

**THE STATE OF NEW HAMPSHIRE**  
**BEFORE THE**  
**NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION**

**DOCKET NO. DE 22-XXX**  
**PETITION FOR RECOVERY OF STORM EXPENSES**

**PREPARED TESTIMONY OF**  
**MARISA B. PARUTA AND DEAN C. DESAUTELS**

**On behalf of Public Service Company of New Hampshire**  
**d/b/a Eversource Energy**

**April 29, 2022**

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1 **I. INTRODUCTION**

2 **Q. Ms. Paruta, please state your name, position, and business address.**

3 A. My name is Marisa B. Paruta. My business address is 107 Selden Street, Berlin,  
4 Connecticut. I am employed by Eversource Energy Service Company as the Director of  
5 New Hampshire Revenue Requirements and in that position, I provide service to Public  
6 Service Company of New Hampshire d/b/a Eversource Energy (“Eversource” or the  
7 “Company”).

8 **Q. Please provide your educational and professional background.**

9 A. I received a Bachelor of Arts degree in accounting from the University of Connecticut  
10 School of Business. I started my career at Arthur Andersen in the client audit and assurance  
11 practice, continuing at Deloitte in the same practice. I joined Northeast Utilities,  
12 Eversource’s predecessor, and worked in the accounting organization through multiple  
13 positions leading to the Director of Corporate Accounting and Financial Reporting. I  
14 moved to the Regulatory and Revenue Requirements team in my current position in June  
15 2021. I have been with Eversource Energy for over 18 years.

1 **Q. Have you previously testified before the Commission?**

2 A. Yes. I have provided testimony, including the Company's 2021 regulatory reconciliation  
3 adjustment filing docketed as DE 21-029, and the proposed system benefits charge rate  
4 change as filed in Docket No. DE 20-092.

5 **Q. What are your current responsibilities?**

6 A. I am currently responsible for the coordination and implementation of revenue  
7 requirements calculations for Eversource, as well as the rate and regulatory filings  
8 associated with Eversource's default Energy Service ("ES"), Stranded Cost Recovery  
9 Charge ("SCRC"), Transmission Cost Adjustment Mechanism ("TCAM"), System  
10 Benefits Charge ("SBC"), Regulatory Reconciliation Adjustment mechanism ("RRA"),  
11 and Distribution Rates.

12 **Q. Mr. Desautels, please state your name, position, and business address.**

13 A. My name is Dean C. Desautels. My business address is 780 North Commercial Street,  
14 Manchester, New Hampshire. I am employed by Eversource Energy Service Company as  
15 the Manager of Emergency Preparedness and in that position, I provide service to Public  
16 Service Company of New Hampshire d/b/a Eversource Energy ("Eversource" or the  
17 "Company").

18 **Q. Please provide your educational and professional background.**

19 A. I have worked in the utility industry for 22 years with the last 7 years as Manager of  
20 Emergency Preparedness for Eversource Energy's New Hampshire Electric Operations. I  
21 have previously held similar positions for Eversource Energy in Connecticut and National  
22 Grid in Massachusetts. I hold a Bachelor of Science in Electrical Engineering from

1 Norwich University and a Certificate of Business Leadership from Worcester  
2 Polytechnical Institute's School of Industrial Management.

3 **Q. Have you previously testified before the Commission?**

4 A. Yes. I provided testimony in support of the Company's 2021 petition for recovery of storm  
5 costs docketed as DE 21-089.

6 **Q. What are your current responsibilities?**

7 A. I am currently responsible for the Company's Emergency Response Plan ("ERP"),  
8 including coordinating for preparedness, response, and recovery activities for emergency  
9 incidents, including severe weather events.

10 **Q. What is the purpose of your joint testimony?**

11 A. Our testimony presents information for Commission review on eight pre-staging and storm  
12 response events and associated costs that occurred between August 2020 and June 2021 .  
13 The storm events are all eligible for storm-fund deferral treatment pursuant to the Major  
14 Storm Cost Reserve ("MSCR") mechanism established in Docket No. DE 99-099 and the  
15 pre-staging criteria approved in Docket No. DE 12-320.

16 **Q. Is the Company proposing a rate to take effect as a result of this filing?**

17 A. No. The Company is not proposing a rate for effect as part of this filing. The Company is  
18 requesting that the storm costs be reviewed for accuracy and recovered through the MSCR.

19 **Q. Please provide a brief history of the Major Storm Cost Reserve and describe its  
20 evolution.**

21 A. The MSCR was first established in Docket DE 99-099. Pursuant to the settlement  
22 agreement approved by the Commission in that docket (the "DE 99-099 Settlement

1 Agreement”), the Company is allowed to defer costs attributable to pre-staging and  
2 restoration efforts derived from severe weather events that meet the criteria mentioned  
3 previously. The DE 99-099 Settlement Agreement provided annual funding of \$3.0 million  
4 for the MSCR, for the purpose of covering the incremental costs associated with severe  
5 weather events. The Commission authorized Eversource to increase the funding level to  
6 \$3.5 million annually in Docket DE 09-035. The annual funding level was further  
7 increased to \$7 million annually pursuant to Order No. 25,382 2012) issued in Docket No.  
8 DE 12-110.

9 The Commission allowed for inclusion of pre-staging costs in Docket No. DE 12-320. As  
10 discussed in greater detail below, pursuant to Order No. 25,465 in Docket No. DE 12-320,  
11 the Commission allowed pre-staging events that had a “high” probability of reaching  
12 “Level 3” according to the Energy Event Index (“EEI”) to be eligible for recovery under  
13 the MSCR. Under Order No. 25,534 (June 27, 2013) in Docket No. DE 13-127, Eversource  
14 was authorized to increase the funding level to \$12.0 million annually; this level of funding  
15 was confirmed in Order No. 26,433 issued in Docket No. DE 19-057. Order No. 26,433  
16 also permits the Company to file for a separate, temporary amortization of storm costs for  
17 storm events that exceed \$25 million per event, which may include a request to recover  
18 costs for repair or damage due to such storm events through a surcharge (the Storm Cost  
19 Adjustment Mechanism).

20 **Q. Please define the requirements for a weather event to be applicable for recovery**  
21 **within the MSCR.**

22 A. For all impending storms, Eversource receives an EEI from its outside vendor, DTN. The  
23 EEI provides highly detailed weather forecasts by region and zone for the Eversource

1 service area. DTN’s EEI forecast includes all relevant weather metrics needed to determine  
2 the likely severity and location of an impending severe storm. The EEI ranks the strength  
3 of the storm on a scale from 1 to 5, where 5 will be the most severe and cause the most  
4 damage, and then applies a likelihood against the forecasted strength of the storm.

5 Pursuant to the criteria established in Docket No. DE 12-320, pre-staging costs can be  
6 recovered through the MSCR if the weather event has a “high” (greater than 60% based on  
7 the forecast) probability of reaching “Level 3” or stronger, according to the EEI. *See* DE  
8 12-320, Order No. 25,465, at 4 (2013). For non-pre-staging events, a Major Storm is  
9 defined as an event that results in either: (a) 10% or more of Eversource’s retail customers  
10 being without power in conjunction with more than 200 reported troubles; or (b) more than  
11 300 reported troubles during the event. *See* Order No. 25,465, at 1.

12 **Q. Can you please list the storm events, which are the subject of this filing?**

13 A. In this filing, the Company is presenting information supporting the costs for eight storm  
14 and pre-staging events that occurred from August 2020 through June 2021: (1) August 4,  
15 2020 Major Storm; (2) December 5, 2020 Major Storm; (3) December 16, 2020 Pre-  
16 Staging event; (4) February 1, 2021 Pre-Staging event; (5) February 15, 2021 Pre-Staging  
17 event; (6) March 1, 2021 Major Storm; (7) March 29, 2021 Major Storm; and (8) June 30,  
18 2021 Major Storm (collectively, the “Storm Events”).

19 **Q. Are there any 2021 Storm Events that occurred but are not included in this filing  
20 because their costs are not yet “finalized”?**

21 A. No. There were no storm event that occurred during 2021 that were excluded from this

1 filing.

2 **Q. How does the Company determine whether or not the costs of a Major Storm or pre-**  
3 **staging event are “finalized”?**

4 A. A Major Storm or pre-staging event’s costs are considered “finalized” when there are no  
5 longer any unvouchered liabilities (“UVLs”) charged to the work order. UVLs are used to  
6 record or estimate the liability that exists for work performed for the Company, but for  
7 which an actual invoice has not yet been received.

8 **Q. Does the Company’s filing of finalized storm costs guarantee that a relevant charge**  
9 **will not be received after costs have been filed for recovery?**

10 A. No. Even though the process in place for tracking, revising, and finalizing storm costs is  
11 relatively reliable, there is still the possibility for a relevant charge to be received after the  
12 storm costs have been filed. This situation could occur if invoices were received, and a  
13 liability was not recorded or applied. The Company will include these late charges in  
14 subsequent annual storm cost recovery filings.

15 **Q. Are there any relevant charges that have been recorded for prior Storm Events that**  
16 **have been previously audited?**

17 A. No.

18 **Q. How is this filing organized?**

19 A. This filing is organized to facilitate the efficient review of costs by the Commission. To  
20 achieve this objective, the Company has developed exhibits that organize the costs incurred  
21 for each storm into the following format: (1) summary of costs by storm; and (2) summary  
22 of costs by category by storm. Documentation and supporting backup analysis will be  
23 made available upon request.



1 Section II describes the review process that is undertaken to analyze charges from outside  
2 vendors to ensure that costs are accurate and reasonable. Section III is a review of each of  
3 Storm Event and associated costs by category. Section IV provides concluding remarks.

4 **II. QUALIFYING EVENT OVERVIEW AND COST ANALYSIS**

5 **Q. For the Storm Events that have yet to be audited, please provide the total amount of**  
6 **storm costs included in this filing.**

7 A. As illustrated in the table below, the Company incurred storm-related preparation and  
8 response costs totaling approximately \$42.8 million in relation to the eight Storm Events  
9 listed. These amounts do not include any costs capitalized within utility plant on the  
10 Company’s books nor the carrying charge associated with the costs incurred. Including the  
11 carrying charge associated with the timing of each of these expenditures, the total cost as  
12 of March 31, 2022 was approximately \$45.4 million.

Storm	Direct Costs	Carrying Costs as of 3/31/22	Total Cost as of 3/31/22
08/04/2020 Major Storm	\$ 5,578,646	\$ 466,394	\$ 6,045,040
12/05/2020 Major Storm	\$ 20,735,332	\$ 1,266,351	\$ 22,001,683
12/16/2020 Pre-Staging	\$ 181,625	\$ 11,497	\$ 193,122
02/01/2021 Pre-Staging	\$ 1,578,743	\$ 85,442	\$ 1,664,185
02/15/2021 Pre-Staging	\$ 1,026,075	\$ 52,128	\$ 1,078,203
03/01/2021 Major Storm	\$ 6,597,139	\$ 344,824	\$ 6,941,963
03/29/2021 Major Storm	\$ 5,240,129	\$ 264,729	\$ 5,504,858
06/30/2021 Major Storm	\$ 1,869,864	\$ 62,480	\$ 1,932,344
Total	\$ 42,807,552	\$ 2,553,845	\$ 45,361,397

13  
14 **Q. Did the Company review the incremental storm expenses to ensure the amounts**  
15 **identified are accurate and correctly attributable to each event?**

16 A. Yes. The Company undertook a thorough review of invoices and costs recorded to the  
17 Company’s system in relation to these events. In conducting that review, the Company

1 carefully examined the charges to confirm that the costs are incremental costs directly  
2 attributable to the emergency response and not otherwise represented or recoverable in any  
3 other distribution rate, charge, or tariff.

4 Moreover, all the costs presented for recovery in this filing were reasonably and necessarily  
5 incurred to prepare for and respond to the Storm Events. The costs in this filing were  
6 incurred to make the repairs necessary to address the damage caused by those severe  
7 weather events and support the restoration effort or to prepare for the potential sever  
8 weather event.

9 **Q. What is the Company's primary tool for accounting for storm restoration costs?**

10 A. During the pre-storm planning process for a pending ERP event, the Company establishes  
11 storm work orders within its financial system to capture costs as those costs are incurred.  
12 All applicable costs are captured in the work order. For example, as employees work on  
13 restoration efforts, all their event-related work hours are charged to the appropriate work  
14 order, which allows for the tracking of storm costs.

15 To capture costs incurred by employees in fulfilling their storm duties, the Company  
16 utilizes procurement cards. The purpose of these purchases is to acquire needed items that  
17 are not typically maintained in inventory and are not capital items or for expenses related  
18 to food and lodging where the Company does not have an established purchase order.  
19 Examples of these types of items include tape and slings needed to make an area safe.  
20 Procurement cards allow employees to make immediate purchases from vendors, while  
21 simultaneously providing management line-of-sight supervisory ability to monitor charges  
22 and assess whether the charges are appropriate and includable for storm-cost recovery. For  
23 an ERP event, corporate procurement cards are used to ensure that costs are segregated and

1 recorded directly to specific storm-related accounts on the Company's accounting books  
2 and records. Receipts for all purchases are required for submission into the Company  
3 system. The Company's systems also allow for supervision of the card use for all corporate  
4 procurement cards.

5 **Q. Are capitalized storm costs excluded from this request for recovery?**

6 A. Yes. In a Major Storm event, capital costs are incurred in relation to the restoration and/or  
7 replacement of distribution equipment damaged by the storm. Capital work occurs in two  
8 phases of the storm: (1) during the initial phase of the storm, in the days immediately  
9 following the storm when the Company is working to restore power to customers  
10 efficiently and safely; and (2) during the non-emergency, post-storm restoration phase,  
11 which can last well after the event date, as permanent repairs are made to replace temporary  
12 repairs made to restore power immediately following the storm.

13 In general terms, work is considered capital under utility general accounting principles  
14 where a unit of property is either replaced or newly installed. During the initial phase of  
15 the storm, there is a significant level of activity occurring, all with a paramount focus on a  
16 safe and expeditious restoration. Therefore, initially all material and labor are charged to  
17 the expense work order established for the event to track costs for the storm event. After  
18 the storm, all material charges are reviewed and any units of property are moved to a capital  
19 work order, along with the associated labor costs. As a result, the costs submitted in this  
20 filing for recovery through rates are exclusive of any capitalized costs incurred to make  
21 storm-related repairs. All capital costs are simply reflected within utility plant subject to  
22 the ordinary distribution ratemaking process.

23 The following is a summary of the process for capitalizing materials used during a storm:

1 All restoration costs are initially accumulated in an expense work order specific to that  
2 event. Once the costs have been collected in the work order, the material issued or charged  
3 to the storm expense work order is reviewed to identify capital units of property (retirement  
4 units). Based upon the units of property identified, an estimate is developed of the work  
5 performed during a storm that should be capitalized. This estimating process utilizes  
6 information from the Company's work management system, such as man-hour estimates,  
7 to develop the installed cost associated with the replacement of capital units of property  
8 during the storm restoration. The installed cost of the capital units of property is estimated  
9 at a high level (labor, vehicles, material, overheads), not at a transactional level. Once the  
10 capitalized costs are determined, they are transferred from the storm expense work order  
11 to a separate capital work order and ultimately closed to the appropriate plant accounts.  
12 This process has been used by Eversource for many years to capitalize material costs during  
13 a Major Storm event as it would be burdensome to charge each capital item to a unique  
14 work order as is the case when work is performed in a non-storm restoration situation.

15 **Q. In Docket No. DE 18-058, Audit Staff and Staff recommended removing certain**  
16 **charges deemed to be "Media Communications." Are these costs included in the**  
17 **schedules for these weather events?**

18 A. No. The final revenue requirement in Docket No. DE 19-057 included an adjustment of  
19 \$69,523 made to the 2018 test year to incorporate costs associated with West Interactive  
20 into the base distribution revenue requirement and cost of service.<sup>1</sup> West Interactive costs  
21 incurred during the test year were associated with media communication efforts on behalf  
22 of the Company during storm response. Since West Interactive costs were incorporated

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<sup>1</sup> Docket DE 19-057, Final Revenue Requirement at Bates 16, line 29 (January 22, 2021)

1 into base distribution rates, costs related to media communications are considered non-  
2 incremental and are excluded from the storm cost recovery filings.

3 **Q. Would you please provide an overview of the costs that are included for review in this**  
4 **filing, by cost category?**

5 A. Yes. The Company has organized the costs relating to each storm event into four  
6 categories. These categories are: (1) charges from external contractors, outside vendors,  
7 procurement cards and other logistical charges; (2) incremental storm related payroll costs,  
8 payroll related overheads and taxes, and employee expenses; (3) incremental vehicle costs;  
9 and (4) materials costs. The table below identifies costs for each storm in these categories  
10 as of March 31, 2022.

Storm	External Contractors / Outside Vendors / Procurement Cards	Payroll, Overheads and Taxes, Employee Expenses	Vehicle Expenses	Materials & Supplies	Total Direct Costs
08/04/2020 Major Storm	\$ 2,859,241	\$ 2,353,793	\$ 334,859	\$ 30,753	\$ 5,578,646
12/05/2020 Major Storm	\$ 17,108,450	\$ 3,193,568	\$ 383,338	\$ 49,976	\$ 20,735,332
12/16/2020 Pre-Staging	\$ 128,811	\$ 41,585	\$ 11,228	\$ -	\$ 181,625
02/01/2021 Pre-Staging	\$ 1,444,069	\$ 95,339	\$ 39,335	\$ -	\$ 1,578,743
02/15/2021 Pre-Staging	\$ 848,841	\$ 105,828	\$ 71,406	\$ -	\$ 1,026,075
03/01/2021 Major Storm	\$ 4,702,785	\$ 1,406,100	\$ 426,515	\$ 61,739	\$ 6,597,139
03/29/2021 Major Storm	\$ 3,724,200	\$ 1,179,455	\$ 315,367	\$ 21,107	\$ 5,240,129
06/30/2021 Major Storm	\$ 1,193,536	\$ 531,081	\$ 139,265	\$ 5,982	\$ 1,869,864
Total	\$ 32,009,934	\$ 8,906,749	\$ 1,721,312	\$ 169,557	\$ 42,807,552

11  
12 Documentation and/or analyses for each of these categories will be made available upon  
13 request. Each one of these categories is further discussed and described below.

14 **Q. For the first category of costs identified as external contractors, outside vendors,**  
15 **procurement card and other logistical charges, please explain what types of costs are**  
16 **included in this category?**

17 A. This category encompasses any external product or service required by the Company to  
18 prepare for and execute the restoration effort. The total costs incurred in this category for

1 the Storm Events were approximately \$32.0 million. The costs billed to Eversource in this  
2 category are divided into three primary classifications: (1) overhead line and service  
3 crews; (2) vegetation-management services; and (3) “other.” “Other” costs include the  
4 following categories: environmental, customer and safety communications (this does not  
5 include the media communications discussed above), police detail, transportation,  
6 professional logistics, and food and lodging expenses.

7 **Q. Would you explain what types of costs are incurred in relation to overhead line and**  
8 **service crews, and vegetation management services?**

9 A. Yes. Costs incurred in the classification of overhead line crews are for repair crews called  
10 in to work on the overhead system to restore power to customers. Within this category,  
11 there are two types of resources: (1) professional line contractors and service crews  
12 engaged to work on the Eversource system during severe weather emergency periods; and  
13 (2) mutual aid line crews obtained from other electric utilities.

14 Costs incurred in the classification of vegetation management are for the crews that are  
15 responsible for the safe removal of trees, branches, and other like debris that has created  
16 outages along Eversource’s system. These resources are professional contractors engaged  
17 to work on the Eversource system during severe weather emergency periods.

18 **Q. How are the rates for these three types of crews established?**

19 A. The rates paid to contractors who work on the Eversource system during non-emergency  
20 periods are established through a negotiated purchase order process, which defines the rate  
21 structure. The rates for external contract crews hired for the exclusive purpose of the storm  
22 are also established through the negotiated purchase order process. The rates for mutual

1 aid crews are established through the Edison Electric Institute's Governing Principles  
2 Covering Emergency Assistance Arrangements Between Edison Electric Institute Member  
3 Companies. The guiding principle of mutual aid is that a utility is compensated based on  
4 its cost to provide services to another utility.

5 **Q. What is the internal review process that is followed to verify that invoiced costs from**  
6 **external contractors and outside vendors are correct?**

7 A. The Resource Acquisition Section of Eversource's ERP is comprised of individuals who  
8 are responsible for the procurement of contractor resources. The Resource Acquisition  
9 Section works in partnership with the Logistics Section and the Company's Procurement  
10 Department to secure contractors at the direction of the Incident Commander and Electric  
11 Operations Section Chief, with input from the other ERP section chiefs, as appropriate. As  
12 part of the procurement process, rates and mobilization/demobilization procedures are  
13 negotiated and agreed to with the vendor. In addition, throughout the event, Eversource  
14 supervisors are specifically assigned to the external crews to oversee the work of external  
15 resources. Each day, the contractors prepare timesheets, which are verified and signed off  
16 by the designated Eversource supervisor to ensure that the indicated work hours are  
17 accurate.

18 After the event, each contractor hired by Eversource to perform storm-related services  
19 renders invoice(s) related to those services. The invoice detail is initially reviewed by  
20 Eversource clerical personnel, who are responsible for verifying that accurate (contract)  
21 rates are charged for each job classification based on the rates negotiated. The clerical  
22 employee also verifies the mathematical accuracy of the calculations on the bill, as well as  
23 whether the hours on the invoice align with the hours reported to the Company (or recorded

1 by the Company) during the event. After this initial review, the invoices are further  
2 reviewed by an Eversource supervisor prior to approval of the invoice in accordance with  
3 the Company's Delegation of Authority.

4 During the review of these invoices, if discrepancies are identified or additional  
5 information is needed, Eversource personnel contact the vendor and, if adequate supporting  
6 documentation is not available, invoice charges are rejected in part or in total, as  
7 appropriate. In addition, if discrepancies are identified that resulted in over or under  
8 charging, Eversource works with the vendors to reconcile and receive/pay the appropriate  
9 amount due.

10 **Q. How are procurement card and other logistical costs compiled?**

11 A. A large portion of these costs relate to lodging and meals for external contractors working  
12 on the system. The Company also provides meals and lodging for internal crews and  
13 support staff who may have to travel some distance from home or work extended hours to  
14 perform restoration work within the Eversource service territory.

15 **Q. How are lodging and meals procured and tracked?**

16 A. The Logistics Section of the ERP team is responsible for arranging lodging for internal and  
17 external personnel. In advance of a storm event, the Logistics team coordinates with hotels  
18 across the system to validate the availability of rooms depending on the size of the event.  
19 As rooms are needed, the hotels with sufficient availability in the areas where contractor  
20 resources will be assigned are called to book lodging. All invoices associated with meals  
21 and lodging are reviewed by the Logistics Section and signed off by the manager in charge  
22 of the group to assure that the Company only pays for lodging and not for un-related room



1 charges.

2 In most cases, lodging arrangements are paid for via a procurement card. All cardholders  
3 are responsible for the charges on their procurement card and are required to provide  
4 receipts along with the associated statements to their managers for final review and  
5 approval. Procurement cards are also utilized to pay for meals or food brought into the  
6 area work centers for those employees working there. The Logistics Section coordinates  
7 the meal arrangements at the various area work centers. Meals and water as needed are  
8 also purchased by individuals who have their own designated procurement cards.

9 **Q. For the second category of costs identified as incremental storm related payroll costs,**  
10 **how have costs been compiled for this category?**

11 A. The costs incurred for payroll and payroll-related costs were approximately \$8.9 million.  
12 This includes direct payroll costs for all Eversource affiliated companies as well as payroll-  
13 related overheads and taxes for affiliates that would not have been incurred by Eversource  
14 except for the need to conduct the storm-response effort. Employee expenses are also  
15 included in this category. Costs eligible for reimbursement include meals, mileage and  
16 travel expenses for those employees that are working the storm event that may not have a  
17 procurement card or as contractually obligated.

18 Direct payroll costs include the labor costs for union and non-union personnel. Employees  
19 are required to account for each hour worked every day. Employees in the field with a  
20 designated timekeeper fill out a paper or online timesheet with their hours worked. The  
21 timesheet is reviewed and approved by the employee's supervisor and entered into  
22 Eversource's time and attendance system by a clerical employee in the office. Employees  
23 with access to Eversource's time and attendance system enter their own time directly and

1 supervisors review and approve payroll in that system.

2 For the union personnel discussed above, the actual costs related to their worked hours is  
3 based on the applicable collective-bargaining agreement(s). Exempt employee time is  
4 captured and tracked in the same storm account. Since exempt employees are not routinely  
5 paid for overtime, this time entry is for tracking purposes only. During the most severe  
6 weather events, exempt employees are required to work an extensive number of hours over  
7 their typical work week. Depending on the severity of the event, exempt operations  
8 supervisory employees are paid for overtime worked during a storm event, consistent with  
9 the Eversource storm pay policy. For exempt employees who do not fall into the operations  
10 supervision category or if the ERP level of the event is not met, employees at the level of  
11 manager and below may be awarded fixed compensation, referred to as emergency  
12 response stipends.

13 **Q. Do any of the Storm Events included in this filing contain stipends for exempt**  
14 **employees?**

15 A. No.

16 **Q. Has the Company removed overtime costs associated with storm-related capital**  
17 **work?**

18 A. Yes. As mentioned above, the Company uses a capitalization process that estimates the  
19 labor costs associated with the capital units of property installed and removed during a  
20 restoration event. Factored into that estimation is an assumption that all work is performed  
21 under adverse weather conditions and on overtime. Therefore, overtime is removed from  
22 the storm costs when labor costs are transferred from the expense work order to the capital  
23 work order. Overheads and loaders, including vehicle cost allocations, are applied to the

1 labor and material costs capitalized.

2 **Q. For the third category of costs identified as vehicle expenses, please explain the costs**  
3 **incurred due to vehicles.**

4 A. Vehicle costs are incurred when a Company vehicle is needed to perform restoration work  
5 or, in the case of pre-staging, be deployed in advance of the anticipated weather to be ready  
6 to respond to the most affected areas as they emerge. The costs allocated for use of vehicles  
7 during the restoration work were approximately \$1.7 million.

8 **Q. For the fourth category of costs identified as materials and supplies, how are costs**  
9 **compiled for this category?**

10 A. The costs incurred for materials and supplies were approximately \$0.2 million. The  
11 materials and supplies category represents the incremental costs associated with the  
12 materials used to restore power and repair storm damage. Typically, these are small items  
13 like tape, nuts and bolts, and short sections of wire, safety, and protective equipment. Also  
14 included in these amounts are store and lobby stock items purchased during a storm event.  
15 Costs associated with capitalized materials are appropriately removed from the costs  
16 included in this category.

17 **Q. Did the Company implement any COVID-19 protocols for the Storm Events?**

18 A. Yes. The Company implemented protocols to ensure employees were adhering to  
19 Company, state and local protocols beginning in March 2020. These protocols were  
20 updated periodically to maintain compliance with state and local guidelines throughout  
21 2020 and 2021. In addition, many Eversource employees were able to support the  
22 restoration and pre-staging efforts while working remotely.

23

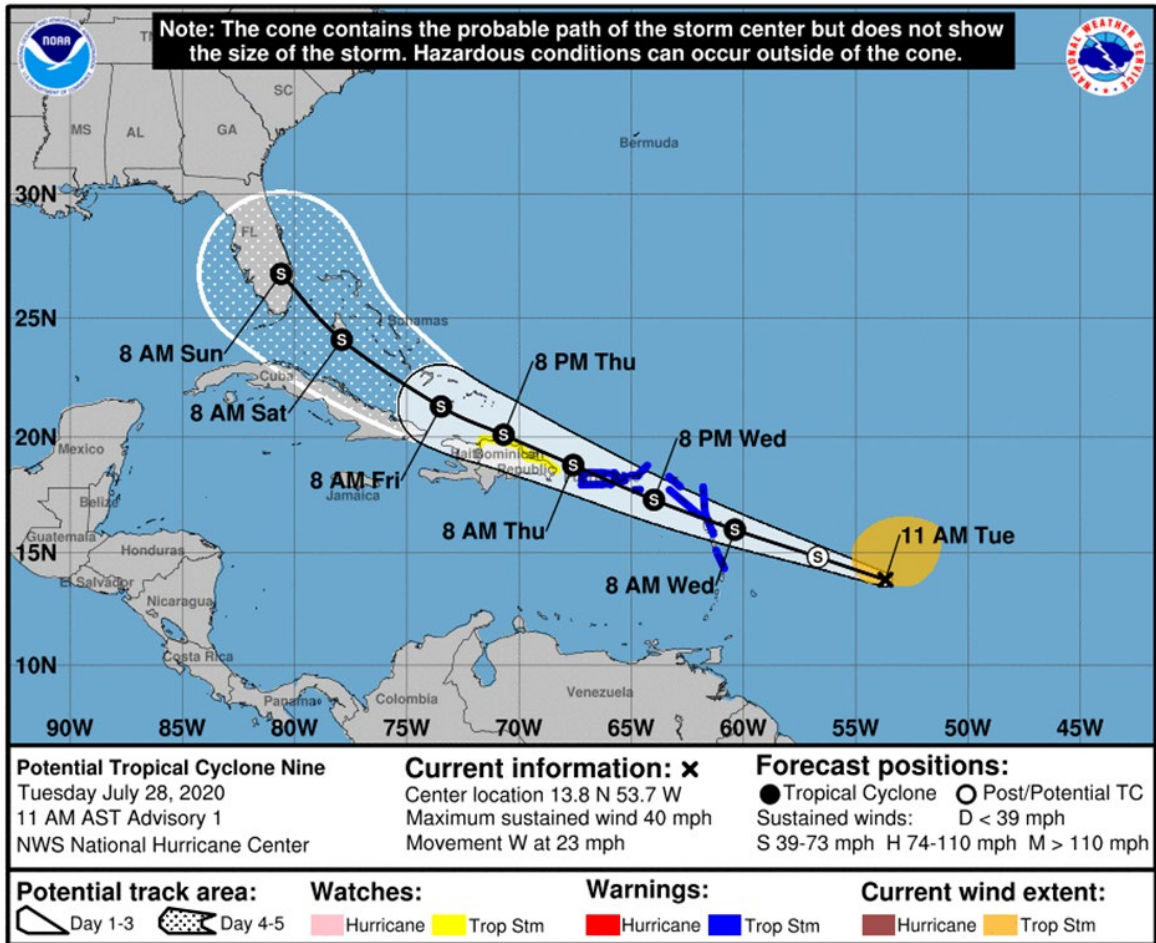
1

2 **III. MAJOR STORM AND PRE-STAGING EVENTS**

3 **August 4, 2020 Major Storm Event**

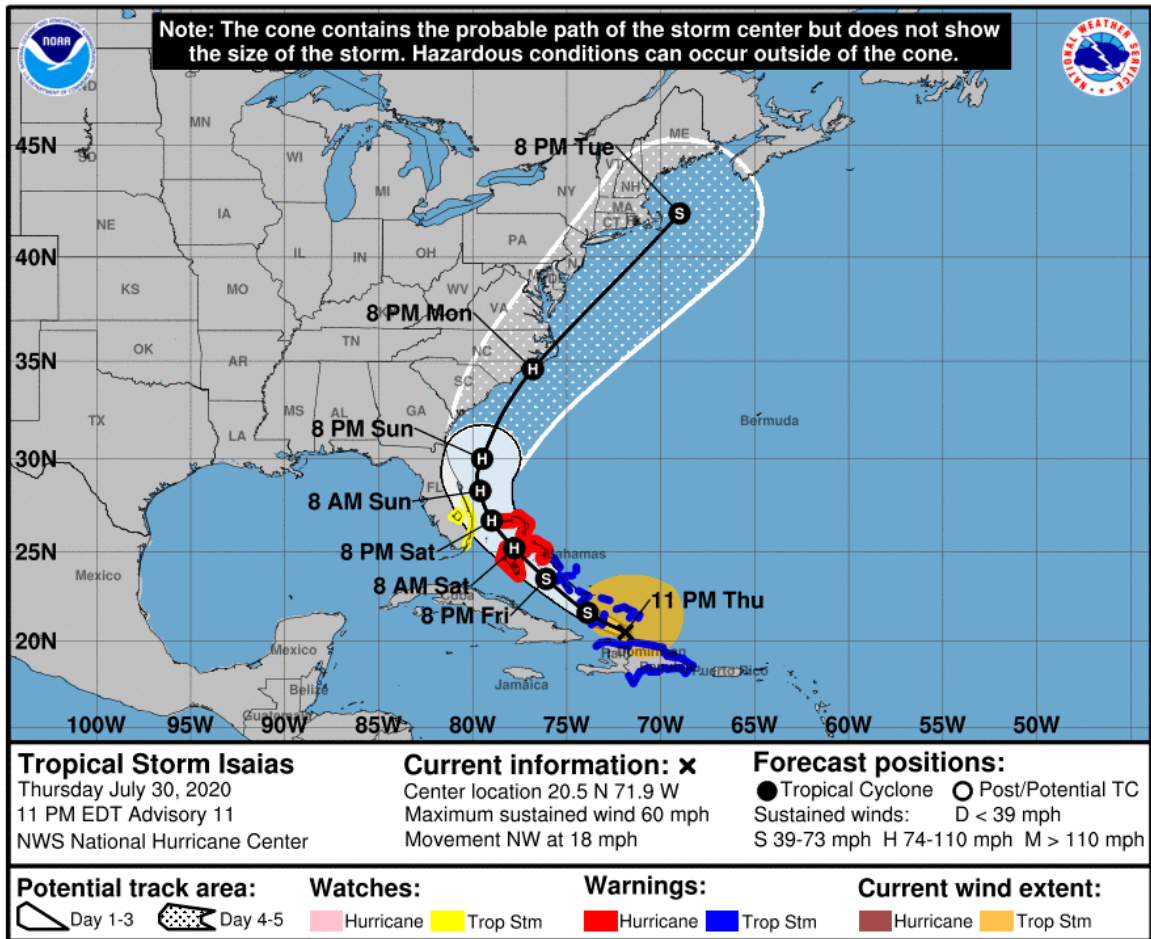
4 **Q. Please describe the storm forecast.**

5 A. The August 4, 2020 storm event was associated with the impacts of Tropical Storm Isaias  
6 and the heavy rains and strong winds the system produced across the region. On Sunday,  
7 July 26, 2020 the Company began receiving early indications from several weather service  
8 providers of a possible tropical system, designated Invest-92L, developing in the Atlantic  
9 basin over the next 8 to 10 days. The National Hurricane Center issued its first Public  
10 Advisory associated with the developing system at 1100 on Tuesday, July 28, 2020,  
11 indicating a high probability of the formation of a Tropical Storm with potential impacts  
12 along the United States Atlantic coast.



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By Wednesday, July 29, 2020, the system had developed into Tropical Storm Isaias and by Thursday, July 30, 2020, the track of system included the potential for tropical storm related impacts across the New England region on or around Tuesday, August 4, 2020. The National Hurricane Center projections also indicated the potential for hurricane related impacts to the southern coast of the United States between Sunday, August 1 and Monday, August 3, 2020.



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Tropical Storm Isaias reached hurricane strength by Friday, July 31, 2020, and continued a projected path along the eastern coast while fluctuating between a strong tropical storm and weak Category 1 hurricane. The National Weather Service – Gray, Maine (“NWS”) issued Hurricane Isaias Update #1 on Friday, July 31, 2020, indicating the potential of regional impacts due to the storm; however, there remained a large degree of uncertainty in both the track and strength of the storm. The National Hurricane Center track projections between Friday, July 31, and Monday, August 3, 2020, continued to indicate the potential for tropical storm related impacts to New England with Tropical Storm Watches issued for coastal New Hampshire early on August 3, 2020. Those Watches were upgraded to Tropical Storm Warnings by 5:00 PM on Monday, August 3, 2020.

Hurricane Isaias Update #1		Gray/Portland, ME WEATHER FORECAST OFFICE	
<b>OVERVIEW</b>			
<ul style="list-style-type: none"> <li>Hurricane Isaias is currently maintaining CAT 1 status and is forecasted to track up the east coast the beginning of next week.</li> <li>There is great uncertainty in both the potential track and strength of the storm this far out but there is a risk of impacts from both winds and heavy rain. The greatest risk for impacts at this time is the heavy rain threat for coastal and interior areas.</li> </ul>			
<p><b>Hurricane Isaias</b>                  Friday July 31, 2020                  2 PM EDT Intermediate Advisory 14A                  NWS National Hurricane Center</p> <p><b>Current information: x</b>                  Center location 22.2 N 75.2 W                  Maximum sustained wind 75 mph                  Movement NW at 16 mph</p> <p><b>Forecast positions:</b>                  Tropical Cyclone ● Post/Potential TC ○                  Sustained winds: D &lt; 39 mph                  S 39-73 mph H 74-110 mph M &gt; 110 mph</p> <p><b>Potential track area:</b> Day 1-3 Day 4-5  <b>Watches:</b> Hurricane Trop Stm  <b>Warnings:</b> Hurricane Trop Stm  <b>Current wind extent:</b> Hurricane Trop Stm</p>	<b>TIMING</b> <ul style="list-style-type: none"> <li>Potential impact window from Isaias will be early Tuesday through Wednesday due to the possibility of heavy rain well ahead of the storm.</li> </ul>		
	<b>HAZARDS &amp; IMPACTS</b> <ul style="list-style-type: none"> <li>The official forecast has the potential for a tropical or/post-tropical storm impacting the region Tuesday through Wednesday.</li> <li>The forward speed of the storm is expected to increase significantly by Monday next week.</li> <li>It is too early to pinpoint hazard threats this far out with a low confidence storm, but damaging winds and heavy rains are potential risks.</li> <li>The potential exists for localized heavy rain to develop well ahead of the center of the circulation with potential impacts beginning as early as Tuesday morning.</li> </ul>		
	<b>SAFETY TIPS</b> <ul style="list-style-type: none"> <li>Now is the time to review your EAP</li> <li>Hurricane Preparedness Resources <a href="https://www.weather.gov/wrn/hurricane-preparedness">https://www.weather.gov/wrn/hurricane-preparedness</a></li> </ul>		
	<b>NEXT BRIEFING</b> <ul style="list-style-type: none"> <li>Will be issued by 5 a.m. Saturday morning</li> <li>Stay up to date on the latest information by visiting <a href="https://www.nhc.noaa.gov/">https://www.nhc.noaa.gov/</a> and/or <a href="https://www.weather.gov/gyx/tropical">https://www.weather.gov/gyx/tropical</a></li> </ul>		
ISSUED: 7/31/2020 3:31 PM		www.weather.gov/gyx	

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Tropical Storm Isaias		Current information: x		Forecast positions:	
Monday August 03, 2020 5 PM EDT Advisory 27 NWS National Hurricane Center		Center location 32.0 N 79.4 W Maximum sustained wind 70 mph Movement NNE at 16 mph		Tropical Cyclone ● Post/Potential TC ○ Sustained winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110 mph	
<b>Potential track area:</b> Day 1-3 Day 4-5 <b>Watches:</b> Hurricane Trop Stm <b>Warnings:</b> Hurricane Trop Stm <b>Current wind extent:</b> Hurricane Trop Stm		<p><b>Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.</b></p>			

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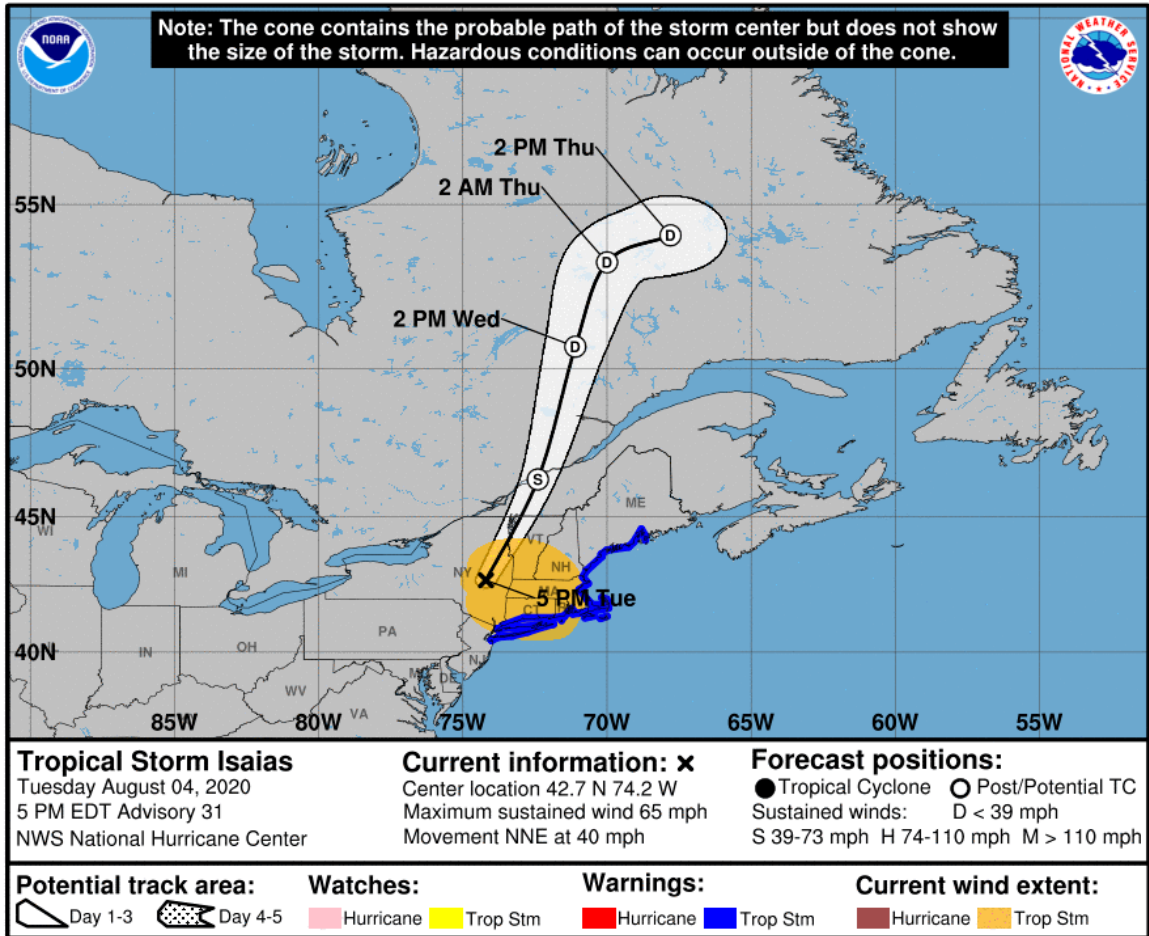
1 DTN forecasts on Sunday, August 2, 2020, included the potential for EEI Level 2 winds in  
2 the Eastern region of New Hampshire on Tuesday, August 4, 2020. The 0600 DTN forecast  
3 on Monday, August 3, 2020, expanded the chances for EEI Level 2 winds to include the  
4 Central, Southern and Western regions for both Tuesday, August 4, and Wednesday,  
5 August 5, 2020. The risk increased again with the 1300 DTN update to include all five  
6 New Hampshire operating regions over the two-day period.

**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: August 3, 2020 1:00 PM EDT Forecaster: tony.dello

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	2	2
	EASTERN	1	2	2
	NORTHERN	1	2	2
	SOUTHERN	1	2	2
	WESTERN	1	2	2
Confidence Level	CENTRAL	High	Medium	Medium
	EASTERN	High	Medium	Medium
	NORTHERN	High	Medium	Medium
	SOUTHERN	High	Medium	Medium
	WESTERN	High	Medium	Medium

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8 Hurricane Isaias made landfall near the North Carolina / South Carolina border late on  
9 Monday, August 3, 2020. The National Hurricane Center projected a downgrade of the  
10 system to a post-tropical storm as it moved over land with a track that was tending more  
11 westerly through Pennsylvania, New York, and Vermont. New Hampshire was anticipated  
12 to remain on the easterly side of the track with the potential for tropical storm force winds  
13 and heavy rains through the evening of Tuesday, August 4, 2020, into the early hours of  
14 Wednesday, August 5, 2020, before the remnants of the system moved northeast into  
15 Canada.





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- Q. What preparations did the Company make in anticipation of a major restoration event?**
- A.** The Company began building situational awareness on Monday, July 27, 2020, through a multi-state call to discuss the developing tropical system and the pandemic re-entry process for an ERP event. Tropical system updates were posted to the New Hampshire Incident Management Team (IMT) “Teams” site beginning on Tuesday, July 28, 2020, followed by the issuance of the first Weather Advisory on Thursday, July 30, 2020. New Hampshire IMT calls were initiated at 1330 on July 31, 2020 with the first Preparedness Briefing published later that afternoon. Updated Weather Advisories were published daily through Sunday, August 2, 2020, and a rotation of three IMT calls per day continued through

1 Friday, August 7, 2020. The Incident Command Center (“ICC”) fully activated, under  
2 pandemic protocols, at 0500 on Wednesday, August 5, 2020, and remained in that status  
3 through 0800 on Friday, August 7, 2020.

4 The Company activated all internal restoration and support personnel as of 0500  
5 Wednesday, August 5, 2020. Additionally, 64 external restoration crews, comprised of 52  
6 buckets crews and 12 digger crews, were secured to be on property by August 5, 2020. 19  
7 external service crews and 100 external tree crews were also secured to be on property  
8 before the storm impacted New Hampshire.

9 **Q. Did the Company experience outages during this event?**

10 A. The Eversource system experienced the following impact as detailed in the table below:

Total # Events (IEEE)	Peak # Events	Total Customers Interrupted	Peak Customers Interrupted	Percentage Affected (Peak)	Total Restoration
1,224	1,034	149,865	85,329	16%	28%

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12 **Q. Does this event qualify for cost recovery?**

13 A. Yes, using the Major Storm criteria established in Order No. 25,465 this event qualifies for  
14 cost recovery through the MSCR because the total number of outage events exceeded the  
15 300 reported troubles threshold.

16 **December 5, 2020 Major Storm Event**

17 **Q. Please describe the storm forecast.**

18 A. The weather event of December 5, 2020 was associated with a strong Nor’easter  
19 snowstorm forecasted to bring heavy, wet snow to portions of New Hampshire. On

1 Thursday, December 3, 2020, DTN forecasts for December 5, 2020 included EEI Level 2  
2 snowfall for New Hampshire’s Central region and EEI Level 3 snowfall for Northern and  
3 Western regions. By Saturday, December 5, 2020, the DTN forecast had increased to  
4 include EEI Level 3 snowfall for all regions less Western, which was forecasted at EEI  
5 Level 2. On Friday, December 4, 2020, the National Weather Service in Gray, Maine  
6 issued a Winter Storm Warning for all New Hampshire for the potential of total snow  
7 accumulations of 6 to 14 inches and wind gusts as high as 35 mph through Saturday,  
8 December 5, 2020.

**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: December 3, 2020 1:00 PM EST Forecaster: tony.dello

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Snow	CENTRAL	1	1	2
	EASTERN	1	1	1
	NORTHERN	1	1	3
	SOUTHERN	1	1	1
	WESTERN	1	1	3
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	High	Medium
	EASTERN	High	High	Medium
	NORTHERN	High	High	Medium
	SOUTHERN	High	High	Medium
	WESTERN	High	High	Medium

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**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: December 5, 2020 8:00 AM EST Forecaster: cody.fishman

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Snow	CENTRAL	3	1	1
	EASTERN	3	1	1
	NORTHERN	3	1	1
	SOUTHERN	3	1	1
	WESTERN	2	1	1
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	High	High
	EASTERN	High	High	High
	NORTHERN	High	High	High
	SOUTHERN	High	High	High
	WESTERN	High	High	High

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## Daily Decision Support Briefing

Gray/Portland, ME  
WEATHER FORECAST OFFICE

Winter Storm Severity Index	What To Expect
<div style="font-size: small; margin-top: 10px;"> <p><b>Potential Winter Storm Impacts</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #e0e0e0; border: 1px solid #ccc; margin-right: 5px;"></span> <b>No Impacts</b> Impacts not expected.</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #d0d0d0; border: 1px solid #ccc; margin-right: 5px;"></span> <b>Limited Impacts</b> Rarely a direct threat to life and property. Typically results in little inconvenience.</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #c0c0c0; border: 1px solid #ccc; margin-right: 5px;"></span> <b>Minor Impacts</b> Rarely a direct threat to life and property. Typically results in an inconvenience to daily life.</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #a0a0a0; border: 1px solid #ccc; margin-right: 5px;"></span> <b>Moderate Impacts</b> Often threatening to life and property, some damage unavoidable. Typically results in disruptions to daily life.</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #808080; border: 1px solid #ccc; margin-right: 5px;"></span> <b>Major Impacts</b> Extreme property damage likely, life saving actions needed. Will likely result in major disruptions to daily life.</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #606060; border: 1px solid #ccc; margin-right: 5px;"></span> <b>Extreme Impacts</b> Extreme and widespread severe property damage, life saving actions will be needed. Results in extreme disruptions to daily life.</li> </ul> </div>	<p style="margin: 0;"><b>Significant Winter Storm Saturday into Sunday</b></p> <ul style="list-style-type: none"> <li>✓ Begins as rain for most, but changes to a heavy, wet snow Saturday afternoon</li> <li>✓ Heavy, wet snow may stick to trees, causing snapped limbs and a few power outages</li> <li>✓ Snowfall rates of 1 to 2 inches per hour Saturday evening</li> <li>✓ Snow ends Sunday morning with gusty northwest winds in its wake</li> </ul> <p style="margin: 10px 0 0 0;"><b>Seasonably cool weather for next week</b></p> <ul style="list-style-type: none"> <li>✓ No significant storms in the forecast</li> </ul>
<p style="margin: 0;"><b>See Related Pages</b></p>	<p style="margin: 0;">Winter, Wind</p>
<p style="margin: 0;">ISSUED: 12/4/2020 5:19 AM</p>	<p style="margin: 0;"><a href="http://www.weather.gov/gyx" style="color: white;">www.weather.gov/gyx</a></p>

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1 **Q. What preparations did the Company make in anticipation of a Major Storm event?**

2 A. The Company began building situational awareness with the issuance of its first Weather  
3 Advisory on Thursday, December 3, 2020. The New Hampshire IMT calls were initiated  
4 on Friday, December 4, 2020, at 0730, with the first New Hampshire Preparedness Briefing  
5 distributions that morning at 0830. The Company modified crew staffing plans to have  
6 resources on property throughout the weekend and secured an additional 85 contractor line  
7 crews and 100 tree crews. The Company's Incident Command Center was activated at  
8 1330 on Saturday, December 5, 2020.

9 **Q. Did the Company experience outages during this event?**

10 A. The Eversource system experienced the following impact as detailed in the table below:

Total # Events (IEEE)	Peak # Events	Total Customers Interrupted	Peak Customers Interrupted	Percentage Affected (Peak)	Total Restoration
2,044	1,175	131,881	53,143	10%	25%

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12 **Q. Does this event qualify for cost recovery?**

13 A. Yes, using the Major Storm criteria established in Order No. 25,465 this event qualifies for  
14 cost recovery through the MSCR because the total number of outage events exceeded the  
15 300 reported troubles threshold.

16 **December 16, 2020 Pre-Staging Event**

17 **Q. Please describe the storm forecast.**

18 A. The weather event of December 16, 2020 was associated with a very strong costal storm  
19 anticipated to bring significant snowfall to the region. Beginning on Sunday, December 13,  
20 2020, the Company began receiving indications of the potential winter storm event lasting

1 from late Wednesday, December 16, through early Friday, December 18, 2020. DTN  
2 forecasts on Tuesday, December 15, 2020, indicated the potential for EEI Level 3 snowfall  
3 across New Hampshire’s Eastern and Southern operating region and EEI Level 2 for  
4 Central and Western regions. The potential for hazard level snowfall was forecasted for  
5 both Wednesday, December 16, and Thursday, December 17, 2020. By Tuesday night  
6 DTN had increased the threat of hazard level snow to EEI Level 4 for Central, Eastern and  
7 Southern regions and EEI Level 3 for Western Region, all with high confidence. The NWS  
8 forecasts on December 16, 2020 included the potential of up to 12 inches of snow across  
9 the southern portion of the state. A Winter storm Warning was issued for portions of central  
10 and southern New Hampshire, effective 2000 Wednesday, December 16, 2020, until 1600  
11 Thursday, December 17, 2020.

**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: December 15, 2020 1:00 PM EST Forecaster: jim.murphy

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Snow	CENTRAL	1	2	2
	EASTERN	1	3	3
	NORTHERN	1	1	1
	SOUTHERN	1	3	3
	WESTERN	1	2	2
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	High	High
	EASTERN	High	High	High
	NORTHERN	Medium	High	High
	SOUTHERN	High	High	High
	WESTERN	High	High	High

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**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: December 16, 2020 6:00 AM EST Forecaster: cassie.happel

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Snow	CENTRAL	4	4	1
	EASTERN	4	4	1
	NORTHERN	1	1	1
	SOUTHERN	4	4	1
	WESTERN	3	3	1
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	High	High
	EASTERN	High	High	High
	NORTHERN	High	High	High
	SOUTHERN	High	High	High
	WESTERN	High	High	High

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## Daily Decision Support Briefing

Gray/Portland, ME  
WEATHER FORECAST OFFICE

Storm Total Snowfall	What To Expect
	<p>High astronomical tides continue through late this week</p> <ul style="list-style-type: none"> <li>✓ Water levels will approach flood stage</li> </ul> <p>Coldest air mass to date has arrived</p> <ul style="list-style-type: none"> <li>✓ Highs stay below freezing through the end of the week</li> <li>✓ Coldest night will be tonight</li> <li>✓ Wind chill advisory in effect tonight for northernmost ME zones</li> </ul> <p>Coastal storm passes south of New England Thursday</p> <ul style="list-style-type: none"> <li>✓ Significant snow accumulation expected for southern NH and southwest ME</li> <li>✓ Expect a tight south-to-north gradient in snowfall amounts</li> <li>✓ Greatest impact on Thursday AM commute</li> </ul>
<p><b>See Related Pages</b></p>	<p>Coastal Flood, Winter</p>

ISSUED: 12/16/2020 5:08 AM www.weather.gov/gyx

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1 **Q. What preparations did the Company make in anticipation of a Major Storm**  
2 **restoration event?**

3 A. The Company began building situational awareness through a series of weather update and  
4 planning calls, which were conducted with New Hampshire leadership on Monday,  
5 December 14, 2020, and full New Hampshire IMT calls beginning on Tuesday, December  
6 15, 2020. The Company issued its first Weather Advisory and first New Hampshire  
7 Preparedness Briefing on Tuesday, December 15, 2020. Crew staffing plans were modified  
8 to ensure resource availability on property overnight December 16, 2020 and an additional  
9 72 contracted resources were secured to be on system for 0600 on December 17, 2020.  
10 The Company's ICC was activated, under pandemic protocols, at 0700 on Thursday,  
11 December 17, 2020.

12 **Q. Did the Company experience outages during this event?**

13 A. The Eversource system experienced the following impact as detailed in the table below:

Total # Events (IEEE)	Peak # Events	Total Customers Interrupted	Peak Customers Interrupted	Percentage Affected (Peak)	Total Restoration
14	5	1,965	957	0.2%	0.4%

15 **Q. Does this event qualify for cost recovery?**

16 A. Yes, pursuant to the pre-staging cost recovery criteria established in Docket No. DE 12-  
17 320this event met the “Level 3” and “high” probability requirements as shown in the DTN  
18 forecasts provided above.



1 **February 1, 2021 Pre-Staging Event**

2 **Q. Please describe the storm forecast.**

3 A. The weather event of February 1, 2021 was associated with a strong coastal storm system  
4 anticipated to bring significant snowfall and hazard level winds to the region. Beginning  
5 on Friday, January 29, 2021, several meteorological outlets began forecasting the potential  
6 for a significant coastal storm impacting the New England region between Monday,  
7 February 1, and Tuesday, February 2, 2021. On Sunday, January 31, 2021, DTN forecasts  
8 indicated the potential for EEI Level 3 snowfall across Central, Eastern, and Southern  
9 regions with EEI Level 2 snow for Northern and Western over the two-day period. By  
10 Monday, February 1, 2021, DTN forecasts had increased the risk to include EEI level 3  
11 snow for all regions less Northern, which remained at EEI level 2. Additionally, EEI Level  
12 2 winds were forecasted for Eastern region. The NWS forecasts on February 1, 2021  
13 included the potential of up to 8 to 12 inches of snow and winds up to 40 mph. NWS issued  
14 a Winter Storm Warning for central and southern portions of the state from 1600 on  
15 February 1st through 1900 on February 2, 2021.

**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: January 31, 2021 7:00 PM EST Forecaster: cassie.happel

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	2	2
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Snow	CENTRAL	1	3	3
	EASTERN	1	3	3
	NORTHERN	1	2	2
	SOUTHERN	1	3	3
	WESTERN	1	2	2
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	Medium	Medium
	EASTERN	High	Medium	Medium
	NORTHERN	High	Medium	Medium
	SOUTHERN	High	Medium	Medium
	WESTERN	High	Medium	Medium

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**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: February 1, 2021 12:00 PM EST Forecaster: tony.dello

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	2	2	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Snow	CENTRAL	3	3	1
	EASTERN	3	3	1
	NORTHERN	2	2	1
	SOUTHERN	3	3	1
	WESTERN	3	3	1
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	High	High
	EASTERN	High	High	High
	NORTHERN	High	High	High
	SOUTHERN	High	High	High
	WESTERN	High	High	High

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Daily Decision Support Briefing		Gray/Portland, ME WEATHER FORECAST OFFICE
Storm Total Snowfall	What To Expect	
	<p>Snow begins late today and through this evening and continues through Tuesday</p> <ul style="list-style-type: none"> <li>✓ Mostly snow with some mixed precipitation</li> <li>✓ Some sleet likely, mainly along the Midcoast Tuesday</li> <li>✓ Patchy freezing drizzle southern and central areas mainly Tuesday night</li> <li>✓ Gusty northeast winds up to 40 mph near the coast may result in some blowing and drifting snow</li> <li>✓ Potential for coastal splash-over and minor coastal flooding for Tuesday and Tuesday night</li> </ul> <p>Gradual warm up expected through the remainder of the week</p> <ul style="list-style-type: none"> <li>✓ Next precipitation potential is Friday/Saturday</li> </ul>	
	<p><b>See Related Pages</b></p>	<p>Winter, Coastal Flood, Wind</p>
<p>ISSUED: 2/1/2021 3:35 AM</p>		<p>www.weather.gov/gyx</p>

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**Q. What preparations did the Company make in anticipation of a major restoration event?**

A. The Company began building situational awareness with the issuance of its first Weather Advisory on Friday, January 29, 2021. Weather update and planning calls were conducted with New Hampshire leadership beginning Friday, January 29, 2021, with full New Hampshire IMT calls beginning on Monday, February 1, 2021 . The first New Hampshire Preparedness Briefing was also published on February 1, 2021. The Company modified crew staffing plans to have additional resources on property overnight February 1, 2021 and secured an additional 80 contractor crews to be on property at 0500 February 2, 2021. The Company's ICC was activated at 0500 on February 2, 2021.

1 **Q. Did the Company experience outages during this event?**

2 A. The Eversource system experienced the following impact as detailed in the table below:

<b>Total # Events (IEEE)</b>	<b>Peak # Events</b>	<b>Total Customers Interrupted</b>	<b>Peak Customers Interrupted</b>	<b>Percentage Affected (Peak)</b>	<b>Total Restoration</b>
11	7	899	884	0.2%	0.2%

3

4 **Q. Does this event qualify for cost recovery?**

5 A. Yes, pursuant to the pre-staging cost recovery criteria established in Docket No. DE 12-  
6 320, this event met the “Level 3” and “high” probability as shown in the DTN forecast  
7 provided above.

8 **February 15, 2021 Pre-Staging Event**

9 **Q. Please describe the storm forecast.**

10 A. The weather event of February 15, 2021 was associated with a strong winter storm system  
11 anticipated to bring significant snowfall and hazard amounts of ice accumulation to the  
12 region. Beginning on Friday, February 12, 2021, several meteorological outlets began  
13 forecasting the potential for a significant coastal storm impacting the New England region  
14 Monday, February 15 into Tuesday, February 16, 2021. The DTN forecast on Saturday,  
15 February 13, 2021 indicated the potential for EEI Level 3 snowfall across the Northern and  
16 Western New Hampshire operating regions as well as the potential for EEI Level 2 ice  
17 across the Central, Southern and Eastern regions. The forecast over the next several days  
18 continued to trend toward a significant weather event and by February 15, 2021 the DTN  
19 forecast included EEI Level 3 snow for the Northern Region, EEI Level 2 ice  
20 accumulations for Central, Southern, Eastern and Western regions for the period of

1 February 15 into February 16, 2021. NWS issued a Winter Storm Warning for western  
2 and northern portions of the state effective 2300 Monday, February 15 through 2300  
3 Tuesday, February 16, 2021 for the potential of 5 to 8 inches of snow and one-half inch of  
4 ice. Additionally, a Winter Weather Advisory was issued for central, southern and eastern  
5 portions of the state effective 2300 February 15 through 1900 February 16, 2021 for the  
6 potential of snow accumulations of 2 to 4 inches and ice accumulation of up to one quarter  
7 inch.

**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: February 13, 2021 1:00 PM EST Forecaster: jim.murphy

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Snow	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	3
	SOUTHERN	1	1	1
	WESTERN	1	1	3
Ice	CENTRAL	1	1	2
	EASTERN	1	1	2
	NORTHERN	1	1	1
	SOUTHERN	1	1	2
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	High	High
	EASTERN	High	High	High
	NORTHERN	High	High	High
	SOUTHERN	High	High	High
	WESTERN	High	High	High

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**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: February 15, 2021 6:00 AM EST Forecaster: ryan.niemann

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Snow	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	3	3	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Ice	CENTRAL	2	2	1
	EASTERN	2	1	1
	NORTHERN	1	1	1
	SOUTHERN	2	2	1
	WESTERN	2	2	1
Confidence Level	CENTRAL	High	High	High
	EASTERN	High	High	High
	NORTHERN	High	High	High
	SOUTHERN	High	High	High
	WESTERN	High	High	High

1

## Daily Decision Support Briefing

Gray/Portland, ME  
WEATHER FORECAST OFFICE

Storm Total Snowfall	What To Expect
	<ul style="list-style-type: none"> <li>High astronomical tides continue through late this week <ul style="list-style-type: none"> <li>✓ Water levels will approach flood stage</li> </ul> </li> <li>Coldest air mass to date has arrived <ul style="list-style-type: none"> <li>✓ Highs stay below freezing through the end of the week</li> <li>✓ Coldest night will be tonight</li> <li>✓ Wind chill advisory in effect tonight for northernmost ME zones</li> </ul> </li> <li>Coastal storm passes south of New England Thursday <ul style="list-style-type: none"> <li>✓ Significant snow accumulation expected for southern NH and southwest ME</li> <li>✓ Expect a tight south-to-north gradient in snowfall amounts</li> <li>✓ Greatest impact on Thursday AM commute</li> </ul> </li> </ul>
<a href="#">See Related Pages</a>	<a href="#">Coastal Flood, Winter</a>
<small>ISSUED: 12/16/2020 5:08 AM</small>	<small><a href="http://www.weather.gov/gyx">www.weather.gov/gyx</a></small>

2

1 **Q. What preparations did the Company make in anticipation of a major restoration**  
2 **event?**

3 A. The Company began building situational awareness on Thursday, February 11, 2021  
4 through a weather update and planning call with New Hampshire leadership. The  
5 Company initiated full Incident Management Team calls beginning on Friday, February  
6 12, 2021. The first Weather Advisory was published on Saturday, February 13, 2021 and  
7 first New Hampshire Preparedness Briefing on February 14, 2021. The Company  
8 confirmed crew staffing plans to ensure adequate staffing for the duration of the event and  
9 secured an additional 151 contractor crews to be on property by 0500 on February 16, 2021.  
10 The Company's ICC was activated, in accordance with pandemic protocols, at 0700 on  
11 Tuesday, February 16, 2021.

12 **Q. Did the Company experience outages during this event?**

13 A. The Eversource system experienced the following impact as detailed in the table below:

<b>Total # Events (IEEE)</b>	<b>Peak # Events</b>	<b>Total Customers Interrupted</b>	<b>Peak Customers Interrupted</b>	<b>Percentage Affected (Peak)</b>	<b>Total Restoration</b>
226	62	27,397	5,257	1%	5%

14

15 **Q. Does this event qualify for cost recovery?**

16 A. Yes, pursuant to the pre-staging cost recovery criteria established in Docket No. DE 12-  
17 320, this event met the “Level 3” and “high” probability as shown in the DTN forecast  
18 provided above.

1 **March 1, 2021 Major Storm Event**

2 **Q. Please describe the storm forecast.**

3 A. The weather event of March 1, 2021 was associated with an arctic front anticipated to bring  
4 hazard level winds to the region. Beginning on Friday, February 26, 2021, several  
5 meteorological outlets began forecasting the potential for an arctic frontal passage  
6 contributing to strong winds, which may impact the New England region Monday, March  
7 1 into Tuesday, March 2, 2021. DTN forecasts on Saturday, February 27, 2021 indicated  
8 the potential for EEI Level 2 winds across all New Hampshire operating regions on March  
9 1, 2021. NWS forecasts on February 27, 2021 included the potential of wind gusts in the  
10 30-35 mph range Tuesday (March 2) afternoon. The forecast over the next several days  
11 continued to indicate the potential for hazard level winds across the region; however,  
12 confidence remained moderate in terms of the timing and extent. By Monday, March 1,  
13 2021, DTN forecasts indicated the potential for EEI Level 2 winds across all New  
14 Hampshire regions for the March 1 overnight into March 2, 2021. The NWS issued a Wind  
15 Advisory effective 0200 through 1100 on Tuesday, March 2, 2021 for northern portions of  
16 the state and the 0100 through 1600 on March 2, 2021 for the remainder of the state. At  
17 approximately 0330 on March 2, 2021, the NWS upgraded to a High Wind Warning for  
18 Southern Carroll County through 1500 for the potential of winds 25 to 35 mph with gusts  
19 up to 65 mph.



**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: February 27, 2021 1:00 PM EST Forecaster: jim.murphy


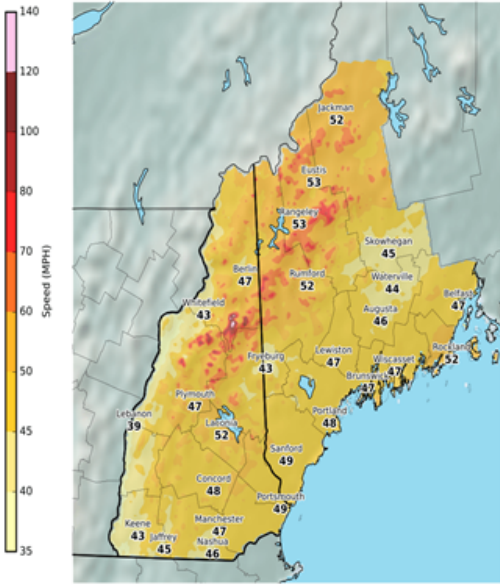
Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	2
	EASTERN	1	1	2
	NORTHERN	1	1	2
	SOUTHERN	1	1	2
	WESTERN	1	1	2
Snow	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	High	Medium
	EASTERN	High	High	Medium
	NORTHERN	High	High	Medium
	SOUTHERN	High	High	Medium
	WESTERN	High	High	Medium

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**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: March 1, 2021 6:00 AM EST Forecaster: ryan.niemann

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	2	2	1
	EASTERN	2	2	1
	NORTHERN	2	2	1
	SOUTHERN	2	2	1
	WESTERN	2	2	1
Snow	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	Medium	High	High
	EASTERN	Medium	High	High
	NORTHERN	Medium	High	High
	SOUTHERN	Medium	High	High
	WESTERN	Medium	High	High

2

Daily Decision Support Briefing		
Maximum Wind Gusts Late Tonight and Tuesday	What To Expect	
	<p>A few pockets of freezing rain possible in mountain valley locations early this morning</p> <p>An Arctic cold front will cross the area late today and tonight bringing much colder air to the region</p> <ul style="list-style-type: none"><li>✓ Snow squalls possible with the frontal passage this afternoon and early evening</li><li>✓ Well below zero wind chill values expected later tonight night into Tuesday, with dangerous cold in the mountains</li><li>✓ Wind gusts 45 to 50 MPH expected late tonight and Tuesday, with gusts in excess of 70 MPH likely on the highest peaks of the western ME mountains and Whites. Scattered power outages possible</li><li>✓ Storm force wind gusts and moderate to heavy freezing spray likely over parts of the coastal waters</li></ul>	
	<b>See Related Pages</b>	Winter, Wind, Marine
ISSUED: 3/1/2021 4:01 AM		<a href="http://www.weather.gov/gyx">www.weather.gov/gyx</a>

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**Q. What preparations did the Company make in anticipation of a Major Storm restoration event?**

A. The Company began building situational awareness on Friday, February 26, 2021 with a weather update and planning call with New Hampshire leadership. The Company issued its first Weather Advisory on Saturday, February 27, 2021 and initiated full Incident Management Team calls beginning on Monday, March 1, 2021. The first New Hampshire Preparedness Briefing was also issued on March 1, 2021. The Company confirmed crew staffing plans to ensure adequate staffing for the duration of the event and secured an additional 88 contractor crews to be on property for 0500 on March 2, 2021. The Company's ICC was activated, in accordance with pandemic protocols, at 0700 on Tuesday, March 2, 2021.

1 **Q. Did the Company experience outages during this event?**

2 A. The Eversource system experienced the following impact as detailed in the table below:

<b>Total # Events (IEEE)</b>	<b>Peak # Events</b>	<b>Total Customers Interrupted</b>	<b>Peak Customers Interrupted</b>	<b>Percentage Affected (Peak)</b>	<b>Total Restoration</b>
959	488	124,618	31,046	6%	23%

3 **Q. Does this event qualify for cost recovery?**

4 A. Yes, using the Major Storm criteria established in Order No. 25,465, this event qualifies  
5 for cost recovery through the MSCR because the total number of outage events exceeded  
6 the 300 reported troubles threshold.

7 **March 29, 2021 Major Storm Event**

8 **Q. Please describe the storm forecast.**

9 A. The weather event of March 29, 2021 was associated with the passage of a cold front and  
10 the potential for widespread hazard level winds. Beginning on March 27, 2021, DTN  
11 forecasts indicated the potential for hazard level winds for Southern and Eastern regions of  
12 the New Hampshire service territory. DTN Forecasts on March 28<sup>th</sup> increased the risk to  
13 EEI Level 2 winds to include the entire state through the period of March 28 and 29, 2021,  
14 however only with a moderate confidence. The NWS forecasts on March 28, 2021  
15 included the potential for a mix of rain and snow across the state and wind gusts overnight  
16 on March 28 and 29, 2021 of between 40 to 55 mph. The NWS issued a Wind Advisory  
17 for the majority of the state effective 0400 through 1800 on Monday, March 29, 2021, due  
18 to the potential for winds of between 15 to 25 mph and gusts up to 55 mph.

**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: March 27, 2021 12:00 PM EDT Forecaster: ryan.niemann


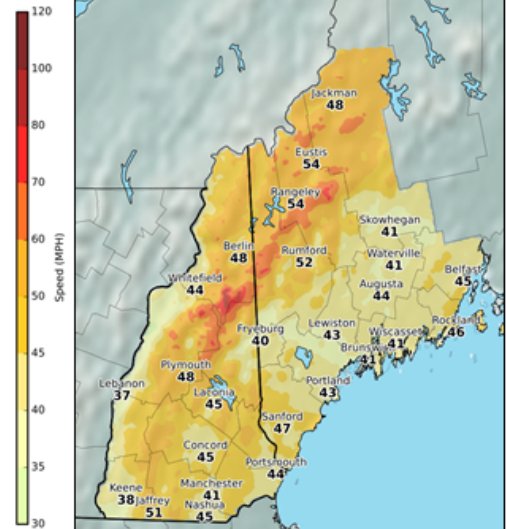
Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	2	2
	NORTHERN	1	1	1
	SOUTHERN	1	2	2
	WESTERN	1	1	1
Snow	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	Medium	Medium
	EASTERN	High	Medium	Medium
	NORTHERN	High	Medium	Medium
	SOUTHERN	High	Medium	Medium
	WESTERN	High	Medium	Medium

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**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: March 28, 2021 3:00 PM EDT Forecaster: ryan.niemann

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	2	2	1
	EASTERN	2	2	1
	NORTHERN	2	2	1
	SOUTHERN	2	2	1
	WESTERN	2	2	1
Snow	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Ice	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	Medium	Medium	High
	EASTERN	Medium	Medium	High
	NORTHERN	Medium	Medium	High
	SOUTHERN	Medium	Medium	High
	WESTERN	Medium	Medium	High

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Daily Decision Support Briefing		 Gray/Portland, ME WEATHER FORECAST OFFICE	
Peak Wind Gusts Tonight into Monday	What To Expect		
	<p>Low pressure will bring rain and mountain snows today into tonight followed by strong winds into Monday</p> <ul style="list-style-type: none"> <li>✓ Rainfall of 1 to 1.5" will cause area rivers to rise and possible sharp rises on smaller streams leading to potential minor low land flooding</li> <li>✓ Several inches of wet snow possible in the mountains and a wintry mix in northern valleys</li> <li>✓ High astronomical tides could lead to some minor coastal flooding around the times of high tide primarily near midnight tonight</li> <li>✓ Strong northwesterly winds are expected Sunday night into Monday afternoon with peak gusts 40 to 55 mph</li> </ul>		
	<p><b>See Related Pages</b></p>	<p>Flood, Wind, Winter, Coastal Flood</p>	
<p>ISSUED: 3/28/2021 3:54 AM</p>		<p><a href="http://www.weather.gov/gyx">www.weather.gov/gyx</a></p>	

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**Q. What preparations did the Company make in anticipation of a Major Storm restoration event?**

A. The Company began building situational awareness on Thursday, March 25, 2021 through a weather update and planning call with New Hampshire leadership and initiated full Incident Management Team calls beginning on Friday, March 26, 2021. The Company issued its first Weather Advisory on Saturday, March 27, 2021 and its first New Hampshire Preparedness Briefing was issued on March 29, 2021. The Company confirmed crew staffing plans to ensure adequate staffing for the duration of the event and secured an additional 66 contractor crews to be on property prior to the event on March 29, 2021. The Company's ICC was partially activated, in accordance with pandemic protocols, at 0700 on Monday, March 29, 2021.

1 **Q. Did the Company experience outages during this event?**

2 A. The Eversource system experienced the following impact as detailed in the table below:

<b>Total # Events (IEEE)</b>	<b>Peak # Events</b>	<b>Total Customers Interrupted</b>	<b>Peak Customers Interrupted</b>	<b>Percentage Affected (Peak)</b>	<b>Total Restoration</b>
535	354	92,586	22,141	4%	17%

3 **Q. Does this event qualify for cost recovery?**

4 A. Yes, using the Major Storm cost recovery criteria established in Order No. 25,465, this  
5 event qualifies for cost recovery through the MSCR because the total number of outage  
6 events exceeded the 300 reported troubles threshold.

7 **June 30, 2021 Major Storm Event**

8 **Q. Please describe the storm forecast.**

9 A. The weather event of June 30, 2021 was associated with the passage of a cold front and the  
10 risk of strong to severe thunderstorms following a prolonged heat wave across the region.  
11 Beginning on Monday, June 28, 2021, DTN began indicating the risk of thunderstorms and  
12 hazard level winds associated with a developing cold front that would pass through the area  
13 on Wednesday, June 30, 2021. On Tuesday, June 29, 2021, DTN issued an EEI Level 2  
14 risk for winds in the Southern and Eastern regions, which were expanded to include all five  
15 New Hampshire regions with the 1300 hour forecast update on Wednesday, June 30, 2021.  
16 The Storm Prediction Center's ("SPC") Convective Outlook for June 30, 2021 indicated a  
17 portion of southern New Hampshire was at an Enhanced risk for severe weather, with the  
18 remainder of the state under a Slight risk. The NWS forecast on June 30, 2021 identified  
19 the threat of damaging winds, hail and a possible tornado associated with the developing  
20 front. At approximately 1500 hours, the NWS began issuing a series of Severe

1 Thunderstorm Warnings as hazardous conditions developed across the state, including  
2 damaging wind gusts up to 60 mph and ping pong sized hail. A total of seven Severe  
3 Thunderstorm Warnings or updates were issued between 1502 hours and 1658 hours on  
4 June 30, 2021.

**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: June 29, 2021 1:00 PM EDT Forecaster: jim.murphy

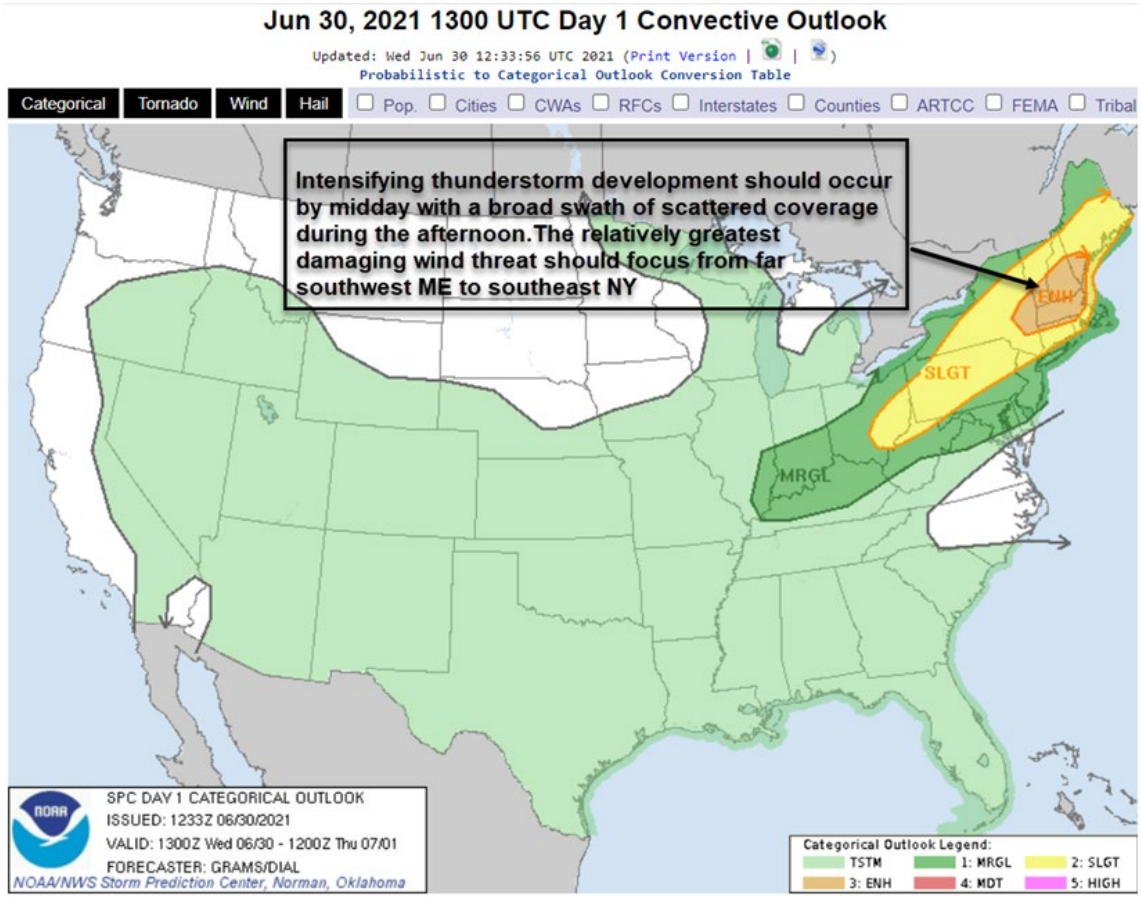
Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	1	1	1
	EASTERN	1	2	1
	NORTHERN	1	1	1
	SOUTHERN	1	2	1
	WESTERN	1	1	1
Confidence Level	CENTRAL	High	Medium	High
	EASTERN	High	Medium	High
	NORTHERN	High	Medium	High
	SOUTHERN	High	Medium	High
	WESTERN	High	Medium	High

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**Energy Event Index for EVERSOURCE ENERGY** Your forecast administrator: [psstorm@eversource.com](mailto:psstorm@eversource.com)  
Valid Time: June 30, 2021 1:00 PM EDT Forecaster: gregory.louis

Parameter	Region	Day 1	Day 2	Day 3
Wind Speed	CENTRAL	1	1	1
	EASTERN	1	1	1
	NORTHERN	1	1	1
	SOUTHERN	1	1	1
	WESTERN	1	1	1
Wind/Gust	CENTRAL	3	1	1
	EASTERN	3	1	1
	NORTHERN	3	1	1
	SOUTHERN	3	1	1
	WESTERN	3	1	1
Confidence Level	CENTRAL	High	High	High
	EASTERN	High	High	High
	NORTHERN	High	High	High
	SOUTHERN	High	High	High
	WESTERN	High	High	High

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Daily Decision Support Briefing		Gray/Portland, ME WEATHER FORECAST OFFICE							
Today's Severe Weather Outlook		What To Expect							
<p><b>Severe Weather Outlook Wednesday, June 30, 2021</b></p> <p>Legend:  High (Red)  Moderate (Orange)  Enhanced (Yellow)  Slight (Light Green)  Marginal (Dark Green)  Thunder (Blue)</p>		<p>Heat and humidity continue today.</p> <ul style="list-style-type: none"> <li>✓ High temperatures into the 90s</li> <li>✓ Heat indices between 95-100 degrees where the Heat Advisory has been issued</li> </ul> <p>Strong to severe thunderstorms likely this afternoon and evening.</p> <ul style="list-style-type: none"> <li>✓ Damaging winds will be the primary hazard, but hail and a tornado cannot be ruled out.</li> <li>✓ Storms will produce locally heavy rainfall.</li> </ul> <p>Turning significantly cooler and more unsettled Thursday through Saturday.</p>							
<table border="1"> <tr> <td> <b>1 - MARGINAL (MRGL)</b>  Isolated severe thunderstorms possible  Limited in duration and/or coverage and/or intensity </td> <td> <b>2 - SLIGHT (SLGT)</b>  Scattered severe storms possible  Short-lived and/or not widespread, isolated intense storms possible </td> <td> <b>3 - ENHANCED (ENH)</b>  Numerous severe storms possible  More persistent and/or widespread, a few intense </td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		<b>1 - MARGINAL (MRGL)</b> Isolated severe thunderstorms possible Limited in duration and/or coverage and/or intensity	<b>2 - SLIGHT (SLGT)</b> Scattered severe storms possible Short-lived and/or not widespread, isolated intense storms possible	<b>3 - ENHANCED (ENH)</b> Numerous severe storms possible More persistent and/or widespread, a few intense				<b>See Related Pages</b>	Severe, Heat, Drought
<b>1 - MARGINAL (MRGL)</b> Isolated severe thunderstorms possible Limited in duration and/or coverage and/or intensity	<b>2 - SLIGHT (SLGT)</b> Scattered severe storms possible Short-lived and/or not widespread, isolated intense storms possible	<b>3 - ENHANCED (ENH)</b> Numerous severe storms possible More persistent and/or widespread, a few intense							
ISSUED: 6/30/2021 8:56 AM		www.weather.gov/gyx							

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2 **Q. What preparations did the Company make in anticipation of a major restoration**  
3 **event?**

4 A. The Company began building situational awareness with the issuance of its first Weather  
5 Advisory on Tuesday, June 29, 2021. The Company initiated weather update and planning  
6 calls with New Hampshire leadership beginning at 1200 on June 30, 2021 and continued  
7 them through the duration of the event. The Company held back all internal crews at the  
8 end of their shift on Wednesday, June 30, 2021, in anticipation of late afternoon and early  
9 evening storms. The Company also secured 56 contracted crews to be on property through  
10 the duration of the event.

11 **Q. Did the Company experience outages during this event?**

12 A. The Eversource system experienced the following impact as detailed in the table below:

<b>Total # Events (IEEE)</b>	<b>Peak # Events</b>	<b>Total Customers Interrupted</b>	<b>Peak Customers Interrupted</b>	<b>Percentage Affected (Peak)</b>	<b>Total Restoration</b>
320	185	44,212	17,702	3%	8%

1 **Q. Does this event qualify for cost recovery?**

2 A. Yes, using the Major Storm cost recovery criteria established in Order No. 25,465, this  
3 event qualifies for cost recovery through the MSCR because the total number of outage  
4 events exceeded the 300 reported troubles threshold.

5 **IV. CONCLUDING REMARKS**

6 **Q. Were the costs presented in this filing for recovery reasonably and prudently incurred**  
7 **for pre-staging and to restore power to customers following the Major Storm events?**

8 A. Yes. All costs that the Company has presented in this filing were incurred as part of the  
9 Company's efforts to prepare for and respond to the storm conditions caused by the Major  
10 Storms or for pre-staging efforts. As previously mentioned, each of these events met or  
11 exceeded the threshold required to be recoverable via Eversource's MSCR. Significant  
12 resources were needed to prepare for the Storm Events and to restore power in a reasonable  
13 timeframe. The actions taken by Eversource to prepare for and respond to the weather  
14 events were appropriate and effective, and resulted in the restoration of power in a  
15 reasonably prompt manner. Therefore, the costs that were incurred to achieve these results  
16 are eligible for recovery through the Company's MSCR.

17 **Q. Does this complete your testimony?**

18 A. Yes, it does.