

October 5, 2021

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 July 9, 2021 Tropical Storm Elsa 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 July 9, 2021 Tropical Storm Elsa event ("July 9, 2021 Storm"). 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 B through E to the storm summary report in Excel format.

The July 9, 2021 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 401-784-7263.

Very truly yours,



Andrew S. Marcaccio

Enclosures

cc: Linda George, Division
John Bell, Division
Greg Booth, Division
John Spirito, Esq.
Christy Hetherington, Esq.
Tiffany Parenteau, 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 four 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
July 9, 2021 Event,
Tropical Storm Elsa,
Damage Assessment and
Service Restoration**

October 5, 2021

Docket No. 2509

Submitted to:
Rhode Island Public Utilities Commission

Submitted by:

nationalgrid

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**REPORT ON BEHALF OF
THE NARRAGANSETT ELECTRIC COMPANY d/b/a NATIONAL GRID
ON THE JULY 9, 2021 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 July 9, 2021 Tropical Storm Elsa (“Tropical Storm Elsa” 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 3 emergency event for Rhode Island, meaning that the Company estimated that restoration activities generally would be accomplished within a 72-hour period and the event typically would result in up to 28 percent of customers interrupted at peak. The Storm was projected to bring heavy rain, strong winds, and thunderstorm activity, which potentially could cause significant damage to the Company’s electric infrastructure. Ultimately, the Storm brought strong winds and significant rainfall across Rhode Island and eastern Massachusetts. Maximum wind gusts were in the 30 – 35 mph range across much of the state, with total accumulated rainfall of one to two inches. The Storm interrupted power to 10,172 (approximately 5,306 at peak) of the Company’s customers. Overall, two percent of the Company’s customers in Rhode Island experienced outages, with 23 of the 38 communities served in Rhode Island impacted.

The Company began monitoring Tropical Storm Elsa on Friday, July 2, 2021 as it neared Bridgetown, Barbados and tracked into the Caribbean Sea toward Cuba. Throughout that weekend and into the next week, 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. The Company began preparing for Tropical Storm Elsa on Tuesday, July 6, 2021 as it approached Florida. The first Pre-Event Stage Briefing Call was conducted on Wednesday, July 7, at 3:30 p.m., to review the most current forecast and continue implementation of plans to respond to the event. The second Pre-Event Stage Briefing Call was conducted on Thursday, July 8, at 9:00 a.m. to finalize those plans. As part of its preparation for the Storm, the Company opened Branch Storm Rooms in Providence and North Kingstown at approximately 7:00 a.m. on Friday morning, July 9, and also opened wires down rooms at the same time.

The Company conducted its first Restoration Stage Briefing Call on Friday, July 9 at 8:00 a.m., followed by a second and final call later that day at 6:00 p.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 16 hours from the time of the first customer

impacted, and in just over 8 hours from the time of peak impact. Power was restored to the final customer impacted by the Storm on Friday, July 9, 2021 at approximately 10:51 p.m.

The Company is grateful for the support of customers, employees, state and local officials, and public safety officials, who experienced the effects of Tropical Storm Elsa 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 Tropical Storm Elsa Incident Classification Actions.

Table 1. Incident Classification Actions

<u>Action Performed</u>	<u>Date and Time</u>
New England Incident Commander Named	July 6, 2021; approx. 10:00 a.m.
Initial Event Classification Type – 3	July 9, 2021; approx. 8:00 a.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 Tropical Storm Elsa ICS Actions.

Table 2. ICS Actions

<u>Actions Performed</u>	<u>Date and Time</u>
First Pre-Event Stage Briefing Call	July 7, 2021; 3:30 p.m.
Second Pre-Event Stage Briefing Call	July 8, 2021; 9:00 a.m.
Branch Storm Room opened in Providence for Capital district	July 9, 2021; approx. 7:00 a.m.
Branch Storm Room opened in Providence for Coastal district	July 9, 2021; approx. 7:00 a.m.
Branch Wires Down Room opened in Providence for Capital District	July 9, 2021; approx. 7:00 a.m.
Branch Wires Down Room opened in Providence for Coastal District	July 9, 2021; approx. 7:00 a.m.
First Restoration Stage Briefing Call	July 9, 2021; approx. 8:00 a.m.
Second Restoration Stage Briefing Call	July 9, 2021; approx. 6:00 p.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 hazardous winds, the Company secured crews in advance from its contractors of choice and other outside contractors to support restoration efforts for all New England as part of its regional preparation for the Storm, consistent with its Emergency Response Plan.

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 Monday, July 5, the weather forecasts began to predict that Tropical Storm Elsa could impact the area on Friday of that week, moving up the eastern seaboard and bringing tropical rains to parts of the region, along with some higher wind gust potential for southeast/coastal

areas. On Tuesday, July 6, the forecasts continued to predict that southeastern New England would be impacted by Tropical Storm Elsa, but there was still uncertainty with regard to the exact storm track and intensity as the storm was expected to make its closest approach on Friday. Peak wind gusts of 40-45 mph were predicted along coastal areas of Rhode Island, with the rest of the state expecting peak wind gusts of up to 35 mph. Rainfall amounts of one to two inches were predicted for eastern Rhode Island, but localized higher amounts were possible.

The peak wind gust forecast for Tropical Storm Elsa remained essentially the same over the next two days but on Thursday, July 8, rainfall predictions were increased to 1.5 – 3 inches across the state. While there had been no major changes to the storm track, confidence in the forecast remained medium over both of these days

On Friday morning, July 9, the forecast held steady as Tropical Storm Elsa began to impact the Company’s service territory. Confidence in the forecast remained medium even as the event began to impact the state.

B. Impact

Tropical Storm Elsa was a strong weather event that resulted in some damage to the Company’s electrical system. The Storm brought widespread rain and strong, gusty winds to the Company’s service territory. Peak wind gusts were generally in the 30-35 mph range, with North Kingstown experiencing a peak gust of 35 mph. The Towns of South Kingstown and Charlestown were affected most heavily with approximately 19 and 11 percent of their customers impacted by the event, respectively. See Table 3 below for the Storm impact.

Table 3. Storm Impact

Total Customers Impacted	10,172
Peak Customers Impacted	5,306
Date and Time of Peak	July 9, 2021; 2:43 p.m.
Date and Time Final Customer Was Restored	July 9, 2021; approx. 10:51 p.m.
Number of Municipalities That Experienced Interruptions	26
Number of Distribution Feeders That Experienced Interruptions	34

Figure 1 below shows the number of customers interrupted and restored, by hour, for the period of July 9-10, 2021.

Figure 1

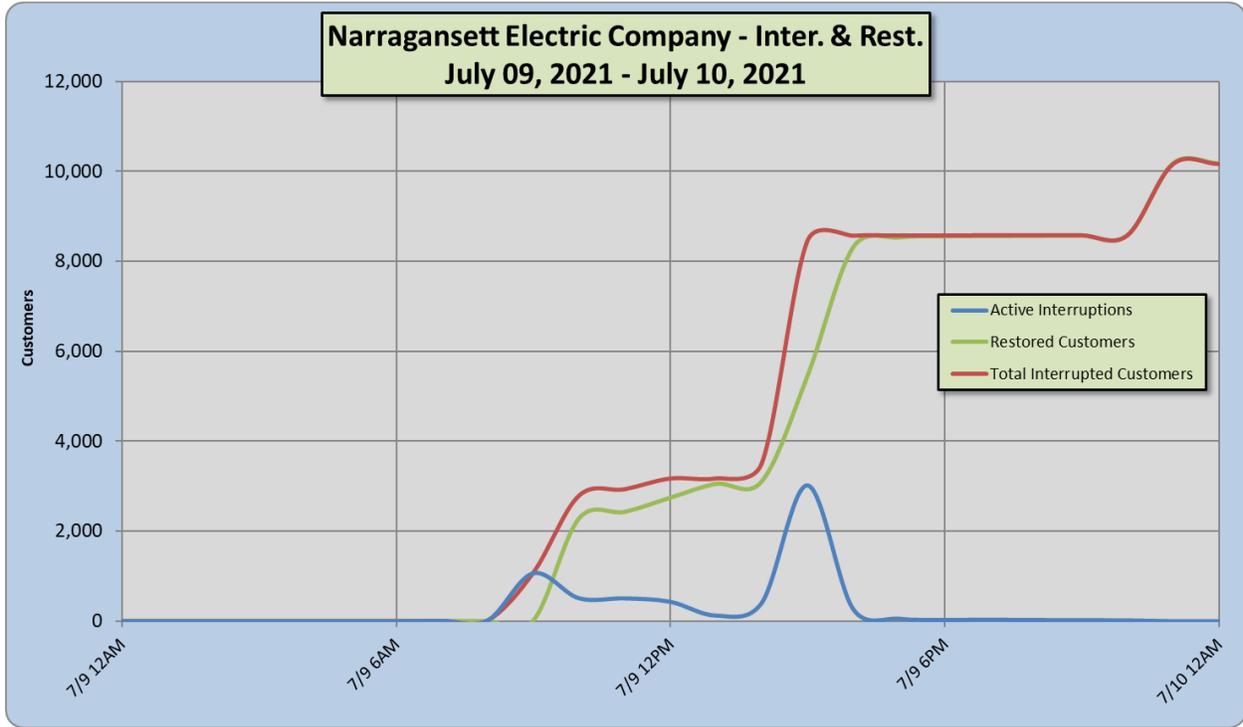


Figure 2 below shows all municipalities that experienced interruptions during the Storm.

Figure 2

Municipality Name	Customers Served	Total Customers Interrupted	Percent of Total
BRISTOL	10,453	20	0.19%
BURRILLVILLE	2,629	28	1.07%
CHARLESTOWN	5,863	629	10.73%
COVENTRY	14,424	47	0.33%
CRANSTON	31,828	1,732	5.44%
CUMBERLAND	15,629	246	1.57%
FOSTER	2,054	24	1.17%
GLOCESTER	4,727	2	0.04%
HOPKINTON	3,998	227	5.68%
JOHNSTON	13,902	666	4.79%
LITTLE COMPTON	2,610	22	0.84%
MIDDLETOWN	8,428	546	6.48%
NARRAGANSETT	10,554	2	0.02%
NEWPORT	14,927	664	4.45%
NORTH KINGSTOWN	13,925	194	1.39%
NORTH SMITHFIELD	5,885	41	0.70%
PAWTUCKET	34,106	1,585	4.65%
PROVIDENCE	74,692	2	0.00%
RICHMOND	3,638	2	0.05%
SCITUATE	4,643	109	2.35%

Municipality Name	Customers Served	Total Customers Interrupted	Percent of Total
SMITHFIELD	9,103	1	0.01%
SOUTH KINGSTOWN	15,023	2,785	18.54%
WARWICK	40,526	55	0.14%
WEST WARWICK	14,557	229	1.57%
WESTERLY	14,574	281	1.93%
WOONSOCKET	18,927	109	0.58%

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 Capital and Coastal Branch Storm Rooms in Providence as soon as they 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 a Staging Site to support restoration across the state, as shown in Table 4 below.

Table 4. Staging Sites

<u>Staging Site Location</u>
CCRI, Warwick

The Company did not deploy Task Force teams for this event.

C. Personnel Resources

The Company secured a total of 310 internal and external field crews¹ to restore power to customers in Rhode Island, consisting of approximately 155 external crews and 155 internal crews. The internal and external field crew numbers included transmission and distribution overhead line, forestry, substation, underground, wires down, and damage assessment 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 all the National Grid’s service territory in both 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 allocations for this event. See Appendix B for mutual assistance resource allocations to the Company for this event.

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.

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>
July 7, 2021; 10:00 a.m.	100	Overhead Line	0	Overhead Line
July 9, 2021; based on the impact from the event, the Company withdrew its request for resources	0			

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 structures 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.

As with any storm, for Tropical Storm Elsa, 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 Tropical Storm Elsa. The Company also notes that planning and response were performed taking into account COVID-19 safety protocols.

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 Tropical Storm Elsa 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 Tropical Storm Elsa on Tuesday, July 6, closely monitoring weather forecasts as the storm approached Florida. See Table 2 above for details on the Briefing calls conducted for this event. Additionally, the Company issued communications to field crews with safety information regarding the Storm.

C. Public Officials

1. Governor’s Office

During the Storm, the Company’s Jurisdictional President communicated regularly with the Governor’s office. Additionally, the Company’s Director of Government Relations communicated with Rhode Island’s legislative leadership leading up to and during the Storm.

2. Rhode Island Public Utilities Commission (“PUC”), Division of Public Utilities and Carriers (“Division”), Office of Energy Resources (“OER”), and Rhode Island Emergency Management Agency (“RIEMA”)

The Company’s Regulatory Liaison contacted the PUC, the Division, the Governor’s office, and OER to provide updates throughout Tropical Storm Elsa. 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
July 7, 2021; approx. 5:00 p.m.	Initial notification of possible event; weather forecast and uncertain storm track; preliminary plans to open Storm Rooms; external resources secured; ready to place Life Support and Critical Facility calls
July 8, 2021; approx. 12:15 p.m.	Weather forecast update; Event Type classification; review of Company’s plans and preparation; Storm Room opening plans; Resource counts; plan for Life Support and Critical Facility calls
July 9, 2021; approx. 6:30 p.m.	Summary of event impact; customer outage and restoration update; Event Type classification 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. RIEMA activated their State Emergency Operations Center on Friday, July 9, from 7:00 a.m. through 4:00 p.m. The Company supported this activation remotely and utilized its RIEMA Liaison to post outage number updates virtually on RIEMA’s WebEOC and answer questions throughout the event.

3. Municipalities

Based on the impact from this event, the Company opened a Municipal Room on Friday, July 9, at 8:00 a.m. in a virtual capacity considering COVID-19 pandemic safety protocols. 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 Tropical Storm Elsa 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 Thursday, July 8, 2021, at approximately 1:00 p.m., the Company made an outbound call to all life-support customers to notify them of the upcoming weather 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 6 below for a detailed listing of each method of communication utilized throughout Tropical Storm Elsa.

Table 6. 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	831
Number of Customer Calls Received by Interactive Voice Response (IVR)	Customer reports outage or issue	236
Number of Customer Calls Received by 21 st Century	Customer reports outage or issue	680
Number of Outbound Calls to Life Support Customers, Type 3 Event or greater	Company notification and 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	32,848
Number of emails sent	Outage notification, update, or update request from customer	39,690
Number of outbound calls made	Outage notification, update, or update request from customer	67
<u>Web and Social Media</u>		
Number of customer hits on Company website during preparation for, and response to, the event	Customers seeking information	38,675
Number of Facebook posts	Company preparation for the event, safety information, restoration updates	3
Number of tweets/re-tweets posted on Twitter	Company preparation for the event, safety information, restoration updates	6

E. Media

The Company activated its Public Information Officer (“PIO”), 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 eight media requests for information related to Tropical Storm Elsa in Rhode Island, and one press release was issued. Feedback and comments from media outlets and social media were received and monitored regularly, and overall sentiment was generally neutral.

VI. TECHNOLOGY ISSUES

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

VII. CONCLUSION

Tropical Storm Elsa impacted the Company’s electrical system, resulting in power outages to 10.172 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 8 hours from the time of peak impact.

The Company restored power to 100 percent of its customers impacted in approximately 16 hours from the time of the first customer impacted, and in just over 8 hours from the time of peak impact. Power was restored to the final customer impacted by the Storm on Friday, July 9, 2021 at approximately 10:51 p.m.

The Company understands the impact that electrical outages have on its customers. The Company is proud of the restoration work that it accomplished during Tropical Storm Elsa 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 Pre-Event Stage Briefing Agenda

MEETING INFORMATION

Date:	7/07/2021	Time:	1530
Call Details:	Microsoft Teams Meeting		

KEY MEETING PARTICIPANTS (limited report out for this call)

D = Delegate X = in attendance

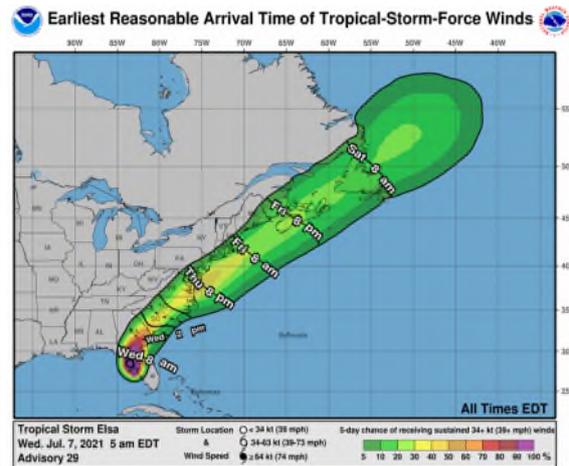
Name	Present	Name	Present
State Incident Commander/Mike McCallan	X	State Planning Section Chief/	
State Safety & Health Officer/Bob Preshong	X	State Liaison Officer/	
Control Center Lead/		Regulatory Liaisons, MA & RI/	
State Operations Section Chief/Tanya Moniz-Witten	X	State Public Information Officer/	
Substation Lead/		Customer Contact Center Lead/	
Transmission Restoration Lead/Andrew Schneller	X	Customer Engagement/	
External Line Resource Lead/Oriana Sharwani	X	State Logistics Section Chief/	
SERP Lead, Forestry/Seth Bernatchez	X	State Security Officer/	
SERP Lead, Storm Rooms/Kevin Hellmuth	X	IS Event Lead/	
SERP Lead, Wires Down/		State HR Section Chief/	
SERP Lead, Damage Assessment/		State Finance Section Chief/	
State Environmental Officer/		Emergency Planning Support/Jane Becker	X

SERP Lead = State Emergency Response Process Lead

#	Agenda Item
1	<p>Safety Message – State Safety & Health Officer</p> <ul style="list-style-type: none"> ➤ There was a safety event earlier today with one of our tree contractors; a different contractor (totally unrelated to company work) came in contact with the tree contractor’s truck boom, and our tree contractor’s employee was ejected from the bucket; NO INJURIES resulted, the tree contractor’s employee was utilizing all proper fall protection ➤ Mike – make sure everyone wears their PPE including vests and hardhats; reinforce the importance of wearing all PPE in a positive way
2	<p>Weather Forecast – State Incident Commander/DTN Representative</p> <p>DTN - Rhiannon</p> <ul style="list-style-type: none"> - Timing: Will see effects starting around 8 – 9 am Friday, models have been pretty good with the timing, Elsa will be moving quickly and exit the area by 6-7 pm Friday evening - Expect to see tropical rainfall and some potential wind gusts - Nantucket peak winds will be ~ 55 mph, but storm track not set in stone so this could change a bit - 40 -45 mph peak gusts expected in North Shore, South Shore, Coastal RI, some isolated gusts could be up to 50 or 55 mph depending on the actual storm track - Western MA will see limited winds at 30-35 mph - Overall tropical rainfall in the range of 1 – 1 ½ inches, up to 3” in tropical downfalls; could also change depending on the storm track, and eastern track could bring more rain in the east and a more western track could bring more rain in the west - No real coastal flooding concerns, limited to Nantucket and some of Coastal RI - Peak timing favors a window of 2 – 5 pm, but could be between noon – 6 pm

National Grid New England States Pre-Event Stage Briefing Agenda

- Elsa expected to pass near or over southeast New England on Friday as a tropical storm
- Potential for heavy rainfall to the northwest of the storm's track
- Potential for wind gusts over 35 mph near and east of the storm's track
- No coastal/storm surge flooding expected



3 **NE State Incident Commander**

- Define the Operational Period
 - 1st OP, Friday 0600 to Saturday 0600
- Provide overview of the Emergency activities; current size and complexity
 - High winds and Heavy rain
- Declare Event Level for both MA and RI
 - Preparing for a TYPE 3 for MA and RI. 72-hour event. Not declared at this time.
 - Want to see a more updated forecast
- Identify Branches affected
 - All, some to a higher degree than others
- Identify State EOC status and position activation
 - State EOC tentatively opening at 0600 Friday
 - Hybrid opening – in person and/or remote
- Establish Emergency Objectives
 1. Zero Safety Incidents during the incident.
 - Zero injuries, switching incidents and RTC's for all employees and contractors. Zero injuries to the Members of Public.
 2. Successfully on-board all external resources by 0600, Friday.
 3. Establish and maintain effective communications with all customers and regulators prior to, and during the incident.
 4. Ensure all Incident Management Team staffing is finalized by 1700, Thursday.
 5. Ensure readiness of Emergency Response Information Systems prior to 1700, Thursday.

4 **State Safety & Health Officer**

-

5 **Control Center Lead**

-

6 **State Operations Section Chief**

- Safety objectives are aligned with a tropical weather event, safety tailboards will cover wind protocols
- This evening we will have some coverage, crews on stand by and pagers to respond to the thunderstorms
- All Storm Rooms will be opening
- Total of 382.5 OH crews, 137.5 internal, 29 CoCs, 216 external contractors

National Grid New England States Pre-Event Stage Briefing Agenda

	<ul style="list-style-type: none"> - Total of 203.5 support crews – UG, Substation, Transmission, Forestry - Meeting in the AM to finalize plans and get an updated weather forecast
7	Substation Lead <ul style="list-style-type: none"> ➤
8	Transmission Restoration Lead <ul style="list-style-type: none"> ➤ If we declare a Type 3, will open the Transmission storm room; likely keep entire dept into the evening and see how tomorrow develops
9	External Line Resource Lead <ul style="list-style-type: none"> ➤ No exceptions
10	SERP Lead, Forestry <ul style="list-style-type: none"> ➤ Have 114 local crews, got an additional 15 local crews, also got 82 off property crews arriving Thursday night ➤ 211 total crews – have been allocated across Branches
11	SERP Lead, Storm Rooms <ul style="list-style-type: none"> ➤ Opening Brockton, Hopedale, Malden, North Andover, Worcester, Providence, North Kingstown first thing Friday morning, targeting 6am, can adjust start time if needed ➤ IT has been notified ➤ Acquiring additional Police and Fire Support ➤ Storm Room Readiness checklists are being completed by Storm Room Leads
12	SERP Lead, Wires Down <ul style="list-style-type: none"> ➤
13	SERP Lead, Damage Assessment <ul style="list-style-type: none"> ➤
14	State Environmental Officer <ul style="list-style-type: none"> ➤
15	State Planning Section Chief <ul style="list-style-type: none"> ➤
16	State Liaison Officer <ul style="list-style-type: none"> ➤
17	Regulatory Liaison, MA & RI <ul style="list-style-type: none"> ➤
18	State Public Information Officer <ul style="list-style-type: none"> ➤
19	Customer Contact Center Lead <ul style="list-style-type: none"> ➤
20	Customer Engagement <ul style="list-style-type: none"> ➤
21	State Logistics Section Chief <ul style="list-style-type: none"> ➤
22	State Security Officer

National Grid New England States Pre-Event Stage Briefing Agenda

	➤
23	IS Event Lead ➤
24	State HR Section Chief ➤
25	State Finance Section Chief ➤
26	Emergency Planning Support <ul style="list-style-type: none"> ➤ No crews available through NAMAG; will be reaching out to GLMA and WRMAG for situational awareness, another call late tomorrow or Friday ➤ Please utilize Checklists, for the Pre-Event stage and beyond, Key Positions will need to submit these for a Type 3 event ➤ Please respond when asked for Org Chart information, especially important during this heavy vacation week where different people may be staffing the ERO
27	NE States Incident Commander <ul style="list-style-type: none"> ➤ Closing Remarks <ul style="list-style-type: none"> • We have time, but a lot of data needs to be pulled together, if someone is asking for info please take the time to assist then • Next call at 9:00 tomorrow, will be a more detailed briefing • Thank you all • Today's call was to help build awareness of all the preparation that has been taking place over the last 2 days
28	Next Scheduled Call - Date & Time <ul style="list-style-type: none"> • Thursday at 0900.

National Grid New England States Pre-Event Stage Briefing Agenda

MEETING INFORMATION

Date:	07/08/2021	Time:	0900
Call Details:	Microsoft Teams Meeting		

KEY MEETING PARTICIPANTS

D = Delegate X = in attendance

Name	Present	Name	Present
State Incident Commander/Mike McCallan	X	State Planning Section Chief/Ryan Constable	X
State Safety & Health Officer/Bob Preshong	X	State Liaison Officer/John Isberg	X
Control Center Lead/Mike Gallagher	X	Regulatory Liaisons, MA & RI/	
State Operations Section Chief/Tanya Moniz-Witten	X	State Public Information Officer/John Lamontagne	X
Substation Lead/Bob Brawley	X	Customer Contact Center Lead/Trina Dombroski	X
Transmission Restoration Lead/Andrew Schneller	X	Customer Engagement/	
External Line Resource Lead/Oriana Sharwani	X	State Logistics Section Chief/Kathy Fujita	X
SERP Lead, Forestry/Seth Bernatchez	X	State Security Officer/John Jackson	X
SERP Lead, Storm Rooms/Kevin Hellmuth	X	IS Event Lead/Fran DiLeonardo	X
SERP Lead, Wires Down/Mark Correia	X	State HR Section Chief/Tom Mulligan	X
SERP Lead, Damage Assessment/Elton Prifti	X	State Finance Section Chief/Kris Swedberg	X
State Environmental Officer/Pete Harley	X	Emergency Planning Support/Jane Becker	X

SERP Lead = State Emergency Response Process Lead

#	Agenda Item
1	<p>Safety Message – State Safety & Health Officer</p> <ul style="list-style-type: none"> ➤ Internal Safety Briefing sent out earlier today; please keep focus on the situational awareness items mentioned in the Safety Briefing, specifically monitoring conditions, watching for wind driven debris and tree limbs, and always calling a safety stop if needed ➤ Follow these key factors to help all stay safe
2	<p>Weather Forecast – State Incident Commander/DTN Representative</p> <p>SYNOPSIS: Showers and thunderstorms will begin developing this afternoon and continue through the evening and tonight. Most areas south and west will see the threat for thunderstorms end by tonight, while other areas north and east will likely see thunderstorm activity ending after midnight. Lingering showers will likely continue for most areas overnight into Friday morning, but spotty showers will transition into a steadier rain through Friday morning as Tropical Storm Elsa approaches from the southwest. Heavy rain/downpours with embedded thunderstorms will become the story for most areas through the day Friday, although lightning amounts will likely remain low. As Tropical Storm Elsa passes Friday afternoon winds will increase across coastal New England, with the heaviest gusts expected to be confined to the coastal RI/South Shore/Nantucket. Rain and winds will taper off through Friday evening/night, giving way to mostly dry weather aside from some light scattered showers. Things will remain dry for Saturday morning with just a small chance for a few isolated showers or storms popping up Saturday afternoon/early evening. Dry and quiet weather expected for Sunday, while chances for scattered showers will return for Monday.</p> <p>WIND IMPACT FRIDAY: Winds beginning east-southeast but likely turning northeast then north-northwest for Friday afternoon/evening though wind direction will greatly depend on the actual position of the storm center as it passes the region.</p>

National Grid New England States Pre-Event Stage Briefing Agenda

Region	Timing	Sustained Winds	Common Gusts	Peak Gusts	EEL-2/3 Gust Chances
South Shore/Nantucket	9am-9pm Fri	ESE 20-25 mph	30-40 mph	40-55 mph	60%/20%
Coastal RI	8am-7pm Fri	ESE 15-20 mph	25-30 mph	30-45 mph	50%/-
North Shore	12pm-7pm Fri	ESE 15-20 mph	25-30 mph	30-35 mph	30%/-
Central/Salem/Merrimack V.	11am-6pm Fri	ESE 12-18 mph	20-25 mph	25-30 mph	20%/-

THUNDERSTORM IMPACT THURSDAY:

Region	Timing	T-Storm Chances	Lightning	T-Storm Gusts	EEL-2 Gust Chances
Charlestown/Lebanon	3pm-10pm Thu	30%	Low	30-45 mph	30%
Western/Central MA	1pm-11pm Thu	30%	Low-Medium	35-45 mph	30%
Eastern MA/RI	4pm Thu-2am Fri	20%	Low	30-45 mph	20%

THUNDERSTORM IMPACT FRIDAY:

Region	Timing	T-Storm Chances	Lightning	T-Storm Gusts	EEL-2 Gust Chances
Western MA/Charlestown/Lebanon	3pm-8pm Fri	20%	Low	30-35 mph	10%
Eastern MA/RI/Nantucket	8am-8pm Fri	30%	Low	30-45 mph	20%

PRECIPITATION IMPACT: As rain and storms move through the region over the next couple of days, including heavy downpours from Tropical Storm Elsa, rain totals across the region will approach 2", with higher totals up to 3" possible in localized regions. These totals could change dependent on Elsa's final track.

Region	Timing	Rainfall
Western/Central MA/Charlestown/Lebanon	6pm Thu-8pm Fri	2.00-2.50"
Salem/Merrimack Valley/North Shore	6pm Thu-8pm Fri	1.75-2.00"
RI/Nantucket/South Shore/Southeast	6pm Thu-8pm Fri	1.50-2.00"

- 3 **NE State Incident Commander**
- **Define the Operational Period**
 - **1st OP, Friday 0800 to Saturday 0800**
 - **Provide overview of the Emergency activities; current size and complexity**
 - **High winds and Heavy rain**
 - **Declare Event Level for both MA and RI**
 - **TYPE 3 for Ma and RI at 0800, Friday**
 - **Identify Branches affected**
 - **All**
 - **Identify State EOC status and position activation**
 - **State EOC will open at 0800, Friday both in person or remote.**
 - **Establish Emergency Objectives**
6. **Zero Safety Incidents during the incident.**
 - **Zero injuries, switching incidents and RTC's for all employees and contractors. Zero injuries to the Members of Public.**
 7. **Successfully on-board all external resources by 0600, Friday.**
 8. **Establish and maintain effective communications with all customers and regulators prior to, and during the incident.**
 9. **Ensure all Incident Management Team staffing is finalized by 1700, Thursday.**
 10. **Ensure readiness of Emergency Response Information Systems prior to 1700, Thursday.**
 11. **Ensure readiness to deploy Police/Fire and Wires Down.**
- 4 **State Safety & Health Officer**
- **Ready to onboard crews as needed**
- 5 **Control Center Lead**
- **Staffing up, ready to do switching for all areas**
 - **Will be dispatching for Nantucket and the far West in MA**

National Grid New England States Pre-Event Stage Briefing Agenda

		➤ Reminder to fill out the Blue sheets																																																																																														
6	State Operations Section Chief	<ul style="list-style-type: none"> ➤ No changes from yesterday ➤ Crews are on Nantucket ➤ All storm rooms are activated ➤ Ready to go 																																																																																														
7	Substation Lead	➤ No specific flooding issues expected other than heavy rain																																																																																														
8	Transmission Restoration Lead	<ul style="list-style-type: none"> ➤ Will have 6 crews on tomorrow; 1 in Hull, 1 in Beverly, 2 in Attleboro, 1 in Central MA, 1 in Western MA ➤ Will open the Transmission Storm Room tomorrow at 8:00 am 																																																																																														
9	External Line Resource Lead	<ul style="list-style-type: none"> ➤ Update to the numbers in the charts below ➤ Now have 251 contractor crews – 27 on property, 224 external (39 of these arriving tomorrow) ➤ Working on meals and lodging <table style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="text-align: left;">Received From</th> <th style="text-align: center;">Resources</th> <th style="text-align: center;">Crews</th> </tr> </thead> <tbody> <tr> <td>On Property</td> <td style="text-align: center;">69</td> <td style="text-align: center;">27</td> </tr> <tr> <td>Direct Contact</td> <td style="text-align: center;">602</td> <td style="text-align: center;">220</td> </tr> <tr> <td>Mutual Aid</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Total:</td> <td style="text-align: center;">671</td> <td style="text-align: center;">247</td> </tr> </tbody> </table> <p>a) Division allocation:</p> <table style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="text-align: left;">Staging Site</th> <th style="text-align: center;">Resources</th> <th style="text-align: center;">Crews</th> <th style="text-align: center;">Buckets</th> <th style="text-align: center;">Diggers</th> </tr> </thead> <tbody> <tr> <td>MA - Central</td> <td style="text-align: center;">86</td> <td style="text-align: center;">30</td> <td style="text-align: center;">30</td> <td style="text-align: center;">7</td> </tr> <tr> <td>MA - MV</td> <td style="text-align: center;">79</td> <td style="text-align: center;">29</td> <td style="text-align: center;">29</td> <td style="text-align: center;">4</td> </tr> <tr> <td>MA - NS</td> <td style="text-align: center;">16</td> <td style="text-align: center;">6</td> <td style="text-align: center;">6</td> <td style="text-align: center;">2</td> </tr> <tr> <td>MA - SE</td> <td style="text-align: center;">115</td> <td style="text-align: center;">43</td> <td style="text-align: center;">43</td> <td style="text-align: center;">10</td> </tr> <tr> <td>MA - SS</td> <td style="text-align: center;">119</td> <td style="text-align: center;">43</td> <td style="text-align: center;">43</td> <td style="text-align: center;">8</td> </tr> <tr> <td>MA - West</td> <td style="text-align: center;">17</td> <td style="text-align: center;">6</td> <td style="text-align: center;">6</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Nantucket</td> <td style="text-align: center;">5</td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rhode Island</td> <td style="text-align: center;">234</td> <td style="text-align: center;">88</td> <td style="text-align: center;">88</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Total:</td> <td style="text-align: center;">671</td> <td style="text-align: center;">247</td> <td style="text-align: center;">247</td> <td style="text-align: center;">50</td> </tr> </tbody> </table>	Received From	Resources	Crews	On Property	69	27	Direct Contact	602	220	Mutual Aid	0	0	Total:	671	247	Staging Site	Resources	Crews	Buckets	Diggers	MA - Central	86	30	30	7	MA - MV	79	29	29	4	MA - NS	16	6	6	2	MA - SE	115	43	43	10	MA - SS	119	43	43	8	MA - West	17	6	6	2	Nantucket	5	2	2	0	Rhode Island	234	88	88	17	Total:	671	247	247	50																													
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National Grid New England States Pre-Event Stage Briefing Agenda

	TBD / Granite	0	2	0	0	0	2
	NE North Total	45	5	28	0	73	5
	New England Total	114	9	102	0	216	9
	<ul style="list-style-type: none"> ➤ Got an additional 5 crews for North Shore ➤ Trying to get one on Nantucket, but unable to due to the ferry; may send Saturday if needed 						
11	SERP Lead, Storm Rooms <ul style="list-style-type: none"> ➤ Ready to go 						
12	SERP Lead, Wires Down <ul style="list-style-type: none"> ➤ Ready to go 						
13	SERP Lead, Damage Assessment <ul style="list-style-type: none"> ➤ Placing DA Resources on Standby, working with Storm Rooms for activation as needed 						
14	State Environmental Officer <ul style="list-style-type: none"> ➤ Branch Environmental Coordinators are all activated as well as support for Transmission 						
15	State Planning Section Chief <ul style="list-style-type: none"> ➤ About 80% staffed at this time, continuing to fill the vacancies ➤ First A & B Reports will go out Friday at 8:00 am, when the State EOC Opens 						
16	State Liaison Officer <ul style="list-style-type: none"> ➤ All staff is activated ➤ Monitoring EMAs in both states for potential activations ➤ Reached out to regulatory agencies yesterday and will do the same today 						
17	Regulatory Liaison, MA & RI <ul style="list-style-type: none"> ➤ 						
18	State Public Information Officer <ul style="list-style-type: none"> ➤ No media inquiries yet ➤ Preparing messaging for social media and also a press release later this afternoon 						
19	Customer Contact Center Lead <ul style="list-style-type: none"> ➤ Life Support and Critical Facility calls will go out at 1:00 pm today ➤ Staffing plan is in place ➤ Utilizing 3rd party vendors and upstate NY Team 						
20	Customer Engagement <ul style="list-style-type: none"> ➤ 						
21	State Logistics Section Chief <ul style="list-style-type: none"> ➤ Have secured hotels, meals, and lodging for today ➤ Continuing to do the same for tomorrow, a little over half done 						
22	State Security Officer <ul style="list-style-type: none"> ➤ Ready to go 						
23	IS Event Lead <ul style="list-style-type: none"> ➤ Working with Storm Rooms to provide support for all shifts ➤ Monitoring in place for systems, including OMS 						

National Grid New England States Pre-Event Stage Briefing Agenda

	<ul style="list-style-type: none"> ➤ Reviewing planned maintenance for the upcoming weekend in case it needs to be postponed
24	State HR Section Chief <ul style="list-style-type: none"> ➤ No exceptions
25	State Finance Section Chief <ul style="list-style-type: none"> ➤ Preparing accounting memo that will be distributed this afternoon
26	Emergency Planning Support <ul style="list-style-type: none"> ➤ Please provide all remaining resource counts to support accurate reporting ➤ Please also submit Org Chart information asap
27	NE States Incident Commander <ul style="list-style-type: none"> ➤ Closing Remarks <ul style="list-style-type: none"> • Reach out to Mike with anything that comes up today - we are in good shape • There is some weather coming through today, more thunderstorms but also the possibility of an isolated tornado in western MA • Thank you all
28	Next Scheduled Call - Date & Time <ul style="list-style-type: none"> • 07/09/2021 0800

National Grid New England States Restoration Stage Briefing Agenda

MEETING INFORMATION			
Date:	07/09/2021	Time:	0800
Call Details:	Microsoft Teams Meeting		

KEY MEETING PARTICIPANTS			
D = Delegate X = in attendance			
Name	Present	Name	Present
State Incident Commander/Mike McCallan	X	State Planning Section Chief/Ryan Constable	X
State Safety & Health Officer/Bob Preshong	X	State Liaison Officer/John Isberg	X
Control Center Lead/Mike Gallagher	X	Regulatory Liaisons, MA & RI/Lynne Nadeau, Kate Grant	X
State Operations Section Chief/Tanya Moniz-Witten	X	State Public Information Officer/John Lamontagne	X
Substation Lead/Bob Brawley	X	Customer Contact Center Lead/Trina Dombroski	X
Transmission Restoration Lead/Andrew Schneller	X	Customer Engagement/	
External Line Resource Lead/Oriana Sharwani	X	State Logistics Section Chief/Kathy Fujita	X
SERP Lead, Forestry/Seth Bernatchez	X	State Security Officer/John Jackson	X
SERP Lead, Storm Rooms/Kevin Hellmuth	X	IS Event Lead/Fran DiLeonardo	X
SERP Lead, Wires Down/Mark Correia	X	State HR Section Chief/Maria Marotta	X
SERP Lead, Damage Assessment/Elton Prifti	X	State Finance Section Chief/Eric Gottleib	X
State Environmental Officer/Pete Harley	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"> ➤ Slips, trips, and falls – high potential today with the weather conditions ➤ Make sure everyone wears proper PPE and footwear ➤ Planning is the key, plan for the job, conduct a thorough Job Brief, make sure all understand their responsibilities especially those coming onto the job site, identify all the hazards that might contribute to slips/trips/falls, keep the work zone clean
2	<p>Weather Forecast – State Incident Commander/DTN Representative</p> <p>SYNOPSIS: Rain and coastal wind gusts will continue to increase through the morning as Elsa continues to push into the region. Heavy rain with embedded thunderstorms will become the story for most areas, although lightning amounts will likely remain very low. Tropical Storm Elsa is expected to pass through Southeast MA this afternoon with the strongest winds then occurring over Coastal RI/South Shore/Nantucket. Rain and winds will quickly taper off by late afternoon as Elsa departs the region, giving way to a brief period of dry or mostly dry weather during the evening. By tonight, a secondary round of thunderstorms is expected to develop and move across the territory from west to east, diminishing through the overnight hours. The remainder of Saturday looks to be dry and hazard-free for most, although a few isolated showers may pop up during the afternoon and evening. Sunday has the potential to be the dry day for northern areas, although scattered showers may be possible across southern areas. Chances for scattered showers will return for Monday and Tuesday across the territory.</p>

National Grid New England States Restoration Stage Briefing Agenda

WIND IMPACT FRIDAY: Winds beginning east-southeast but likely turning northeast then northwest for Friday afternoon/evening though wind direction will greatly depend on the actual position of the storm center as it passes the region.

Region	Timing	Sustained Winds	Common Gusts	Peak Gusts	EEl-2/3 Gust Chances
South Shore/Nantucket	9am-7pm Fri	ESE 25-35 mph	35-45 mph	45-55 mph	70%/20%
Coastal RI	8am-5pm Fri	ESE 15-25 mph	25-30 mph	35-45 mph	50%/-
North Shore	10am-7pm Fri	ESE 15-20 mph	25-30 mph	30-35 mph	20%/-

THUNDERSTORM IMPACT FRIDAY MORNING/AFTERNOON:

Region	Timing	T-Storm Chances	Lightning	T-Storm Gusts	EEl-2 Gust Chances
Western MA	5am-3pm Fri	20%	Low	30-35 mph	10%
Charlestown	11am-2pm Fri	10%	Low	30-35 mph	10%
Eastern MA/RI/Nantucket	8am-5pm Fri	30%	Low	30-45 mph	20%

THUNDERSTORM IMPACT FRIDAY NIGHT:

Region	Timing	T-Storm Chances	Lightning	T-Storm Gusts	EEl-2 Gust Chances
Western MA/Charlestown/Lebanon	8pm Fri-1am Sat	30%	Low-Medium	35-45 mph	20%
Eastern MA/RI/Nantucket	10pm Fri-6am Sat	20%	Low	30-45 mph	10%

PRECIPITATION IMPACT: As rain and storms move through the region over the next couple of days, including heavy downpours from Tropical Storm Elsa, rain totals across the region will approach 2-3", with locally higher totals as high as 4" possible in localized regions. These totals could change dependent on Elsa's final track, although the heaviest precipitation will likely favor central/eastern MA and the Seacoast/Merrimack regions of NH. Additional accumulations will be possible tonight/overnight in association with thunderstorms that may develop behind the departing tropical storm.

Region	Timing	Rainfall
Western MA/Charlestown/Lebanon	Continuing-1am Sat	0.75-1.50"
Central MA/Salem/Merrimack Valley/North Shore	Continuing-6am Sat	1.50-3.50"
RI/South Shore/Southeast	Continuing-5am Sat	1.00-3.00"
Nantucket	Continuing-6am Sat	0.50-1.25"

- 3
- NE State Incident Commander**
 - **Define the Operational Period**
 - **1st OP, Friday 0800 to Saturday 0800**
 - **Provide overview of the Emergency activities; current size and complexity**
 - **High winds and Heavy rain**

National Grid New England States Restoration Stage Briefing Agenda

[7:45] Management Outage Summary [▶▶]			
Drag a column header here to group by that column			
Crew Area	Total Customers Interrupted	Customers Served	Active Outages
Attleboro	0	39,959	0
Brockton	0	97,331	0
Chopmist	3	20,469	3
Gloucester	0	24,004	0
Hopedale	1,502	59,320	2
Lynn	52	44,520	1
Malden	0	127,555	0
North Adams	262	20,539	1
North Andover	2	110,913	2
Northampton	0	19,785	0
Spencer	134	37,061	2
Tewksbury	0	118,529	0
Uxbridge	1	22,931	1
Westerly	9	43,258	3
Weymouth	0	90,768	0
	1,965	876,942	15

- Declare Event Level for both MA and RI
 - TYPE 3 for Ma and RI at 0800, Friday
- Identify Branches affected
 - All
- Identify State EOC status and position activation
 - State EOC is open at 0800, today both in person or remote.
- Establish Emergency Objectives
- Zero Safety Incidents during the event.
 - Zero injuries, switching incidents and RTC's for all employees and contractors.
 - Zero injuries to the Members of Public.
- Respond to all Wires Down with Police and Fire Standing by the required timeframes.
- Monitor critical facility lists.
- Successfully on-board all new external resources prior to assigning work.
- Establish and maintain effective communications with all customers and regulators during the event.

4	State Safety & Health Officer <ul style="list-style-type: none"> ➤ No exceptions ➤ All have been onboarded
5	Control Center Lead <ul style="list-style-type: none"> ➤ No exceptions
6	State Operations Section Chief <ul style="list-style-type: none"> ➤ 7 Storm Rooms activating ➤ Focused on Safety, effective tailboards ➤ Ready to go
7	Substation Lead <ul style="list-style-type: none"> ➤ No exceptions
8	Transmission Restoration Lead <ul style="list-style-type: none"> ➤ No exceptions

National Grid New England States Restoration Stage Briefing Agenda

9	<p>External Line Resource Lead</p> <ul style="list-style-type: none"> ➤ One additional crew to add to the numbers below ➤ 245 crews on property, 3 more to arrive ➤ 19 crews to go on rest at 9am, will return for the night shift <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Staging Site</th> <th style="text-align: center;">Resources</th> <th style="text-align: center;">Crews</th> <th style="text-align: center;">Buckets</th> <th style="text-align: center;">Diggers</th> </tr> </thead> <tbody> <tr><td>MA - Central</td><td style="text-align: center;">78</td><td style="text-align: center;">28</td><td style="text-align: center;">28</td><td style="text-align: center;">6</td></tr> <tr><td>MA - MV</td><td style="text-align: center;">79</td><td style="text-align: center;">29</td><td style="text-align: center;">29</td><td style="text-align: center;">4</td></tr> <tr><td>MA - NS</td><td style="text-align: center;">16</td><td style="text-align: center;">6</td><td style="text-align: center;">6</td><td style="text-align: center;">2</td></tr> <tr><td>MA - SE</td><td style="text-align: center;">124</td><td style="text-align: center;">46</td><td style="text-align: center;">46</td><td style="text-align: center;">11</td></tr> <tr><td>MA - SS</td><td style="text-align: center;">119</td><td style="text-align: center;">45</td><td style="text-align: center;">45</td><td style="text-align: center;">8</td></tr> <tr><td>MA - West</td><td style="text-align: center;">17</td><td style="text-align: center;">6</td><td style="text-align: center;">6</td><td style="text-align: center;">2</td></tr> <tr><td>Nantucket</td><td style="text-align: center;">5</td><td style="text-align: center;">2</td><td style="text-align: center;">2</td><td style="text-align: center;">0</td></tr> <tr><td>Rhode Island</td><td style="text-align: center;">228</td><td style="text-align: center;">85</td><td style="text-align: center;">85</td><td style="text-align: center;">17</td></tr> <tr> <td style="text-align: right;">➤ Total:</td> <td style="text-align: center;">666</td> <td style="text-align: center;">247</td> <td style="text-align: center;">247</td> <td style="text-align: center;">50</td> </tr> </tbody> </table>	Staging Site	Resources	Crews	Buckets	Diggers	MA - Central	78	28	28	6	MA - MV	79	29	29	4	MA - NS	16	6	6	2	MA - SE	124	46	46	11	MA - SS	119	45	45	8	MA - West	17	6	6	2	Nantucket	5	2	2	0	Rhode Island	228	85	85	17	➤ Total:	666	247	247	50													
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15	<p>State Planning Section Chief</p> <ul style="list-style-type: none"> ➤ First Regulatory A and B reports have been issued ➤ Staying at Blue Sky ETRs until conditions warrant moving to Assessing Conditions 																																																															

National Grid New England States Restoration Stage Briefing Agenda

16	State Liaison Officer <ul style="list-style-type: none"> ➤ No exceptions
17	Regulatory Liaison, MA & RI <ul style="list-style-type: none"> ➤ MEMA is open, we are waiting to see if we will need to provide virtual representation ➤ Will provide regulatory updates today for both MA and RI
18	State Public Information Officer <ul style="list-style-type: none"> ➤ Received 11 media calls so far, sent press release in response ➤ Social Media postings on safety have been issued ➤ Texting and emailing customers as needed
19	Customer Contact Center Lead <ul style="list-style-type: none"> ➤ Life Support / Critical Facility calls were made yesterday at 1pm ➤ Staffed and ready to go
20	Customer Engagement <ul style="list-style-type: none"> ➤
21	State Logistics Section Chief <ul style="list-style-type: none"> ➤ 90% complete for securing hotels, working on the last 10% ➤ Trailer in RI Staging Site is being moved to correct location
22	State Security Officer <ul style="list-style-type: none"> ➤ No exceptions
23	IS Event Lead <ul style="list-style-type: none"> ➤ No exceptions
24	State HR Section Chief <ul style="list-style-type: none"> ➤ No exceptions
25	State Finance Section Chief <ul style="list-style-type: none"> ➤ Pre-Event accounting memo has been completed, will check on its distribution ➤ Restoration stage accounting memo being prepared
26	Emergency Planning Support <ul style="list-style-type: none"> ➤ No NAMAG companies asking for a call ➤ Continue to review the org chart and contact Steve with any changes ➤ Continue to use the checklists ➤ Mike – <u>expectation is that all will use the checklists and submit them electronically post storm, if anyone needs help reach out to EP</u>
27	NE States Incident Commander <ul style="list-style-type: none"> ➤ Closing Remarks <ul style="list-style-type: none"> • Chris – this team is calm and ready, we have been through many events and done a very good job, the team will do the same today; be aware of transitions while working, they can create the chance for safety issues to occur; we have a great plan in place • Mike – thank you all for being prepared
28	Next Scheduled Call - Date & Time <ul style="list-style-type: none"> • 07/09/21, 1800

National Grid New England States Restoration Stage Briefing Agenda

MEETING INFORMATION

Date:	07/09/2021	Time:	1800
Call Details:	Microsoft Teams Meeting		

KEY MEETING PARTICIPANTS

D = Delegate X = in attendance

Name	Present	Name	Present
State Incident Commander/Mike McCallan	X	State Planning Section Chief/Ryan Constable	X
State Safety & Health Officer/Bob Preshong	X	State Liaison Officer/John Isberg	X
Control Center Lead/Mike Gallagher	X	Regulatory Liaisons, MA & RI/Lynne Nadeau, Kate Grant	X
State Operations Section Chief/Tanya Moniz-Witten	X	State Public Information Officer/John Lamontagne	X
Substation Lead/Bob Brawley	X	Customer Contact Center Lead/Trina Dombroski	X
Transmission Restoration Lead/Andrew Schneller	X	Customer Engagement/	
External Line Resource Lead/Oriana Sharwani	X	State Logistics Section Chief/Kathy Fujita	X
SERP Lead, Forestry/Seth Bernatchez	X	State Security Officer/John Jackson	X
SERP Lead, Storm Rooms/Kevin Hellmuth	X	IT Event Lead/Fran DiLeonardo	X
SERP Lead, Wires Down/Mark Correia	X	State HR Section Chief/Maria Marotta	X
SERP Lead, Damage Assessment/Elton Prifti	X	State Finance Section Chief/Eric Gottlieb	X
State Environmental Officer/Pete Harley	X	Emergency Planning Support/Jane Becker	X

SERP Lead = State Emergency Response Process Lead

#	Agenda Item
1	Safety Message – State Safety & Health Officer <ul style="list-style-type: none"> ➤ Going into the evening, a reminder on hi-vis clothing – its purpose is so the public can see you; replace hi visibility clothing that’s torn, cracked, severely faded, burnt, covered in dirt or if the brightness level has gone down significantly.
2	Weather Forecast – State Incident Commander/DTN Representative <ul style="list-style-type: none"> ➤ TONIGHT: Rain has ended by this evening, then widely scattered showers and occasional thunderstorms are possible from west to east this evening and fading later tonight into mostly a few showers.
3	NE State Incident Commander <ul style="list-style-type: none"> ➤ Define the Operational Period <ul style="list-style-type: none"> ▪ 1st OP, Friday 0800 to Saturday 0800 ➤ Provide overview of the Emergency activities; current size and complexity <ul style="list-style-type: none"> ▪ High winds and Heavy rain

National Grid New England States Restoration Stage Briefing Agenda

[5:36] Municipal Storm Summary By Town					
Drag a column header here to group by that column					
Area	Peak Customers Affected	Current Customers Affected	Total Customers Restored	Total Customers Affected	Total Outages Restored
Massachusetts	6,835	717	22,690	23,407	89
Rhode Island	5,303	43	8,615	8,658	42
		760	31,305	32,065	131

- Declare Event Level for both MA and RI
 - Transitioning from a TYPE 3 to a TYPE 4 for MA and RI at 1800, Friday
- Identify Branches affected
 - All
- Identify State EOC status and position activation
 - State EOC will close at 1815.
- Establish Emergency Objectives
- Zero Safety Incidents during the event.
 - Zero injuries, switching incidents and RTC's for all employees and contractors.
 - Zero injuries to the Members of Public.
- Respond to all Wires Down with Police and Fire Standing by the required timeframes.
- Monitor critical facility lists.
- Establish and maintain effective communications with all customers and regulators during the event.

4	State Safety & Health Officer <ul style="list-style-type: none"> ➤ No incidents, great job by the Team
5	Control Center Lead <ul style="list-style-type: none"> ➤ Working on the plan to re-centralize ➤ Currently have (3) 23kv lines out, only affecting 1 customer ➤ 2 mainline feeders are still out ➤ Plan to take dispatch back over the next few hours
6	State Operations Section Chief <ul style="list-style-type: none"> ➤ Confirmed, no safety incidents ➤ Currently have 767 customers affected, 44 outages, 9 Critical Facilities, 2 Life Support ➤ Damage has been mostly downed trees and wires ➤ Most storm rooms will be closing between 18:30 and 19:00 ➤ Still have crews on overnight ➤ Latest ETRs are 20:00 ➤ Working on demobilization
7	Substation Lead <ul style="list-style-type: none"> ➤ Transitioning, monitoring flood watches until they are no longer active
8	Transmission Restoration Lead <ul style="list-style-type: none"> ➤ No transmission interruptions during this event ➤ Keeping one transmission crew on in the Hull area
9	External Line Resource Lead <ul style="list-style-type: none"> ➤ Executing demobilization, except for night crews
10	SERP Lead, Forestry <ul style="list-style-type: none"> ➤ Starting to scale back, have coverage overnight as needed

National Grid New England States Restoration Stage Briefing Agenda

	<ul style="list-style-type: none"> ➤ All externals will be released tomorrow morning
11	SERP Lead, Storm Rooms <ul style="list-style-type: none"> ➤ Good day in the storm rooms ➤ Recentralizing now ➤ Providence and North Kingstown will recentralize first, will continue northward
12	SERP Lead, Wires Down <ul style="list-style-type: none"> ➤ Most WD rooms closed around 3pm, except Merrimack Valle and North Shore, to clear the last round of weather
13	SERP Lead, Damage Assessment <ul style="list-style-type: none"> ➤ No exceptions
14	State Environmental Officer <ul style="list-style-type: none"> ➤ Single transformer spill in Wilbraham, MA
15	State Planning Section Chief <ul style="list-style-type: none"> ➤ Issued final A & B Reports ➤ Reminder to manage ETRS through the rest of the night
16	State Liaison Officer <ul style="list-style-type: none"> ➤ Only sent outgoing updates today, did not receive any incoming requests
17	Regulatory Liaison, MA & RI <ul style="list-style-type: none"> ➤ Type change has been communicated to DPU ➤ Will send one final update tonight for MA and RI
18	State Public Information Officer <ul style="list-style-type: none"> ➤ 15 media inquiries, activity has slowed down ➤ Taking alerts off the website, and going back to normal on Social Media
19	Customer Contact Center Lead <ul style="list-style-type: none"> ➤ Demobilizing in progress
20	Customer Engagement <ul style="list-style-type: none"> ➤
21	State Logistics Section Chief <ul style="list-style-type: none"> ➤ Transitioning back to normal ➤ Hotels are in place for this evening ➤ Jorge Sousa will be back at 9pm
22	State Security Officer <ul style="list-style-type: none"> ➤
23	IT Event Lead <ul style="list-style-type: none"> ➤ Initiating demobilization ➤ No night shifts ➤ Put normal maintenance back on tomorrow
24	State HR Section Chief <ul style="list-style-type: none"> ➤ No exceptions
25	State Finance Section Chief

National Grid New England States Restoration Stage Briefing Agenda

	<ul style="list-style-type: none">➤ Sending out the second accounting memo soon
26	Emergency Planning Support <ul style="list-style-type: none">➤ Please remember to turn in completed checklists, for those with Key Positions
27	NE States Incident Commander <ul style="list-style-type: none">➤ Closing Remarks<ul style="list-style-type: none">• Great job everyone, a lot of planning and preparation took place – need to be prepared as a 20 mile movement in storm track can make a huge difference in the effects we experience, we were fortunate• Appreciate all the time and effort – thank you
28	Next Scheduled Call - Date & Time <ul style="list-style-type: none">• No Calls scheduled

Appendix B

Please see the Excel version of Appendix B.

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.