan which
6 resulted in 600 megawatts of transmission upgrades
7 and more than 100 megawatts of distributed generation
8 added in the region. In 2017 following Entergy's
9 formal submission of its generator deactivation
10 notice, the NYISO issued a generator deactivation
11 assessment concluding that the system would be able
12 to reliably meet -- meet reliability criteria without
13 the Indian Point units under the assumed and
14 forecasted system conditions.

15 As noted earlier we are also seeing
16 notable reductions in energy consumption due in large
17 part to the state's energy efficiency programs. By
18 2020 cumulative impacts of the state's energy
19 efficiency initiatives since 2004 have reduced New
20 York's energy statewide annual energy usage by over
21 26,000 gigawatt hours. Additional generation
22 resources, including large scale and distributed
23 renewable resources have been -- also been added to
24 this system that significantly offset lost generation
25 from Indian Point.

1 5-13-2021 - Monthly Meeting

2 In the near term, in order to
3 compensate for the retirement of the Indian Point
4 units, it is expected that existing generation
5 resources may be required to operate more and there
6 may be additional energy imports from our neighbors.
7 While it's anticipated that the retirement of Indian
8 Point 3 will lead to temporary changes in the state's
9 generation resource mix, New York's climate policies
10 ensure that the -- that the power sector remains
11 below the 10 state regions carbon emissions cap while
12 New York continues to bring online new renewable
13 energy and energy efficiency resources that are on
14 track to exceed the statewide targets of 70 -- 70%
15 renewables by 2030 and zero emissions by 2040.

16 Over the long term, as additional zero
17 carbon resources and energy efficiency are put in
18 place, we will see our emission's profile continue to
19 decline. New York continues to see rapid growth in
20 renewable energy buildout comprised of nearly 100
21 large scale solar and land based wind and offshore
22 wind projects awarded by the state that will add
23 nearly 1,100 -- 11,000 megawatts of clean power to
24 the grid. Overall we find that the electric system
25 has adequate energy supply and transmission capacity

1 5-13-2021 - Monthly Meeting
2 to reliably meet forecast electricity demand
3 following the planned retirement of the Indian Point
4 units. And New York State's long term renewable
5 energy and emission's goals will not be jeopardized.

6 Next slide please. Each year the New
7 York State Reliability Council establishes an
8 installed reserve margin or I.R.M. identifying the
9 amount of capacity that must be available above the
10 forecast peak demand to ensure reliable system
11 operations. The installed reserve margin is
12 developed through an extensive study process which
13 considers updated load analysis, resource
14 availability and transmission capacity models all
15 which influenced the level of capacity needed to
16 maintain system reliability.

17 The New York State Reliability Council
18 has set the 2021, 2022 installed reserve margin at
19 20.7% above the forecast peak demand. This 20.7%
20 installed reserve margin results in a 6,692 megawatt
21 minimum requirement above the forecast peak demand
22 for a total of installed capacity requirement of
23 39,019 megawatts. As mentioned previously, the total
24 available capacity for '21 -- 2021 is 41,066
25 megawatts which is 2,047 megawatts above the minimum

1 5-13-2021 - Monthly Meeting
2 required. This too -- this equates to actual
3 installed reserves of 27% above the forecast peak for
4 2021 providing further cushion to serve the peak load
5 beyond the 20.7 margin required by the New York State
6 Reliability Council.

7 To further help curb peak energy
8 system demands, each of the utilities have load
9 relief programs in which customers are compensated
10 for providing load reductions when called upon.
11 Currently there is an estimated 1,200 megawatts
12 enrolled in these programs for 2021 to further
13 facilitate peak demand reductions during the summer's
14 hottest days.

15 Additionally, the NYISO and each of
16 the utilities have -- have operating procedures in
17 place to further mitigate any unforeseen reliability
18 issues. These emergency operating procedures include
19 emergency demand response programs, voltage
20 reductions, voluntary industrial curtailments, energy
21 purchases among others. The NYISO projects over
22 3,000 megawatts of such emergency operating
23 procedures to be available if needed this summer.

24 This now concludes my portion of the
25 presentation. Given all the information we have

1 5-13-2021 - Monthly Meeting

2 presented here, staff believes that the electric
3 system is adequately prepared to reliably meet New
4 York's customer needs the summer of 2021. I'll now
5 turn it over to Paul to discuss projected summer
6 pricing outlook.

7 MR. DARMETKO: Thank you, Jonathan.

8 Good morning, Chair Howard. Good morning
9 Commissioners. My name is Paul Darmetko and I am the
10 utility supervisor in the Office of Electric, Gas and
11 Water's Upstate Rates and Tariff Section. In this
12 portion of the presentation, I'll be providing you
13 with a summary that utilities have performed at
14 reducing the electric supply price volatility for
15 their full service residential customers. I'll
16 provide an overview of the utilities residential
17 electric supply portfolio composition for this
18 summer. Compare this summer's energy futures to last
19 summer's futures and actuals as well as discuss
20 capacity price changes compared to last year. And
21 finally provide a summary of how the -- how the
22 market price changes are expected to impact full
23 service residential customers, and compare the
24 overall price change to the last several years.

25 Next slide please. This graph shows

1 5-13-2021 - Monthly Meeting
2 the results in the utilities electric supply price
3 volatility mitigation efforts since December of 2008.
4 It compares the average New York I.S.O. market price
5 volatility, the red line, to the volatilities
6 utilities residential electric supply portfolios, the
7 blue line. Or more simply stated, the lines show
8 what the volatility of the utilities portfolio would
9 have been had they only purchased from the market
10 versus what actually is because they engage in
11 hedging. Each point on the line represents the
12 volatility over a 12 month period as measured by the
13 coefficient of variation.

14 As you can see from the chart, the
15 utilities have continued to do a good job at reducing
16 the portfolio price volatility compared to market.
17 The highest point on the chart represents the
18 volatility that was experienced as a result of the
19 polar vortex in the winter of 2014. The following
20 run up in volatility and drop is a result of a
21 combination of electric market prices steadily
22 falling and the price spike that occurred in February
23 2015.

24 This price spike was nowhere near as
25 high as the prior winter but it did cause the

1 5-13-2021 - Monthly Meeting

2 volatility to rise. We then experienced a few years
3 of relatively stable prices due to mild weather
4 followed by another price spike that occurred in
5 January of 2018. Again, mainly during cold weather.

6 The most recent run up and subsequent
7 decline in market price volatility is a result of
8 energy prices declining followed by an increase in
9 the statewide full service residential market price
10 which was primarily driven by shifting capacity costs
11 due to the New York I.S.O. peaking on a weekend in
12 the summer of 2019 which I discussed last summer, and
13 a price spike that occurred in February of this last
14 winter due to colder than normal weather. As you can
15 see the statewide portfolio continues to perform ...
16 very well.

17 Next slide please. This chart shows
18 the elements of the composite residential electric
19 supply portfolio for the summer. As shown, about 58%
20 of the portfolio consists of fixed price contracts.
21 Of those fixed price contracts, the majority of them
22 are financial in nature. The fixed portion of the
23 portfolio also includes newer physical contracts,
24 older legacy contracts, and a small amount of the
25 utilities own generation with fixed fuel costs as

1 5-13-2021 - Monthly Meeting

2 well as NYPA contracts.

3 The balance of the portfolio is
4 predominantly made up of market purchases followed by
5 relatively small amounts of the utilities own
6 generation, the variable fuel costs, an index
7 contractor primarily indexed to natural gas.

8 Next slide please. This chart shows
9 this summer's expected average energy market prices
10 based on ICE ... futures and how they compare to last
11 summer's futures and actuals for New York City,
12 Hudson Valley and Western New York for New York
13 I.S.O. zones J, G and A respectively. Last summer's
14 expected energy market prices that were reported to
15 you last May are in green. Last summer's actual
16 market price are in blue, and this summer's expected
17 market prices are in red.

18 Last summer the actual prices were
19 relatively close to what was expected going into the
20 summer period considering how low prices were and the
21 uncertainty surrounding COVID. At this point going
22 into this summer, energy prices are expected to be
23 higher than last year's actuals which is an
24 expectation ... of a more normal summer as well as
25 higher generator fuel prices.

1 5-13-2021 - Monthly Meeting

2 With that said, I would like to note
3 that the energy prices continue to be at historically
4 low levels even with the market projected increase
5 from last summer shown on the slide. I would also
6 like to note that the actual prices will vary from
7 futures due to weather, economic conditions and
8 demand on the system.

9 Next slide please. This slide shows
10 what last year's summer strip auction ... capacity
11 prices were and what this summer strip auction
12 capacity prices are. As you can see, New York City
13 is much lower than last year with regards to the
14 state and G through J locality prices are higher than
15 last summer. These changes are due to a combination
16 of the following factors.

17 An increase in the New York control
18 area installed reserve margin from 118.9% and 220.7%,
19 which means in the New York City locational capacity
20 requirements from 86.6% to 80.3% and a change in the
21 G. through J. locational capacity requirements from
22 90% to 87.6%. These changes are primarily driven by
23 changes in the generation mix including retirement of
24 Indian Point 3 which Jonathan previously discussed as
25 well as an increase in capacity capability in New

1 5-13-2021 - Monthly Meeting

2 York City due to certain operational changes.

3 Next slide please. This slide is here
4 to provide a bit of context around the changes in
5 market prices. This chart shows the changes over the
6 recent several years and the load weighted, full
7 service mass market residential customer commodity
8 price. As you can see, although the price this
9 summer is expected to be about 3% higher than last
10 summer on a statewide average basis, it is in line
11 with more recent ... several years and is much lower
12 than where prices were in 2014.

13 Depending on where customers are
14 located in the state and what utility they're served
15 by, their commodity prices may be higher or lower
16 than last summer. At this point it's expected that
17 full service residential customers in New York City
18 will see a decrease in their commodity prices where
19 in most other parts of the state they may experience
20 increases compared to last summer. But, again, they
21 are expected to be well in line with recent prices.

22 So to conclude, the utilities have
23 continued to perform well at reducing the month-to-
24 month price swings compared to market and it
25 maintained approximately 58% fixed price hedge level

1 5-13-2021 - Monthly Meeting
2 for the summer on a statewide average basis which
3 will mitigate any unexpected price spikes should they
4 occur. And although commodity prices are expected to
5 be higher this summer, the state remains in the low
6 cost commodity environment which is good news for
7 customers. And that concludes my portion of the
8 presentation and we'd be happy to answer any
9 questions. Thank you.

10 CHAIRMAN HOWARD: Thank you, Jonathan
11 (sic). Again, I want to emphasize that this
12 commission and the commission historically views
13 reliability as its primary responsibility. This
14 presentation should give New Yorker's confidence
15 their electrical system is -- will be prepared for
16 the summer, and the prices will be remain largely
17 stable. Again, as we move forward into our
18 decarbonized environment, it will be, again, our
19 role, our job, our absolute obligation to make sure
20 reliability maintains at the highest standards
21 possible. With that I'd like to turn it over to
22 Commissioner Burman for any comments.

23 COMMISSIONER BURMAN: Thanks so much,
24 I.S.O. Your comments -- it's a very helpful analysis
25 presented here. I would just like to ask for a

1 5-13-2021 - Monthly Meeting
2 briefing from staff perhaps next week as we look at
3 what our contingency plans are for system reliability
4 and any system interruptions that may occur, planned
5 or unplanned, as well as highlighting for me some of
6 the issues as if we are expecting that existing
7 generation of resources may be required to operate
8 more. And they ... be additional energy imports from
9 our neighbors as well as what the temporary changes
10 to the state's federation and resource mix will
11 specifically look at -- at how we are addressing
12 those issues both short term and long term. Thank
13 you.

14 CHAIRMAN HOWARD: Commissioner Alesi?

15 COMMISSIONER ALESI: Thank you,
16 Chairman. Once again we see the results of
17 significant talent and effort that has gone into this
18 report. And it gives us a sense of confidence that
19 we'll have reliable and availability of energy going
20 through the time period as noted. And thank you to
21 the staff for a good job.

22 CHAIRMAN HOWARD: Thank you.

23 Commissioner Edwards?

24 COMMISSIONER EDWARDS: Yes, thank you.

25 I want to echo my colleagues as well. It's very

1 5-13-2021 - Monthly Meeting

2 comprehensive. I like the piece on Indian Point and
3 how that is going to affect it. I appreciate the --
4 the deep analysis that was done here and I appreciate
5 it. I'll be voting in favor. Thank you.

6 CHAIRMAN HOWARD: Well, this is an
7 informational session so you don't vote on that.

8 COMMISSIONER EDWARDS: Oh, okay. All
9 right. Good. Even better. Thank you.

10 CHAIRMAN HOWARD: Great. Thank you,
11 Commissioner. Now I'd like to go to our second item
12 for discussion. It's Item 501, Case 20-C-0267 as it
13 relates to the Frontier Action Plan. It will be
14 presented by Michael Rowley, chief of network
15 reliability. Deborah LaBelle, director of office of
16 telecommunications and Brian Ossias, managing
17 attorney will be available for questions. Mike,
18 would you please begin?

19 UNIDENTIFIED SPEAKER: Mike, you could
20 be on mute.

21 MR. ROWLEY: Yes, sorry about that.
22 My device was on mute. So let me start again. Good
23 morning Chair Howard and Commissioners. The draft
24 order before you approves the Frontier Action Plan
25 which was filed in compliance with the commission's

1 5-13-2021 - Monthly Meeting
2 October 16th, 2020 order approving the Frontier
3 restructuring petition with conditions. In May of
4 2020 Frontier requested commission approval of an
5 internal restructuring plan contemplated under its
6 Chapter 11 bankruptcy filing.

7 As you recall, in two previous annual
8 reports to the commission, the department raised
9 concerns regarding the quality of service provided by
10 certain Frontier subsidiaries. In particular,
11 Frontier Telephone of Rochester, Citizens
12 Telecommunications Company of New York, Frontier
13 Communications of Ausable Valley and Frontier
14 Communications of New York.

15 In its petition for approval of an
16 internal restructuring, Frontier asserted that its
17 expected improved financial capacity following
18 restructuring would allow it to focus on improvements
19 to service quality. As such, in a supplemental
20 filing to the petition, Frontier committed to invest
21 an incremental \$9 million in capital improvements in
22 24 essential office entities or areas that had been
23 identified by the company in consultation with staff
24 as ones that warranted additional service quality
25 enhancements.

1 5-13-2021 - Monthly Meeting

2 In approving the petition and
3 supplemental filing, the commission required Frontier
4 to file within 90 days an action plan that addressed
5 specific measures and projects to be completed by
6 Frontier in the 24 essential offices and how the \$9
7 million in incremental capital expenditures over a 3
8 year period would enhance service quality and network
9 reliability.

10 On January 14th, 2021 Frontier filed
11 the Frontier action plan which detailed its specific
12 measures and projects to be completed by Frontier.
13 The objectives of the action plan are to, one,
14 implement a focus program of capital assessment and
15 proactive maintenance aimed at reducing the number of
16 troubles experienced by customers. And, two,
17 improved customer trouble report rate and timeliness
18 of repair performance metrics in the 24 identified
19 essential office entities.

20 Turning to capital investments and
21 proactive maintenance, Frontier includes a total
22 estimate of more than 12.5 million in capital
23 expenditures associated with the action plan
24 projects. This is 3.5 million over the 9 million
25 capital expenditures required by the order.

1 5-13-2021 - Monthly Meeting

2 Frontier's action plan includes four project category
3 descriptions for intended capital expenditures.
4 These include fiber investment, essential office
5 backup power enhancements, remote terminal tower
6 enhancements, and outside plant enhancements. With
7 regard to fiber investment, Frontier plans to provide
8 fiber to the premise network to approximately 8,000
9 additional locations as part of the action plan at a
10 cost of approximately \$6.4 million through 2023.

11 This expansion -- expansion is in
12 addition to 30,000 locations being funded by the new
13 New York broadband program and funding for 12,000 New
14 York locations recently awarded to Frontier in the
15 Federal Communication Commission's Rural Digital
16 Opportunity Fund Auction. The company says that
17 fiber deployment will allow it to offer broadband
18 services capable of download speeds as fast as one
19 gigabytes per second and move current services off
20 its legacy copper network to improve telephone
21 service quality.

22 With regard to central office backup
23 power, Frontier will replace batteries at very
24 essential offices to provide improved network
25 resiliency and reliability during periods of

1 5-13-2021 - Monthly Meeting
2 commercial power loss. Frontier will spend
3 approximately 1.36 million through 2023 to replace
4 batteries in certain central offices. These
5 investments will improve Frontier's preparedness and
6 help maintain customer communication and access to
7 emergency services during and after storm events and
8 resulting commercial power outages as seen in recent
9 events like Tropical Storm Isaias.

10 These investments are in addition to
11 any potential conditions or requirements resulting
12 from unresolved enforcement actions. With regard to
13 remote terminals, Frontier identified over 190
14 projects that encompass upgrading remote switching
15 equipment, installing batteries and generators and
16 copper to fiber migrations at remote terminals. The
17 company notes that this is intended to reduce trouble
18 tickets in the essential offices and remote offices
19 and improve service quality.

20 The company claims these projects have
21 an approximate cost of \$3.3 million over the 3 year
22 period of the action plan. As for outside plant,
23 Frontier plans to use trouble ticket analysis and
24 additional training to proactively look for and
25 report outside plant facilities in need of repair or

1 5-13-2021 - Monthly Meeting

2 replacement. Frontier has identified approximately
3 1.37 million in cable repair projects.

4 Together with Frontier's average
5 annual capital expenditures, these incremental action
6 plan investments result in a commitment by Frontier
7 to spend a minimum of 8 -- 83.24 million in capital
8 investments in New York during 2020 and through 2023.
9 With regard to metric performance, the action plan
10 requires Frontier to meet or exceed metric targets
11 and that includes incentive provisions through the
12 quarter ending June 30th, 2023.

13 If either or both of the action plan
14 metric targets are not achieved in a given quarter,
15 Frontier is obligated to file a remedial plan. The
16 draft order also sets requirements for reporting so
17 that effective monitoring and implementation and
18 compliance is achieved.

19 In conclusion, the -- the proposed
20 Frontier action plan meets the requirements of the
21 commission order issued on October 16th, 2020. It
22 addresses much needed service quality improvements
23 and contributes to the expansion of fiber based
24 broadband in New York. Therefore, the draft order
25 approves the Frontier action plan. That concludes my

1 5-13-2021 - Monthly Meeting

2 presentation and the team will gladly answer any
3 questions you may have.

4 CHAIRMAN HOWARD: Thank you, Mike. I
5 really do appreciate the work that staff has done on
6 this Frontier -- on the Frontier issues. Not a -- a
7 company that has been difficult for some time and I
8 do appreciate our vigilance. And during the COVID
9 pandemic, we now know the incredible importance of
10 reliable telephone service. And the commission will
11 remain vigilant in maintaining reliability not only
12 in our electric system but our telecom systems as
13 well.

14 And this also reminds us that we still
15 have tens of thousands of legacy copper lined
16 customers not only with Frontier but across New York.
17 And our continued need to upgrade technology as
18 quickly as possible to fiber based connections.

19 Again, I thank the staff for this.
20 And, again, I believe we will have to remain very
21 vigilant on the company in particular as we go
22 forward that they meet the performance standards as
23 outlined in this order. With that I'd like to take -
24 - turn it over to Commissioner Burman.

25 COMMISSIONER BURMAN: Thanks so much.

1 5-13-2021 - Monthly Meeting

2 I appreciate the hard work on this. I just wanted to
3 flag the order does lay out the C.W.A.'s comments
4 that they submitted in December 2020 on their
5 concerns related to our October 2020 order approving
6 the joint petition with conditions. And Frontier did
7 respond to their specific concerns and explained
8 their position.

9 The order does recognize that Frontier
10 is currently in the process of expanding fiber
11 facilities in its New York network. And through
12 these projects, the fiber expansion projects,
13 Frontier does plan to deploy fiber to over 50,000
14 locations in New York. And is seeking to demonstrate
15 that New York is, in fact, a core fiber investment
16 state and it will evaluate opportunities for further
17 F.T.T.P. expansion (The connection signal reduced
18 sound quality) We ... looking at all of this as we
19 go forward and I appreciate staff's hard work and the
20 company's as well as stakeholders too. Thank you.

21 CHAIRMAN HOWARD: Commissioner Alesi?

22 COMMISSIONER ALESI: Thank you, Mr.
23 Chairman. Once again we are seeing a plan where
24 significant effort to approve service through
25 upgrades to equipment and additional training meet

1 5-13-2021 - Monthly Meeting

2 the requirements of the commission order of October
3 2020. Again, the staff has done a great job toward
4 the benefit of consumers. And I appreciate the
5 effort.

6 CHAIRMAN HOWARD: Thank you.
7 Commissioner Edwards?

8 COMMISSIONER EDWARDS: Yes, thank you.
9 I agree with Chair Howard in terms of really paying
10 particular attention to this company especially with
11 storm restorals and meeting the obligations to their
12 employees. So I appreciate the thoroughness and
13 thank you for this update.

14 CHAIRMAN HOWARD: I'll now call for a
15 vote. My vote is in favor of the recommendation to
16 approve the Frontier action plan as outlined.
17 Commissioner Burman, how do you vote?

18 COMMISSIONER BURMAN: Yes.

19 CHAIRMAN HOWARD: Commissioner Alesi,
20 how do you vote?

21 COMMISSIONER ALESI: I vote yes.

22 CHAIRMAN HOWARD: Thank you.
23 Commissioner Edwards, how do you vote?

24 COMMISSIONER EDWARDS: I vote yes.

25 CHAIRMAN HOWARD: Thank you. This

1 5-13-2021 - Monthly Meeting
2 item is approved and the recommendations are adopted.
3 Now move to the consent agenda. Do any of the
4 commissioners wish to comment or recuse themselves
5 from voting on any items in the consent agenda
6 beginning with Commissioner Burman?

7 COMMISSIONER BURMAN: Thank you. I
8 have several items I'll be commenting on. First, in
9 bulk ... 265 through 268 I will be concurring
10 consistent with my past voting record. I have no
11 further comments on that. On Item 370 I -- I did
12 want to comment. I will be voting in favor of this
13 but I think it deserves an explanation of -- of why.

14 Here the commission, if approved, is
15 issuing a stay of a limited portion of our prior
16 order that addressed the public policy transmission
17 need for delivering offshore wind off of Long Island.
18 So a little background. March 19, 2021 our
19 commission issued this order addressing the public
20 policy requirements for transmission planning
21 purposes. That March 2021 order prescribed, among
22 other things, a cost allocation methodology to be
23 applied by the New York I.S.O. using a beneficiaries
24 pay principle that assigns essentially 75% of the
25 project cost to those beneficiaries receiving

1 5-13-2021 - Monthly Meeting
2 economic benefits associated with congestion relief.
3 And the remaining 25% portions of the -- of the costs
4 are allocated statewide on a load ratio share.

5 After that order we received two
6 separate motions for petitions for rehearing. One
7 was filed by Long Island Power Authority and the
8 other by Consolidated Edison and Orange and Rockland
9 Utilities. In -- in those petitions for rehearing,
10 they were addressing the substantive issues but also
11 requested a limited stay of the aspects of the March
12 2021 order that relates to the cost allocation
13 methodology.

14 We also received, so far, and more
15 comments may come in, but we also received comments
16 in response to those petitions for a rehearing from a
17 number of folks that were addressed on the
18 substantive issue of whether to grant or deny the
19 petitions for rehearing. It's important for folks to
20 understand that under the New York I.S.O. open access
21 transmission tariff it does require the I.S.O. to
22 file with FERC a cost allocation methodology
23 prescribed by the commission for public policy
24 transmission need within 60 days of issuance of a
25 commission order.

1 5-13-2021 - Monthly Meeting

2 So understanding that that filing
3 would happen, it actually might -- if we did not stay
4 these -- this order, it might effectively render
5 moot, you know, their -- their arguments for petition
6 for a rehearing. Due to the New York I.S.O. filing,
7 it makes sense to me from a procedural perspective
8 and procedural concerns that if we fail to grant this
9 limited stay, we will essentially be making moot
10 their opportunity for petition to be heard.

11 But I do want to say, and I appreciate
12 that the draft order actually does take explicit note
13 that we, by issuing this stay, we're not addressing
14 here the substance of the petitions. That will be
15 done, and any comments that have been received and
16 will be received will be considered in due time.
17 However, we are not seeking to delay or influence the
18 outcome of the I.S.O. process including the
19 solicitation of transmission needs and the I.S.O.'s
20 potential selection of a solution. And -- and I
21 think it's just important for us to say that so I
22 wanted to make that clear why I vote for that.

23 For Item 373 I will be concurring but
24 I am going to flag some concerns I have. In here
25 this is the matter of value of D.E.R. petition, the

1 5-13-2021 - Monthly Meeting
2 generic one, but we're adopting the recommendations
3 in the staff white paper with modification that
4 standardize and clarify certain banking rules for
5 community D.G. projects. I do have to take note that
6 this -- this order does apply to the C.D.G. aspects
7 of the C.C.A. Historically I've been very publically
8 concerned about both C.D.G. and C.C.A and the
9 applicability or not of C.D.G. within the C.C.A. And
10 for us needing to be very careful in what we're doing
11 and taking a careful look.

12 I appreciate that this order seeks to
13 clarify the banking rules. But C.D.G. in and of
14 itself has been very clunky and confusing throughout
15 our process. At this time it's important to note
16 that the commission has only approved an opt-out
17 C.D.G. as an additional project offer of a C.C.A.
18 program for Joule Assets. The commission has not yet
19 weighed in on whether C.C.A. programs may offer opt-
20 out C.D.G. only or whether the current approach
21 should be available for all C.C.A. administrations.

22 I also note that we have received
23 numerous petitions requesting authorization to
24 administer opt-out C.D.G. owning programs under the
25 C.C.A. frame work. We've received requests from

1 5-13-2021 - Monthly Meeting
2 current C.C.A. administrators to add opt-out C.D.G.
3 to their existing program. And most recently, a
4 declaratory ruling request from Joule seeking to move
5 forward with opt-out C.D.G. in Long Island.

6 It's really important for us that the
7 commission, as a body, carefully weighs in on all of
8 these issues even to the extent that the factors of
9 what's happening with ESCOs and C.C.A.s and C.D.G.
10 are really important for us as a body to fully
11 understand the ramifications statewide and to be
12 engaging in clear guidance on short- and long-term
13 what some of these issues may be. And how it would
14 apply or wouldn't apply. And -- and make sure that
15 we are carefully evaluating the current success and
16 failure of C.C.A.s and C.D.G. itself. (The
17 connection signal reduced sound quality)

18 The next Item 377. It -- it's -- this
19 is an order that is addressing the continuation or
20 not of standby rate exemptions. The order supports
21 essentially three tracks for the existing standby
22 rate exemptions. One, the commission should continue
23 exemptions related to Public Service Law 66-J and 66-
24 L indefinitely. The commission's -- two, the
25 commission should continue exemptions related to

1 5-13-2021 - Monthly Meeting

2 renewable energy and energy storage technologies for
3 another two years.

4 And, three, the commission should not,
5 and I underscore that because that is part of my
6 concern and why I'm voting in part no, should not
7 renew the exemptions related to combined heat and
8 power C.H.P. My concern here is that I feel very
9 strongly that the failure to extend the C.C. --
10 C.H.P. exemption, like the other exemptions that are
11 getting extended, while we await resolution on the
12 standby rate policy matters in the VDER proceedings,
13 it makes no sense to me that we -- that we would
14 grant this exemption again for the other exemptions
15 we extended and yet not for C.H.P.

16 I feel it's under some misguided
17 reliance on the fact that we can't do that under
18 state energy policy and since the C.L.C.P.A. law so
19 we're not going to grant the exemption extension for
20 C.H.P. I feel that there is a great opportunity for
21 us to make sure that we are consistent with the 2019
22 commission order that granted the exemption extension
23 for all existing exemptions and said that we would
24 look at this in an ongoing collaborative in the
25 standby rate proceedings.

1 5-13-2021 - Monthly Meeting

2 Traditionally for me, when we have
3 commission precedent, if we're going to change our
4 rationale and what we're doing, we need to really
5 carefully lay out the reasons for that. That looking
6 into the record on what makes sense to do it. And if
7 there's nothing in the record that would support our
8 changing that commissioner precedent, I don't think
9 it's helpful to just cite to some oversimplification
10 and erroneous reliability on the state energy policy
11 and C.L.C.P.A. as a reason to change the commission
12 precedent.

13 I think it's fundamentally flawed and
14 as I look at this, I do believe that we are actually
15 discriminating against the C.H.P. exemption extension
16 by denying it versus the others. It's totally -- if
17 we did grant this extension for the limited duration
18 while ... what we're doing in the standby rate
19 proceedings, we would be totally consistent in our
20 actions with not only the other exemption extensions
21 but consistent with the 2019 order.

22 And most importantly would allow us to
23 address this issue more thoughtfully and perhaps with
24 collaboration in the other pending proceedings.

25 Moreover, it overwhelming, the commenters asked for

1 5-13-2021 - Monthly Meeting

2 this stating the real need to be extending the
3 exemption as we did in 2019 that would ensure that
4 the need for these exemptions will be investigated
5 again collaboratively. And it's -- it's important
6 for us to make sure that we were doing that.

7 As you read -- as I read the 2019
8 order, it struck me very much that we did at that
9 time look at the arguments that were raised by the
10 joint utilities, primarily on why the exemption
11 should not continue. And we very carefully explained
12 why we were going to continue those exemptions and
13 extend it, and we have not yet resolved the very
14 issues that we said we were going to get to. And we
15 are extending the exemptions for others on the same
16 basis as that. And yet for some reason saying no to
17 the C.H.P. exemption purely on an oversimplification
18 of reliance on the C.L.C.P.A. which I believe frankly
19 is a -- is a erroneous reliance.

20 We also did not address any of the
21 specific substantive issues that talked about the
22 benefits of C.H.P. We left that unaddressed and yet
23 at the same time, the other issues for why the
24 exemptions substantively should continue will be
25 addressed in the more fuller record which is where I

1 5-13-2021 - Monthly Meeting

2 think it should be. Just to clarify also I think
3 this may actually take us backwards if we eliminate
4 this exemption inappropriately without carefully
5 looking at it in the other proceeding.

6 As some of the commenters have said,
7 C.H.P. and all electric fuel cell systems offer
8 substantial benefits that include, and I'm going to
9 list out the seven that I see, one, reducing and
10 eliminating greenhouse gas emissions, criteria
11 pollutants and reducing water consumptions. Two,
12 creating resilient power that can operate independent
13 of the grid. Three, energy density and sitting in
14 space constrained areas that cannot accommodate other
15 clean alternatives.

16 Four, power generation close to loads,
17 avoiding or reducing line losses and congestion
18 costs. Five, increased energy efficiency. Six,
19 providing twenty-four seven load following power
20 behind the meter and at utility scale. And, seven,
21 the ability to operate our renewable gas, hydrogen
22 and natural gas.

23 For me it is very clear that those
24 benefits that are being shared it's for us to examine
25 that and say -- and for us to then say, well, we

1 5-13-2021 - Monthly Meeting

2 can't do this exemption extension because it would
3 not be consistent with the C.L.C.P.A. And the state
4 energy policy doesn't make sense since all of those
5 potential benefits alleged actually would be
6 supportive of our decarbonization policies. And I
7 think we're handicapping ourselves as we go forward
8 if we are limiting it so narrowly.

9 In fact, I think that it's true that
10 if we -- we do not take a careful look at this, we
11 may actually not be able to meet our ambitious energy
12 and environmental objectives if we continue to
13 handicap ourselves. So I'm going to be voting in
14 favor of the exemptions being extended. However, I
15 will be voting no on the one that is failing to
16 extend the C.H.P. exemption because I do not think
17 it's supported in the record as well as thinking that
18 it is discriminating without rationale and sufficient
19 on why we're doing -- not doing that one but doing
20 the others. Thank you.

21 CHAIRMAN HOWARD: Thank you.

22 Commissioner Alesi?

23 COMMISSIONER ALESI: I have no comment
24 on the consent agenda. Thank you.

25 CHAIRMAN HOWARD: Thank you.

1 5-13-2021 - Monthly Meeting

2 Commissioner Edwards?

3 COMMISSIONER EDWARDS: No, I have no
4 comments. Thank you.

5 CHAIRMAN HOWARD: I now move for a
6 vote on the consent agenda. I will be voting in
7 favor of the consent -- consent agenda in its
8 entirety. Commissioner Burman?

9 COMMISSIONER BURMAN: I'm voting yes
10 except for the ones that I laid out.

11 CHAIRMAN HOWARD: Great. Thank you.
12 Commissioner Alesi?

13 COMMISSIONER ALESI: I'm voting yes.

14 CHAIRMAN HOWARD: And Commissioner
15 Edwards?

16 COMMISSIONER EDWARDS: Yes, thank you.

17 CHAIRMAN HOWARD: Great. With that
18 being said, Secretary Phillips, is there anything
19 further to come before us today?

20 SECRETARY PHILLIPS: There is nothing
21 further to come before you, but I just want to
22 clarify the last vote on the consent agenda with
23 respect to Commissioner Burman. I have indicated
24 that on Items 265 through 268 you are concurring. On
25 370 you're in favor. And on 373 you are concurring

1 5-13-2021 - Monthly Meeting

2 in part and dissenting in part. Can you confirm?

3 COMMISSIONER BURMAN: So I think the
4 numbers are wrong. So in 260 -- let me just repeat
5 so I make sure that we're all on the same page. I'm
6 not going to repeat my comments just my votes. So
7 265 to 268 I'm concurring. 370 I'm voting yes. 373
8 I am concurring. 377 I vote in favor in part and I
9 vote in denial in part. I vote no in part.

10 SECRETARY PHILLIPS: Okay. So I have
11 --.

12 COMMISSIONER BURMAN: 373 is a
13 concurrence. 377 is yes in part, no in part.

14 SECRETARY PHILLIPS: Okay. Thank you.

15 CHAIRMAN HOWARD: With that I will
16 adjourn this meeting of the commission and thank you
17 and commissioners and staff for your -- for your hard
18 work today. Thank you very much.

19 (Off the record 11:22 a.m.)

20 (The proceeding concluded.)

21

22

23

24

25

1 5-13-2021 - Monthly Meeting

2 STATE OF NEW YORK

3 I, HANNAH ALLEN, do hereby certify that the foregoing was
4 reported by me, in the cause, at the time and place, as
5 stated in the caption hereto, at Page 1 hereof; that the
6 foregoing typewritten transcription consisting of pages 1
7 through 41, is a true record of all proceedings had at the
8 hearing.

9 IN WITNESS WHEREOF, I have hereunto
10 subscribed my name, this the 17th day of May, 2021.

11

12

13 HANNAH ALLEN, Reporter

14

15

16

17

18

19

20

21

22

23

24

25

A	
a.m 1:7,7 2:2 41:19	amount 11:9 15:24
ability 38:21	amounts 16:5
able 9:11 39:11	analysis 11:13 19:24 21:4 25:23
absolute 19:19	annual 4:13 5:3 6:23 9:20 22:7 26:5
access 25:6 31:20	answer 19:8 27:2
accommodate 38:14	anticipated 6:17 10:7
achieved 26:14,18	applicability 33:9
action 21:13,24 23:4,11,13,23 24:2,9 25:22 26:5,9,13,20,25 29:16	applied 30:23
actions 25:12 36:20	apply 33:6 34:14,14
actual 12:2 16:15,18 17:6	appreciate 21:3,4 27:5,8 28:2 28:19 29:4,12 32:11 33:12
actuals 5:25 13:19 16:11,23	approach 33:20
add 10:22 34:2	approval 22:4,15
added 9:8,23	approve 28:24 29:16
addition 8:6 24:12 25:10	approved 30:2,14 33:16
additional 9:21 10:6,16 20:8 22:24 24:9 25:24 28:25 33:17	approves 21:24 26:25
Additionally 5:2 12:15	approving 22:2 23:2 28:5
address 36:23 37:20	approximate 25:21
addressed 23:4 30:16 31:17 37:25	approximately 6:24 18:25 24:8 24:10 25:3 26:2
addresses 26:22	April 8:22,23
addressing 20:11 30:19 31:10 32:13 34:19	area 7:7 17:18
adequate 5:14 8:17 10:25	areas 22:22 38:14
adequately 13:3	arguments 32:5 37:9
adjourn 41:16	arrangements 2:12,23
administer 33:24	asked 36:25
administrations 33:21	aspects 31:11 33:6
administrators 34:2	asserted 22:16
adopted 9:5 30:2	assessment 4:24 5:17 9:11 23:14
adopting 33:2	Assets 33:18
affect 21:3	assigns 30:24
agenda 2:7,9 3:3,16 30:3,5 39:24 40:6,7,22	associated 23:23 31:2
agree 29:9	assumed 9:13
aimed 23:15	assurances 4:22
Alesi 1:13 3:9,10 20:14,15 28:21,22 29:19,21 39:22,23 40:12,13	attention 29:10
alleged 39:5	attorney 21:17
ALLEN 42:3,13	attributed 6:13 8:5
allocated 31:4	auction 17:10,11 24:16
allocation 30:22 31:12,22	Ausable 22:13
allow 22:18 24:17 36:22	Authority 31:7
alternatives 38:15	authorization 33:23
ambitious 39:11	availability 5:2 11:14 20:19
	available 3:23 7:25 11:9,24 12:23 21:17 33:21
	average 14:4 16:9 18:10 19:2 26:4
	avoiding 38:17
	await 35:11
	awarded 10:22 24:14

B	
B 1:11	37:22 38:7 39:16
Back 9:4	C.L.C.P.A 35:18 36:11 37:18 39:3
background 30:18	C.W.A.'s 28:3
backup 24:5,22	cable 26:3
backwards 38:3	call 2:5 3:4,5 29:14
balance 16:3	called 12:10
banking 33:4,13	cap 10:11
bankruptcy 22:6	capability 7:25 17:25
bars 7:19,20	capable 24:18
based 5:16 10:21 16:10 26:23 27:18	capacity 8:2,4,9,12,18 10:25 11:9,14,15,22,24 13:20 15:10 17:10,12,19,21,25 22:17
baseline 6:7	capital 22:21 23:7,14,20,22,25 24:3 26:5,7
basis 2:16 18:10 19:2 37:16	caption 42:5
batteries 24:23 25:4,15	carbon 10:11,17
beginning 30:6	careful 33:10,11 39:10
believe 27:20 36:14 37:18	carefully 34:7,15 36:5 37:11 38:4
believes 13:2	case 3:17 8:10 21:12
beneficiaries 30:23,25	Cassadaga 8:6
benefit 29:4	category 24:2
benefits 31:2 37:22 38:8,24 39:5	cause 14:25 42:4
better 21:9	caused 6:21
beyond 12:5	ceased 8:24
bit 18:4	cell 38:7
blue 7:19 14:7 16:16	central 24:22 25:4
body 34:7,10	certain 18:2 22:10 25:4 33:4
Brian 21:16	certify 42:3
briefing 4:6,10 20:2	chair 1:11 2:4 3:25 13:8 21:23 29:9
briefly 8:13	Chairman 2:3,10 3:8,11,15 19:10 20:14,16,22 21:6,10 27:4 28:21,23 29:6,14,19,22,25 39:21,25 40:5,11,14,17 41:15
bring 10:12	change 13:24 17:20 36:3,11
broadband 24:13,17 26:24	changes 2:7,9 6:20 10:8 13:20 13:22 17:15,22,23 18:2,4,5 20:9
Brook 8:7	changing 36:8
brown 6:3	Chapter 22:6
Buchanan 8:25	chart 5:24 7:16 14:14,17 15:17 16:8 18:5
buildout 10:20	chief 3:22 21:14
bulk 30:9	circumstances 5:15
Burman 1:12 3:6,7 19:22,23 27:24,25 29:17,18 30:6,7 40:8 40:9,23 41:3,12	cite 36:9
business 4:18	Citizens 22:11
	City 16:11 17:12,19 18:2,17
	claims 25:20
C	
C.C 35:9	
C.C.A 33:7,8,9,17,19,21,25 34:2	
C.C.A.s 34:9,16	
C.D.G 33:6,8,9,13,17,20,24 34:2 34:5,9,16	
C.H.P 35:8,10,15,20 36:15 37:17	

<p>clarify 33:4,13 38:2 40:22 clean 10:23 38:15 clear 32:22 34:12 38:23 climate 10:9 close 16:19 38:16 clunky 33:14 coefficient 14:13 cold 15:5 colder 15:14 collaboration 36:24 collaborative 35:24 collaboratively 37:5 colleagues 20:25 colored 6:3 combination 14:21 17:15 combined 7:22 8:8 35:7 come 31:15 40:19,21 comment 30:4,12 39:23 commenters 36:25 38:6 commenting 30:8 comments 19:22,24 28:3 30:11 31:15,15 32:15 40:4 41:6 commercial 7:10 25:2,8 commission 1:3 2:5,6 9:4 19:12 19:12 22:4,8 23:3 26:21 27:10 29:2 30:14,19 31:23,25 33:16 33:18 34:7,22,25 35:4,22 36:3 36:11 41:16 commission's 21:25 24:15 34:24 commissioner 3:6,7,8,10,11,13 19:22,23 20:14,15,23,24 21:8 21:11 27:24,25 28:21,22 29:7 29:8,17,18,19,21,23,24 30:6,7 36:8 39:22,23 40:2,3,8,9,12 40:13,14,16,23 41:3,12 commissioners 1:10 3:4 4:2 13:9 21:23 30:4 41:17 commitment 26:6 committed 22:20 commodity 18:7,15,18 19:4,6 communication 24:15 25:6 Communications 22:13,14 community 33:5 company 22:12,23 24:16 25:17,20 27:7,21 29:10 company's 28:20 compare 13:18,23 16:10 compared 5:23 6:22 13:20 14:16 18:20,24 compares 14:4</p>	<p>compensate 10:3 compensated 12:9 complete 5:12 completed 5:6,11 23:5,12 completing 8:24 compliance 21:25 26:18 composite 15:18 composition 13:17 comprehensive 21:2 comprised 10:20 concern 35:6,8 concerned 33:8 concerning 2:13 concerns 22:9 28:5,7 32:8,24 conclude 18:22 concluded 41:20 concludes 12:24 19:7 26:25 concluding 9:11 conclusion 26:19 concurrence 41:13 concurring 30:9 32:23 40:24,25 41:7,8 conditions 4:15,19 9:14 17:7 22:3 25:11 28:6 conduct 3:4 conducting 2:16 4:10 conducts 4:13 5:5 confidence 19:14 20:18 confirm 3:5 5:7 41:2 confusing 33:14 congestion 31:2 38:17 connection 28:17 34:17 connections 27:18 consent 30:3,5 39:24 40:6,7,7 40:22 considered 32:16 considering 16:20 considers 11:13 consistent 6:5 30:10 35:21 36:19,21 39:3 consisting 42:6 consists 4:24 15:20 Consolidated 31:8 constrained 38:14 consultation 22:23 consumers 29:4 consumption 7:12 9:16 consumptions 38:11 contemplated 22:5 context 18:4</p>
--	--

contingency 9:5 20:3
continuation 34:19
continue 8:17 10:18 17:3 34:22
 34:25 37:11,12,24 39:12
continued 14:15 18:23 27:17
continues 10:12,19 15:15
contractor 16:7
contracts 15:20,21,23,24 16:2
contributes 26:23
contribution 7:17
control 7:7 17:17
copper 24:20 25:16 27:15
core 28:15
Corresponding 7:15
cost 19:6 24:10 25:21 30:22,25
 31:12,22
costs 15:10,25 16:6 31:3 38:18
Council 11:7,17 12:6
counsel 2:24
course 4:17
COVID 6:18 16:21 27:8
COVID-19 6:20 7:6
creating 38:12
criteria 9:12 38:10
cumulative 9:18
curb 12:7
current 24:19 33:20 34:2,15
currently 12:11 28:10
curtailments 12:20
cushion 12:4
customer 5:8 13:4 18:7 23:17
 25:6
customers 7:10 12:9 13:15,23
 18:13,17 19:7 23:16 27:16
customers' 4:23

D

D. E. R 32:25
D. G 33:5
Darmetko 3:20 13:7,9
data 5:17
day 42:10
days 12:14 23:4 31:24
deactivation 9:9,10
Deborah 21:15
decarbonization 39:6
decarbonized 19:18
December 14:3 28:4
declaratory 34:4
decline 10:19 15:7

declining 15:8
decrease 8:3,4 18:18
deep 21:4
delay 32:17
delivering 30:17
demand 4:11,25 6:2,8,17,22 7:4
 7:10,23 8:9,19 11:2,10,19,21
 12:13,19 17:8
demands 5:8,21 7:18 12:8
demonstrate 28:14
denial 41:9
density 38:13
deny 31:18
denying 36:16
department 4:18 22:8
department's 2:21
Depending 18:13
deploy 28:13
deployment 24:17
descriptions 24:3
deserves 30:13
detailed 23:11
developed 6:25 11:12
device 21:22
Diane 1:12 3:6
differences 6:21
difficult 27:7
Digital 24:15
director 3:21 21:15
discriminating 36:15 39:18
discuss 5:5 13:5,19
discussed 15:12 17:24
discussion 3:17 21:12
dissenting 41:2
distancing 2:13
distributed 7:18,21 9:7,22
distribution 4:7 5:19
doing 33:10 36:4,18 37:6 39:19
 39:19,19
download 24:18
draft 21:23 26:16,24 32:12
driven 15:10 17:22
driver 7:11
drop 14:20
due 9:16 15:3,11,14 17:7,15
 18:2 32:6,16
duration 36:17

E

earlier 9:15

<p> early 6:25 echo 20:25 econometric 6:15 economic 6:20 17:7 31:2 Edison 31:8 Edwards 1:14 3:12,13 20:23,24 21:8 29:7,8,23,24 40:2,3,15 40:16 effective 26:17 effectively 32:4 effects 6:13 7:22 efficiency 7:17,19 9:17,19 10:13,17 38:18 effort 20:17 28:24 29:5 efforts 14:3 either 26:13 electric 3:18,23 4:4,5,6,10,14 4:16,20 5:19,21 6:18 7:10 8:15 10:24 13:2,10,14,17 14:2 14:6,21 15:18 27:12 38:7 electrical 19:15 electricity 3:22 7:11 11:2 elements 15:18 eliminate 38:3 eliminating 38:10 embedded 6:16 emergency 2:16 12:18,19,22 25:7 emission's 10:18 11:5 emissions 10:11,15 38:10 emphasize 19:11 employees 29:12 encompass 25:14 energy 6:14,19,23 7:7,13,17,19 8:17 9:16,17,18,20,20 10:6,13 10:13,17,20,25 11:5 12:7,20 13:18 15:8 16:9,14,22 17:3 20:8,19 35:2,2,18 36:10 38:13 38:18 39:4,11 enforcement 25:12 engage 14:10 engaging 34:12 engineer 3:20 engineering 4:3 enhance 23:8 enhancements 22:25 24:5,6,6 enrolled 12:12 ensure 10:10 11:10 37:3 Entergy 8:22 Entergy's 9:8 entirety 40:8 </p>	<p> entities 22:22 23:19 environment 19:6,18 environmental 39:12 equates 12:2 equipment 5:7,15 25:15 28:25 erroneous 36:10 37:19 ESCOs 34:9 especially 7:13 29:10 essential 22:22 23:6,19 24:4,24 25:18 essentially 30:24 32:9 34:21 establishes 11:7 estimate 23:22 estimated 7:7 12:11 evaluate 28:16 evaluating 34:15 events 5:16 25:7,9 examine 38:24 exceed 10:14 26:10 executive 2:14 3:2 exemption 35:10,14,19,22 36:15 36:20 37:3,10,17 38:4 39:2,16 exemptions 34:20,22,23,25 35:7 35:10,14,23 37:4,12,15,24 39:14 existing 10:4 20:6 34:3,21 35:23 expanding 28:10 expansion 24:11,11 26:23 28:12 28:17 expectation 16:24 expected 6:25 7:4,8,25 10:4 13:22 16:9,14,16,19,22 18:9 18:16,21 19:4 22:17 expecting 20:6 expenditures 23:7,23,25 24:3 26:5 experience 18:19 experienced 14:18 15:2 23:16 explained 28:7 37:11 explanation 30:13 explicit 32:12 extend 35:9 37:13 39:16 extended 35:11,15 39:14 extending 37:2,15 extension 35:19,22 36:15,17 39:2 extensions 36:20 extensive 11:12 extent 34:8 </p>
--	--

F	
F.T.T.P 28:17	formal 9:9
facilitate 12:13	forward 3:19,25 4:3 19:17 27:22 28:19 34:5 39:7
facilities 8:7 25:25 28:11	found 2:25
Facility 9:2	four 24:2 38:16
fact 28:15 35:17 39:9	frame 33:25
factors 17:16 34:8	frankly 37:18
fail 32:8	Frontier 21:13,24 22:2,4,10,11 22:12,13,16,20 23:3,6,10,11 23:12,21 24:7,14,23 25:2,13 25:23 26:2,6,10,15,20,25 27:6 27:6,16 28:6,9,13 29:16
failing 39:15	Frontier's 24:2 25:5 26:4
failure 34:16 35:9	fuel 15:25 16:6,25 38:7
falling 14:22	full 13:15,22 15:9 18:6,17
far 31:14	fuller 37:25
fast 24:18	fully 34:10
favor 21:5 29:15 30:12 39:14 40:7,25 41:8	Fund 24:16
February 8:21 14:22 15:13	fundamentally 36:13
Federal 24:15	funded 24:12
federation 20:10	funding 24:13
feel 35:8,16,20	further 12:4,7,12,17 28:16 30:11 40:19,21
FERC 31:22	futures 13:18,19 16:10,11 17:7
fiber 24:4,7,8,17 25:16 26:23 27:18 28:10,12,13,15	
file 23:4 26:15 31:22	G
filed 21:25 23:10 31:7	G 16:13 17:14,21
filing 22:6,20 23:3 32:2,6	gas 3:22 4:5 13:10 16:7 38:10 38:21,22
final 2:7,9	gatherings 2:14
finally 13:21	general 2:24
financial 15:22 22:17	generating 8:2,4,7
find 5:11,18 8:16 10:24	generation 7:18,21 8:8,8 9:7,21 9:24 10:4,9 15:25 16:6 17:23 20:7 38:16
firm 8:10	generator 9:9,10 16:25
First 3:16 8:16 30:8	generators 25:15
Five 38:18	generic 33:2
fixed 15:20,21,22,25 18:25	getting 35:11
flag 28:3 32:24	gigabytes 24:19
flat 6:11	gigawatt 6:24 9:21
flattening 6:12	give 19:14
flawed 36:13	given 12:25 26:14
focus 22:18 23:14	gives 20:18
focuses 4:16	Gjonaj 3:22
folks 31:17,19	gladly 27:2
followed 15:4,8 16:4	go 21:11 27:21 28:19 39:7
following 8:19 9:8 11:3 14:19 17:16 22:17 38:19	goals 11:5
forecast 4:11,25 5:23,25 6:3,5 6:7,9,11,14,17,25 7:9,16,19 11:2,10,19,21 12:3	going 16:19,21 20:19 21:3 32:24 35:19 36:3 37:12,14 38:8
forecasted 5:20 8:18 9:14	
foregoing 42:3,6	
foremost 8:16	

39:13 41:6	
good 2:3 3:13,25 13:8,8 14:15	
19:6 20:21 21:9,22	
grant 31:18 32:8 35:14,19 36:17	
granted 35:22	
graph 7:16 13:25	
great 3:15 21:10 29:3 35:20	
40:11,17	
green 16:15	
greenhouse 38:10	
grid 10:24 38:13	
growth 6:12,15 10:19	
guidance 34:12	
guidelines 2:13	
<hr/> H <hr/>	<hr/> I <hr/>
hand 5:15	I.R.M 11:8
handicap 39:13	I.S.O 4:25 5:18 6:2 14:4 15:11
handicapping 39:7	16:13 19:24 30:23 31:20,21
HANNAH 42:3,13	32:6,18
happen 32:3	I.S.O.'s 32:19
happening 34:9	ICE 16:10
happy 19:8	identified 22:23 23:18 25:13
hard 28:2,19 41:17	26:2
heard 32:10	identifying 11:8
hearing 42:8	impact 8:15 13:22
heat 35:7	impacts 6:17 7:17,20,20 9:18
hedge 18:25	implement 23:14
hedging 14:11	implementation 26:17
help 7:23 12:7 25:6	importance 27:9
helpful 19:24 36:9	important 31:19 32:21 33:15
hereof 42:5	34:6,10 37:5
hereto 42:5	importantly 36:22
hereunto 42:9	imports 8:10 10:6 20:8
high 4:18 14:25	improve 24:20 25:5,19
higher 16:23,25 17:14 18:9,15	improved 22:17 23:17 24:24
19:5	improvements 22:18,21 26:22
highest 14:17 19:20	inappropriately 38:4
highlighting 20:5	incentive 26:11
historical 5:25	include 12:18 24:4 38:8
historically 17:3 19:12 33:7	includes 15:23 23:21 24:2 26:11
hottest 12:14	including 9:22 17:23 32:18
hours 6:24 9:21	increase 7:12 15:8 17:4,17,25
Howard 1:11 2:3,4,10 3:8,11,15	increased 38:18
4:2 13:8 19:10 20:14,22 21:6	increases 18:20
21:10,23 27:4 28:21 29:6,9,14	incredible 27:9
29:19,22,25 39:21,25 40:5,11	incremental 22:21 23:7 26:5
40:14,17 41:15	indefinitely 34:24
Hudson 16:12	independent 38:12
hydrogen 38:21	index 16:6
	indexed 16:7
	Indian 8:5,14,19,22,23 9:3,5,13
	9:25 10:3,7 11:3 17:24 21:2
	indicated 40:23
	indicates 7:6
	individuals 5:18
	industrial 12:20
	influence 32:17
	influenced 11:15
	information 12:25
	informational 21:7
	initiatives 9:19
	inspections 5:13
	Install 8:2

installed 8:8 11:8,11,18,20,22
 12:3 17:18
installing 25:15
intended 24:3 25:17
interim 2:4
internal 22:5,16
interruptions 20:4
interviews 5:5,10
inventories 5:7
invest 22:20
investigated 37:4
investment 24:4,7 28:15
investments 23:20 25:5,10 26:6
 26:8
Isaias 25:9
Island 30:17 31:7 34:5
issuance 31:24
issue 31:18 36:23
issued 9:10 26:21 30:19
issues 5:3 12:18 20:6,12 27:6
 31:10 34:8,13 37:14,21,23
issuing 30:15 32:13
item 3:17,17 21:11,12 30:2,11
 32:23 34:18
items 30:5,8 40:24

J

J 16:13 17:14,21
James 1:13 3:8
January 15:5 23:10
jeopardized 11:5
job 14:15 19:19 20:21 29:3
John 1:11 2:4
joint 28:6 37:10
Jonathan 3:19,24 4:2 13:7 17:24
 19:10
Joule 33:18 34:4
June 26:12

K

know 8:21 27:9 32:5

L

L 34:24
LaBelle 21:15
laid 40:10
land 10:21
large 2:14 9:16,22 10:21
largely 19:16
law 2:16 34:23 35:18

lay 28:3 36:5
lead 10:8
leading 7:11
left 37:22
legacy 15:24 24:20 27:15
Leka 3:22
level 11:15 18:25
levels 6:22 7:4,8 17:4
light 2:14
limited 30:15 31:11 32:9 36:17
limiting 39:8
line 2:12 6:3 14:5,7,11 18:10
 18:21 38:17
lined 27:15
lines 14:7
list 38:9
listen 2:21
little 30:18
load 5:23 6:3,4,11,12 7:5 11:13
 12:4,8,10 18:6 31:4 38:19
loads 38:16
locality 17:14
located 18:14
locational 17:19,21
locations 24:9,12,14 28:14
long 9:3 10:16 11:4 20:12 30:17
 31:7 34:5
long-term 34:12
look 4:21 5:23 20:2,11 25:24
 33:11 35:24 36:14 37:9 39:10
looking 6:10 28:18 36:5 38:5
loss 25:2
losses 38:17
lost 9:24
low 16:20 17:4 19:5
lower 6:2 7:23 17:13 18:11,15

M

maintain 11:16 25:6
maintained 18:25
maintaining 27:11
maintains 19:20
maintenance 23:15,21
major 5:12
majority 15:21
making 32:9
managing 21:16
March 30:18,21 31:11
margin 11:8,11,18,20 12:5 17:18
market 13:22 14:4,9,16,21 15:7

15:9 16:4,9,14,16,17 17:4
18:5,7,24
mass 18:7
matter 3:18 32:25
matters 35:12
means 17:19
measurable 6:21
measured 14:12
measures 23:5,12
meet 2:25 4:15,22 5:8,15,20
8:18 9:12,12 11:2 13:3 26:10
27:22 28:25 39:11
meeting 1:1,2 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
29:11 30:1 31:1 32:1 33:1
34:1 35:1 36:1 37:1 38:1 39:1
40:1 41:1,16 42:1
meetings 2:16 5:17
meets 26:20
megawatt 11:20
megawatts 6:8,10 7:23 8:3,3,11
9:6,7 10:23 11:23,25,25 12:11
12:22
mentioned 11:23
met 8:6
meter 38:20
methodology 30:22 31:13,22
metric 26:9,10,14
metrics 23:18
Michael 21:14
midday 7:14
migrations 25:16
Mike 21:17,19 27:4
mild 15:3
million 22:21 23:7,22,24,24
24:10 25:3,21 26:3,7
minimizing 2:14
minimum 11:21,25 26:7
misguided 35:16
Mitchell 3:21
mitigate 12:17 19:3
mitigation 14:3
mix 10:9 17:23 20:10
models 11:14
modification 33:3
monitoring 26:17
month 14:12 18:24

month-to- 18:23
Monthly 1:1,2 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
moot 32:5,9
morning 2:3 3:14,25 13:8,8
21:23
motions 31:6
move 4:12 19:17 24:19 30:3 34:4
40:5
mute 2:18 21:20,22

N

name 3:6 4:2 13:9 42:10
narrowly 39:8
natural 16:7 38:22
nature 15:22
near 7:4 10:2 14:24
nearly 10:20,23
need 4:23 25:25 27:17 30:17
31:24 36:4 37:2,4
needed 11:15 12:23 26:22
needing 33:10
needs 13:4 32:19
neighbors 10:6 20:9
net 8:10
network 21:14 23:8 24:8,20,24
28:11
new 4:16,22,25 5:18 6:2 7:6
8:11 9:19 10:9,12,12,19 11:4
11:6,17 12:5 13:3 14:4 15:11
16:11,12,12 17:12,17,19,25
18:17 19:14 22:12,14 24:12,13
24:13 26:8,24 27:16 28:11,14
28:15 30:23 31:20 32:6 42:2
newer 15:23
news 19:6
normal 4:17 15:14 16:24
notable 9:16
note 2:11 17:2,6 32:12 33:5,15
33:22
noted 6:16 9:15 20:20
notes 25:17
notice 9:10
Nuclear 8:25

number 23:15 31:17
numbers 41:4
numerous 33:23
NYISO 4:21 9:10 12:15,21
NYISO's 6:7 7:5,8
NYPA 16:2

O

objectives 23:13 39:12
obligated 26:15
obligation 19:19
obligations 29:11
observed 7:9
observing 7:12
occur 19:4 20:4
occurred 14:22 15:4,13
October 22:2 26:21 28:5 29:2
offer 24:17 33:17,19 38:7
office 3:21 4:5 13:10 21:15
 22:22 23:19 24:4,22
offices 23:6 24:24 25:4,18,18
officially 8:24
offset 9:24
offshore 10:21 30:17
Oh 21:8
okay 21:8 41:10,14
older 15:24
Once 20:16 28:23
ones 22:24 40:10
ongoing 6:18 35:24
online 10:12
open 2:15 31:20
operate 10:5 20:7 38:12,21
operating 4:15,19 5:9,14 12:16
 12:18,22
operational 18:2
operations 8:16,24 11:11
opportunities 28:16
opportunity 2:20 24:16 32:10
 35:20
opt- 33:19
opt-out 33:16,24 34:2,5
Orange 31:8
order 2:6 10:2 21:24 22:2 23:25
 26:16,21,24 27:23 28:3,5,9
 29:2 30:16,19,21 31:5,12,25
 32:4,12 33:6,12 34:19,20
 35:22 36:21 37:8
orders 2:15 3:2
Ossias 21:16

outages 25:8
outcome 32:18
outlined 27:23 29:16
outlook 13:6
outside 24:6 25:22,25
overall 7:7,11 10:24 13:24
oversimplification 36:9 37:17
overview 13:16
overwhelming 36:25
owning 33:24

P

page 2:22 41:5 42:5
pages 42:6
pandemic 6:18,21 27:9
paper 33:3
part 4:17 9:17 24:9 35:5,6 41:2
 41:2,8,9,9,13,13
participating 2:18
particular 22:10 27:21 29:10
parts 18:19
patterns 6:22
Paul 3:20 13:5,9
pay 30:24
paying 29:9
peak 4:15,19 5:25 6:3,4,8,9,11
 6:12 7:3,18,23 11:10,19,21
 12:3,4,7,13
peaking 15:11
pending 36:24
perform 15:15 18:23
performance 23:18 26:9 27:22
performed 13:13
period 5:9 14:12 16:20 20:20
 23:8 25:22
periods 24:25
perspective 32:7
petition 22:3,15,20 23:2 28:6
 32:5,10,25
petitions 31:6,9,16,19 32:14
 33:23
Phillips 2:6,8 40:18,20 41:10
 41:14
phone 2:18,19
physical 15:23
piece 21:2
place 10:18 12:17 42:4
plan 9:5 21:13,24 22:5 23:4,11
 23:13,23 24:2,9 25:22 26:6,9
 26:13,15,20,25 28:13,23 29:16

planned 5:6,12 8:19,25 9:4 11:3
 20:4
planning 30:20
plans 20:3 24:7 25:23
plant 24:6 25:22,25
please 2:18 3:5,24 4:9 5:22
 7:15,24 11:6 13:25 15:17 16:8
 17:9 18:3 21:18
point 8:6,14,20,22,24 9:3,5,13
 9:25 10:3,8 11:3 14:11,17
 16:21 17:24 18:16 21:2
polar 14:19
policies 10:9 39:6
policy 30:16,20 31:23 35:12,18
 36:10 39:4
pollutants 38:11
portfolio 13:17 14:8,16 15:15
 15:19,20,23 16:3
portfolios 14:6
portion 12:24 13:12 15:22 19:7
 30:15
portions 31:3
position 28:8
positive 6:13
possible 19:21 27:18
potential 25:11 32:20 39:5
power 10:10,23 24:5,23 25:2,8
 31:7 35:8 38:12,16,19
practically 6:11
practice 2:23
precedent 36:3,8,12
predominantly 16:4
premise 24:8
preparations 3:19
prepared 4:22 5:20 13:3 19:15
preparedness 4:8,11,15 5:3 25:5
prescribed 30:21 31:23
present 7:24
presentation 12:25 13:12 19:8
 19:14 27:2
presented 3:19 13:2 19:25 21:14
previous 7:16 22:7
previously 11:23 17:24
price 13:14,20,22,24 14:2,4,16
 14:22,24 15:4,7,9,13,20,21
 16:16 18:8,8,24,25 19:3
prices 14:21 15:3,8 16:9,14,17
 16:18,20,22,25 17:3,6,11,12
 17:14 18:5,12,15,18,21 19:4
 19:16

pricing 13:6
primarily 6:13 8:4 15:10 16:7
 17:22 37:10
primary 19:13
principle 30:24
prior 5:13 14:25 30:15
priority 4:19
proactive 23:15,21
proactively 25:24
procedural 32:7,8
procedures 12:16,18,23
proceeding 38:5 41:20
proceedings 35:12,25 36:19,24
 42:7
process 11:12 28:10 32:18 33:15
profile 10:18
program 23:14 24:13 33:18 34:3
programs 6:14 7:22 9:17 12:9,12
 12:19 33:19,24
progressed 7:3
project 24:2 30:25 33:17
projected 4:25 6:2 7:22 8:9
 13:5 17:4
projects 6:7 10:22 12:21 23:5
 23:12,24 25:14,20 26:3 28:12
 28:12 33:5
proposed 26:19
provide 13:16,21 18:4 24:7,24
provided 22:9
provides 8:11
providing 12:4,10 13:12 38:19
provisions 2:15 26:11
public 1:3 2:4,5,20 30:16,19
 31:23 34:23
publically 33:7
purchase 8:10
purchased 14:9
purchases 12:21 16:4
purely 37:17
purposes 30:21
put 10:17

Q

quality 22:9,19,24 23:8 24:21
 25:19 26:22 28:18 34:17
quarter 26:12,14
questions 3:24 19:9 21:17 27:3
quickly 27:18

R

<p> raised 22:8 37:9 ramifications 34:11 rapid 10:19 rate 6:12 23:17 34:20,22 35:12 35:25 36:18 rates 6:15 13:11 ratio 31:4 rational 36:4 39:18 read 37:7,7 real 37:2 really 27:5 29:9 34:6,10 36:4 reason 36:11 37:16 reasons 36:5 recall 22:7 received 31:5,14,15 32:15,16 33:22,25 receiving 30:25 recognize 28:9 recommendation 29:15 recommendations 30:2 33:2 record 2:2,22 30:10 36:6,7 37:25 39:17 41:19 42:7 recuse 30:4 red 7:20 14:5 16:17 reduce 25:17 reduced 7:11 9:19 28:17 34:17 reducing 7:18 13:14 14:15 18:23 23:15 38:9,11,17 reduction 7:9 reductions 9:16 12:10,13,20 regard 24:7,22 25:12 26:9 regarding 22:9 regards 17:13 region 9:8 regions 10:11 regular 3:16 rehearing 31:6,9,16,19 32:6 reinforcements 5:6,12 related 28:5 34:23,25 35:7 relates 21:13 31:12 relatively 15:3 16:5,19 reliability 3:23 4:4,17 9:12 11:7,16,17 12:6,17 19:13,20 20:3 21:15 23:9 24:25 27:11 36:10 reliable 11:10 20:19 27:10 reliably 5:8,20 8:18 9:12 11:2 13:3 reliance 35:17 37:18,19 relief 12:9 31:2 </p>	<p> remain 19:16 27:11,20 remaining 31:3 remains 6:11 10:10 19:5 remedial 26:15 remind 2:17 reminds 27:14 remote 24:5 25:13,14,16,18 remotely 2:17 render 32:4 renew 35:7 renewable 9:23 10:12,20 11:4 35:2 38:21 renewables 10:15 repair 23:18 25:25 26:3 repairs 5:13 repeat 41:4,6 replace 24:23 25:3 replacement 26:2 report 20:18 23:17 25:25 reported 16:14 42:4 Reporter 42:13 reporting 26:16 reports 22:8 represent 7:19,20 represents 14:11,17 request 34:4 requested 22:4 31:11 requesting 33:23 requests 33:25 require 31:21 required 10:5 12:2,5 20:7 23:3 23:25 requirement 11:21,22 requirements 2:25 17:20,21 25:11 26:16,20 29:2 30:20 requires 26:10 reserve 11:8,11,18,20 17:18 reserves 12:3 residential 7:13 13:15,16,23 14:6 15:9,18 18:7,17 resiliency 24:25 resilient 38:12 resolution 35:11 resolved 37:13 resource 5:2 7:25 10:9 11:13 20:10 resources 5:24 8:10,12 9:22,23 10:5,13,17 20:7 respect 40:23 respectively 16:13 </p>
--	--

respond 28:7
response 7:5 8:9 12:19 31:16
responses 5:4
responsibility 19:13
restorals 29:11
restructuring 22:3,5,16,18
result 14:18,20 15:7 26:6
resulted 9:6
resulting 25:8,11
results 11:20 14:2 20:16
retired 8:22
retirement 8:5,14,19,25 9:3
 10:3,7 11:3 17:23
returned 7:4
review 4:14,16,24 5:16
reviewed 2:24
reviews 5:4
right 21:9
rise 15:2
Roaring 8:7
Rochester 22:11
Rockland 31:8
role 19:19
roll 3:4
Rowley 21:14,21
rules 33:4,13
ruling 34:4
run 14:20 15:6
Rural 24:15

S

S 1:13
safety 3:23 4:4
saying 37:16
says 24:16
scale 9:22 10:21 38:20
season 4:23 5:14
second 21:11 24:19
Secretary 2:6,8 40:18,20 41:10
 41:14
section 4:4 13:11
sector 10:10
see 10:18,19 14:14 15:15 17:12
 18:8,18 20:16 38:9
seeing 9:15 28:23
seeking 28:14 32:17 34:4
seeks 33:12
seen 6:5 25:8
selection 32:20
sense 20:18 32:7 35:13 36:6

39:4
separate 31:6
serve 12:4
served 18:14
service 1:3 2:4,6 13:15,23 15:9
 18:7,17 22:9,19,24 23:8 24:21
 25:19 26:22 27:10 28:24 34:23
services 24:18,19 25:7
session 2:5,12,17,21,23 21:7
set 11:18
sets 26:16
seven 38:9,19,20
share 31:4
shared 38:24
shift 7:5
shifting 15:10
short 20:12
short- 34:12
show 14:7
shown 15:19 17:5
shows 5:24 6:3 7:16 13:25 15:17
 16:8 17:9 18:5
sic 19:11
signal 28:17 34:17
significant 20:17 28:24
significantly 9:24
similar 6:9
simply 14:7
sitting 38:13
Six 38:18
slide 4:9,12 5:22 7:15,24 11:6
 13:25 15:17 16:8 17:5,9,9
 18:3,3
small 15:24 16:5
social 2:13
solar 10:21
solicitation 32:19
solution 32:20
sorry 21:21
sound 28:18 34:17
space 38:14
spare 5:6,14
SPEAKER 21:19
speaking 2:19
special 8:9
specialist 3:20 4:3
specific 23:5,11 28:7 37:21
specifically 20:11
speeds 24:18
spend 25:2 26:7

spike 14:22,24 15:4,13
spikes 19:3
spring 4:13
stable 15:3 19:17
staff 4:13 5:2 13:2 20:2,21
 22:23 27:5,19 29:3 33:3 41:17
staff's 5:16 28:19
stakeholders 28:20
standardize 33:4
standards 19:20 27:22
standby 34:20,21 35:12,25 36:18
start 5:13 21:22
started 2:11
state 6:19,23 8:17 10:11,22
 11:7,17 12:5 17:14 18:14,19
 19:5 28:16 35:18 36:10 39:3
 42:2
state's 4:6 5:19 6:14 9:17,18
 10:8 11:4 20:10
stated 14:7 42:5
statement 5:25
statewide 6:8 7:3 9:20 10:14
 15:9,15 18:10 19:2 31:4 34:11
stating 37:2
stay 30:15 31:11 32:3,9,13
steadily 7:4 14:21
stemming 6:20
storage 35:2
storm 25:7,9 29:11
stressed 4:20
strip 17:10,11
strongly 35:9
struck 37:8
study 11:12
submission 9:9
submitted 28:4
subscribed 42:10
subsequent 15:6
subsidiaries 22:10
substance 32:14
substantial 38:8
substantive 31:10,18 37:21
substantively 37:24
success 34:15
sufficient 39:18
summary 13:13,21
summer 3:18 4:7,11,15,19 5:3,8
 5:14,21,24 8:15 12:23 13:4,5
 13:18 15:12,12,19 16:18,20,22
 16:24 17:5,10,11,15 18:9,10

18:16,20 19:2,5,16
summer's 6:4 8:15 12:13 13:18
 13:19 16:9,11,13,15,16
supervisor 3:21 13:10
supplemental 22:19 23:3
supply 4:11 5:2,23 8:17 10:25
 13:14,17 14:2,6 15:19
support 36:7
supported 39:17
supportive 39:6
supports 34:20
sure 19:19 34:14 35:21 37:6
 41:5
surrounding 16:21
survey 5:3
surveys 5:10
suspended 2:15
swings 18:24
switching 25:14
system 3:18 4:7,10,14,16,20 5:6
 5:16 9:11,14,24 10:24 11:10
 11:16 12:8 13:3 17:8 19:15
 20:3,4 27:12
systems 5:19 27:12 38:7

T

take 5:22 27:23 32:12 33:5 38:3
 39:10
talent 20:17
talked 37:21
Tammy 3:21
targets 10:14 26:10,14
tariff 13:11 31:21
team 7:9 27:2
technologies 35:2
technology 27:17
telecom 27:12
telecommunications 21:16 22:12
telephone 22:11 24:20 27:10
temporary 10:8 20:9
ten 6:4
tens 27:15
term 10:2,16 11:4 20:12,12
terminal 24:5
terminals 25:13,16
terms 29:9
thank 2:10 3:15 13:7 19:9,10
 20:12,15,20,22,24 21:5,9,10
 27:4,19 28:20,22 29:6,8,13,22
 29:25 30:7 39:20,21,24,25

40:4,11,16 41:14,16,18
Thanks 19:23 27:25
things 30:22
think 30:13 32:21 36:8,13 38:2
 38:2 39:7,9,16 41:3
thinking 39:17
thoroughness 29:12
thoughtfully 36:23
thousands 27:15
three 4:3 34:21 35:4 38:13
Thursday 1:6
ticket 25:23
tickets 25:18
time 20:20 27:7 32:16 33:15
 37:9,23 42:4
timeliness 23:17
today 2:12 4:5 40:19 41:18
today's 2:17
total 8:11 11:22,23 23:21
totally 36:16,19
totals 8:2
touch 8:13
tower 24:5
TRACEY 1:14
track 10:14
tracks 34:21
Tracy 3:11
Traditionally 36:2
training 25:24 28:25
transcribe 2:22
transcription 42:6
transmission 4:7 5:19 8:18 9:6
 10:25 11:14 30:16,20 31:21,24
 32:19
Tropical 25:9
trouble 23:17 25:17,23
troubles 23:16
true 39:9 42:7
turn 13:5 19:21 27:24
Turning 23:20
twenty-four 38:19
two 22:7 23:16 31:5 34:24 35:3
 38:11
typewritten 42:6
typical 6:23

U

unaddressed 37:22
uncertainty 16:21
underlying 6:14

underscore 35:5
understand 31:20 34:11
understanding 32:2
unexpected 19:3
unforeseen 5:15 12:17
UNIDENTIFIED 21:19
Unit 8:6,14,22,24
units 9:13 10:4 11:4
unplanned 20:5
unresolved 25:12
upcoming 4:23 5:24
update 7:5 29:13
updated 11:13
upgrade 27:17
upgrades 9:6 28:25
upgrading 25:14
Upstate 13:11
usage 6:19,23 7:7,13 9:20
use 25:23
utilities 4:21 5:4,11 12:8,16
 13:13,16 14:2,6,8,15 15:25
 16:5 18:22 31:9 37:10
utility 3:19,20 4:3,14 5:5,17
 13:10 18:14 38:20

V

Valley 16:12 22:13
value 32:25
variable 16:6
variation 14:13
vary 17:6
VDER 35:12
versus 14:10 36:16
views 19:12
vigilance 27:8
vigilant 27:11,21
volatilities 14:5
volatility 13:14 14:3,5,8,12,16
 14:18,20 15:2,7
voltage 12:19
voluntary 12:20
vortex 14:19
vote 21:7 29:15,15,17,20,21,23
 29:24 32:22 40:6,22 41:8,9,9
votes 41:6
voting 21:5 30:5,10,12 35:6
 39:13,15 40:6,9,13 41:7

W

want 19:11 20:25 30:12 32:11

40:21	zones 16:13
wanted 28:2 32:22	
warranted 22:24	<hr/> 0 <hr/>
water 3:22 4:5 38:11	
Water's 13:11	<hr/> 1 <hr/>
we'll 20:19	1 7:8 42:5,6
we're 32:13 33:2,10 35:19 36:3	1,100 10:23
36:4,18 39:7,19 41:5	1,200 12:11
We've 33:25	1.36 25:3
weather 15:3,5,14 17:7	1.37 26:3
webcast 2:21	10 6:10 10:11
WEBEX 1:4	10:30 1:7 2:2
week 20:2	100 9:7 10:20
weekend 15:11	11 22:6
weighed 33:19	11,000 10:23
weighs 34:7	11:22 1:7 41:19
weighted 18:6	118.9 17:18
Western 16:12	12 14:12
WHEREOF 42:9	12,000 24:13
white 33:3	12.5 23:22
wind 8:7 10:21,22 30:17	13 1:6
winter 14:19,25 15:14	14th 23:10
wish 30:4	16th 22:2 26:21
WITNESS 42:9	17th 42:10
work 27:5 28:2,19 33:25 41:18	19 30:18
worth 8:12	190 25:13
wouldn't 34:14	<hr/> 2 <hr/>
wrong 41:4	2 8:23
<hr/> X <hr/>	2% 7:8
X 1:12	2,047 11:25
<hr/> Y <hr/>	2.6 6:25
year 6:23 7:3,21 11:6 13:20	20-21 3:18
17:13 23:8 25:21	20-C-0267 21:12
year's 6:9 16:23 17:10	20.7 11:19,19 12:5
years 6:4,6,10 13:24 15:2 18:6	2004 9:19
18:11 35:3	2008 14:3
York 4:16,22,25 5:18 6:2 7:6	2013 9:4
8:11 10:12,19 11:4,7,17 12:5	2014 14:19 18:12
14:4 15:11 16:11,12,12 17:12	2015 14:23
17:17,19 18:2,17 22:12,14	2017 9:8
24:13,14 26:8,24 27:16 28:11	2018 15:5
28:14,15 30:23 31:20 32:6	2019 15:12 35:21 36:21 37:3,7
42:2	2020 6:3,19,21 7:2 8:3,22 9:18
York's 9:20 10:9 13:4	22:2,4 26:8,21 28:4,5 29:3
Yorker's 19:14	2021 1:6 4:8 5:20 6:8 7:25 8:12
<hr/> Z <hr/>	8:23 11:18,24 12:4,12 13:4
zero 10:15,16	23:10 30:18,21 31:12 42:10
	2022 11:18
	2023 24:10 25:3 26:8,12

<p>2030 10:15 2031 7:21 2040 10:15 21 8:2 11:24 21-E-0139 3:17 220.7 17:18 24 22:22 23:6,18 25% 31:3 26,000 9:21 260 41:4 265 30:9 40:24 41:7 268 30:9 40:24 41:7 27% 12:3</p> <hr/> <p style="text-align: center;">3</p> <hr/> <p>3 8:6,14,24 10:8 17:24 23:7 25:21 3% 18:9 3,000 12:22 3.3 25:21 3.5 23:24 30,000 24:12 301 3:17 30th 8:22,23 26:12 32,296 6:9 32,327 6:8 37,785 8:2 370 30:11 40:25 41:7 373 32:23 40:25 41:7,12 377 34:18 41:8,13 39,019 11:23</p> <hr/> <p style="text-align: center;">4</p> <hr/> <p>4,100 6:24 41 42:7 41,066 8:11 11:24</p> <hr/> <p style="text-align: center;">5</p> <hr/> <p>5-13-2021 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 50,000 28:13 501 21:12 58% 15:19 18:25</p>	<hr/> <p style="text-align: center;">6</p> <hr/> <p>6,000 7:23 6,692 11:20 6.4 24:10 60 31:24 600 9:6 66- 34:23 66-J 34:23 690 8:3</p> <hr/> <p style="text-align: center;">7</p> <hr/> <p>70 10:14 70% 10:14 75% 30:24</p> <hr/> <p style="text-align: center;">8</p> <hr/> <p>8 26:7 8,000 24:8 80.3 17:20 83.24 26:7 86.6 17:20 87.6 17:22</p> <hr/> <p style="text-align: center;">9</p> <hr/> <p>9 22:21 23:6,24 90 23:4 90% 17:22</p>
--	---