

February 20, 2024

VIA ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

**RE: Docket No. 2509 – Storm Contingency Fund
November 21, 2023 Storm Summary Report**

Dear Ms. Massaro:

In accordance with Rhode Island Public Utilities Commission (“PUC”) Order No. 15360 (August 19, 1997) and paragraph 4(a) of the Joint Proposal and Settlement in Lieu of Comments Submitted by The Narragansett Electric Company¹ and the Division of Public Utilities and Carriers (the “Settlement”) approved by the PUC in Docket No. 2509, I have attached one original and eight copies of Rhode Island Energy’s summary report on the planning and restoration activities associated with the November 21, 2023 storm, which likely will qualify for inclusion in the Company’s Storm Contingency Fund. Paragraph 4(b) of the Settlement requires the Company to file with the PUC within 90 days after the storm a report providing a description of the storm along with a summary of the extent of the damage to the Company’s system, including the number of outages and length of outages.

The Company will file with the PUC a supplemental report detailing the incremental restoration costs caused by the November 21, 2023 storm once the Company accumulates the total costs and completes a final accounting of storm costs.

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. 2509 Service List
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
November 21, 2023 Storm,
Damage Assessment and
Service Restoration**

February 20, 2024

Docket No. 2509

Submitted to:
Rhode Island Public Utilities Commission

Submitted by:



Rhode Island Energy™
a PPL company

Table of Contents

| | | |
|-------------|---|-----------|
| I. | EXECUTIVE SUMMARY | 1 |
| II. | INCIDENT ANTICIPATION..... | 2 |
| A. | Determination of Incident Classification | 2 |
| B. | Activation of Incident Command System | 2 |
| C. | Determination of Crew Needs and Pre-Staging | 3 |
| III. | THE STORM AND ITS IMPACT | 3 |
| A. | Forecast..... | 3 |
| B. | Impact | 4 |
| IV. | RESTORATION | 6 |
| A. | Timing and Priority of Service | 6 |
| B. | Restoration Coordination..... | 7 |
| C. | Personnel Resources | 7 |
| D. | Safe Work Practices..... | 8 |
| V. | COMMUNICATIONS DURING AND AFTER THE EVENT..... | 8 |
| A. | Communication Regarding Estimated Times of Restoration | 8 |
| B. | Intra-Company..... | 8 |
| C. | Public Officials | 8 |
| D. | Customers | 9 |
| E. | Media..... | 11 |
| VI. | TECHNOLOGY ISSUES..... | 11 |
| VII. | CONCLUSION | 11 |

**REPORT ON BEHALF OF
THE NARRAGANSETT ELECTRIC COMPANY D/B/A RHODE ISLAND ENERGY
ON THE NOVEMBER 21, 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 November 21, 2023, storm response (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 4 emergency 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 projected to bring hazardous wind gusts, especially along the coasts, with isolated areas of heavy rain, which potentially could cause damage to the Company’s electric infrastructure. The Storm interrupted power to 7,369 (approximately 4,512 at peak) of the Company’s customers. Overall, 1.45 percent of the Company’s customers in Rhode Island experienced outages, with 21 of the 38 communities served in Rhode Island impacted.

The Company began monitoring the Storm on the morning of Friday, November 17, 2023, as 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 top wind gust speeds of the storm. The Company continued to review the weather forecasts and prepare for the possibility that the Storm would damage the Company’s electric distribution system.

The Company began preparing for the Storm on Friday, November 17, 2023, and conducted a Pre-Event Briefing on Tuesday, November 21, 2023, at 11:30 a.m., during which the Company reviewed the weather forecast and the possibility that the Storm would impact the Company’s electric distribution system. As part of its response to the Storm, the Company opened the Storm Room, the Wires Down Room, and the Municipal Room in Providence at approximately 6:00 a.m. on Wednesday, November 22, 2023. The Company also held one Restoration Stage Briefing on November 22, 2023, at 9:00 a.m. during which the Company established the operational period objectives, including safety, restoration, and communication requirements.

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 40 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 15 hours. Power was restored to the final customer impacted by the Storm on Wednesday, November 22, 2023, at approximately 11:50 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 | November 21, 2023; approx. 11:30 a.m. |
| Initial Event Classification Type – 4 | November 21, 2023; approx. 11:30 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 |
|--------------------------------------|---------------------------------------|
| Pre-Event Briefing #1 | November 21, 2023; approx. 11:30 a.m. |
| Storm Room opened in Providence | November 22, 2023; approx. 6:00 a.m. |
| Wires Down Room opened in Providence | November 22, 2023; approx. 6:00 a.m. |
| Municipal Room opened in Providence | November 22, 2023; approx. 6:00 a.m. |
| Restoration Stage Briefing #1 | November 22, 2023; approx. 9:00 a.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 Friday, November 17, 2023, as initial weather forecasts identified a potentially hazardous 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 storm's ferocity. Strong to potentially damaging winds across southeastern New England were expected with an expected rain accumulation potential of 1-1.5 inches. These initial forecasts also highlighted the challenges of predicting the exact trajectory and timing, maximum sustained wind speeds and gusts, rain totals, and storm surge. This uncertainty would remain in the subsequent weather reports noting a wind advisory that was expanded to coastal Rhode Island.

On the morning of Tuesday, November 21, 2023, the forecast continued to indicate that strong damaging winds could impact Rhode Island as soon as Wednesday, November 22, and into Thursday, November 23, 2023. Average winds gusts were predicted to be between 40-50 mph, with maximum gusts in the 45-50 mph range along the coast. The Storm also was expected to bring heavy rainfall with potential areas of isolated flooding and high storm surge along the coast.

During the evening of November 21, 2023, the forecasts remained consistent but the risk for coastal flooding and storm surge hazards increased. Also, the sustained wind gusts were forecasted to be up to 50 mph for the duration of the event. As a result, the Company completed the final efforts to prepare for the oncoming weather event with plans to open the Storm Room in Providence during the morning of Wednesday, November 22, 2023.

B. Impact

Ultimately, the Storm was a short duration weather event that resulted in minimal damage to the Company's electrical system. The Storm brought strong wind and wind gusts to the southern parts of the state resulting in tree limb impacting infrastructure. Peak wind gusts were generally in the 35-40 mph range, with Providence experiencing a peak gust of 37 mph. The Town of Charlestown was affected most heavily with approximately 73 percent of customers impacted by the event. See Table 3 below for the Storm impact.

Table 3. Storm Impact

| | |
|---|-------------------------------|
| Total Customers Impacted | 7,369 |
| Peak Customers Impacted | 4,512 |
| Date and Time of Peak | November 22, 2023; 8:37 a.m. |
| Date and Time Final Customer Was Restored | November 22, 2023; 11:50 p.m. |
| Number of Municipalities That Experienced Interruptions | 21 |
| Number of Distribution Feeders That Experienced Interruptions | 28 |

Figure 1 below shows the number of customers interrupted and restored, by hour, for the period of November 21-22, 2023.

Figure 1

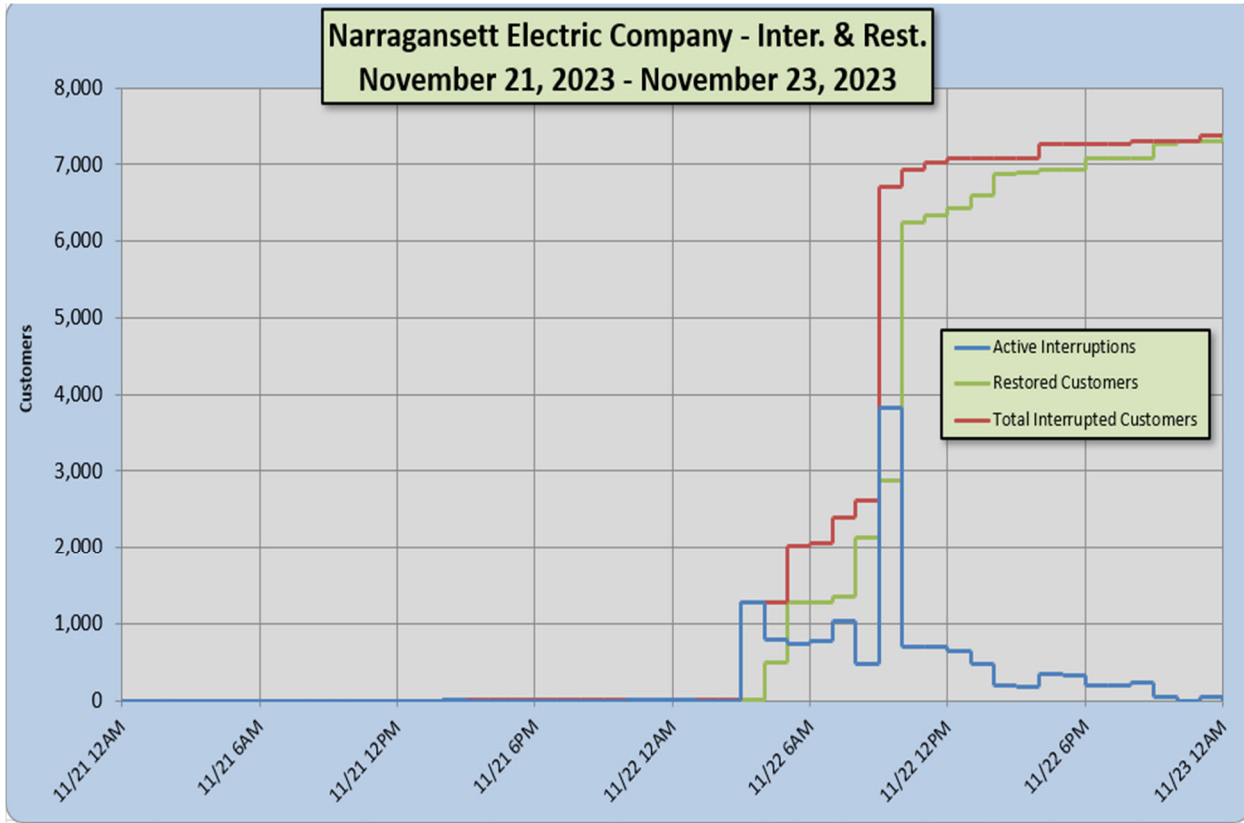


Figure 2 below shows all municipalities that experienced interruptions during the Storm.

Figure 2

| Town Name | Customers Served | Total Customers Interrupted | Percent of Total |
|------------------|-------------------------|------------------------------------|-------------------------|
| BRISTOL | 10,500 | 2 | 0.02% |
| CHARLESTOWN | 5,905 | 4,326 | 73.26% |
| COVENTRY | 14,588 | 68 | 0.47% |
| CRANSTON | 32,064 | 77 | 0.24% |
| EXETER | 3,165 | 151 | 4.77% |
| FOSTER | 2,092 | 19 | 0.91% |
| HOPKINTON | 4,020 | 122 | 3.03% |
| JAMESTOWN | 3,370 | 10 | 0.30% |
| JOHNSTON | 14,116 | 3 | 0.02% |
| LITTLE COMPTON | 2,625 | 5 | 0.19% |
| MIDDLETOWN | 8,549 | 8 | 0.09% |
| NARRAGANSETT | 10,657 | 1,399 | 13.13% |
| NEWPORT | 15,043 | 1,332 | 8.85% |
| NORTH KINGSTOWN | 14,135 | 58 | 0.41% |
| PORTSMOUTH | 9,419 | 14 | 0.15% |
| RICHMOND | 3,690 | 80 | 2.17% |
| SCITUATE | 4,660 | 1 | 0.02% |
| SOUTH KINGSTOWN | 15,227 | 536 | 3.52% |
| TIVERTON | 8,411 | 62 | 0.74% |
| WARREN | 6,168 | 1 | 0.02% |
| WESTERLY | 14,724 | 66 | 0.45% |

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 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 and did not utilize any staging sites.

The Company also mobilized the Municipal Room as well as the Providence Wires Down Room, with approximately 52 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 4 event in Rhode Island based on the weather forecasts, resources, and operational situation. The Company's plan remained consistent throughout the Pre-Event Briefing #1 on November 21, 2023, as well as the Restoration Briefing #1 on November 22, 2023.

The Company secured a total of internal and external field crews¹ to restore power to customers in Rhode Island, consisting of approximately 107 external crews and 225 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.

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.

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.

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 Friday, November 17, 2023, closely monitoring weather forecasts as the storm approached the southeast region. As the weather forecasts developed, the Company held one Pre-Event Briefing Call to coordinate the needed response from staff and personnel. The Company did conduct one Restoration Stage Briefing for this Storm. 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 |
|--------------------------------|---|
| November 21, 2023, 12:29 p.m. | Initial notification; weather forecast; resource planning efforts |
| November 22, 2023, 3:39 p.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 Wednesday, November 22, 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 | 289 |
| Number of Customer Calls Received by Interactive Voice Response (“IVR”) | Customer reports outage or issue | 72 |
| Number of Customer Calls Received by 21 st Century | Customer reports outage or issue | 69 |
| 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 | 10,776 |
| Number of emails sent | Outage notification, update, or update request from customer | 16,884 |
| Number of outbound calls made | Outage notification, update, or update request from customer | 66 |
| <u>Web and Social Media</u> | | |
| Number of customer hits on Company website during preparation for, and response to, the event | Customers seeking information | 607 |
| Number of Facebook posts | Company preparation for the event, safety information, restoration updates | 4 |
| Number of tweets/re-tweets posted on Twitter | Company preparation for the event, safety information, restoration updates | 4 |

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 one media request for information related to the Storm 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

The Company secured National Grid IT support as part of preparation for this storm event. Some minor IT issues were experienced by both companies that 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 7,369 of the Company’s customers. The damage was caused primarily by strong winds and wind gusts causing 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 11.5 hours from the time of peak impact. The Company restored power to 100 percent of its customers impacted in approximately 40 hours from the time of the first customer impacted and in 15 hours from the time of peak impact. Power was restored to the final customer impacted by the Storm on Wednesday, November 22, 2023, at approximately 11:50 p.m.

RI 90 Day Report
November 21, 2023
Appendix A




November Wind & Rainstorm #1 Pre-Event Briefing Agenda

| MEETING INFORMATION | | | |
|----------------------|----------|--------------|----------|
| Date: | 11/21/23 | Time: | 11:30 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/ Ted Kresse | X |
| Planning Section Chief/ Kathy Castro | D | Customer Contact Lead/ Chris Starr | X |
| Substation Lead/ Chris Araujo | X | Damage Assessment/ John Williams | X |
| Transmission Line Lead/ Dan Glenning | X | Safety & Environmental Officer/ Brad Labine | X |
| External Resource Lead/ Brad Wheeler | D | Security Officer/ Paul Gordon & Tim Sanzi | X |
| Forestry Lead/ Chris Rooney | D | Human Resource Officer/ Michael Campbell | X |
| Storm Room Lead/ Jack Carey | X | Finance Section Chief/ Brian Grzesiuk | X |
| Wires Down/ Ken Wood | X | Emergency Planning Lead / Steve Parenteau | X |

| # | Agenda Item |
|---|--|
| 1 | Safety Message – Patrick Fogerty, Senior Safety Professional, RI Energy |

RI 90 Day Report
November 21, 2023
Appendix A

| | |
|---|---|
| | <div data-bbox="261 470 938 510">Human Performance Hot Topic: Safety Stop</div> <div data-bbox="748 510 1003 531">*sometimes called 'Stop/Timeout'</div> <div data-bbox="1019 449 1214 516">  Rhode Island Energy™ <small>a PPL company</small> </div> <div data-bbox="245 569 399 621"> Who? The Work Crew </div> <div data-bbox="245 653 472 711"> What? A Human Performance tool used to stop work when applicable </div> <div data-bbox="245 743 472 890"> When? <ul style="list-style-type: none"> • Unexpected circumstance or event • New hazard identified • Unsure about next step • Missing information, equipment, people </div> <div data-bbox="537 554 721 743">  </div> <div data-bbox="529 758 748 779">*No Less Than 15 Minutes*</div> <div data-bbox="578 800 688 905">  </div> <div data-bbox="773 569 1200 722"> Why? <ul style="list-style-type: none"> • Gives time to: <ul style="list-style-type: none"> • Assess immediate health/safety of people, equipment, grid • Find answers to questions without making assumptions • Provides opportunity to reestablish situational awareness • Allows time for adrenaline to wear off which enables us to calm down and think rationally (in the case of an unexpected event) </div> <div data-bbox="805 743 1200 900"> How? <ul style="list-style-type: none"> • All crew stops work and secures work site in a safe condition • Regain situational awareness by: <ul style="list-style-type: none"> • Conducting hazard assessment • Reviewing procedures and work plans • Consulting technical experts • Call in technical experts </div> <div data-bbox="391 932 1003 968"> <p>It takes ~15 minutes for adrenaline in our body to decrease after a jarring event or near miss. Adrenaline helps our bodies in fight/flight but impairs our ability to think clearly.</p> </div> <div data-bbox="217 989 375 999">BUSINESS USE ©Rhode Island Energy</div> <div data-bbox="716 989 724 999">2</div> |
| 2 | Accuweather Forecast & Prediction – Emergency Planning |



RI 90 Day Report November 21, 2023 Appendix A

Executive Summary:

Rain arrives Tuesday night with windy conditions brought in by a potent storm system. Windy conditions continue through Wednesday morning before tapering off.

Next 24 Hours:

RISK OF OUTAGE PRODUCING WEATHER

Medium

Tuesday:

Turning cloudy with rain arriving at night.

Next Seven Days:

RISK OF OUTAGE PRODUCING WEATHER

Medium

Wednesday:

Windy with rain tapering to showers. Thursday: Mostly sunny; breezy. Friday: Partly sunny. Saturday: Plenty of clouds. Sunday: Plenty of sunshine. Monday: Rain, snow mixing in early for some.

What Has Changed:

- For Tuesday, increased the risk for wind gusts above 40 mph to medium in the coastal region.

- For Thursday, added a medium risk for wind gusts > 20 mph for the Coastal Region

- Also on Thursday, added a low risk for wind gusts > 20 mph for the Capital Region

CONFIDENCE LEVEL

High (≥ 70%)

Medium (50-69%)

Low (30-49%)

Capital Region

Tue, Nov 21

Winds will increase overnight, with gusts to 25-35 mph possible.

Wind>15, >20 Gust

Wind >25, >30 Gust

Wed, Nov 22

Windy conditions continue during the morning, with gusts of 25-35 mph possible.

Wind>15, >20 Gust

Wind >25, >30 Gust

None

Thu, Nov 23

Winds can be sustained up to 20 mph.

None

None

Wind>15, >20 Gust

Coastal Region

Tue, Nov 21

Winds will increase overnight, with gusts to 30-35 mph likely.

Wind>15, >20 Gust

Wind >25, >30 Gust

Wind >35, >40 Gust

Wed, Nov 22

Windy conditions continue during the morning, with gusts of 25-35 mph likely. Some gusts above 40 mph are possible in locations right along the coast.

Wind>15, >20 Gust
Wind >25, >30 Gust

Wind >35, >40 Gust

None

Thu, Nov 23

Winds can be sustained up to 20 mph.

None

Wind>15, >20 Gust

None

Strongest wind gusts are estimated to occur between 8 AM – 12 PM Wednesday, along the coast

Rain accumulation is expected to range within 1”- 1.5”, ending Wednesday 2-4 PM

3

Incident Commander Update – Al LaBarre

Operational Period

Tuesday Nov 21, 11:30 AM – Wednesday, Nov 22, 09:00 AM

Event Type Classification

Preparing for a **Type 4 Event** – Up to 7% of customers impacts for a 24-hour period

Emergency Response Objectives

#1 – Safe preparations & planned operational response for the duration of the event.

Zero injuries to employees, contractors, and all members of the public

**RI 90 Day Report
November 21, 2023
Appendix A**

| | |
|----|--|
| | <ul style="list-style-type: none"> • Zero switching incidents • Safe vehicle operation & zero roadway traffic collisions <ul style="list-style-type: none"> ○ #2 – Establish and maintain effective communications with all Customers, Regulators, and External Agencies prior to the event ○ #3 – Activate all Emergency Response Organization (ERO) staffing needs & open the Providence Storm Room at 06:00 AM tomorrow ○ #4 – Complete safety onboarding for all external resources prior to any work being performed |
| 4 | <p>Electric Operations Section Chief – Mike Hrycin</p> <p>Both internal and external line, as well as forestry crews will be starting the overnight shift at 11 pm tonight Trouble workers are being paired up as 2-person crews for restoration safety and efficiency UG/Stations crews will be on pagers tonight as needed Fleet and Inventory Stores staff have been secured for 24-hr. coverage to be available as needed</p> |
| 5 | <p>Forestry – Chris Rooney</p> <p>Forestry Storm Room will be fully staffed and opening at 6 AM tomorrow</p> <ul style="list-style-type: none"> • 65 External Dist. Tree Crews • 7 External Trans. Tree Crews (can perform Tx and SubTx work) • 72 Total Tree Crews secured and arriving throughout the day today for on-boarding |
| 6 | <p>Substation Lead – Chris Araujo</p> <p>No exceptions</p> |
| 7 | <p>Control Center Lead – Mike Freitas</p> <p>Additional Control Center staff and coverage has been secured for the event duration The DCC is preparing for a 6 am transfer tomorrow to the Storm Room in Providence for dispatching responsibility</p> |
| 8 | <p>Storm Rooms – Jack Carey</p> <p>Providence Storm Room to open at 6 am tomorrow National Grid IT Support staff is being secured for the Storm Room needs during the event</p> |
| 9 | <p>Wires Down – Ken Wood</p> <p>Wires Down will be staffed and prepared for opening at 6 am tomorrow</p> |
| 10 | <p>External Resource Lead – Brad Wheeler</p> <p>All needed Restoration Crew Supervisors (RCS) have been secured for the event 78 External Dist. Line crews have been secured</p> |



RI 90 Day Report
November 21, 2023
Appendix A

| | |
|----|--|
| | All on-boarding is expected to be completed by 730 PM tonight |
| 11 | Transmission – Dan Glenning Michales Transmission Contract Crew is nearly complete in restoring the G185 line to normal configuration for the storm 1 Transmission Line crew will be available for the event response |
| 12 | Planning Section Chief – Kathy Castro No exceptions |
| 13 | Damage Assessment – John Williams No exceptions |
| 14 | Logistics Section Chief – Avia Levin Fleet and Stores will be open 24/7 in North Kingstown and Melrose St. All requested logistics needs have been secured through Wednesday evening (meals and lodging) Please notify the Logistics Team ASAP if requests are expected to be needed into Thursday |
| 15 | Customer Contact Center – Chris Starr Additional Contact Center staff have been secured to support any volume increase responses Life Support Customer and Critical Facility outage notifications were distributed at 10:00 am this morning |
| 16 | External Liaison Officer – Brian Schuster Municipal Room will open at 6:00 am tomorrow with the Storm Room, all staff has been secured Carrie Gill will be the Regulatory Liaison for this event and will be distributing an update to the staff following this call |
| 17 | Public Information Officer – Ted Kresse No media inquiries received yet Preparing a Key Messages and Press Release statement following this call Social and Digital Media messaging is also being prepared for use today Please remind your field-based staff to consider opportunities send photos of damage/restoration to: Communications@rienergy.com Or text the images to 401-871-0848 |
| 18 | Human Resources Officer – Michael Campbell |

**RI 90 Day Report
November 21, 2023
Appendix A**

| | |
|----|---|
| | No exceptions |
| 19 | Finance Section Chief – Brian Grzesiuk Accounting has been distributed, reach out with any finance support requests |
| 20 | Safety & Environmental Officer – Brad Labine Environmental Service staff have been secured to support the restoration effort Safety staff will be providing external resource on-boarding today and into the evening as crews arrive |
| 21 | Security Officer – Paul Gordon / Tim Sanzi No exceptions |
| 22 | Gas Field Operations – Joe Curley Monitoring any coastal flooding risks associated with the storm Crews have tested critical valve operations in areas that may be impacted by the storm |
| 23 | Emergency Planning – Steve Parenteau No exceptions |
| 24 | Closing Remarks – Dave Bonenberger Thanks to you and the team for preparing for this storm and its unfortunate timing over the holidays Our customers are counting on us to respond and restore any impacts |
| 25 | Next Scheduled Briefing - Date & Time <ul style="list-style-type: none"> #1 Restoration Stage Briefing - Wednesday @ 9:00 AM |

**RI 90 Day Report
November 21, 2023
Appendix A**

November Wind & Rainstorm #1 Restoration Briefing Agenda

MEETING INFORMATION

| | | | |
|----------------------|----------|--------------|----------|
| Date: | 11/22/23 | Time: | 09:00 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/ Ted Kresse | X |
| Planning Section Chief/ Kathy Castro | X | Customer Contact Lead/ Chris Starr | X |
| Substation Lead/ Chris Araujo | X | Damage Assessment/ | - |
| Transmission Line Lead/ Dan Glenning | X | Safety & Environmental Officer/ Brad Labine | X |
| External Resource Lead/ Brad Wheeler | X | Security Officer/ Paul Gordon – Tim Sanzi | X |
| Forestry Lead/ Chris Rooney | X | Human Resource Officer/ Michael Campbell | X |
| Storm Room Lead/ Jack Carey | X | Finance Section Chief/ Brian Grzesiuk | X |
| Wires Down/ Ken Wood | D | Emergency Planning Lead / Steve Parenteau | X |

| # | Agenda Item |
|---|---|
| 1 | <p>Safety Message – Ken Soares, Sr. Safety Professional, RI Energy</p> <ul style="list-style-type: none"> As the holidays season ramps up now coupled with the current weather conditions, now is good reminder on the importance of keeping our minds focused on the work at hand. Whether in the office or out in the field, the consequences of our actions can have significant impacts on our lives and the lives of those around us. Lots of folks are depending on us to perform our duties as efficiently as possible - includes those at home waiting for us to come back safe. With storm restoration ongoing, crews responding to outages, the safety for us and our teams is Priority 1. Get to work safe, perform all tasks in a thoughtful and safe manner, return safe to family, friends, and loved ones. |
| 2 | <p>Weather Forecast & Predicted Impacts – Emergency Planning</p> |

RI 90 Day Report
November 21, 2023
Appendix A



385 Science Park Rd. State College, PA 16803
Phone: 814-237-5803
Fax: 814-238-1339
E-mail: skyguard@accuweather.com

PREPARED EXCLUSIVELY FOR: PPL-RIE

Issue Date: **Wednesday, November 22, 2023**

AccuWeather Forecaster: **AS**

Executive Summary:

Remaining windy today, mainly through the morning hours, before rain pushes off to the east by early this afternoon.

Next 24 Hours:

RISK OF OUTAGE PRODUCING WEATHER Medium

Wednesday: Windy with rain, some heavy, through the morning, then a few lingering showers during the early afternoon. Breezy tonight with clearing.

Next Seven Days:

RISK OF OUTAGE PRODUCING WEATHER Low

Thursday: Mostly sunny; breezy. Friday: Sunny to partly cloudy. Saturday: More sun than clouds. Sunday: Turning cloudy; rain possible overnight. Monday: Rain at times, possibly mixing with some snow early for some. Tuesday: Clouds and sunshine.

What Has Changed:

- Added a LOW risk for Gusts > 40 mph in the Capital Region for Wednesday morning.
- Upgraded to a MEDIUM risk for Gusts > 20 mph in the Capital Region Thursday.
- Added a LOW risk for Gusts > 20 mph in both Regions Friday.

CONFIDENCE LEVEL

High (≥ 70%)

Medium (50-69%)

Low (30-49%)

Capital Region

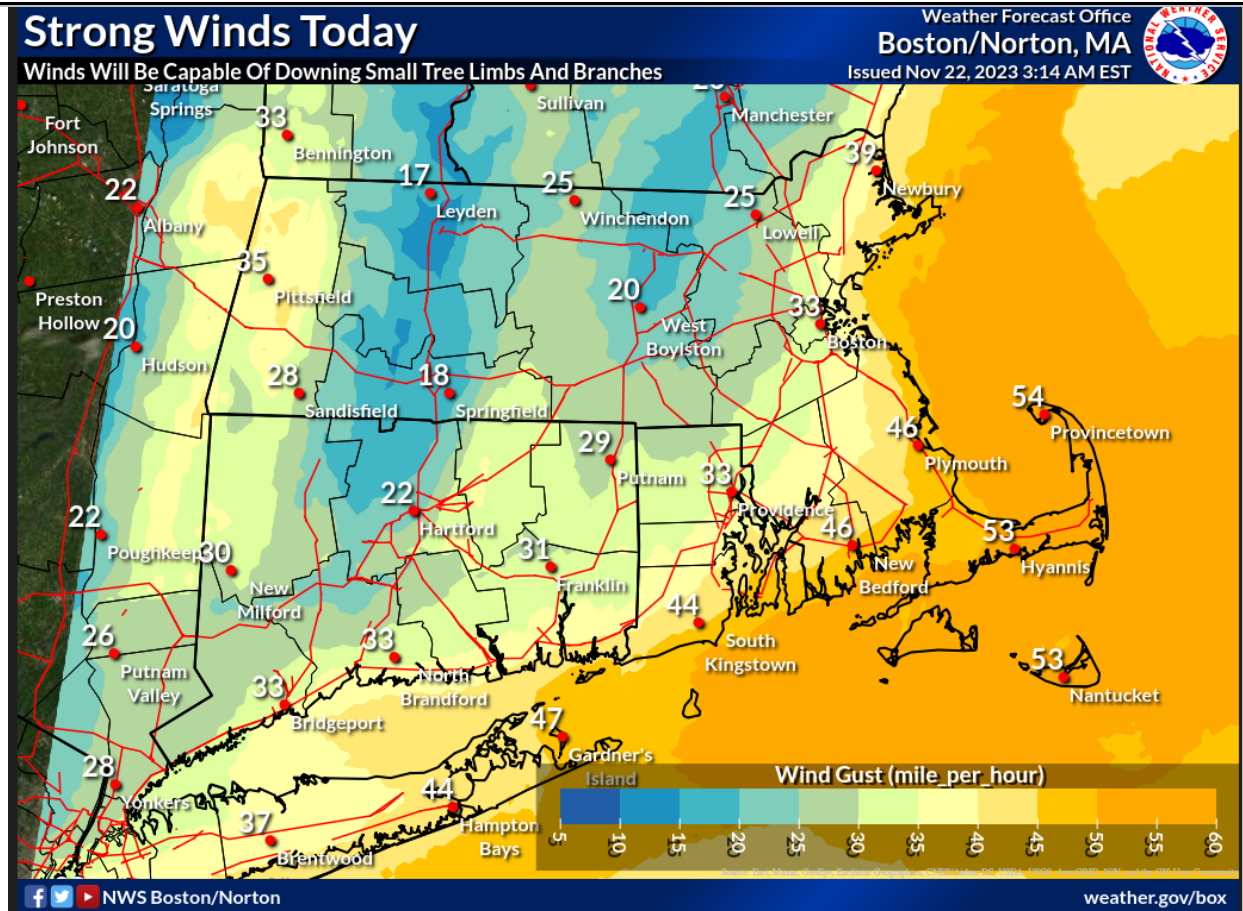
| | | | | |
|--------------------|---|-------------------|--------------------|--------------------|
| Wed, Nov 22 | Windy conditions continue during the morning, with gusts of 25-35 mph expected. An occasional gust to 40 mph may occur. | Wind>15, >20 Gust | Wind >25, >30 Gust | Wind >35, >40 Gust |
| Thu, Nov 23 | Wind gusts to 20-25 mph are possible. | None | Wind>15, >20 Gust | None |
| Fri, Nov 24 | An occasional gust to 20 mph will be possible, mainly in the afternoon and evening. | None | None | Wind>15, >20 Gust |

Coastal Region

| | | | | |
|--------------------|--|---|--------------------|-------------------|
| Wed, Nov 22 | Windy conditions continue during the morning, with gusts of 25-35 mph likely. Some gusts above 40 mph are possible in locations right along the coast. | Wind>15, >20 Gust Wind >25, >30 Gust | Wind >35, >40 Gust | None |
| Thu, Nov 23 | Wind gusts to 20-25 mph are possible. | None | Wind>15, >20 Gust | None |
| Fri, Nov 24 | An occasional gust to 20 mph will be possible, mainly in the afternoon and evening. | None | None | Wind>15, >20 Gust |



RI 90 Day Report November 21, 2023 Appendix A



Snow has come to an end across interior southern New England with the primary concern today remaining gusty winds along the coast, and more specifically, across the Cape and Islands.

The Wind Advisory that was in place for the Cape and Islands, as well as Cape Ann, has been expanded to include much of coastal MA and portions of coastal RI. Winds will gust more than 40 mph in the advisory area, with the threat for 55 mph gusts highest on Nantucket.

**RI 90 Day Report
November 21, 2023
Appendix A**

| | |
|---|---|
| | <ul style="list-style-type: none"> ▪ Operational Period <ul style="list-style-type: none"> ○ Wednesday 9 AM – 7 PM ▪ Event Type Classification <ul style="list-style-type: none"> ○ Responding to a <u>Type 4 Event</u> – Up to 7% of customers impacts for a 24-hour period ▪ Emergency Response Objectives <ul style="list-style-type: none"> ○ #1 – 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 • Safe vehicle operation & zero roadway traffic collisions ○ #2 – Maintain effective communications with all Customers, Regulators, and External Agencies during the event ○ #3 – Respond to all Police & Fire 911 Standby and Wire Down calls within the required timeframes ○ #4 – Assess and prioritize all critical customer & critical facility outages ○ #5 – Regularly assess and update all Estimated Times of Restoration (ETRs) |
| 4 | <p>Electric Operations Section Chief – Mike Hrycin</p> <p>All internal crews are engaged and restoring current outages and priorities External crews have also been engaged and are supporting the restoration effort Wires Down and CMS staff are active and responding to Police & Fire 911 calls</p> |
| 5 | <p>Forestry – Chris Rooney</p> <p>The Forestry Room is active and dispatching calls, all forestry crews are engaged</p> |
| 6 | <p>Substation Lead – Chris Araujo</p> <p>No exceptions</p> |
| 7 | <p>Control Center Lead – Mike Freitas</p> <p>Currently we have 44 active outages, with 5210 customers impacted All Priority 911 calls are assigned with crews responding</p> |
| 8 | <p>Storm Rooms – Chris Montalto</p> <p>Storm Rooms opened this morning as expected and are dispatching all internal crews IT issues are still being experienced with a National Grid supported application, they are also experiencing the same issue and are actively working to address it. The RI Energy restoration effort is not being impacted from this interruption.</p> |
| 9 | <p>Wires Down – Ken Wood</p> |



RI 90 Day Report
November 21, 2023
Appendix A

| | |
|----|--|
| | No Exceptions |
| 10 | External Resource Lead – Brad Wheeler All external crews have arrived and have been onboarded |
| 11 | Transmission – Dan Glenning No exceptions |
| 12 | Planning Section Chief – Kathy Castro No exceptions |
| 13 | Damage Assessment – N/A |
| 14 | Logistics Section Chief – Avia Levin No exceptions |
| 15 | Customer Contact Center – Chris Starr No exceptions |
| 16 | External Liaison Officer – Brian Schuster The Municipal Room opened this morning and are ready to support any incoming requests |
| 17 | Public Information Officer – Ted Kresse No media inquiries received We will continue to message through social and digital channels today Please remind your field-based staff to consider opportunities send photos of damage/restoration to: Communications@rienergy.com Or text the images to 401-871-0848 |
| 18 | Human Resources Officer – Michael Campbell No Exceptions |
| 19 | Finance Section Chief – Brian Grzesiuk No Exceptions |

**RI 90 Day Report
November 21, 2023
Appendix A**

| | |
|----|---|
| 20 | Safety & Environmental Officer – Brad Labine No Exceptions |
| 21 | Security Officer – Paul Gordon / Tim Sanzi No Exceptions |
| 22 | Emergency Planning – Steve Parenteau No Exceptions |
| 23 | Closing Remarks – Al Labarre / Dave Bonenberger We are seeing similar impacts as the adjacent utilities, especially along the coast of New England. Thanks for all for you and your teams' efforts during this event. Our customers need us most during these times, and we want to help offer them the best opportunity to enjoy the holiday at home, uninterrupted. |
| 24 | Next Scheduled Briefing - Date & Time <ul style="list-style-type: none"> • #2 Restoration Briefing on Wednesday at 7 PM |

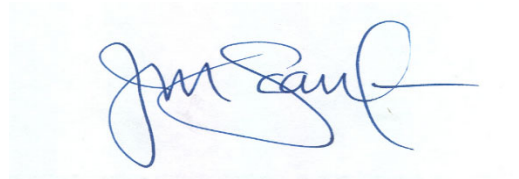
Appendices B-E

Please see the Excel versions 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

February 20, 2024
Date

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

| Name/Address | E-mail | Phone |
|---|--|--------------|
| Rhode Island Energy Andrew S. Marcaccio, Esq. PPL Services Corp. 280 Melrose St. Providence, RI 02907 | amarcaccio@pplweb.com | 401-784-7263 |
| | cobrien@pplweb.com ; | |
| | jscanlon@pplweb.com ; | |
| | sbriggs@pplweb.com | |
| | sparenteau@RIEnergy.com ; | |
| National Grid | theresa.burns@nationalgrid.com ; | |
| | scott.mccabe@nationagrid.com ; | |
| Christy Hetherington, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903 | christy.hetherington@dpuc.ri.gov ; | 401-222-2424 |
| | John.bell@dpuc.ri.gov ; | |
| | Joseph.shilling@dpuc.ri.gov ; | |
| | Margaret.L.Hogan@dpuc.ri.gov ; | |
| | | |
| File an original & 8 copies w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888 | Luly.massaro@puc.ri.gov ; | 401-780-2107 |
| | Todd.bianco@puc.ri.gov ; | |
| | Alan.nault@puc.ri.gov ; | |
| | Cynthia.WilsonFrias@puc.ri.gov ; | |

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

| | | |
|--|--|--------------|
| John Spirito, Esq. Division of Public Utilities & Carriers | John.spirito@dpuc.ri.gov ; | 401-222-2424 |
| | thomas.kogut@dpuc.ri.gov ; | |
| | linda.george@dpuc.ri.gov ; | |