

May 6, 2020

VIA ELECTRONIC MAIL

Luly E. Massaro, Division Clerk
Rhode Island Division of Public Utilities and Carriers
89 Jefferson Boulevard
Warwick, RI 02888

RE: Docket D-11-94 - Review of Preparedness and Restoration Efforts by the State's Electric Utility Companies Related to Tropical Storm Irene February 7-8, 2020 Storm Summary Report

Dear Ms. Massaro:

In accordance with Order No. 20814 (November 20, 2012) in Docket D-11-94, I have enclosed an electronic version¹ of National Grid's² summary report on the planning and restoration activities associated with the February 7-8, 2020 storm event. Order No. 20814 directs National Grid to file a final written report with the Division within 90 days following major storm events. The Company is providing Appendices C, D, and E to the storm summary report in Excel format.

The February 7-8, 2020 storm event likely will qualify for inclusion in the Company's Storm Contingency Fund. Accordingly, the Company is filing this storm summary report simultaneously with the Rhode Island Public Utilities Commission in Docket No. 2509.

Thank you for your attention to this transmittal. If you have any questions, please contact me at 508-330-8602.

Very truly yours,



Celia B. O'Brien

Enclosures

cc: Linda George, Division
John Bell, Division
Greg Booth, Division
John Spirito, Esq.
Christy Hetherington, Esq.
Leo Wold, Esq.

¹ Per practice during the COVID-19 emergency period, the Company is providing a PDF version of the storm report referenced above. The Company will provide the Division with one hard copy and, if needed, additional hard copies of this report at a later date.

² The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

National Grid

The Narragansett Electric Company

**Report on
February 7-8, 2020 Event,
Damage Assessment and
Service Restoration**

May 6, 2020

Docket No. 2509

Submitted to:
Rhode Island Public Utilities Commission

Submitted by:

nationalgrid

Table of Contents

I. EXECUTIVE SUMMARY	1
II. INCIDENT ANTICIPATION.....	2
A. Determination of Incident Classification	2
B. Activation of Incident Command System (ICS).....	2
III. THE STORM AND ITS IMPACT	3
A. Forecast.....	3
B. Impact	4
IV. RESTORATION.....	8
A. Timing and Priority of Service	8
B. Restoration Coordination.....	8
C. Personnel Resources	9
V. COMMUNICATIONS DURING AND AFTER THE EVENT.....	10
A. Communication Regarding Estimated Times of Restoration.....	10
B. Intra-Company.....	10
C. Public Officials	10
D. Customers	11
E. Media.....	13
VI. TECHNOLOGY ISSUES.....	13
VII. CONCLUSION	13

**REPORT ON BEHALF OF
THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID
ON THE FEBRUARY 7-8, 2020 STORM DAMAGE ASSESSMENT AND SERVICE
RESTORATION EFFORTS**

I. EXECUTIVE SUMMARY

The Narragansett Electric Company d/b/a National Grid (the Company) presents the following report on the planning and restoration activities associated with the February 7-8, 2020 Wind Storm (February 7-8, 2020 Storm or the Storm), which impacted Rhode Island and other states in the northeast. For pre-planning purposes, the Company classified the Storm as a National Grid Type 5 emergency event for Rhode Island, meaning that the Company estimated that restoration activities generally would be accomplished within a 4-hour period and the event typically would result in up to two percent of customers interrupted. The Company revised the event type for the Storm to a National Grid Type 4 emergency event for Rhode Island, meaning that the Company estimated that restoration activities generally would be accomplished within a 24-hour period, and the event typically would result in up to seven percent of customers interrupted. The Storm was projected to bring rain changing to snow and hazardous winds, which potentially could cause significant damage to the Company's electric infrastructure. Ultimately, the Storm brought mostly rainfall to Rhode Island and Massachusetts and snow to portions of New York and northern New England. Strong winds were also seen across Rhode Island, Massachusetts, New York, and much of New England. Rhode Island generally received less than half an inch of rain. Maximum wind gusts were in the 50 to 60 mph range. The Storm interrupted power to 58,169 (approximately 42,695 at peak) of the Company's customers. Overall, almost 12 percent of the Company's customers in Rhode Island experienced outages, with 36 of the 38 communities served in Rhode Island impacted.

The Company began preparing for the Storm on Thursday, February 6, closely monitoring the weather forecast as earlier predictions for a wintry mix of precipitation and hazardous wind gusts began to increase in severity. That evening and early the next day, the Company continued to review the weather forecasts and prepare for the possibility that the Storm would impact the Company's electric distribution system in New England. As part of its preparation for the Storm, the Company opened a Branch Storm Room in Providence at approximately 2:00 p.m. on Friday afternoon, February 7. The Company also opened its wires-down room later that same day. The Company conducted its first and only Restoration Stage Briefing Call on Saturday, February 8 at 9:00 a.m. The Company followed its Emergency Response Plan and mobilized employees and contractors for the restoration using a damage forecast based on its experience in previous storms. As part of its preparation efforts, the Company also utilized contractors from outside the Company's service territory to help with restoration. Using its own crews and contractor resources, the Company restored power to 100 percent of its customers impacted in approximately 61 hours from the time of the first customer impacted and in just under 55 hours from the time of peak impact. Power was restored to the final customer impacted by the Storm on February 9, at approximately 12:00 midnight.

The Company is grateful for the support of customers, employees, state and local officials, and public safety officials, who experienced the effects of the February 7-8, 2020 Storm and were an integral part of the Company’s restoration efforts.

II. INCIDENT ANTICIPATION

A. Determination of Incident Classification

As set forth in the Company’s Emergency Response Plan, factors considered in initially establishing or revising the expected incident classification level included the following:

- Expected number of customers without service;
- Expected duration of the restoration event;
- Recommendations of the State Planning Section Chief, Transmission and Distribution Control Centers, and other key staff;
- Current operational situation (such as number of outages, resources, and supplies);
- Current weather conditions;
- Damage appraisals;
- Forecasted weather conditions;
- Restoration priorities;
- Forecasted resource requirements; and
- Forecasted scheduling and pace of restoration work crews.

The New England Incident Commander is primarily responsible for establishing the projected and actual incident classification level for the Storm. See Table 1 below for the February 7-8, 2020 Incident Classification Actions.

Table 1. Incident Classification Actions

<u>Action Performed</u>	<u>Date and Time</u>
New England Incident Commander Named	February 7, 2020; approx. 7:00 a.m.
Initial Event Classification Type - 5	February 7, 2020; approx. 7:00 a.m.
Revised Event Classification Type - 4	February 7, 2020; approx. 4:15 p.m.

B. Activation of Incident Command System

The Company utilizes the Incident Command System (ICS), a component of the National Incident Management System, which is a comprehensive national approach to incident management applicable at all levels of the Company’s Emergency Response Organization (ERO) and addresses the operation of Company Emergency Operation Centers (EOCs). The ERO required to implement the emergency procedures is activated employing a flexible and standardized management structure. Upon declaration of an emergency, the required EOCs are

staffed accordingly. Briefings are conducted with the ERO at the System, State, and Branch Level to maintain situational awareness and relay the specifics of the emergency. See Table 2 below for the February 7-8, 2020 Storm ICS Actions.

Table 2. ICS Actions

<u>Actions Performed</u>	<u>Date and Time</u>
Branch Storm Room opened in Providence	February 7, 2020; 2:00 p.m.
Branch Wires Down Room opened in Providence	February 7, 2020; approx. 6:00 p.m.
First Restoration Stage Briefing Call	February 8, 2020; 9:00 a.m.

See Appendix A for a copy of the briefing minutes.

C. Determination of Crew Needs and Pre-Staging

Given the potential magnitude of the Storm and forecast of precipitation and hazardous winds, the Company secured crews in advance from its contractors of choice to support restoration efforts for all New England as part of its regional preparation for the Storm, consistent with its Emergency Response Plan. The Company also secured other outside contractors later, consistent with its revised Event Type Classification.

See Appendix B for a daily accounting of resource staffing levels from pre-event through complete restoration. Appendix B indicates the number, type, and location of planned resources (in accordance with the Emergency Response Plan designated Event Type), and the number, type, and location of actual resources secured. Appendix B also specifies whether the resources are internal, external contractors, or resources acquired through a mutual assistance agreement.

III. THE STORM AND ITS IMPACT

A. Forecast

The Company monitors the weather forecast obtained from its weather provider, DTN, through detailed emails received three times daily. Throughout the day, the Company also monitors the forecast from various weather websites.

On Tuesday, February 4, the weather forecasts predicted a mixed winter precipitation event for later that week, occurring on Thursday, February 6 and Friday, February 7. Wind was not a concern at this point, and precipitation amounts had a slight chance of being hazardous. Throughout the next day on Wednesday, February 5, forecast peak wind gusts were increased to be in the 35 mph range, with rain expected along coastal Rhode Island and mixed precipitation called for elsewhere. By Thursday morning, February 6, peak wind gusts were now forecast to have a 50 percent chance of reaching 50 mph, with mostly rain predicted across Rhode Island. As the day wore on, possible peak wind gusts increased to 55 mph. Early morning weather

forecasts on February 7 predicted that peak winds gusts would reach up to 60 mph later that day, and some rain was forecast across the state.

B. Impact

The February 7-8, 2020 Storm was a significant weather event that resulted in moderate damage to the Company’s electrical system. The Storm brought some rain and widespread hazardous winds to the Company’s service territory. Much of Rhode Island experienced wind gusts in the 40 to 55 mph range, with some areas seeing 55 to 60 mph gusts. The City of Providence experienced peak gusts of 60 mph. The Towns of Little Compton and Lincoln were affected most heavily with approximately 100 and 76 percent of their customers impacted, respectively, by the event. See Table 3 below for the February 7-8, 2020 Storm Impact.

Table 3. Storm Impact

Total Customers Impacted	58,169
Peak Customers Impacted	42,695
Date and Time of Peak	February 7, 2020; 5:07 p.m.
Date and Time Final Customer Was Restored	February 9, 2020; 11:55 p.m.
Number of Municipalities That Experienced Interruptions	36
Number of Distribution Feeders That Experienced Interruptions	94

Figure 1 below shows the number of customers interrupted and restored, by hour, for the period of February 6-10, 2020.

Figure 1

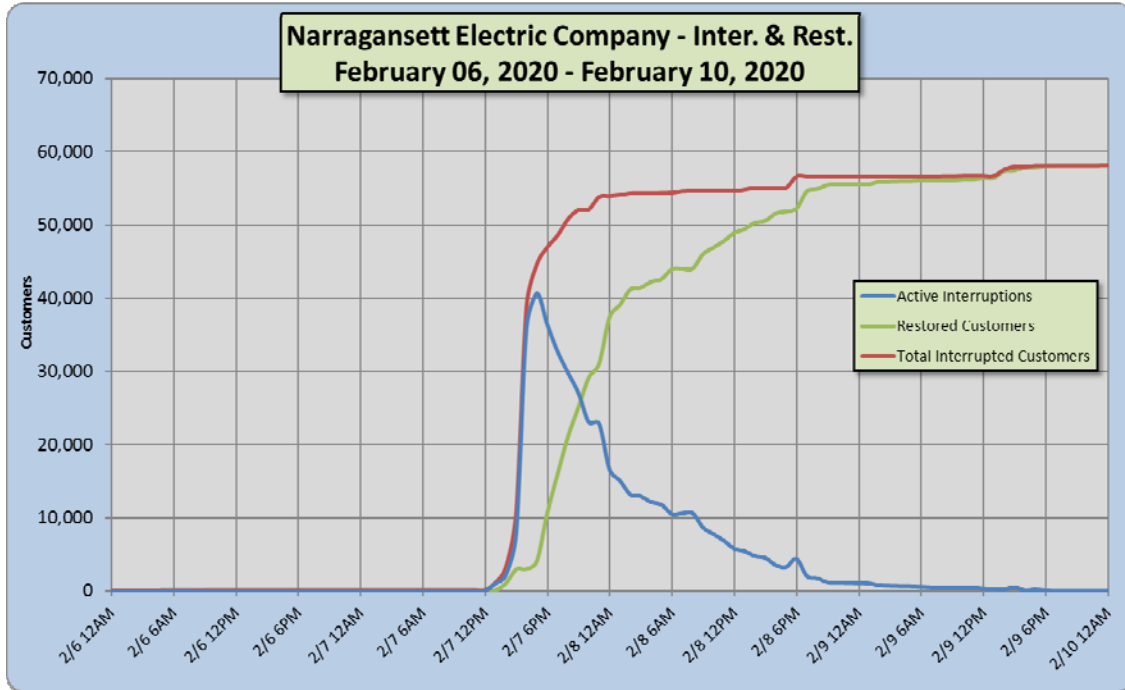


Figure 2 below shows all municipalities that experienced interruptions during the Storm.

Figure 2

Town Name	Customers Served	Total Customers Interrupted	Percent of Total
BARRINGTON	6,876	327	4.76%
BURRILLVILLE	2,633	761	28.90%
CENTRAL FALLS	7,501	1,058	14.10%
CHARLESTOWN	5,808	3,331	57.35%
COVENTRY	14,296	1,368	9.57%
CRANSTON	31,772	4,716	14.84%
CUMBERLAND	15,451	3,131	20.26%
EAST GREENWICH	6,137	2	0.03%
EAST PROVIDENCE	22,268	633	2.84%
EXETER	3,042	307	10.09%
FOSTER	2,034	126	6.19%
GLOCESTER	4,674	407	8.71%
HOPKINTON	3,925	2,522	64.25%
JAMESTOWN	3,343	311	9.30%
JOHNSTON	13,758	1,290	9.38%
LINCOLN	10,253	7,790	75.98%
LITTLE COMPTON	2,588	2,836	100.00%
MIDDLETOWN	8,353	1,643	19.67%
NARRAGANSETT	10,545	564	5.35%
NEWPORT	14,935	2,139	14.32%

Town Name	Customers Served	Total Customers Interrupted	Percent of Total
NORTH KINGSTOWN	13,653	217	1.59%
NORTH PROVIDENCE	16,167	68	0.42%
NORTH SMITHFIELD	5,803	952	16.41%
PAWTUCKET	33,989	6,079	17.89%
PORTSMOUTH	9,217	926	10.05%
PROVIDENCE	73,983	840	1.14%
RICHMOND	3,527	2,168	61.47%
SCITUATE	4,612	396	8.59%
SMITHFIELD	9,032	95	1.05%
SOUTH KINGSTOWN	14,772	3,419	23.15%
TIVERTON	8,266	426	5.15%
WARWICK	40,631	199	0.49%
WEST GREENWICH	2,734	1,240	45.35%
WEST WARWICK	14,242	111	0.78%
WESTERLY	14,488	2,802	19.34%
WOONSOCKET	18,960	1,389	7.33%

The following sections contain additional details and context regarding the Company's Storm restoration efforts.

IV. RESTORATION

A. Timing and Priority of Service

The Company implemented the system of prioritization for restoration found in its Emergency Response Plan, focusing first on public safety and then on customer restoration that maximized restoration when lines were energized. The Company gave priority and consideration to critical facilities and concentrated efforts to restore service to any life support customers the Company was aware of who were impacted by the Storm as quickly as conditions warranted.

See Appendix C for a timeline of the storm progression, including the hour and date that constitutes the start of restoration and the hour and date that constitutes complete restoration. Hourly chronological restoration assessment in this appendix includes number of customers out (in executable format) for the Company's Capital and Coastal regions, the total system, and each feeder affected.

See Appendix D for a summary of number of customer outages at peak and customer outage minutes, by cause, for the Company's Capital and Coastal regions.

See Appendix E for a specific list of all outages, in executable format, that includes detailed information for each outage. Also, included in Appendix E is a listing of all outages caused by tree conditions as well as data regarding asset replacements for this event.

B. Restoration Coordination

The Company dispatched crews to respond to outages from the Branch Storm Room in Providence as soon as it opened (see Table 2 above), through the end of the Storm. Consistent with the Emergency Response Plan, the Company activated Police and Fire Coordinators for the Storm. These employees reported to the Storm Room Leads and were responsible for communicating the estimated times of arrival on all police and fire calls, with a standby condition noted.

The Company also established Staging Sites to support restoration across the state, as shown in Table 4 below.

Table 4. Staging Site

Staging Site Locations
Community College of Rhode Island, Warwick
Twin River Casino, Lincoln

The Company activated four Task Force teams for this event consisting of eight overhead line resources.

C. Personnel Resources

The Company secured 341 internal and external field crews¹ to restore power to customers in Rhode Island, consisting of approximately 202 external crews and 139 internal crews. The internal and external field crew numbers included transmission and distribution overhead line, forestry, substation, and underground personnel.

See Appendix B for a daily accounting of resource staffing levels from pre-storm through complete restoration.

The State Incident Commander for National Grid’s Rhode Island and Massachusetts electric distribution operating companies requested mutual assistance from companies in the North Atlantic Mutual Assistance Group (NAMAG) to support restoration for this event. Resources requested through mutual assistance are based on anticipated needs across National Grid’s service territory in Rhode Island and Massachusetts; total resources received then are allocated across the service territory and may be reallocated as restoration progresses depending on resource needs. In addition, mutual assistance resources allocated to one area may free up local or external contractor crews to be allocated to other areas. See Table 5 below for mutual assistance efforts and resulting resource acquisitions for this event. See Appendix B for mutual assistance resource allocations to the Company for this event.

Table 5. Mutual Assistance Efforts and Acquisitions

<u>Date and time of NAMAG Call</u>	<u>Resources Requested</u>		<u>Resources Acquired</u>	
	<u>Number</u>	<u>Type</u>	<u>Number</u>	<u>Type</u>
February 7, 2020; 5:30 p.m.	200	Overhead Line	40	Overhead Line
February 8, 2020; 8:00 a.m.	160	Overhead Line	64	Overhead Line

D. Safe Work Practices

Safety is always at the forefront of Company operations, including and especially during activities associated with storm restoration. For each storm event, the System and Regional Incident Command System structure designate a lead position for a Safety, Health, and Environment Officer. Safety messages are delivered on all calls to heighten awareness during preparation and restoration.

¹ Crews typically include two or three people, although there may be some one-person crews in damage assessment, wires down, distribution line (troubleshooters), and substation personnel. Transmission crews typically include 6-10 resources.

As with any storm, for the February 7-8, 2020 Storm, the Company assembled a safety team with area responsibilities, established the reporting hierarchy, and prepared and communicated organization charts. The safety team prepared safety notices and delivered them to all Company employees through corporate communications. Safety personnel were deployed to assist in specific geographic areas and delivered on-site safety orientations to Company workers and contractors prior to the start of each day. During the Storm, safety personnel visited work sites to advise Company personnel and contractors of safety issues and best practices. In addition, prior to the start of each new job, the work was reviewed by assigned crews, with a focus on safe working conditions for the specific job. These safety efforts helped the Company experience no injuries during the February 7-8, 2020 Storm.

V. COMMUNICATIONS DURING AND AFTER THE EVENT

A. Communication Regarding Estimated Times of Restoration

The Company posted Estimated Times of Restoration (ETRs) on its website during the February 7-8, 2020 Storm using Outage Central, which provided real time ETR updates approximately every 15 minutes.

As crews were assigned and reported ETR updates based on their actual findings in the field, the Company uploaded the updated ETRs into Outage Central. The Company continued to update ETRs throughout the restoration process as information became available to the Company.

B. Intra-Company

The Company began preparing for the February 7-8, 2020 Storm on Thursday, February 6, closely monitoring weather forecasts. See Table 2 above for details on the Briefing call conducted for this event. Additionally, the Company issued communications to field crews with both restoration and safety information throughout the Storm.

C. Public Officials

1. Governor's Office

During the Storm, the Company's Jurisdictional President provided periodic updates to the Governor's Chief of Staff.

2. Rhode Island Public Utilities Commission (PUC), Division of Public Utilities and Carriers (Division), and Rhode Island Emergency Management Agency (RIEMA)

The Company's Manager of Regulatory Affairs contacted the Division and the Office of Energy Resources (OER) to provide updates throughout the February 7-8, 2020 Storm.

See Table 6 below for a listing of updates along with a brief summary of the update provided.

Table 6. Updates to the Division and OER

Date and Time of Update	Summary of Update Content
February 7, 2020; approx. 12:00 noon	Initial notification of possible event; weather forecast; Event Type Classification; plans for opening the Providence Storm Room; resource plans
February 7, 2020; approx. 5:00 p.m.	Event Type Classification change; actions being taken to obtain additional resources
February 7, 2020; approx. 8:30 p.m.	Actual weather update; summary of damage to the Company’s facilities; customer outage update; resource update
February 8, 2020; approx. 11:15 a.m.	Restoration progress and customer outage update; resource update; Outage Central reminder
February 9, 2020; approx. 10:45 a.m.	Restoration progress and customer outage update; demobilization plans; final update

During the event, the Company’s Jurisdictional President provided updates to RIEMA regarding the Company’s storm preparations and restoration efforts. The Company also utilized its RIEMA Liaisons to post outage number updates virtually on RIEMA’s WebEOC and answer questions throughout the event.

3. Municipalities

Due to the impact from this event, the Company opened a Municipal Room on Friday, February 7, at 5:00 p.m. The Company utilized its Area Community Liaison Coordinators to work with each Rhode Island city or town’s emergency, Department of Public Works, and/or public officials as a dedicated liaison. The Company’s Area Community Liaison Coordinators served as full-time resources supporting impacted communities and enabled direct communications back into the Company’s public information coordinators and Branch operations personnel.

D. Customers

The Company communicated with customers during the February 7-8, 2020 Storm through its Customer Contact Center, email, website, and social media. The Company’s Customer Contact Center secured additional staffing to respond to incoming life-support calls for those affected by outages, as well as additional staff to support the high call volume.

On Friday, February 7, 2020, at approximately 8:15 p.m., the Company made an outbound call to all life-support customers to notify them of the weather that had impacted the region resulting in numerous power outages across the state, and to recommend taking necessary precautions and preparations to ensure their well-being in the event of an outage. The outbound call also informed life-support customers to contact 911 or their local public safety officials in the event of an emergency.

See Table 7 below for a detailed listing of each method of communication utilized throughout the February 7-8, 2020 Storm.

Table 7. Communication Details

<u>Method of Communication</u>	<u>Purpose of Interaction</u>	<u>Level of Interaction</u>
<u>Report Outage/Outage Follow-up</u>		
Number of Customer Calls Received by Customer Service Rep	Customer reports outage or issue	4,390
Number of Customer Calls Received by Interactive Voice Response (IVR)	Customer reports outage or issue	3,368
Number of Customer Calls Received by 21 st Century	Customer reports outage or issue	820
Number of Outbound Calls to Life Support Customers, Type 3 Event or greater	Company follow-up with Life Support Customers impacted by an outage	N/A
<u>Automated Outage Updates</u>		
Number of Inbound and Outbound Text Messages	Outage notification, update, or update request from customer	24,303
Number of emails sent	Outage notification, update, or update request from customer	123,448
Number of outbound calls made	Outage notification, update, or update request from customer	207
<u>Web and Social Media</u>		
Number of customer hits on Company website during preparation for and response to the event	Customers seeking information	38,162
Number of Facebook posts	Company preparation for the event, safety information, restoration updates	4
Number of tweets/re-tweets posted on Twitter	Company preparation for the event, safety information, restoration updates	42

E. Media

The Company activated its Public Information Officer (PIO) who participated in the Restoration Stage Briefing Calls conducted by Company Operations, along with additional PIO support staff for the Storm. The Company engaged both traditional and social media channels to distribute Storm and safety-related information. The Company's Strategic Communications Department received one media request for information related to the February 7-8, 2020 Storm in Rhode Island. Feedback and comments from media outlets and social media were received and monitored regularly, and overall sentiment was generally neutral to positive.

VI. TECHNOLOGY ISSUES

There were no technology issues experienced during this event that impacted restoration or communications.

VII. CONCLUSION

The February 7-8, 2020 Storm moderately impacted the Company's electrical system, resulting in power outages to 58,169 of the Company's customers. Damage was caused primarily by falling trees and limbs coming into contact with the Company's poles and wires. The Company followed its Emergency Response Plan and was fully prepared to respond to the Storm, having secured all necessary resources and outside contractors to aid in the restoration effort required for the forecast predicted, and maintained communications with stakeholders through a variety of channels throughout the Storm.

The Company utilized its own distribution line resources and transmission line crews, contractor distribution line crews, and contractor tree crews to restore power to its customers. Power was restored to 95 percent of customers impacted in approximately 24 ½ hours from the time of peak impact. The Company restored power to 100 percent of its customers impacted in approximately 61 hours from the time of the first customer impacted and in just under 55 hours from the time of peak impact. Power was restored to the final customer impacted by the February 7-8, 2020 Storm on February 9, 2020, at approximately 12:00 midnight.

The Company understands the impact that electrical outages have on its customers. The Company is proud of the restoration work that it accomplished during the February 7-8, 2020 Storm and is grateful for the support of customers, employees, state and local officials, and public safety officials, who experienced the effects of the Storm and were an integral part of the Company's restoration efforts.

National Grid
New England States Restoration Stage Briefing Agenda

MEETING INFORMATION			
Date:	2/8/2020	Time:	9:00 am
Call Details:	WebEx Invite		

KEY MEETING PARTICIPANTS			
D = Delegate X = in attendance			
Name	Present	Name	Present
State Incident Commander/Mike McCallan	X	IS Event Lead/Fran DiLeonardo	X
State Operations Section Chief/	-	SERP Lead, Wires Down/ Mark Correia	X
South Shore Branch Director/Jeff Merritt	X	SERP Lead, Damage Assessment/ Elton Prifti	X
Southeast Branch Director/Jeff Merritt	X	State Planning Section Chief/	-
North Shore Branch Director/Andrew Beliveau	X	State Logistics Section Chief/ Jorge Sousa	X
Merrimack Valley Branch Director/Pat Quigley	X	State Liaison Officer/	X
Central/West Branch Director/Kevin Peltier	X	State Public Information Officer/ Ted Kresse	X
Rhode Island Branch Director/Wally McDonald	X	Customer Contact Center Lead/ Ricardo Jaramillo	X
External Line Resource Lead/Manjola Cronstrom	X	State HR Section Chief/	X
SERP Lead, Forestry/Jerry Convery	X	State Finance Section Chief/	-
Transmission Restoration Lead/ Andrew Schneller	X	State Safety & Health Officer/ Bob Preshong	X
Substation Lead/ Bob Brawley	X	State Environmental Officer/	
Control Center Lead/Joe Cutler	X	State Security Officer/	
SERP Lead, Storm Rooms/Kevin Hellmuth	X	Emergency Planning Support/Steve Parenteau	X
<i>SERP Lead = State Emergency Response Process Lead</i>			

#	Agenda Item
1	<p>Safety Message – State Safety & Health Officer</p> <ul style="list-style-type: none"> ➤ Provide Safety Message relevant to the Briefing Call Attendees <ul style="list-style-type: none"> • Maintain situation awareness when outside today • Tree and overhead structures may be loose from the winds • Still will be winds today, remain vigilant for yourself and others
2	<p>Weather Forecast – State Incident Commander/DTN Representative</p> <p>CURRENT CONDITIONS: Outside of a few lingering light flurries in NH, mainly dry. Winds: Eastern MA: West-northeast at 10-18 mph, gusting to 25-35 mph; Elsewhere: West-northwest at 5-10 mph, gusting to 18-25 mph. Temperatures: Lebanon/Charlestown: Low teens; Nantucket: Low 30s; Elsewhere: Teens to upper 20s;</p> <p>SYNOPSIS: Mainly dry and breezy conditions are expected today, yet winds will remain below hazard levels. A few rounds of light rain/snow are possible Sunday through Tuesday with no hazards expected.</p>

National Grid New England States Restoration Stage Briefing Agenda

3	<p>NE State Incident Commander</p> <ul style="list-style-type: none"> ➤ Responding to a Type 4 event in MA and a Type 4 event in RI ➤ Brockton and Providence Storm Rooms remain open ➤ 6AM-6PM Operational Period ➤ Emergency Objectives <ul style="list-style-type: none"> ▪ Zero Injuries, switching incidents, RTC for employees and customers ▪ Maintain communications with regulators, communities, and customers ▪ Identify and prioritize hospital, schools, and critical facility restoration ▪ Update ETRs for outages greater than 10 customers impacts by NOON today ▪ 95% of peak customers restored by 8PM tonight (RI=2200, MA=3500 remaining) ▪ Onboard all external contractors arriving today, prior to any restoration work ➤ Moving MA crews from West/Central and North to Southshore and Southeast today ➤ 71 OH line resources came into RI yesterday and today, with 354 more coming to NE today to support
4	<p>State Operations Section Chief (not activated)</p>
5	<p>Branch Directors</p> <ul style="list-style-type: none"> ➤ MA South Shore Branch –Brockton Jeff Merritt <ul style="list-style-type: none"> ▪ Peaked at 54k outages ▪ S1 and transformer outages ▪ Received crews from West and North to help ▪ Getting more tree crews today ▪ Seeking to fly the 13kV circuits in the ROW in South Shore and 23kV also ▪ Muni Rooms reaching out to communities and getting priorities ➤ MA Southeast Branch – Hopedale <ul style="list-style-type: none"> ▪ ➤ MA North Shore Branch – MA North Pat Quigley <ul style="list-style-type: none"> ▪ Cleaning up small issues today ▪ Sent 6 MV crews to Brockton ▪ Sub & UG resources being sent to Brockton also ➤ MA Merrimack Valley Branch – North Andover <ul style="list-style-type: none"> ▪ ➤ MA Central/West Branch – Worcester Kevin Peltier <ul style="list-style-type: none"> ▪ Cleaning up the small issues today ▪ Sent 8 OH crews to Attleboro, 10 crews to Brockton ▪ Will complete feeder sweeps during the day today ➤ Rhode Island Branch – Providence Wally McDonald <ul style="list-style-type: none"> ▪ Contractor crews are deployed and actively restoring outages ▪ ETRs are all current and being monitored ▪ Working on Police and Fire standby calls to ensure coverage
6	<p>External Line Resource Lead</p> <ul style="list-style-type: none"> ➤ Provide update on acquisition of external resources and any related issues 160 external line resources
7	<p>SERP Lead, Forestry</p> <ul style="list-style-type: none"> ➤ Provide update on acquisition of forestry resources and any related issues 159 dist crews 41 moved from West down to south, 25 to RI and 16 to Southshore
8	<p>Transmission Restoration Lead</p> <ul style="list-style-type: none"> ➤ Provide update on transmission specific outages and any related issues 3 crews 2 MA 1 RI – heli patrols going today, can help with SubT if needed
9	<p>Substation Lead</p> <ul style="list-style-type: none"> • Tree damage was experienced in stations yesterday • South Kingstown Comms Tower is on generation, set for the next 48 hours

National Grid New England States Restoration Stage Briefing Agenda

10	Control Center Lead <ul style="list-style-type: none"> • Union Loop and 84T3 in RI still impacted, maybe a second area on the 2284 that needs some attention • Scrubbing OMD
11	SERP Lead, Storm Rooms <ul style="list-style-type: none"> • Rooms in Brockton and Providence in good shape
12	IS Event Lead <ul style="list-style-type: none"> • Local desktop support set in storm rooms, no exceptions
13	SERP Lead, Wires Down <ul style="list-style-type: none"> • 35 in RI and 35 in MA, no outstanding requests at this time
14	SERP Lead, Damage Assessment <ul style="list-style-type: none"> • DA activated in RI, 18 FTEs and office support setup along with overnight work support
15	State Planning Section Chief
16	State Logistics Section Chief <ul style="list-style-type: none"> • Twin River and CCRI RI staging sites are getting setup in prep for the arrival of external crews
17	State Liaison Officer
18	State Public Information Officer <ul style="list-style-type: none"> • 5 media inquiries so far 4 in MA and 1 RI • Sentiment is positive so far, understand the winds were very severe versus the forecast
19	Customer Contact Center Lead <ul style="list-style-type: none"> • Moderate volume of customer calls, high at time, but slowing down • Life Support Calls went out in MA and RI at 8:15PM yesterday
20	State HR Section Chief
21	State Finance Section Chief
22	State Safety & Health Officer <ul style="list-style-type: none"> • All onboarding is going well and processing as crews arrive
23	State Environmental Officer
24	State Security Officer
25	Emergency Planning Support <ul style="list-style-type: none"> • No exceptions
26	NE States Incident Commander <ul style="list-style-type: none"> ➤ Closing Remarks <ul style="list-style-type: none"> • Thank you all for caring about each other’s safety and supporting our customers in need
27	Next Scheduled Call-Date & Time <ul style="list-style-type: none"> • No planned next call expected

Appendix B February 7-8, 2020 RI 90 Day Report

Date	Location	Number of Company Line Crews	Number of Contractor Line Crews	Number of Out-of-State Mutual Assistance Line Crews	Number of Contractor Tree Crews	Number of Out-of-State Mutual Assistance Tree Crews	Number of Company Underground Crews	Number of Contractor Underground Crews	Out-of-State Mutual Assistance Underground Crews	Number of Company Substation FTEs	Number of Contractor Substation FTEs	Out-of-State Mutual Assistance Substation FTEs	Number of Company Wire Down FTEs	Number of Contractor Wire Down FTEs	Number of Out-of-State Mutual Assistance Wire Down FTEs	Number of Company Damage Appraiser FTEs	Number of Contractor Damage Appraiser FTEs	Number of Out-of-State Mutual Assistance Damage Appraisers FTEs	Number of Company Transmission Crews	Number of Contractor Transmission Crews	Out-of-State Mutual Assistance Transmission Crews
7-Feb-20	Capital																				
	Lincoln	10																			
	Providence/Chopmist	17	5		12		9			22									1		
Coastal																					
	Middletown	6																			
	North Kingstown/Westerly	14			13		3			16											
8-Feb-20	Capital																				
	Lincoln	10																			
	Providence/Chopmist	17	17		13					3			64			3			1		
Coastal																					
	Middletown	6																			
	North Kingstown/Westerly	14	16		47					3						3					
9-Feb-20	Capital																				
	Lincoln	10																			
	Providence/Chopmist	17			14					3			67			4					
Coastal																					
	Middletown	6																			
	North Kingstown/Westerly	14	127		61					3						15					

Note: Crews typically include two or three people, although there may be some one-person crews in damage assessment, wires down, distribution line (troubleshooters), and substation personnel. Transmission crews typically include 6-10 resources.

Appendix C

Please see the Excel version of Appendix C.

Appendix D

Please see the Excel version of Appendix D.

Appendix E

Please see the Excel version of Appendix E.

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Joanne M. Scanlon

May 6, 2020

Date

**Docket No. 2509 – National Grid – Storm Fund
Service List as of 1/17/2020**

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Docket D-11-94 Review of National Grid’s Storm Reports

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Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

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Joanne M. Scanlon

May 6, 2020

Date

**Docket No. D-17-45 – National Grid – Storm Fund
Service List as of 11/5/18**

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