

March 18, 2024

VIA ELECTRONIC MAIL

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

RE: Docket No. D-11-94 - Review of Preparedness and Restoration Efforts by the State's Electric Utility Companies Related to Tropical Storm Irene December 18, 2023 Storm Summary Report

Dear Ms. Massaro:

In accordance with the Rhode Island Division of Public Utilities and Carriers ("Division") Order No. 20814 (November 20, 2012) in Docket No. D-11-94, I have attached an electronic version of Rhode Island Energy's¹ summary report on the planning and restoration activities associated with the December 18, 2023 storm. Order No. 20814 directs Rhode Island Energy to file a final written report with the Division within 90 days following major storm events.

The December 18, 2023 storm 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 matter. If you have any questions, please contact me at 401-578-2700.

Very truly yours,



Celia B. O'Brien

Attachment

cc: Docket No. D-11-94 Service List

¹ The Narragansett Electric Company d/b/a Rhode Island Energy ("Rhode Island Energy" or the "Company").

Rhode Island Energy

The Narragansett Electric Company

Report on December 18, 2023 Storm, Damage Assessment and Service Restoration

March 18, 2024

Docket No. 2509

Submitted to:
Rhode Island Public Utilities Commission

Submitted by:



Rhode Island Energy™

a PPL company

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**REPORT ON BEHALF OF
THE NARRAGANSETT ELECTRIC COMPANY D/B/A RHODE ISLAND ENERGY
ON THE DECEMBER 18, 2023 STORM DAMAGE ASSESSMENT AND SERVICE
RESTORATION EFFORTS**

I. EXECUTIVE SUMMARY

The Narragansett Electric Company d/b/a Rhode Island Energy (“Rhode Island Energy” or the “Company”) presents the following report on the planning and restoration activities associated with the December 18, 2023 storm (the “Storm”), which impacted Rhode Island and other states in the Northeast. For pre-planning purposes, the Company classified the Storm as a Rhode Island Energy Type 3 emergency event, 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. Initially, the Storm had been classified as a Type 4 Event, 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 at peak. The Storm was upgraded to a Type 3 after wind and rainfall total estimates were upgraded by the weather services. The determination was made immediately after the first Restoration Briefing held on December 18, 2023, at 10:00 a.m. The Storm was projected to bring hazardous and strong wind, especially along the coasts, heavy rainfall, and possible river and coastal flooding to already saturated soil and swollen rivers from recent previous weather events. The Storm interrupted power to 68,137 (approximately 27,998 at peak) of the Company’s customers. Overall, 5.51 percent of the Company’s customers in Rhode Island experienced outages, with 38 of the 38 communities served in Rhode Island impacted.

The Company began monitoring the Storm on the morning of Wednesday, December 13, 2023, because initial weather forecasts identified a potentially strong wind and rain system approaching from the south. The event was expected to impact much of New England, but considerable uncertainty remained in determining the amount of rain and top wind speeds of the storm. The Company continued to review the weather forecasts, factoring in the cumulative conditions of recent rainfall and wind the Company’s system had experienced and considered measures for the possibility that the Storm would damage the Company’s electric distribution system.

The Company began preparing for the Storm on Thursday, December 14, 2023, at 8:30 a.m., by conducting an Operations Planning Call, during which the Company reviewed the weather forecast and began preparing for the possibility that the Storm would impact the Company’s electric distribution system. The Company held a second Operations Planning Call on the morning of December 15, 2023, at 8:30 a.m. and one Pre-Event Briefing Call on December 15, 2023, at 3:00 p.m. As part of its response to the Storm, the Company opened the Storm Room and Municipal Room in Providence at approximately 6:00 a.m. and the Wires Down Room in Providence at approximately 7:30 a.m. on Monday, December 18, 2023.

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 70.5 hours from the time of the first customer outage. From the time of peak customers impacted, the Company restored 95 percent of the outages in 53 hours. Power was restored to the final customer impacted by the Storm on Wednesday, December 20, 2023, at approximately 11:40 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 the 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 Incident Commander is primarily responsible for establishing the projected and actual incident classification level for the Storm. See Table 1 below for Incident Classification Actions.

Table 1. Incident Classification Actions

Action Performed	Date and Time
Incident Commander Named	December 15, 2023; approx. 3:00 p.m.
Initial Event Classification Type – 3	December 18, 2023; approx. 10:00 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 to maintain situational awareness and relay the specifics of the emergency. See Table 2 below for the Storm ICS Actions.

Table 2. ICS Actions

Actions Performed	Date and Time
Operations Planning Call #1	December 14, 2023; approx. 8:30 a.m.
Operations Planning Call #2	December 15, 2023; approx. 8:30 a.m.
Pre-Event Briefing #1	December 15, 2023; approx. 3:00 p.m.
Storm Room opened in Providence	December 18, 2023; approx. 6:00 a.m.
Wires Down Room opened in Providence	December 18, 2023; approx. 7:30 a.m.
Municipal Room opened in Providence	December 18, 2023; approx. 6:00 a.m.
Restoration Stage Briefing #1	December 18, 2023; approx. 10:00 a.m.
Restoration Stage Briefing #2	December 18, 2023; approx. 7:00 p.m.
Restoration Stage Briefing #3	December 19, 2023; approx. 10:00 a.m.
Restoration Stage Briefing #4	December 19, 2023; approx. 7:00 p.m.
Restoration Stage Briefing #5	December 20, 2023; approx. 10:00 .m.

C. Determination of Crew Needs and Pre-Staging

Given the potential magnitude of the Storm and forecast of hazardous winds and potential rain, the Company secured crews in advance from its contractors of choice and other outside contractors to support restoration efforts 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 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 began monitoring the Storm on the morning of Wednesday, December 13, 2023, because initial weather forecasts identified a newly forming weather pattern that was expected to impact much of New England. Strong to potentially damaging winds across southeastern New England were expected, with a risk for river and coastal flooding. These initial forecasts also highlighted the challenges of predicting the exact trajectory and timing, sustained wind speeds and gusts maximum, rain totals, and storm surge. This ambiguity would remain in the following reports and contain a meaningful bearing on the specific precipitation that also would correlate to system impacts.

On the morning of Sunday, December 17, 2023, the forecast remained consistent that strong damaging winds would impact southern Rhode Island late in the evening and into late Monday, December 18, 2023. Average winds gusts were predicted to be between 45-50 mph along the interior, with maximum gusts in the 55-60 mph range along the coast. The storm rainfall forecast predicted two to three inches of rain across the state with minor to moderate coastal flooding predicted and minor to moderate river and steam flooding, which increased likelihood of street flooding.

On the evening of Sunday, December 17, 2023, the forecasts remained consistent but described higher wind gusts up to 50-70 mph, especially along the coast. Also, the coastal flooding advisory was expanded to the upper part of Rhode Island and southeastern Massachusetts to coincide with the midday high tide. As a result, the Company completed the final plans to prepare for the oncoming weather event with plans to open the Storm Room in Providence at 6:00 a.m. on Monday, December 18, 2023.

B. Impact

Ultimately, the Storm was a long duration weather event that resulted in moderate damage to the Company's electrical system. The Storm brought heavy rain and strong wind gusts to the state. Peak wind gusts were generally in the 55-65 mph range, with Providence experiencing a peak gust of 62 mph, with 1.6 inches of rain accumulated. The Towns of Foster and Glocester were affected most heavily with 100 percent of customers impacted by the event. See Table 3 below for the Storm impact.

Table 3. Storm Impact

Total Customers Impacted	68,137
Peak Customers Impacted	27,998
Date and Time of Peak	December 18, 2023; 11:06 a.m.
Date and Time Final Customer Was Restored	December 20, 2023; 11:40 p.m.
Number of Municipalities That Experienced Interruptions	38
Number of Distribution Feeders That Experienced Interruptions	138

Figure 1 below shows the number of customers interrupted and restored, by hour, for the period of December 18-20, 2023.

Figure 1

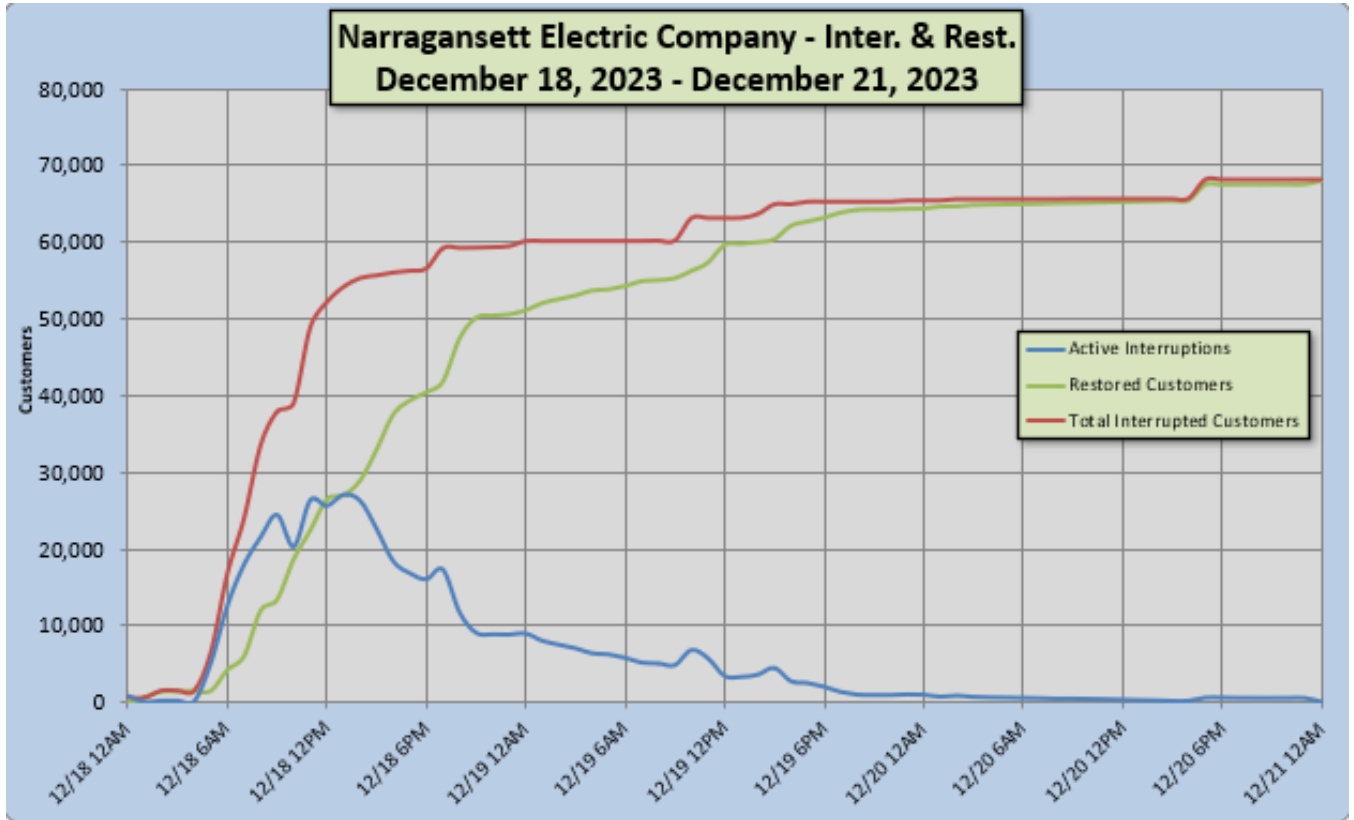


Figure 2 below shows all municipalities that experienced interruptions during the Storm.

Figure 2

Town Name	Customers Served	Total Customers Interrupted	Percent of Total
BARRINGTON	6,940	737	10.62%
BRISTOL	10,499	1,528	14.55%
BURRILLVILLE	2,675	1,072	40.07%
CENTRAL FALLS	7,482	2,393	31.98%
CHARLESTOWN	5,908	142	2.40%
COVENTRY	14,605	3,209	21.97%
CRANSTON	32,074	254	0.79%
CUMBERLAND	15,806	4,925	31.16%
EAST GREENWICH	6,445	1,662	25.79%
EAST PROVIDENCE	22,672	14,691	64.80%
EXETER	3,168	1,872	59.09%
FOSTER	2,091	3,406	100.00%
GLOCESTER	4,772	5,085	100.00%
HOPKINTON	4,025	1,477	36.70%
JAMESTOWN	3,367	11	0.33%
JOHNSTON	14,125	1,033	7.31%
LINCOLN	10,458	4,082	39.03%
LITTLE COMPTON	2,625	50	1.90%
MIDDLETOWN	8,548	18	0.21%
NARRAGANSETT	10,665	206	1.93%
NEWPORT	15,049	10	0.07%
NORTH KINGSTOWN	14,143	1,005	7.11%
NORTH PROVIDENCE	16,208	125	0.77%
NORTH SMITHFIELD	5,927	3,688	62.22%
PAWTUCKET	34,604	5,057	14.61%
PORTSMOUTH	9,425	171	1.81%
PROVIDENCE	77,351	855	1.11%
RICHMOND	3,690	1,485	40.24%
SCITUATE	4,660	3,404	73.05%
SMITHFIELD	9,142	533	5.83%
SOUTH KINGSTOWN	15,229	1,218	8.00%
TIVERTON	8,423	606	7.19%
WARREN	6,164	2,588	41.99%
WARWICK	40,799	798	1.96%
WEST GREENWICH	2,864	721	25.17%
WEST WARWICK	14,693	397	2.70%
WESTERLY	14,730	6	0.04%
WOONSOCKET	19,173	4,304	22.45%

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 interruptions 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. The hourly chronological restoration assessment in this appendix includes the 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 also established two staging sites to support restoration across the state at Community College of Rhode Island in Warwick and Twin Rivers in Lincoln. The Company dispatched crews to respond to outages from the 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 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 did not deploy Task Force teams for this event. The Company also mobilized the Providence Wires Down Room, with approximately 58 internal wire-down resources available, including wires-down appraisers, cut and clear restoration resources, and stand-by resources.

C. Personnel Resources

As part of its planning process, the Company prepared for a Type 3 event in Rhode Island based on the weather forecasts, resources, and operational situation. The Company's plan remained consistent throughout the #1 Operations Planning Call on December 14, 2023, as well as the #2 Operations Planning Call on December 15, 2023.

The Company secured a total of 450 internal and external field crews¹ to restore power to customers in Rhode Island, consisting of approximately 222 external crews and 224 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-event through complete restoration.

The Incident Commander for Rhode Island Energy did not request mutual assistance from companies in the North Atlantic Mutual Assistance Group ("NAMAG") to support restoration for this event.

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 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, 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 Storm.

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.

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 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 Storm on Wednesday, December 13, 2023, closely monitoring weather forecasts as the storm approached the northeast region. As the weather forecasts developed, the Company held two Operations Planning Calls and one Pre-Event Briefing call to coordinate the needed response from staff and personnel. The Company conducted five Restoration Stage Briefing Calls to execute the restoration objectives (see Table 2 above). See Appendix A for all briefings conducted.

C. Public Officials

1. Governor’s Office

During the Storm, the Company’s Regulatory and Government Affairs staff communicated with the Governor’s office. Additionally, the Company also 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 the Storm. See Table 4 below for a listing of updates along with a brief summary of the update provided.

Table 4. Updates to the Division and OER

Date and Time of Update	Summary of Update Content
December 15, 2023; 5:33 p.m.	Initial notification; weather forecast; resource update; Storm Room plans
December 18, 2023; 12:39 p.m.	Weather update; resource update; Customer Outage and Restoration update
December 18, 2023; 9:22 p.m.	Weather update; Customer Outage and Restoration update; Event Type notification;
December 19, 2023; 12:02 p.m.	Weather update; Customer Outage and Restoration update
December 19, 2023; 8:12 p.m.	Weather update; Customer Outage and Restoration update
December 20, 2023; 11:07 a.m.	Final update; demobilization and Storm Room status

During the event, the Company’s Regulatory and Government Affairs staff provided updates to RIEMA regarding the Company’s storm preparations and restoration efforts. The Company also utilized its RIEMA Liaison to post updates virtually on RIEMA’s WebEOC and support as needed.

3. Municipalities

Based on the anticipated impact from this event, the Company opened the Municipal Room on Monday, December 18, 2023, at 6:00 a.m. The Company was prepared to utilize 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 operations personnel.

D. Customers

The Company communicated with customers during the 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.

See Table 5 below for a detailed listing of each method of communication utilized throughout the Storm.

Table 5. Communication Details

Method of Communication	Purpose of Interaction	Level of Interaction
<u>Report Outage/Outage Follow-up</u>		
Number of Customer Calls Received by Customer Service Rep	Customer reports outage or issue	550
Number of Customer Calls Received by Interactive Voice Response (“IVR”)	Customer reports outage or issue	403
Number of Customer Calls Received by 21 st Century	Customer reports outage or issue	1273
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	1807
<u>Automated Outage Updates</u>		
Number of Inbound and Outbound Text Messages	Outage notification, update, or update request from customer	428,421
Number of emails sent	Outage notification, update, or update request from customer	249,898
Number of outbound calls made	Outage notification, update, or update request from customer	1,050
<u>Web and Social Media</u>		
Number of customer hits on Company website during preparation for, and response to, the event	Customers seeking information	13,519
Number of Facebook posts	Company preparation for the event, safety information, restoration updates	17
Number of tweets/re-tweets posted on Twitter	Company preparation for the event, safety information, restoration updates	17

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 the Storm in Rhode Island, participated in one press conference with the Governor and other state officials, and two press releases were issued. Feedback and comments from media outlets and social media were received and monitored regularly, and overall sentiment was generally neutral.

VI. TECHNOLOGY ISSUES

The Company experienced a minor technology issue with Outage Central. The Rhode Island Energy website and data tracking is currently owned and managed by National Grid under the Transition Services Agreement between National Grid USA Service Company, Inc. and the Company. The Company worked with National Grid and resolved the issue quickly and efficiently in the opening hours of the storm. The issue experienced did not impact the preparation, response, or restoration efforts during the Storm.

VII. CONCLUSION

The Storm impacted the Company’s electrical system, resulting in power outages to 68,137 of the Company’s customers. The damage was caused primarily due to the cumulative issue of ground saturation and strong wind causing tree failure and tree limbs to make contact with the Company’s wires and equipment. 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 53 hours from the time of peak impact. The Company restored power to 100 percent of its customers impacted in approximately 70.5 hours from the time of the first customer impacted and in 29.25 hours from the time of peak impact. Power was restored to the final customer impacted by the Storm on Wednesday, December 20, 2023, at approximately 11:40 p.m.



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December 18, 2023
Appendix A

December 12/18 Wind & Rainstorm: #1 Pre-Event Briefing Agenda

MEETING INFORMATION

Date:	12/15/23	Time:	3:00 pm
Call Details:	MS TEAMS		

KEY MEETING PARTICIPANTS

D = Delegate X = in attendance

Name	Present	Name	Present
Incident Commander/ Kathy Castro	X	Liaison Officer/ Brian Schuster	X
Control Center Lead/ Mike Freitas	X	Logistics Section Chief/ Avia Levin	X
Elect. Ops Section Chief/ Keith Burgoyne	X	Public Information Officer/ Jonna Chokas	X
Planning Section Chief/ Ryan Constable	X	Customer Contact Lead/ Chris Starr	X
Substation Lead/ Chris Araujo	D	Damage Assessment/ John Williams	X
Gas Ops Section Chief/Joe Curley	X	Safety & Environmental Officer/ Brad Labine	X
Transmission Line Lead/ Dan Glenning	X	Security Officer/ Tim Sanzi	X
External Resource Lead/ Brad Wheeler	D	Human Resource Officer/ Kathy Moar	X
Forestry Lead/ Chris Rooney	X	Finance Section Chief/ Brian Grzesiuk	X
Storm Room Lead/ Jack Carey	X	Emergency Planning Lead / Kim Schneider	X
Wires Down/ Ken Wood	D		

#	Agenda Item
1	<p>Safety Message – Brad Labine</p> <p>Holiday Fire Safety: Over 160 home fires each holiday season in the US, causing life and property loss Lighting equipment and home wiring is the leading cause of ignition 45% of the time Don't leave your holiday lights on at night or when leaving the home If you have a natural tree, keep it well hydrated Use GFCI electrical and outdoor lighting for outside use Don't overload your electric circuits</p>
2	<p>Weather Forecast & Predicted Impacts – Steve Parenteau</p> <p>Heavy Rainfall</p> <ul style="list-style-type: none"> 40 to 60 percent chance of 24-hour rainfall exceeding 2 inches across most of southern New England between Sunday night and Monday night Up to a 10 percent chance of 24-hour rainfall exceeding 3 inches west of I-95



90 Day Report December 18, 2023 Appendix A

- *Confidence is high that this will be an all-rain event*

Strong South Wind Gusts (Monday Afternoon)

- 50 to 60 percent chance for 24-hour max wind gusts to exceed 55 mph over the coastal areas
- 20 to 40 percent chance for 24-hour max wind gusts to exceed 55 mph inland, with the highest chances over the high terrain

River Flooding

- Several southern New England River gauges have at least a 30+ percent chance of reaching minor flood stage

Coastal Flooding

- South facing coasts will be at risk for minor to moderate coastal flooding if peak storm surge coincides with the Monday afternoon high tide. Please find attached a probabilistic hydrograph for Narragansett Bay at Fox Point, RI to visualize the current uncertainty.

REGION	TIMING OF HAZARD GUSTS	STRONGEST GUST TIMING	SUSTAINED WINDS	EEL-2 SUSTAINED WINDS	COMMON GUSTS	PEAK GUSTS
Nantucket	11pm Sun-3am Tue	6am Mon-8pm Mon	SE-SW at 20-40 mph	30%	45-55 mph	55-70 mph
South Shore/Coastal Southeast	1am Mon-11pm Mon	8am Mon-8pm Mon	SE-SW at 18-35 mph	-	40-50 mph	50-60 mph
Rest of East Mass	4am Mon-10pm Mon	9am Mon-8pm Mon	SE-SW at 15-30 mph	-	35-45 mph	45-55 mph
Central Mass	4am Mon-9pm Mon	10am Mon-4pm Mon	SE-SW at 14-28 mph	-	30-40 mph	40-50 mph
Western Mass/NH	3am Mon-8pm Mon	12pm Mon-4pm Mon	ESE-SW at 12-25 mph	-	30-40 mph	40-50 mph

REGION	TIMING	HEAVIEST TIMING	RAINFALL	CHANCE OF > 2"
NH/Western/Central Mass	4pm Sun-6pm Mon	5am Mon-1pm Mon	1.50-3.00"	60%
Eastern Mass	6pm Sun-6pm Mon	6am Mon-2pm Mon	1.00-2.50"	40%
Nantucket	8pm Sun-4pm Mon	7am Mon-12pm Mon	0.50-2.00"	20%

3 Incident Commander Update – Kathy Castro

- **Operational Period**
 - 3pm today – 10am Monday
- **Event Type Classification**

Type 4 up to 7% of customers impacted with a requirement to restore 95% of our customers from peak outages within 24 hours
- **Emergency Response Objectives**
 - #1 – Safe preparations & planned operational response for the duration of the event.
 - Prepare your teams to achieve the following:
 - Zero injuries to employees, contractors, and all members of the public
 - Safe vehicle operation & zero roadway traffic collisions
 - #2 – Establish and maintain effective communications with all Customers, Regulators, and External Agencies prior to and during the event
 - #3 – Activate Emergency Response Organization (ERO) staffing & material needs as needed



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Appendix A**

4	Electric Operations Section Chief – Keith Burgoyne OH-Lines will be on pagers starting on Sunday Sunday evening the rotation starts at 10:00 pm across all Platforms A Normal Monday AM start for all other internal OH/UG crews Addressing traffic adjustments due to bridge work along the highways
5	Forestry – Chris Rooney 78 total crews secured
6	Substation Lead – Chris Araujo O&M will be on pagers starting Sunday and into early morning Monday All remaining O&M will have a normal start Monday AM Ready to setup a second shift if needed Monday afternoon
7	Control Center Lead – Mike Freitas Securing additional room staffing now G185 Line will be back in normal configuration before Sunday evening
8	Storm Rooms – Jack Carey Providence Storm Room will open at 6:00 AM on Monday NG IT Desktop Support secured
9	Wires Down – Ken Wood 730 AM Monday Opening
10	External Resource Lead – Brad Wheeler 90 total external crews
11	Transmission – Dan Glenning 2 crews have been secured and can provide SubTx support as needed, starting Monday morning
12	Planning Section Chief – Ryan Constable No exceptions
13	Gas Operations Section Chief – Joe Curley Sunday evening, Gas Field Ops will be on-call and be pre-staged across flood prone areas as the heavy rain arrives



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Appendix A**

14	Damage Assessment – John Williams No Exceptions
15	Logistics Section Chief – Avia Levin All lodging requests have been secured Meals requests are nearly complete, no expected issues No Staging Site requests received, but the teams are ready if needed
16	Customer Contact Center – Chris Starr Life Support and Critical Customer notifications went out at 3:00 PM today Additional Call Center staff is being secured; no issues expected
17	External Liaison Officer – Brian Schuster Municipal Room will be opening on 6AM Monday morning Liaison Org will contact RI agencies regarding the Hurricane barrier status for this event
18	Public Information Officer – Jonna Chokas Social Media messaging will begin Saturday and into Sunday No Press- Released planned or proactive emails to customers, but the team is prepared if the need arises
19	Human Resources Officer – Kathy Moar No Exceptions
20	Finance Section Chief – Brian Grzesiuk Storm Accounting has been created and distributed Please refer Brian to all National Grid requests for this accounting, please do not provide directly
21	Safety & Environmental Officer – Brad Labine No Exceptions
22	Security Officer – Tim Sanzi No Exceptions
23	Emergency Planning – Kim Schneider <ul style="list-style-type: none"> • Reach out early and often for any activation and preparedness support • Consider opportunities to match job-shadow and on-the-job training for new ERO team members • Next call is scheduled for Monday 10am – invites to follow



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24	Closing Remarks - Dave Thank you to all, challenging weather pattern recently, your commitment to our communities is fantastic Please continue to prepare and support your teams
25	Next Scheduled Briefing - Date & Time <ul style="list-style-type: none">• 10:00 am Monday - #1 Restoration Stage Briefing



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December 12/18 Wind & Rain Storm: #1 Restoration Stage Briefing Agenda

MEETING INFORMATION

Date:	12/18/23	Time:	10:00 am
Call Details:	MS TEAMS		

KEY MEETING PARTICIPANTS

D = Delegate X = in attendance

Name	Present	Name	Present
Incident Commander/ Kathy Castro	X	Liaison Officer/ Brian Schuster	X
Control Center Lead/ Mike Freitas	X	Logistics Section Chief/ Avia Levin	X
Elect. Ops Section Chief/ Keith Burgoyne	X	Public Information Officer/ Jonna Chokas	X
Planning Section Chief/ Ryan Constable	X	Customer Contact Lead/ Chris Starr	X
Substation Lead/ Chris Araujo	X	Damage Assessment/ John Williams	X
Gas Ops Section Chief/Joe Curley	X	Safety & Environmental Officer/ Brad Labine	X
Transmission Line Lead/ Dan Glenning	X	Security Officer/ Tim Sanzi	X
External Resource Lead/ Brad Wheeler	X	Human Resource Officer/ Kathy Moar	X
Forestry Lead/ Chris Rooney	X	Finance Section Chief/ Brian Grzesiuk	X
Storm Room Lead/ Jack Carey	X	Emergency Planning Lead / Kim Schneider	X
Wires Down/ Ken Wood	X		

#	Agenda Item
1	<p>Safety Message – Lauren Shamitz Safety stop: If there is a work situation that is unexpected the use of a safety stop. A deliberate stop in work for part of or all of crew that lasts at least 15 minutes due to adrenaline. If there is a near miss for example adrenaline increases causing a decrease in rational thought. Takes about 15 minutes to return to normal. This is why it's important for a full stop, reestablish calm and awareness. Confirm that all is safe and well and that normal work can resume.</p>
2	<p>Weather Forecast & Predicted Impacts – Accuweather Rain to continue, some heavy, are expected through the rest of the morning into the early afternoon. Remaining windy through this afternoon with gusts to 60 mph possible, mainly early and near the coast. Another 1-2 inches of rain expected by 4-5pm today. Slowly decreasing in intensity. Strong southerly winds are a concern with coming high tide, coastal flooding a possibility. 2-4 feet above normal high tide, Newport and Providence for the rest of the day into tomorrow. Gust overnight will be 20-25 mph.</p>



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	<p>Back edge of storm potential to see as high as 60mph gust in the next couple hours, Lightning concern is low if at all, possible isolated if any from now until 2pm.</p>
<p>3</p>	<p>Incident Commander Update – Kathy Castro</p> <p>North Atlantic Situation update</p> <ul style="list-style-type: none"> ▪ Operational Period <ul style="list-style-type: none"> ○ Today 12/18@ 10:00 AM to tonight 7:00PM ▪ Event Type Classification <p>Actual conditions resulted in higher winds at a later start and longer durations, delaying start of work and impacting restoration times. The back end of the storm is forecasted to result in higher winds and rainfall than anticipated. Due to the longer duration and increased intensity of conditions the event is being re-classified as Type 3.</p> <ul style="list-style-type: none"> ○ Type 3, up to 28% of customers impacted with a requirement to restore 95% of our customers from peak outages within 72 hours. <ul style="list-style-type: none"> ▪ Emergency Response Objectives • #1 – Ensure a safe operational response for the duration of the event. <ul style="list-style-type: none"> ○ Zero injuries to employees, contractors, and all members of the public ○ Zero switching incidents ○ Zero roadway & traffic collisions • #2 – Maintain effective and consistent communications with Customers, Regulators, and External Agencies • #3 – Respond to all Police & Fire 911 Standby and Wire Down safety calls within the required time frames • #4 – Assess and prioritize all critical customer & critical facility outages • #5 – Update all Estimated Times of Restoration (ETRs) by 12:00 pm today • #6 – All circuit breakers and reclosers restored by 10pm tonight (~19K customers) and actively work on any new instances moving forward. • #7 - activating DA to assist with new calls, prioritizing 911 calls • #8 – Retirees to support wires down
<p>4</p>	<p>Electric Operations Section Chief – Keith Burgoyne All crews and contractors engaged on restoration 911 calls UG CMS and trouble shooters working Zero safety incidents</p>
<p>5</p>	<p>Forestry – Chris Rooney All crews working, communicating with municipalities for road closures and prioritization Received 400+ tree calls</p>



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6	Substation Lead – Chris Araujo Monitoring water levels, below more than expected. Will continue to monitor, specifically Sockanosset, Westerly and Warren stations.
7	Control Center Lead – Mike Freitas Outage Central issues noted and being addressed.
8	Storm Rooms – Chris Montalto Outage central confirmation of awareness and issues being addressed OR map issue should be resolved
9	Wires Down – Ken Wood Additional resources obtained to address open 911 calls
10	External Resource Lead – Brad Wheeler 107 line crews on property Night crews to be run this evening Additional 25 crews have been secured, 5 arriving around noon today and the remaining arriving late this evening ready for work tomorrow
11	Transmission – Brad Wheeler 27 total resources comprise 7 buckets and 3 diggers
12	Planning Section Chief – Ryan Constable Assessing conditions this morning, ETR plan should go into effect by noon today
13	Gas Operations Section Chief – Joe Curley Due to forecast prepping for high tide, some flooding noted on Niantic Ave though no issues reported. CMS and C&M crews standing by along the coast and Aquidneck. I&R monitoring reg stations Blackstone and Allens Ave. Hurricane Barrier has been engaged and they are running pumps. Gas is polling for wires down support if needed.
14	Damage Assessment – John Williams Mobilized internal personnel and coordinating with Wires Down to support
15	Logistics Section Chief – Avia Levin No exceptions
16	Customer Contact Center – Kristin DeSousa In contact regarding to Outage Central issues and have escalated Continue staffing in 12 hour shifts continuing overnight into tomorrow. Extra coverage on social media. Digital channels and IVR usage to report outages. Service level is high.
17	External Liaison Officer – Brian Schuster Successful outreach with municipalities and regulators. Governor has been positive to our response and preparedness. 11:30 Press conference at RIEMA PIO to attend as well. Municipal calls have been light.



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18	<p>Public Information Officer – Jonna Chokas</p> <p>Social messages continue to be posted on social channels. Current conditions impact restoration efforts. Explain what Assessing Conditions means. Media sentiment neutral, ½ inquires that have been addressed. Press release for 4pm with updates on restoration effort.</p> <p>Please remind your field-based staff to consider opportunities send photos of damage/restoration to: Communications@rienergy.com</p> <p>Or text the images to 401-871-0848 and 401-895-1000</p>
19	<p>Human Resources Officer – Kathy Moar No exceptions</p>
20	<p>Finance Section Chief – Brian Grzesiuk No exceptions</p>
21	<p>Safety & Environmental Officer – Brad Labine On boarding for additional crews scheduled for this evening</p>
22	<p>Security Officer – Paul Gordon No exceptions</p>
23	<p>Emergency Planning – Kim Schneider Please share any improvement opportunities with EP as they arise Invitation to next meeting to follow</p>
24	<p>Next Scheduled Briefing - Date & Time Monday 12/18 7:00pm</p>
25	<p>Closing Remarks</p> <p>Thank you to the team for all your preparations, it is all well worth the effort for our customers. Focus on safety.</p>



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% of Customers Interrupted at Peak	# of Customers Interrupted at Peak						
100%	496,000					Type 1	
50%	248,000				Type 2		
28%	140,000			Type 3			
7%	35,000		Type 4		Type 5		
2%	10,000	Type 5					
0%	0						
		Duration*	4 Hours	24 Hours	72 Hours	120 Hours	250 Hours

*95% of customers restored



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December 12/18 Wind & Rain Storm: #2 Restoration Stage Briefing Agenda

MEETING INFORMATION

Date:	12/18/23	Time:	7:00 pm
Call Details:	MS TEAMS		

KEY MEETING PARTICIPANTS

D = Delegate X = in attendance

Name	Present	Name	Present
Incident Commander/ Kathy Castro	X	Liaison Officer/ Brian Schuster	X
Control Center Lead/ Mike Freitas	X	Logistics Section Chief/ Avia Levin	D
Elect. Ops Section Chief/ Keith Burgoyne	X	Public Information Officer/ Jonna Chokas	X
Planning Section Chief/ Ryan Constable	X	Customer Contact Lead/ Chris Starr	D
Substation Lead/ Chris Araujo	X	Damage Assessment/ John Williams	X
Gas Ops Section Chief/Joe Curley	X	Safety & Environmental Officer/ Brad Labine	X
Transmission Line Lead/ Dan Glenning	X	Security Officer/ Tim Sanzi	X
External Resource Lead/ Brad Wheeler	X	Human Resource Officer/ Kathy Moar	X
Forestry Lead/ Chris Rooney	X	Finance Section Chief/ Brian Grzesiuk	X
Storm Room Lead/ Jack Carey	X	Emergency Planning Lead / Kim Schneider	X
Wires Down/ Ken Wood	X		

#	Agenda Item
1	<p>Safety Message – Brad Labine</p> <ul style="list-style-type: none"> •Moving towards a “learning” safety culture = increase in under-reported incidents. •Good thing – gives us better visibility of what is actually happening out there so that we can raise awareness to avoid something serious. •OSHA’s #1 category of workplace injuries: slips, trips, and falls •Uptick in these types of incidents over the past few weeks. •Recent danger areas: <ul style="list-style-type: none"> •Stairwells – take your time, use the handrails, and be courteous to others sharing the stairs. Also be cautious of wet treads around this time of the year.



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	<ul style="list-style-type: none"> •Parking lots – Ice is not a hazard today, but ‘tis the season, so be careful when you are exiting your vehicle. Take your time and look. Also, painted areas can be slick when wet. •Office Chairs – Be careful when leaning back or scooting around to grab something – they are not a Six Flags ride. •Electric Cords – Keep them out of aisles and highly trafficked areas. We had a good catch upstairs in our storm room during this event. If you see something unsafe and it can be easily corrected, make the correction. At the very least, warn others and allow us to use that discovery as a learning tool by submitting a ticket in first report.
2	<p>Weather Forecast & Predicted Impacts – Steve Parenteau</p> <p>TONIGHT: Mainly dry but a stray rain shower could be possible 8-10pm. Rainfall: less than 0.10". Wind concerns will be less in the evening and any hazard potential should end through the early evening. Winds will be 8-18 mph, gusting to 20-25 mph overnight for most areas by mid to late evening. Lows: Lower 30s to lower 40s.</p> <p>TOMORROW: Rain will continue on the backside of the system as it works its way out of the region. Winds should not be much of a concern but may pick up a bit later Tuesday afternoon/evening. Rainfall: Tr-0.10". Winds: W to NW at 8-18 mph, gusting to 20-25 mph. Highs: Middle 30s to middle 40s, maybe some upper 40s along the coast.</p>
3	<p>Incident Commander Update – Kathy Castro</p> <ul style="list-style-type: none"> ▪ Operational Period <ul style="list-style-type: none"> ○ 7:00 PM tonight – Tuesday, 10:00 AM ▪ Event Type Classification <ul style="list-style-type: none"> ○ Type 3 up to 28% of customers impacted with a requirement to restore 95% of our customers from peak outages within 72 hours. ▪ Emergency Response Objectives <ul style="list-style-type: none"> • #1 – Ensure a safe operational response for the duration of the event. <ul style="list-style-type: none"> ○ Zero injuries to employees, contractors, and all members of the public ○ Zero switching incidents ○ Zero roadway & traffic collisions • #2 – Maintain effective and consistent communications with Customers, Regulators, and External Agencies • #3 – Respond to all Police & Fire 911 Standby and Wire Down safety calls within the required timeframes • #4 – Assess and prioritize all critical customer & critical facility outages • #5 – Update all Estimated Times of Restoration (ETRs) • #6 – 95% of circuit breaker and recloser lock outs back by 10:00 AM tomorrow morning



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4	<p>Electric Operations Section Chief – Mike Hrycin</p> <p>Great progress today, no safety issues All internal crews assigned work, including 911 calls and priority Wires Down 6:00 PM the overnight contractor crews arrived, and all have assigned work for the duration of the shift 10:00 PM the overnight internal crews are set to arrive and assigned work is prepared</p>
5	<p>Forestry – Chris Rooney</p> <p>94 total tree crews Today the Forestry Room team worked with the Municipal Room to support town roadway clearings Night shift crews have started their shift, and all have assigned work</p>
6	<p>Substation Lead – Chris Araujo</p> <p>Keeping an eye on the water levels in Westerly and Warren Some concern still at the Sockanosset Sub, monitoring closely Contingency plans have been determined if flood prone areas, including the 2235 & 2213</p>
7	<p>Control Center Lead – Mike Freitas</p> <p>Working with Substation Team to support pro-active contingency planning Continue to keep up with field restoration switching requests</p>
8	<p>Storm Rooms – Jack Carey</p> <p>ORMap and Outage Central is fully back, no issues Single No-Power call outs have been conducted, resulted in 82 SNP calls being restored</p>
9	<p>Wires Down – Ken Wood</p> <p>Continue to prioritize and respond to police & fire 911 calls</p>
10	<p>External Resource Lead – Brad Wheeler</p> <p>113 Dist. Line crews working 19 crew arriving tonight for work assigned in the morning</p>
11	<p>Transmission – Dan Glenning</p> <p>No Transmission outages T-Line crews supporting Distribution and Sub T restoration</p>
12	<p>Planning Section Chief – Ryan Constable</p> <p>ETR plan in place for the remainder of the event Managing larger outages at a case-by-case with specific ETRs Fuses and smaller outage ETRs will be assessed in detail tomorrow morning</p>



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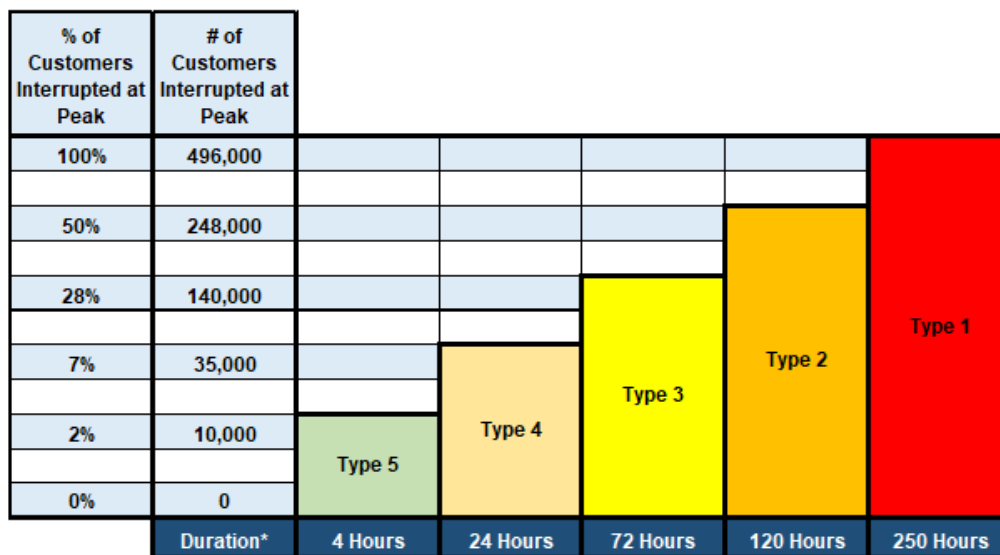
13	<p>Gas Operations Section Chief – Joe Curley</p> <p>Middletown and Westerly areas will continue to be monitored until midnight</p>
14	<p>Damage Assessment – John Williams</p> <p>Internal DA crews have been active today and supporting priority 911 calls</p>
15	<p>Logistics Section Chief – Avia Levin</p> <p>CCRI and Twin River Staging sites opened today as requested No meals and lodging concerns for the duration of the event</p>
16	<p>Customer Contact Center – Kristin DeSousa</p> <p>As of 1:00 PM, the Outage Central issues has been resolved Continue to see the majority of customer outage reporting from digital channels</p>
17	<p>External Liaison Officer – Brian Schuster</p> <p>Working with Elect. Ops to provide a status for the remaining critical facility and schools that remain out Overall positive feedback received 9:00 AM tomorrow is the next Gov. Office and Municipalities</p>
18	<p>Public Information Officer – Jonna Chokas</p> <p>2 media interviews conducted after the 10:00 AM briefing call Social Media feedback has been neutral overall Please continue to provide photos, especially for the overnight</p> <p>Please remind your field-based staff to consider opportunities send photos of damage/restoration to: Communications@rienergy.com</p> <p>Or text the images to 401-871-0848 or 401-895-1000</p>
19	<p>Human Resources Officer – Kathy Moar</p> <p>No exceptions</p>
20	<p>Finance Section Chief – Brian Grzesiuk</p> <p>No exceptions</p>
21	<p>Safety & Environmental Officer – Brad Labine</p> <p>Safety staff are prepared to provide On-Boarding for the remaining external crews arriving tonight 1 environmental spill received in total</p>



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22	Security Officer – Tim Sanzi Security staff assigned to the staging sites, no issues expected
23	Emergency Planning – Kim Schneider NAMAG call earlier today at 1:30PM – there are 1500 contractor crews in NE, with an open request for 750 more All companies are holding crews Next call is tonight at 8pm
24	Next Scheduled Briefing - Date & Time Tuesday 12/19 10:00 AM – invitation to follow
25	Closing Remarks – Dave Bonenberger Thank all, great job under these harsh working conditions This is a multi-day event, so as we continue to progress, stay focused on the task at hand and stay safe

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***95% of customers restored**



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December 12/18 Wind & Rain Storm: #3 Restoration Stage Briefing Agenda

MEETING INFORMATION			
Date:	12/19/23	Time:	10:00 am
Call Details:	MS TEAMS		

KEY MEETING PARTICIPANTS			
D = Delegate X = in attendance			
Name	Present	Name	Present
Incident Commander/ Kathy Castro	X	Liaison Officer/ Brian Schuster	X
Control Center Lead/ Mike Freitas	X	Logistics Section Chief/ Avia Levin	X
Elect. Ops Section Chief/ Mike Hrycin	X	Public Information Officer/ Jonna Chokas	X
Planning Section Chief/ Ryan Constable	X	Customer Contact Lead/ Kristin DeSousa	X
Substation Lead/ Chris Araujo	X	Damage Assessment/ John Williams	X
Gas Ops Section Chief/Joe Curley	X	Safety & Environmental Officer/ Brad Labine	X
Transmission Line Lead/ Dan Glenning	X	Security Officer/ Tim Sanzi	X
External Resource Lead/ Brad Wheeler	X	Human Resource Officer/ Kathy Moar	D
Forestry Lead/ Chris Rooney	X	Finance Section Chief/ Brian Grzesiuk	X
Storm Room Lead/ Jack Carey	X	Emergency Planning Lead / Kim Schneider	X
Wires Down/ Ken Wood	X		

#	Agenda Item
1	<p>Safety Message – Lauren Shamitz</p> <p>Please be vigilant and mindful of Situational Awareness at all times, in all that you do.</p> <p>Smith Driver Training shows us how important horizon scanning is key to safe vehicle operation, but this can also be used when we are walking, using our mobile phone and devices, using stairways, and while entering and existing our vehicles.</p> <ol style="list-style-type: none"> 1. Be aware of things in motion, look side-to-side, but also what is behind and beyond our immediate paths. 2. Don't depend heavily on your vehicle's safety features, traction control, or stopping support, use your situational awareness to anticipate those things in motion.
2	<p>Weather Forecast & Predicted Impacts – Steve Parenteau</p> <p>Today: A slight chance of showers after 3pm. Partly sunny, with a high near 45. West wind 7 to 11 mph. Chance of precipitation is 20%.</p> <p>Tonight:</p>



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	<p>Mostly clear, with a low around 26. Northwest wind 6 to 9 mph.</p> <p><u>Look Ahead:</u></p> <p>Wednesday: Sunny, with a high near 42. North wind 5 to 8 mph.</p> <p>Wednesday Night: Mostly clear, with a low around 29. Northwest wind 7 to 10 mph.</p>
3	<p>Incident Commander Update – Kathy Castro</p> <ul style="list-style-type: none"> ▪ Operational Period <ul style="list-style-type: none"> ○ Today 10am – 7pm tonight ▪ Event Type Classification <ul style="list-style-type: none"> ○ Type 3 up to 28% of customers impacted with a requirement to restore 95% of our customers from peak outages within 72 hours. ▪ Emergency Response Objectives <ul style="list-style-type: none"> • #1 – Ensure a safe operational response for the duration of the event. <ul style="list-style-type: none"> ○ Zero injuries to employees, contractors, and all members of the public ○ Zero switching incidents ○ Zero roadway & traffic collisions • #2 – Maintain effective and consistent communications with Customers, Regulators, and External Agencies • #3 – All existing and new 911 calls addressed within the operating period • #4 – Assess and prioritize all critical customer & critical facility outages • #5 – 95% of peak customers restored by 10PM tonight (2,000 remaining customer outages) • #6 – Update all Estimated Times of Restoration (ETRs)
4	<p>Electric Operations Section Chief – Mike Hrycin</p> <p>The teams meet early this morning prior to the morning crews arriving. Plans for the day’s restoration have been set and priorities, crews have their assignments and are executing</p>
5	<p>Forestry – Chris Rooney</p> <p>No exceptions</p>
6	<p>Substation Lead – Chris Araujo</p> <p>Sock trying to get acc later today to see high water level, if sub can be back in service When safe and able, Stations teams will access the Socknosset Substation to review the high-water levels and evaluate.</p>



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7	Control Center Lead – Mike Freitas Chopmist sub was offloaded to facilitate work on 2227 line restoration expected this afternoon
8	Storm Rooms – Jack Carey No exceptions
9	Wires Down – Ken Wood Continuing to prioritize and respond to police & fire 911 calls
10	External Resource Lead – Brad Wheeler No exceptions
11	Transmission – Dan Glenning T-Line crews continue to support Sub-T restoration
12	Planning Section Chief – Ryan Constable The team continues to manage ETR's promptly – no other exceptions
13	Gas Operations Section Chief – Joe Curley No exceptions
14	Damage Assessment – John Williams Internal DA crews are engaged and supporting field restoration efforts, Wires Down specifically. 7 additional external DA crews have been secured and are expected to be on property at 12:00 pm today.
15	Logistics Section Chief – Avia Levin Working to fulfil the Wire reel need at Twin River staging site
16	Customer Contact Center – Kristin DeSousa No exceptions
17	External Liaison Officer – Brian Schuster Calls with the municipalities and RI Gov. Office went well this morning The municipalities are mostly concerned with the remaining schools to be restored, along with pump stations Woonsocket/Chopmist has the most schools still impacted, Liaison Unit is coordinating with Elect. Ops to provide more precise ETR's for schools that remain out. Request - Please include the Liaison unit on any Crews released to other impacted utility companies for mutual aid
18	Public Information Officer – Jonna Chokas 1 Media Request for information received this morning



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	<p>Continue to post Social Media updates and engage the communities there We are receiving more field photos, thank you for this, but we did not receive any nighttime pictures</p> <p>Please remind your field-based staff to consider opportunities send photos of damage/restoration to: Communications@rienergy.com</p> <p>Or text the images to 401-871-0848 or 401-895-1000</p>
19	<p>Human Resources Officer – Kathy Moar</p> <p>No exceptions</p>
20	<p>Finance Section Chief – Brian Grzesiuk</p> <p>No exceptions</p>
21	<p>Safety & Environmental Officer – Brad Labine</p> <p>We received a report last night that a vehicle entered a RI Energy work zone. Suspected DUI case. No damage or injuries were experienced, law enforcement was notified and took control of the situation upon arrival</p>
22	<p>Security Officer – Tim Sanzi</p> <p>No exceptions</p>
23	<p>Emergency Planning – Kim Schneider</p> <p>NAMAG call last night at 8:00 PM and another at 8am this morning. NE is making good progress overall. Central ME the hardest hit. Some movement of resources starting to be released and being sent to those with active request for crews along with contractor crews from further out ie. Kentucky, Indiana, Illinois.</p> <p>Next call is at 4pm today</p>
24	<p>Next Scheduled Briefing - Date & Time</p> <p>7pm tonight – invite to follow</p>
25	<p>Closing Remarks – Dave Bonenberger</p> <p>Great job to all and excellent restoration efforts last night, keep your focus today and stay safe As we clean up today, please be sensitive that customers may appear to be frustrated Please continue to focus on the non-outage issues caused by the storm, especially going into the holiday week</p>



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% of Customers Interrupted at Peak	# of Customers Interrupted at Peak						
100%	496,000					Type 1	
50%	248,000				Type 2		
28%	140,000			Type 3			
7%	35,000		Type 4				
2%	10,000	Type 5					
0%	0						
		Duration*	4 Hours	24 Hours	72 Hours	120 Hours	250 Hours

*95% of customers restored



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December 12/18 Wind & Rainstorm: #4 Restoration Stage Briefing Agenda

MEETING INFORMATION

Date:	12/19/23	Time:	7:00 PM
Call Details:	MS TEAMS		

KEY MEETING PARTICIPANTS

D = Delegate X = in attendance

Name	Present	Name	Present
Incident Commander/ Al LaBarre	X	Liaison Officer/ Brian Schuster	X
Control Center Lead/ Mike Freitas	X	Logistics Section Chief/ Avia Levin	X
Elect. Ops Section Chief/ Mike Hrycin	X	Public Information Officer/ Jonna Chokas	X
Planning Section Chief/ Ryan Constable	X	Customer Contact Lead/ Kristin DeSousa	X
Substation Lead/ Chris Araujo	X	Damage Assessment/ John Williams	X
Gas Ops Section Chief/Joe Curley	X	Safety & Environmental Officer/ Brad Labine	X
Transmission Line Lead/ Dan Glenning	D	Security Officer/ Tim Sanzi	X
External Resource Lead/ Brad Wheeler	X	Human Resource Officer/ Kathy Moar	X
Forestry Lead/ Chris Rooney	X	Finance Section Chief/ Brian Grzesiuk	X
Storm Room Lead/ Jack Carey	X	Emergency Planning Lead / Kim Schneider	X
Wires Down/ Ken Wood	X		

#	Agenda Item
1	<p>Safety Message – Brad Labine</p> <p>Staying Hydrated</p> <p>Maintaining adequate hydration is just as important in the winter as during the warmer months. Water makes up 60% of your body weight and is critical for several essential everyday functions. Every time you breathe, perspire, or go to the bathroom, you are shedding water that must be replaced. How much fluid a person needs each day is a widely debated topic and can range from 8 glasses per day to upwards of 15 and can be influenced by several factors such as activity level, environment, altitude, overall health, and pregnancy or breast-feeding. Even though you may not hit your goal each day, the important thing is to keep trying, and work tricks into your daily routine like adding fruit or flavouring to your water or increasing your fruit and vegetable intake. On average, food meets about 20% of your daily intake so the rest must come from fluids. Keep in mind that alcohol, caffeinate beverages, and energy or sugary drinks can work against you, so you'll need to increase your fluid intake to compensate.</p>
2	<p>Weather Forecast & Predicted Impacts – Steve Parenteau</p>



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	<p><u>Tonight:</u></p> <p>Mostly clear, with a low around 26. Northwest wind 6 to 9 mph.</p> <p><u>Look Ahead:</u></p> <p>Tomorrow: Sunny, with a high near 42. North wind 5 to 8 mph. Thursday slight increase in winds, especially along the coasts, up to 40 mph gusts on the cape and islands.</p> <p>Friday dry, Saturday some light rain is possible, Sunday and Monday next week, all hazard free. Then watching the potential for a bigger system for <i>Wednesday and Thursday of next week</i>. This could bring rain/snow and some strong winds.</p>
3	<p>Incident Commander Update – Al LaBarre</p> <ul style="list-style-type: none"> ▪ Operational Period <ul style="list-style-type: none"> ○ 7pm tonight – 10am tomorrow ▪ Event Type Classification <ul style="list-style-type: none"> ○ Type 3 up to 28% of customers impacted with a requirement to restore 95% of our customers from peak outages within 72 hours. ▪ Emergency Response Objectives <ul style="list-style-type: none"> • #1 – Ensure a safe operational response for the duration of the event. <ul style="list-style-type: none"> ○ Zero injuries to employees, contractors, and all members of the public ○ Zero switching incidents ○ Zero roadway & traffic collisions • #2 – Maintain effective and consistent communications with Customers, Regulators, and External Agencies • #3 – Continue to assess and prioritize all critical customer & critical facility outages • #4 – Continue prompt maintenance of all Estimated Times of Restoration (ETRs) • #5 – Wires Down - continue to focus on assessment and assignment throughout the evening. Will reassess approach to clear in the morning prior to end of operational period. • #6 – < 500 customer outages by 10AM tomorrow
4	<p>Electric Operations Section Chief – Mike Hrycin</p> <p>Good day of restoration today with zero safety incidents Made strong progress on the Single No-Power outages</p>
5	<p>Forestry – Chris Rooney</p> <p>No Exceptions</p>



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6	Substation Lead – Chris Araujo No Exceptions
7	Control Center Lead – Mike Freitas No Exceptions
8	Storm Rooms – Jack Carey Coordinating with Elect. Ops and Control Center to restore Single No-Power outages
9	Wires Down – Ken Wood No Exceptions
10	External Resource Lead – Brad Wheeler No Exceptions
11	Transmission – Brad Wheeler No Exceptions
12	Planning Section Chief – Ryan Constable ETRs have remained updated and current
13	Gas Operations Section Chief – Joe Curley No Exceptions
14	Damage Assessment – John Williams No Exceptions
15	Logistics Section Chief – Avia Levin No Exceptions
16	Customer Contact Center – Kristin DeSousa No Exceptions
17	External Liaison Officer – Brian Schuster Feedback remains positive We will continue to update tonight and after tomorrow mornings briefing
18	Public Information Officer – Jonna Chokas Respond to 2 media inquiries today



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	<p>Posted a company first, Gas Restoration Update, Social Media Post Nighttime photos have been received and will be used</p> <p>Please remind your field-based staff to consider opportunities send photos of damage/restoration to: Communications@rienergy.com</p> <p>Or text the images to 401-895-1000</p>
19	<p>Human Resources Officer – Kathy Moar</p> <p>No Exceptions</p>
20	<p>Finance Section Chief – Brian Grzesiuk</p> <p>No Exceptions</p>
21	<p>Safety & Environmental Officer – Brad Labine</p> <p>No Exceptions</p>
22	<p>Security Officer – Tim Sanzi</p> <p>No Exceptions</p>
23	<p>Emergency Planning – Kim Schneider</p> <p>NAMAG call earlier today @ 4:00 PM There are no further requests for assistance so no further need for more NAMAG calls for this event</p>
24	<p>Next Scheduled Briefing - Date & Time</p> <p>Wednesday @ 10:00 AM</p>
25	<p>Closing Remarks</p> <p>This is the final push, doing well, both safely and efficiently working It has been a team effort; we appreciate all the efforts to support our customers and communities</p>



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Rhode Island Simplified Event Classification Index

% of Customers Interrupted at Peak	# of Customers Interrupted at Peak						
100%	496,000					Type 1	
50%	248,000				Type 2		
28%	140,000			Type 3			
7%	35,000		Type 4		Type 5		
2%	10,000	Type 5					
0%	0						
		Duration*	4 Hours	24 Hours	72 Hours	120 Hours	250 Hours

*95% of customers restored



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December 12/18 Wind & Rainstorm: #5 Restoration Stage Briefing Agenda

MEETING INFORMATION

Date:	12/20/23	Time:	10:00 AM
Call Details:	MS TEAMS		

KEY MEETING PARTICIPANTS

D = Delegate X = in attendance

Name	Present	Name	Present
Incident Commander/ Al LaBarre	X	Liaison Officer/ Brian Schuster	X
Control Center Lead/ Mike Freitas	X	Logistics Section Chief/ Avia Levin	X
Elect. Ops Section Chief/ Mike Hrycin	X	Public Information Officer/ Jonna Chokas	X
Planning Section Chief/ Ryan Constable	X	Customer Contact Lead/ Kristin DeSousa	X
Substation Lead/ Chris Araujo	X	Damage Assessment/ John Williams	X
Gas Ops Section Chief/Joe Curley	X	Safety & Environmental Officer/ Brad Labine	X
Transmission Line Lead/ Dan Glenning	X	Security Officer/ Tim Sanzi	X
External Resource Lead/ Brad Wheeler	X	Human Resource Officer/ Kathy Moar	X
Forestry Lead/ Chris Rooney	X	Finance Section Chief/ Brian Grzesiuk	X
Storm Room Lead/ Jack Carey	X	Emergency Planning Lead / Steve Parenteau	X
Wires Down/ Ken Wood	X		

#	Agenda Item
1	<p>Safety Message – Brad Labine</p> <p>Four Ps of Winter Safety:</p> <ul style="list-style-type: none"> • People: Check on vulnerable family, friends, and neighbours. • Pets: If it's too cold for you, it's too cold for a domesticated pet. • Pipes: Shut off and drain exterior faucets. Cover and insulate exposed pipes. Know where your water main shut-off is. Have the numbers for plumbers and electricians ready. • Plants: Your warm weather plants should already be inside by now but be careful how close you place them next to windows or doorways.
2	<p>Weather Forecast & Predicted Impacts – Steve Parenteau</p> <p>TODAY: Hazard free across the state.</p>



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	<p>TONIGHT: Dry and hazard-free. Winds: W to NW at 6-16 mph, gusting to 20 mph into the evening, maybe locally higher in the evening for the northern parts of the state. Lows: in the 30s.</p> <p>TOMORROW: Dry. Winds: NNW at 5-12 mph for most; Nantucket: N 8-16 mph, gusting to 20-25 mph. Highs: Upper 30s to middle 40s.</p>
3	<p>Incident Commander Update – Al LaBarre</p> <ul style="list-style-type: none"> • Operational Period <ul style="list-style-type: none"> ○ 10:00 AM today – 8:00 PM • Event Type Classification <ul style="list-style-type: none"> ○ Type 3 up to 28% of customers impacted with a requirement to restore 95% of our customers from peak outages within 72 hours. • Emergency Response Objectives • #1 – Ensure a safe operational response for the duration of the event. <ul style="list-style-type: none"> ○ Zero injuries to employees, contractors, and all members of the public ○ Zero switching incidents ○ Zero roadway & traffic collisions • #2 – Maintain effective and consistent communications with Customers, Regulators, and External Agencies • #3 – Complete final restoration of all impacted customers by 8:00 PM • #4 – Ensure all remaining Estimated Times of Restoration (ETRs) to be as accurate as possible
4	<p>Electric Operations Section Chief – Mike Hrycin</p> <p>Down to four hundred customer outages remaining All internal and external crews are engaged and seeking to complete restoration today Utilizing substation and underground crews to resolve Single Customer No-Power outages Damage Assessment crews continue to patrol and support NS-IS calls</p>
5	<p>Forestry – Chris Rooney</p> <p>All crews are engaged and assigned work Performing sweeps of heavily impacted</p>
6	<p>Substation Lead – Chris Araujo</p> <p>Continue to assess the Sockanosset station for water levels and operational capabilities</p>
7	<p>Control Center Lead – Mike Freitas</p> <p>No exceptions</p>



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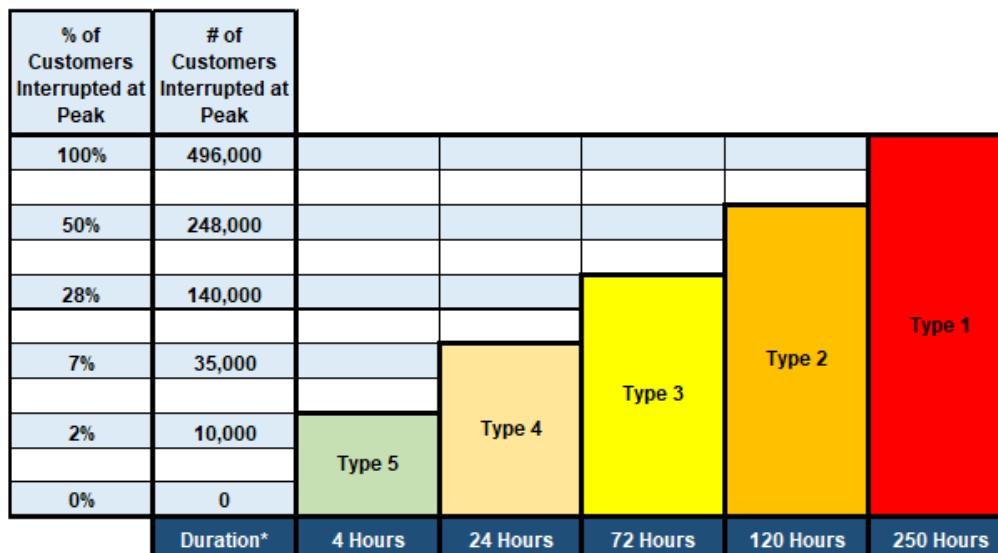
8	Storm Rooms – Jack Carey No exceptions
9	Wires Down – Ken Wood No exceptions
10	External Resource Lead – Brad Wheeler No exceptions
11	Transmission – Brad Wheeler No exceptions
12	Planning Section Chief – Ryan Constable No exceptions
13	Gas Operations Section Chief – Joe Curley Gas Operations field workers were engaged as of yesterday, supporting Wires Down
14	Damage Assessment – John Williams Crews are engaged and assigned work today, supporting NS-IS Calls and patrolling areas of significant impact
15	Logistics Section Chief – Avia Levin No exceptions
16	Customer Contact Center – Kristin DeSousa Coordinating with Wires Down to support customer engagement
17	External Liaison Officer – Brian Schuster No future Municipal Coord. Calls planned for the event, RIEMA also demobilizing Positive feedback regarding the RI Energy response continues to be received from external partners and agencies
18	Public Information Officer – Jonna Chokas Please remind your field-based staff to consider opportunities send photos of damage/restoration to: Communications@rienergy.com Or text the images to 401-895-1000
19	Human Resources Officer – Kathy Moar No exceptions
20	Finance Section Chief – Brian Grzesiuk Please contact Brian with any storm details to support finance year-end estimates (non-labour or otherwise) This has been declared a major event for time entry purposes, please be mindful of entry deadlines



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21	Safety & Environmental Officer – Brad Labine No exceptions
22	Security Officer – Tim Sanzi No exceptions
23	Emergency Planning – Steve Parenteau No exceptions
24	Next Scheduled Briefing - Date & Time To be determined
25	Closing Remarks – Dave Bonenberger Thank you and all your teams for the effort so far, please stay safe and focused as we complete our response We are demonstrating to our customers that we seek to serve them with our very best, each and every time

Rhode Island Simplified Event Classification Index



***95% of customers restored**

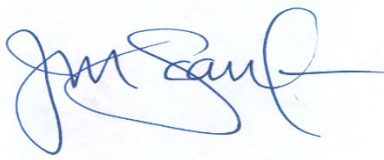
Appendices B-E

Please see the Excel version of Appendices B-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

March 18, 2024
Date

**Docket No. 2509 – National Grid – Storm Fund
Service List as of 6/1/2022**

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

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