

December 14, 2023

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 Hurricane Lee September 15, 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 Hurricane Lee September 15, 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 Company is providing Appendices B through E to the storm summary report in Excel format.

The September 15, 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 Hurricane Lee September 15, 2023 Event, Damage Assessment and Service Restoration Efforts

December 14, 2023

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 HURRICANE LEE SEPTEMBER 15, 2023 STORM PREPAREDNESS,
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 Hurricane Lee September 15, 2023 storm (the “Storm”) response, 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. The Storm was projected to bring hazardous wind gusts, especially along the coasts, with isolated areas of flooding from heavy rain, which potentially could cause damage to the Company’s electric infrastructure. The Storm interrupted power to 894 (approximately 454 at peak) of the Company’s customers. Overall, 0.18 percent of the Company’s customers in Rhode Island experienced outages, with 15 of the 38 communities served in Rhode Island impacted.

The Company began monitoring the Storm on the morning of Saturday, September 9, 2023, as initial weather forecasts identified a potentially strong hurricane system approaching from the south along the Atlantic coast. The event was expected to impact much of New England and the eastern Canadian coasts, but considerable uncertainty remained in determining the storm track. 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 Monday, September 11, 2023, and conducted a Situational Awareness Briefing on Tuesday, September 12, 2023, at 9:30 a.m., during which the Company reviewed the weather forecast and the possibility that the Storm would impact the Company’s electric distribution system. The Company held its first Pre-Event Briefing in the afternoon of September 13, 2023, at 3:00 p.m. and a second in the afternoon of September 14, 2023, at 3:30 p.m. 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 3:00 p.m. on Friday, September 15, 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 38.5 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 28 hours. Power was restored to the final customer impacted by the Storm on Saturday, September 16, 2023, at approximately 6:52 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	September 12, 2023; approx. 9:30 a.m.
Initial Event Classification Type – 3	September 14, 2023; approx. 3:30 p.m.

B. Activation of Incident Command System

The Company utilizes the Incident Command System (“ICS”), a component of the National Incident Management System, which is a comprehensive national approach to incident management applicable at all levels of the Company’s Emergency Response Organization (“ERO”) and addresses the operation of Company Emergency Operation Centers (“EOCs”). The ERO required to implement the emergency procedures is activated employing a flexible and standardized management structure. Upon declaration of an emergency, the required EOCs are staffed accordingly. Briefings are conducted with the ERO 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
Situational Awareness Briefing #1	September 12, 2023; approx. 9:30 a.m.
Pre-Event Briefing #1	September 13, 2023; approx. 3:00 p.m.
Pre-Event Briefing #2	September 14, 2023; approx. 3:30 p.m.
Storm Room opened in Providence	September 15, 2023; approx. 3:00 p.m.
Wires Down Room opened in Providence	September 15, 2023; approx. 3:00 p.m.
Municipal Room opened in Providence	September 15, 2023; approx. 3:00 p.m.
Restoration Stage Briefing #1	September 15, 2023; approx. 4:30 p.m.
Restoration Stage Briefing #2	September 16, 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 Monday, September 11, 2023, as initial weather forecasts identified a potentially strong hurricane system approaching from the south along the Atlantic coast. The event was expected to impact much of New England and eastern Canadian coasts, but considerable uncertainty remained in determining the storm track. Strong to potentially damaging winds across southeastern New England were expected, with a risk for coastal flooding. These initial forecasts also highlighted the challenges of predicting the exact trajectory and timing, sustained wind speeds and gusts max, 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 September 13, 2023, the forecast remained consistent that strong damaging winds could impact Rhode Island as soon as Friday, September 15, and into Saturday, September 16, 2023. Average winds gusts were predicted to be between 40-50 mph, with maximum gusts in the 50-60 mph range along the coast. The Storm also was expected to bring heavy rainfall with areas of isolated flooding and high storm surge along the coast.

During the evening of September 14, 2023, the forecasts remained consistent but slightly lowered the risk for coastal flooding hazards. Also, the sustained wind speeds were forecasted to be between 20-25 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 afternoon of September 15, 2023.

B. Impact

Ultimately, the Storm was a long duration weather event that resulted in minimal damage to the Company’s electrical system. The Storm brought strong wind gusts to the southern parts of the state. Peak wind gusts were generally in the 25-30 mph range, with Providence experiencing a peak gust of 30 mph. The Town of North Smithfield was affected most heavily with approximately seven percent of customers impacted by the event. See Table 3 below for the Storm impact.

Table 3. Storm Impact

Total Customers Impacted	894
Peak Customers Impacted	454
Date and Time of Peak	September 15, 2023; 1:28 p.m.
Date and Time Final Customer Was Restored	September 16, 2023; 6:52 p.m.
Number of Municipalities That Experienced Interruptions	15
Number of Distribution Feeders That Experienced Interruptions	17

Figure 1 below shows the number of customers interrupted and restored, by hour, for the period of September 15 - 17, 2023.

Figure 1

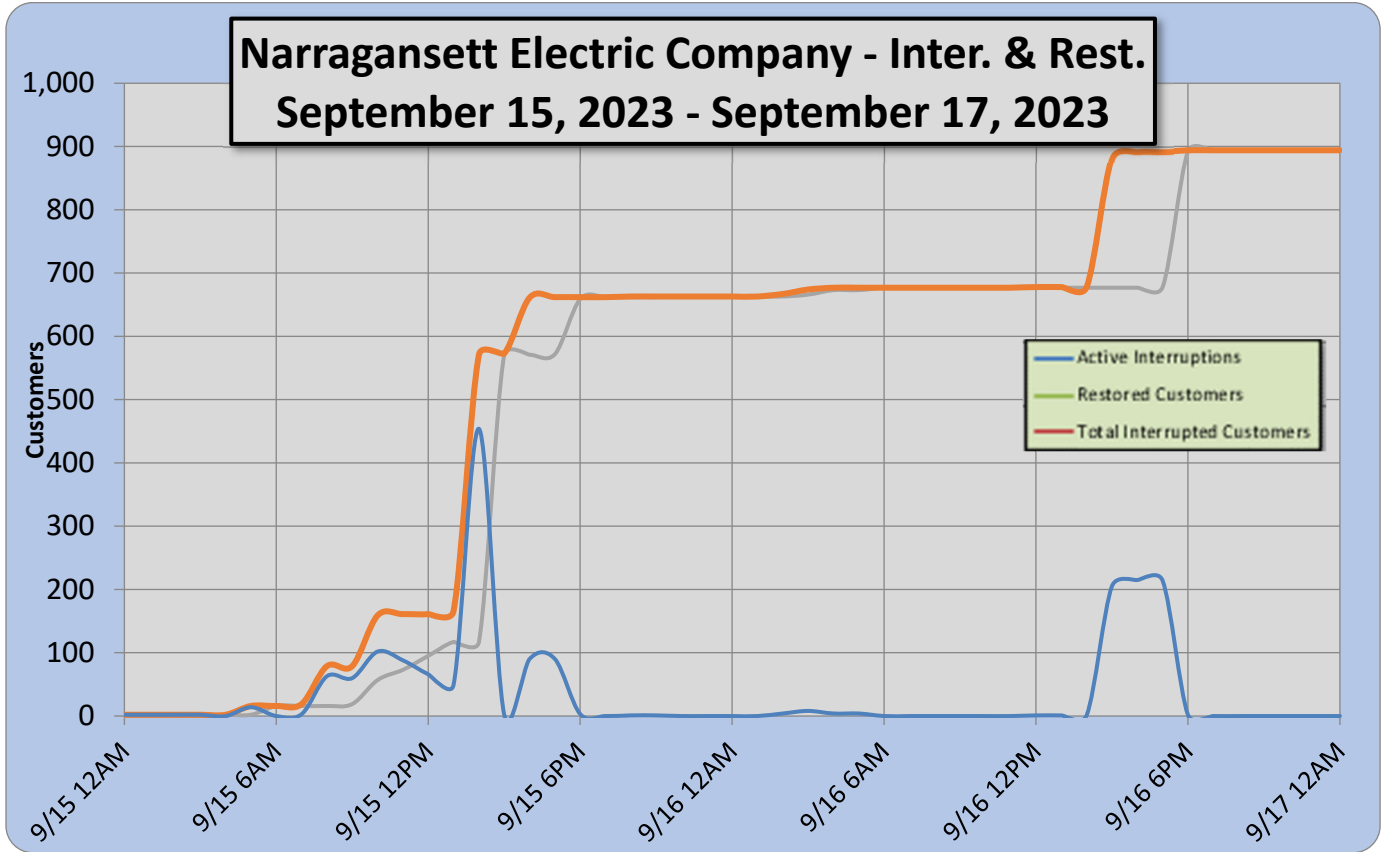


Figure 2 below shows all municipalities that experienced interruptions during the Storm.

Figure 2

Town Name	Customers Served	Total Customers Interrupted	Percent of Total
CHARLESTOWN	5,907	1	0.02%
COVENTRY	14,583	1	0.01%
CRANSTON	32,035	16	0.05%
CUMBERLAND	15,793	2	0.01%
EAST GREENWICH	6,432	88	1.37%
GLOCESTER	4,770	6	0.13%
JAMESTOWN	3,365	9	0.27%
NORTH KINGSTOWN	14,120	4	0.03%
NORTH PROVIDENCE	16,147	3	0.02%
NORTH SMITHFIELD	5,901	410	6.95%
PROVIDENCE	76,463	63	0.08%
SMITHFIELD	9,139	4	0.04%
TIVERTON	8,384	8	0.10%
WARWICK	40,714	313	0.77%
WOONSOCKET	18,939	60	0.32%

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 62 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 Situational Awareness Briefing #1 on September 12, 2023, as well as the Pre-Event Briefing #2 on September 14, 2023.

The Company secured a total of 818 internal and external field crews¹ to restore power to customers in Rhode Island, consisting of approximately 651 external crews and 167 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 Tuesday, September 12, 2023, closely monitoring weather forecasts as the storm approached the northeast region. As the weather forecasts developed, the Company held two Pre-Event Briefing Calls to coordinate the needed response from staff and personnel. The Company did conduct two Restoration Stage Briefings 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
September 12, 2023, 10:42 a.m.	Initial notification; weather forecast; resource planning efforts
September 13, 2023, 3:39 p.m.	Weather forecast; resource and Storm Room plans, Life Support and Critical Facility notifications plans; Staging Site update
September 14, 2023, 6:25 p.m.	Weather forecast; Event Type notification, resource update, Storm Room opening status, Life Support and Critical Facility notifications; Staging Site update
September 15, 2023, 6:25 p.m.	Weather forecast; Storm Room status, resource update
September 16, 2023, 10:03 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 Friday, September 15, 2023, at 3:00 p.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	155
Number of Customer Calls Received by Interactive Voice Response (“IVR”)	Customer reports outage or issue	9
Number of Customer Calls Received by 21 st Century	Customer reports outage or issue	6
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	6,587
<u>Automated Outage Updates</u>		
Number of Inbound and Outbound Text Messages	Outage notification, update, or update request from customer	5648
Number of emails sent	Outage notification, update, or update request from customer	201,435
Number of outbound calls made	Outage notification, update, or update request from customer	0
<u>Web and Social Media</u>		
Number of customer hits on Company website during preparation for, and response to, the event	Customers seeking information	0
Number of Facebook posts	Company preparation for the event, safety information, restoration updates	9
Number of tweets/re-tweets posted on Twitter	Company preparation for the event, safety information, restoration updates	9

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 five media requests 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 did not experience any technology issues that impacted the preparation, response, or restoration efforts during the Storm.

VII. CONCLUSION

The Storm impacted the Company’s electrical system, resulting in power outages to 894 of the Company’s customers. The damage was caused primarily by strong 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 28 hours from the time of peak impact. The Company restored power to 100 percent of its customers impacted in approximately 38.5 hours from the time of the first customer impacted and in 29 hours from the time of peak impact. Power was restored to the final customer impacted by the Storm on Saturday, September 16, 2023, at approximately 6:52 p.m.



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RI 90-Day Storm Report Appendix A Hurricane Lee September 15, 2023

MEETING INFORMATION			
Date:	9/13/23	Time:	2:00 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/ Ted Kresse	X
Planning Section Chief/ Kathy Castro	X	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	X
Forestry Lead/ Chris Rooney	D	Human Resource Officer/ Kathy Moar	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</p> <p>Preparing yourself and your teams to focus on a safe response</p> <ul style="list-style-type: none"> • Ensure your residence and property are secure • Arrange any support for family or caregiving needs while we ready for a possibly long duration event <ul style="list-style-type: none"> ○ Clear or secure your property of loose debris or belongings that could stir up from winds ○ Check water drainage systems and downspout reliability ○ Review any medication/prescription supplies, food/water, and battery devices
2	<p>Weather Forecast & Predicted Impacts – Accuweather</p> <p>Alignment of models is begining to show a consistant track, but confidence is still only medium.</p> <p>Right now, Lee is a Cat 3 hurricane about 430 miles S/SW of Bermuda. Will continue to watch it move N, paralleling the NE coast late in this weekend. Expecting it to past about 200 mi off to the E of the RI.</p>



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	<p>Friday afternoon impacts will begin, increase in surf on the south facing coast lines about 1' above normal. Friday night wind and rain increase stardly, worsening conditions overnight and into Saturday, 1-2" rain, 40-50 wind gusts (high in mostly exposed areas around the Bay and open water, allowing the Northern winds increase) sustained winds below tropical storm force, but in the 32-35 mph.</p> <p>Through day of Sat decreasing Sat night early Sun morning. Watch potential of a westward jog in the storm path, but only to raise wind gust highest at 60 mph (potentially).</p>
3	<p>Incident Commander Update – Al LaBarre</p> <ul style="list-style-type: none"> ▪ Operational Period – 1st Operations Period will extend a bit. <ul style="list-style-type: none"> ○ 2 pm today – 3:30 pm tomorrow ▪ Event Type Classification <ul style="list-style-type: none"> ○ Initial considerations are presenting a Type 3 event, but the official declaration will be made tomorrow ▪ Emergency Response Objectives <ul style="list-style-type: none"> ○ #1 – Safe preparations & planned operational response for the duration of the event. <ul style="list-style-type: none"> ▪ Prepare your teams to achieve the following: <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 – Establish and maintain effective communications with all Customers, Regulators, and External Agencies prior to and during the event ○ #3 – Activate all Emergency Response Organization (ERO) staffing & material needs
4	<p>Electric Operations Section Chief – Mike Hrycin</p> <p>Initially calling for an 8 p.m. Storm Room opening on Friday, but will confirm tomorrow with a more confident forecast Final plans for internal crew rotations and shifts will be completed tomorrow</p>
5	<p>Forestry – Chris Rooney</p> <p>210 crews will be onboarded Friday night ready to work Saturday morning</p>
6	<p>Substation Lead – Chris Araujo</p> <p>Proactively monitoring river levels for flood concerns due to the expected rain and possible storm surge</p>
7	<p>Control Center Lead – Mike Freitas</p> <p>Staffing up internally and will work with Storm Rooms to align the dispatching duties and decentralization.</p>



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8	<p>Storm Rooms – Jack Carey Staffing progress is being made for Storm Rooms On track to complete staffing by tomorrow that includes Police & Fire Support and Contractor Room assistance Request to National Grid for IT support in Storm Room and Providence EOC Will be seeking the RCS assignments when they are completed tomorrow</p>
9	<p>Wires Down – Ken Wood Wires Down will prepare an opening to align with the Storm Rooms Staffing and shift assignments for internal WD crews will be completed tomorrow, expecting 50 crews (25 day & 25 night) Have secured an additional 50 external Wire Guards to support the needed response</p>
10	<p>External Resource Lead – Brad Wheeler 237 crews including CoCs for D line</p>
11	<p>Transmission – Dan Glenning 6 x 7-man crews for sub t and t needs Coming with equipment for ROW and off ROW work</p>
12	<p>Planning Section Chief – Kathy Castro No exceptions</p>
13	<p>Damage Assessment – John Williams Activated internal team members Preparing to onboard 50 external DA crews when they arrive Friday</p>
14	<p>Logistics Section Chief – Avia Levin Four staging sites will be ready to operate by Friday at 5 pm Lodging for all external crews and staff have been secured Meal plans are ongoing but expected to be complete by tomorrow morning</p>
15	<p>Customer Contact Center – Chris Starr Life support call will go out at 11 am tomorrow Staffing Agents to 16-hour shifts starting Friday afternoon Social media covering throughout the duration of the event will be provided</p>
16	<p>External Liaison Officer – Brian Schuster Briefing with Gov office and RIEMA conducted earlier today, who appreciated our early and swift preparation efforts Will initiate multiple briefings daily Started outreach to regulatory authorities and state officials Muni rooms have been staffed and Community Liaisons have been put on notice All staging site contacts have been notified. RIEMA is likely to staff their IOC virtually for this event.</p>



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RI 90-Day Storm Report Appendix A Hurricane Lee September 15, 2023

17	<p>Public Information Officer – Ted Kresse Key messages drafted and signed off, to go out after this briefing, please cascade to your ERO team for awareness Will include financial and accounting info Social Media preparedness messages have been posted A press release will go out tomorrow, probably mid-day with the expectation of high media interest A Customer email message will go out tomorrow afternoon</p> <ol style="list-style-type: none"> 1. Request for pictures from the field restoration effort and damage. Please contact Ted Kresse for questions and instructions on images of damage for social media.
18	<p>Human Resources Officer – Kathy Moar No exceptions</p>
19	<p>Finance Section Chief – Brian Grzesiuk Accounting has been created and distributed yesterday Please use those work orders and enter submission in a timely manner</p>
20	<p>Safety & Environmental Officer – Brad Labine Both Environmental and Safety personnel have been activated for the event Field Support for Safety has also been secured from PPL EU – PA, arriving on Friday Contractors: Contractor resources has been secured for Environmental Support, Clean Harbors, Conoco & Moran</p>
21	<p>Security Officer – Paul Gordon No exceptions</p>
22	<p>Emergency Planning – Steve Parenteau</p> <ul style="list-style-type: none"> • Reach out early and often for any activation and preparedness support (Kim and Steve) • Consider opportunities to match job-shadow and on-the-job training for new ERO team members • Feel free to add participants to these briefing call – mindful to explain professional call etiquette • NAMAG Situational Awareness call 10 am today & daily – No open requests for resources currently <ul style="list-style-type: none"> ○ +2,000 Dist. Line contractor crews secured by adjacent utilities • Attending daily NOAA Forecast presentations hosted by RIEMA • Hosting daily coordination calls with PPL EU – PA Incident Management Team supporting RI in Providence
23	<p>Closing Remarks</p> <p>Thank you for the quick and through preparation efforts so far Please stay focused on the safety of yourself and all those around you</p>
24	<p>Next Scheduled Briefing - Date & Time</p> <ul style="list-style-type: none"> • 3:30 pm tomorrow



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RI 90-Day Storm Report Appendix A Hurricane Lee September 15, 2023

MEETING INFORMATION			
Date:	9/14/23	Time:	3:30 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/ Ted Kresse	X
Planning Section Chief/ Kathy Castro	X	Customer Contact Lead/ Chris Starr	X
Substation Lead/ Chris Araujo	D	Damage Assessment/ John Williams	X
Transmission Line Lead/ Dan Glenning	X	Safety & Environmental Officer/ Brad Labine	X
External Resource Lead/ Brad Wheeler	X	Security Officer/ Paul Gordon	X
Forestry Lead/ Chris Rooney	D	Human Resource Officer/ Kathy Moar	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 Fogarty, RI Energy Sr. Safety Professional On-time Accident Reporting: When an accident occurs, in order to avoid a delay in care, or a future occurrence, please report it as soon as possible. The quicker we can identify an injury and treat it; the likelihood of a lost time injury could be reduced. Supervisor awareness and communication is key. If you feel something, say something.
2	Weather Forecast & Predicted Impacts – Accuweather



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	<p>Currently a Cat 1 storm with sustained winds 90 mph with 150 mph gusts moving N about 15mph and about 750 mi S of Nantucket. Expect it to parallel the Northeast coast thru the weekend into Sun and Sun night. Should pass and make it's closest approach on Fri night into Sat morn. About 230 mi E of the state.</p> <p>First impact to begin tomorrow afternoon/evening, generally with 1-2 ft higher tides than normal. Wind impact out of the N late Fri with max during the day Sat also out of the North maybe 40-50mph with a decrease in intensity through the evening tapering off late Sat night very early Sun morn. About an 1" of rain, especially in the easter part of the state. Highest in exposed areas. Inland 35-45 mph gusts with sustained 15-25 mph winds. Primary impact across the sounds.</p>
3	<p>Incident Commander Update – Al LaBarre</p> <ul style="list-style-type: none"> ▪ Operational Period – 2nd Operational Period <ul style="list-style-type: none"> ○ 3:30 pm today – 5:00 pm tomorrow ▪ Event Type Classification <ul style="list-style-type: none"> ○ Type 3 Event <ul style="list-style-type: none"> ▪ Up to 28% of RIE customers interrupted ▪ Committing to restore 95% of outages within 72 hours from the time of peak ▪ Emergency Response Objectives <ul style="list-style-type: none"> ○ #1 – Deliver a safe and prompt restoration effort <ul style="list-style-type: none"> ▪ Prepare all your teams to achieve: <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 prompt and effective communications with all Customers, Regulators, and External Agencies prior to and during the event ○ #3 – Complete all Emergency Response Organization (ERO) staffing & material needs ○ #4 – Ensure all external crew on-boarding is conducted prior to any work they perform ○ #5 – By 3:00 pm Friday, complete the opening of the Providence Storm Room ○ #6 - Respond to all Police & Fire 911 Emergency calls within the Estimated Times of Arrival provided
4	<p>Electric Operations Section Chief – Mike Hrycin All internal OH, UG, CMS, Substation workers will be on rotational 24/7 shift coverage</p>



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	Shifts will start at both 11a and 11p All crew counts have been provided in detail, please contact Emergency Planning for information needs
5	Forestry – Chris Rooney 220 Tree crews have been secured, 190 day / 30 night
6	Substation Lead – Chris Araujo The team has been monitoring waterways and rain forecasts for flooding concerns No immediate concerns
7	Control Center Lead – Mike Freitas No exceptions
8	Storm Rooms – Jack Carey Providence Storm Room to open at 3pm tomorrow
9	Wires Down – Ken Wood No exceptions
10	External Resource Lead – Brad Wheeler All crews are expected to arrive by tomorrow night
11	Transmission – Dan Glenning No exceptions
12	Planning Section Chief – Kathy Castro No exceptions
13	Damage Assessment – John Williams No exceptions
14	Logistics Section Chief – Avia Levin The Meals and Lodging Team has secured 500 rooms, with only a few remaining to hit the target Fleet Services will open units in Lincoln, North Kingstown, and Middletown, with 24/7 coverage starting tomorrow Rebecca Golding will transition to Logistics Section Chief starting tomorrow
15	Customer Contact Center – Chris Starr Life Support and Critical Customer emergency notifications went out at 11am today
16	External Liaison Officer – Brian Schuster The Governor and Municipal leaders were briefed on our preparations today with positive feedback and appreciation



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17	<p>Public Information Officer – Ted Kresse Light media interest so far today Press Release went out earlier this afternoon Customer email and text notifications also went out regarding our preparations for the hurricane The team will participate in a Press Conference with the Gov and RIEMA tomorrow at 10:45a</p>
18	<p>Human Resources Officer – Kathy Moar No exceptions</p>
19	<p>Finance Section Chief – Brian Grzesiuk No exceptions</p>
20	<p>Safety & Environmental Officer – Brad Labine Safety on-boarding of external crews to start tomorrow evening at seven locations Coordinating with External Line Resource Unit to complete</p>
21	<p>Security Officer – Paul Gordon 3 of the 4 staging site locations have security staff secured The final site will be complete later today</p> <p>PIO – Media agencies may stop at our sites to conduct business, security staff will be notified of this possibility</p>
22	<p>Emergency Planning – Steve Parenteau</p> <ul style="list-style-type: none"> • Reach out to Steve & Kim for any final ERO activation efforts • Continue to seek opportunities of job-shadowing and on-the-job training for new team members • Feel free to add participants to these briefing calls – mindful to explain professional call etiquette • Mutual Aid - NAMAG Situational Awareness #2 call was at 10 am today– No open requests for resources <ul style="list-style-type: none"> ○ +2,500 Dist. Line contractor crews secured by adjacent utilities in New England • Attending daily NOAA Forecast presentations hosted by RIEMA • Facilitating daily coordination calls with PPL– PA Incident Management Team arriving in RI tomorrow
23	<p>Gas Operations Section Chief – Joe Curley Gas Construction & Maintenance resources have been secured to support the event CMS & Damage Prevention staff have also been acquired as needed An increased presence on Aquidneck Island and Westerly is planned until Sunday Critical valves located in flood prone areas have been inspected with a contingency plan established as needed Additional Wires Down support is available if needed to support any electric requests</p>
24	<p>Closing Remarks – Dave Bonenberger</p>



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	Thanks to you and your teams for the preparation efforts and response Feedback from our state agencies and offices has been positive and recognized Looking forward to our restoration coordination with the PPL-EU Incident Management Team (IMT) from PA
25	Next Scheduled Briefing - Date & Time <ul style="list-style-type: none"> 5:00 pm Friday

MEETING INFORMATION			
Date:	9/15/23	Time:	5:00 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/ Rebeca Golding	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/ John Williams	X
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/ Kathy Moar	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 – Ken Soares, RI Energy Sr. Safety Professional Even w/ high winds, the risks associated with mosquitoes EEE and West Nile virus should be cautioned and prepared for. Wear long sleeves and pants, with the highest risk during the dawn and dusk periods of the day. Use 20% DET products to treat clothing and follow product manufacturer recommendations regard applications
2	Weather Forecast & Predicted Impacts – Emergency Planning



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	<p>Mostly dry conditions continue through this evening. Hazardous wind gusts will continue across Nantucket and spread across southern and eastern regions tonight as Hurricane Lee approaches the area. Gusty winds and rainfall chances will increase for the rest of the service area Saturday as Hurricane Lee pushes farther north into the Gulf of Maine. Confidence is currently medium-high in Hurricane Lee's track. Although, any westward shift to the track would increase the wind and precipitation threats this weekend, an eastward shift would decrease hazard levels. By Sunday, Hurricane Lee exits the region with quieter conditions returning through the afternoon. Monday, a cold front will pass through the region and provide a chance for isolated thunderstorms during the afternoon and early evening. Dry and hazard-free conditions return Tuesday.</p>
3	<p>Incident Commander Update – Al LaBarre</p> <ul style="list-style-type: none"> ▪ <u>Operational Period – 3rd Operational Period</u> <ul style="list-style-type: none"> ○ 4:30 pm today – 8:00 am tomorrow ▪ <u>Event Type Classification</u> <ul style="list-style-type: none"> ○ Type 3 Event <ul style="list-style-type: none"> ▪ Up to 28% of RIE customers interrupted ▪ Committing to restore <u>95% of outages within 72 hours</u> from the time of peak ▪ <u>Emergency Response Objectives</u> <ul style="list-style-type: none"> ○ #1 – Ensure a safe and prompt operational response <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 safety onboarding for all newly acquired external resources prior to any work being performed ○ #4 – Respond to all Police & Fire 911 Standby and Wire Down calls within the required timeframes ○ #5 – Assess and prioritize all critical customer & critical facility outages ○ #6 – Regularly assess and update all Estimated Times of Restoration (ETRs)
4	<p>Electric Operations Section Chief – Mike Hrycin No exceptions</p>
5	<p>Forestry – Chris Rooney</p>



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	No exceptions
6	Substation Lead – Chris Araujo No exceptions
7	Control Center Lead – Mike Freitas No exceptions
8	Storm Rooms – Jack Carey The Storm Rooms opened at 3pm today as expected NG TSA IT Helpdesk Support staff is on site and assisting
9	Wires Down – Ken Wood No exceptions
10	External Resource Lead – Brad Wheeler No exceptions
11	Transmission – Dan Glenning No exceptions
12	Planning Section Chief – Kathy Castro No exceptions
13	Damage Assessment – John Williams No exceptions
14	Logistics Section Chief – Rebecca Golding No exceptions
15	Customer Contact Center – Chris Starr No exceptions
16	External Liaison Officer – Brian Schuster Gov office meeting standing down from daily call cadence. RIEMA has deactivated the virtual EOC until the need for activation arises The press conference was well received with positive feedback
17	Public Information Officer – Ted Kresse 2 media inquiries for information were fielded and answered
18	Human Resources Officer – Kathy Moar



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	No exceptions
19	Finance Section Chief – Kate Hearn No exceptions
20	Safety & Environmental Officer – Brad Labine No exceptions
21	Security Officer – Paul Gordon / Tim Sanzi No exceptions
22	Emergency Planning – Steve Parenteau <ul style="list-style-type: none"> • Seek opportunities of job-shadowing and on-the-job training for new team members • Attended final NOAA Forecast presentations hosted by RIEMA this morning
23	Gas Operations Section Chief – Joe Curley No exceptions
24	Closing Remarks RCSs have been onboarded from PPL, excited for this opportunity for partnership of sharing knowledge and experience.
25	Next Scheduled Briefing - Date & Time <ul style="list-style-type: none"> • 9:00 am Saturday



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RI 90-Day Storm Report Appendix A Hurricane Lee September 15, 2023

MEETING INFORMATION			
Date:	9/16/23	Time:	9:00 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/ Rebeca Golding	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/ John Williams	X
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/ Kathy Moar	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 – Brad Labine
2	Weather Forecast & Predicted Impacts – Emergency Planning Gusty winds and rain chances increase for the rest of the service area today as Hurricane Lee pushes farther north into the Gulf of Maine. By Sunday, Hurricane Lee exits the region with quieter conditions returning through the afternoon. Monday, a cold front will pass through the region and provide a chance for isolated



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	thunderstorms during the afternoon and early evening. Dry and hazard-free conditions return Tuesday and Wednesday.
3	<p>Incident Commander Update – Al LaBarre</p> <ul style="list-style-type: none"> ▪ <u>Operational Period – 4th Operational Period</u> <ul style="list-style-type: none"> ○ 8:00 am– 12:00 pm ▪ <u>Event Type Classification</u> <ul style="list-style-type: none"> ○ Type 5 Event <ul style="list-style-type: none"> ▪ Normal Operations ▪ <u>Emergency Response Objectives</u> <ul style="list-style-type: none"> ○ #1 – Ensure a safe and prompt operational response <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 – Execute and complete all demobilization plans within the determined timelines provided
4	Electric Operations Section Chief
5	Forestry – Chris Rooney No exceptions
6	Substation Lead – Chris Araujo No exceptions
7	Control Center Lead – Mike Freitas No exceptions
8	Storm Rooms – Jack Carey No exceptions
9	Wires Down – Ken Wood No exceptions



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10	External Resource Lead – Brad Wheeler No exceptions
11	Transmission – Dan Glenning No exceptions
12	Planning Section Chief – Kathy Castro No exceptions
13	Damage Assessment – John Williams No exceptions
14	Logistics Section Chief – Rebecca Golding No exceptions
15	Customer Contact Center – Chris Starr No exceptions
16	External Liaison Officer – Brian Schuster No exceptions
17	Public Information Officer – Ted Kresse No exceptions
18	Human Resources Officer – Kathy Moar No exceptions
19	Finance Section Chief – Kate Hearn No exceptions
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	Gas Operations Section Chief – Joe Curley No exceptions



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Hurricane Lee
September 15, 2023

24	Closing Remarks
25	Next Scheduled Briefing - Date & Time <ul style="list-style-type: none">• None

Appendix B

Please see the Excel version of Appendix B.

Appendix C

Please see the Excel version of Appendix C.

Appendix D

Please see the Excel version of Appendix D.

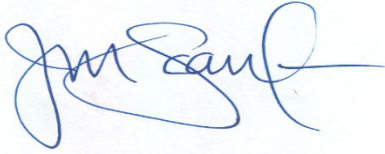
Appendix E

Please see the Excel version of Appendix E.

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

December 14, 2023
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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