STATE OF CONNECTICUT
PUBLIC UTILITIES REGULATORY AUTHORITY

Docket No. 26-05-10

APPLICATION OF THE CONNECTICUT LIGHT AND POWER COMPANY
D/B/A EVERSOURCE ENERGY
TO AMEND ITS RATESCHEDULES

EXHIBIT CLP-STORMS-IMT-1
APPENDIX OF 2024 AND 2025 STORM EVENTS

On behalf of

The Connecticut Light and Power Company
d/b/a Eversource Energy

July 14, 2026

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I. Introduction

The Connecticut Light and Power Company d/b/a Eversource ("CL&P" or "Eversource" or the "Company") is requesting the Connecticut Public Utilities Regulatory Authority ("PURA") review the incremental costs incurred by the Company to restore power following fourteen catastrophic weather events that occurred in the period January 2024 through March 2025 (the "Storm Events").

As discussed in the summaries of the Storm Events that follow, the Company receives and reviews weather forecasts multiple times each day from contracted private weather services. Alerts from the National Weather Service ("NWS") are received and reviewed when a predicted weather event meets NWS triggering guidelines. Additionally, when a predicted weather event meets thresholds for potentially causing power outages (e.g., high winds), the University of Connecticut issues an Outage Prediction Model probability report, and private weather service DTN Weather issues a Storm Impact Analytics probability report, both designed to estimate the total number of trouble spots and related outage location regions. The Company uses this information to maintain situational awareness and to support emergency planning.

Additional summary information regarding the Storm Events is provided in Exhibits CLP-STORM-IMT-2 and CLP-STORM-IMT-3.

II. Wind/Rain Event, January 9, 2024 (MS24A011) – ERP LEVEL 4

Leading up to the event, the Company monitored forecasts for a powerful, winter storm with moderate to heavy rainfall of 2-3 inches with some snow in the northwest hills, and strong damaging winds expected to impact Connecticut beginning on or around Tuesday, January 9, 2024, and continuing into Wednesday, January 10, 2024. Sustained winds were predicted to range from 16-35 mph, with peak wind gusts ranging from 45-50 mph, and higher gusts of up to 57 mph predicted to occur in the southeast coastal areas.

Based on weather forecasts, combined with saturated ground from expected heavy rain and snowmelt from a previous snowstorm, the Company determined that the event had the potential to bring down trees and limbs onto the electric system. Accordingly, Eversource planned to declare an ERP level 4 on Tuesday, January 9th.

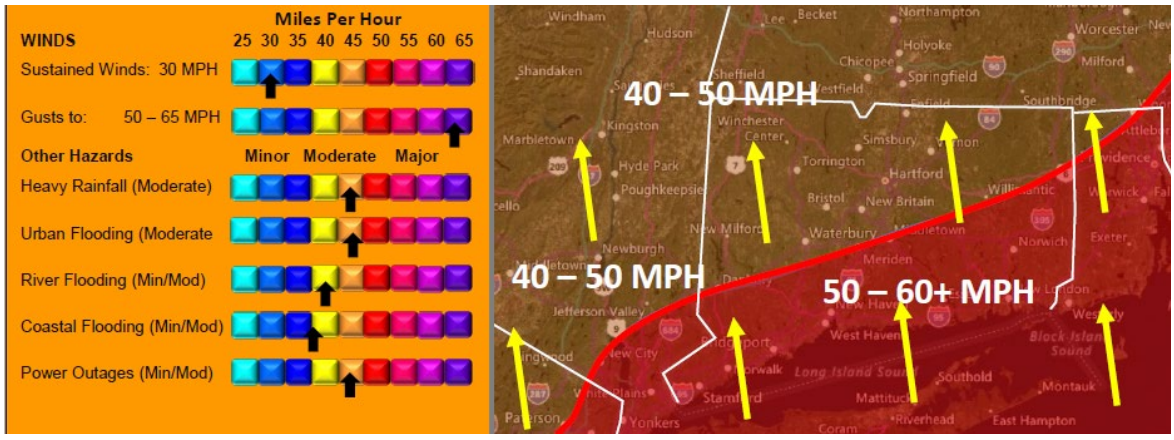
On Monday, January 8th, NWS issued a wind advisory from 4 p.m. Tuesday (Jan 9) to 7 A.m. Wednesday (Jan. 10) for the northwestern part of Connecticut. Also on January 8th, NWS issued a high wind watch for Tolland and Wyndham, a wind advisory for Harford County and a high wind warning for the coastal plain regions.

On January 8th, CL&P sent PURA a Notice of Prestaging, notifying PURA that it was actively monitoring weather forecasts and preparing for potential system damage and associated

customer outages. The Company further explained that it was securing additional crews due to demand for resources in the region and planned to declare an ERP Event Level 4 on Tuesday, January 9, 2024. A representative of the Company's Regulatory Affairs Department also communicated this decision to PURA's designated representative.

By midday January 9th, the weather agencies were highly confident of a forecast for moderate to heavy rainfall of 2-4 inches, with some snow in the northwest hills, and hazard-level winds lasting from Tuesday evening throughout the day and into the evening on Wednesday, January 10th. The forecast continued to call for strong, damaging winds, with peak gusts ranging from 40-50 mph and higher gusts of up to 60 mph in the eastern and coastal areas.

Figure 1: DESPP Advisory
(Jan. 9, 2024, 12:20PM)



On Tuesday, January 9th, Eversource activated its ERP at Event Level 4 at 6 p.m. and opened Emergency Operation Centers in Hartford, New London, and Newtown. By this time, the Company had secured 673 outside contractor line crews to work on the distribution system and 16 to work on the transmission system.

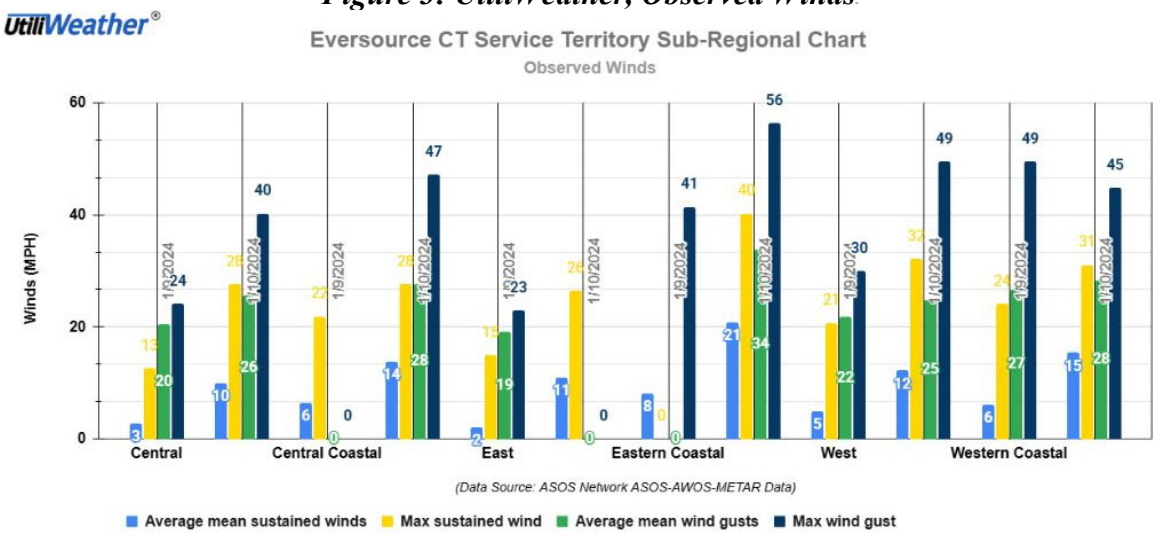
Figure 2: Personnel Available for January 10, 2024 Storm
(Tuesday, January 9, 2024, 6 p.m.)

PERSONNEL AVAILABLE FOR JANUARY 10, 2024, STORM			
Distribution Line Crews Total	753	Eversource Crews	80
		Contractor Crews	673
Transmission Crews Total	18	Eversource Crews	2
		Contractor Crews	16
Service Crews	119		
RSO Trouble Shooters	116		
Substation Electricians	137		
Tree Crews	346		
Damage Assessors	171		
Wire Guards	171		
Crew numbers will change as we secure and/or release resources. Response Specialist Organization (RSO) Trouble Shooters are Eversource lineworkers in addition to total Distribution Line Crews.			

At 9:30 p.m. on January 9th, the University of Connecticut issued the results from its Outage Prediction Model and recommended planning for between 1,250 and 2,5000 total trouble spots in the Company's Connecticut service territory for this storm. By 5:00 p.m. on January 9th, the Company had secured a total of 3,652 beds at area hotels for January 10th and 4,114 beds for January 11th, and 1,925 beds for January 12th.

A strong storm system brought gusty winds, heavy rainfall, river flooding, and a light accumulation of high-elevation wet snow to northwestern Connecticut from the afternoon hours on January 9 into the early morning hours on January 10, 2024. As shown in the figure below, maximum wind gusts reached 56 mph in the eastern coastal part of the state.

Figure 3: UtiliWeather, Observed Winds[1]



In addition to the high winds, the warm rain on top of the existing snowpack caused flooding, closing some roads and complicating restoration.

At 2:00 a.m., January 10, 2024, the outages peaked, with 8,146 customers affected. As of 7:00 a.m. on Wednesday, January 10th, Eversource had restored power to approximately 20,000 customers in Connecticut. Flooding from melting snow and additional rain has closed roads throughout the state, adding complexity to the restoration. The Liaison Organization was actively engaged with communities that experienced outages, and regular communications with the PURA continued.

By 2:00 p.m. on January 10th, the Company began demobilizing. The Company also began conducting detailed assessments for the next weather system predicted to impact the state Friday night, January 12, into Saturday, January 13 (see below, MS24B011).

In total, the Company utilized 869 line crews and responded to 1,261 trouble spots. By the end of this event, the storm affected 33,276 customers and the Company restored 580 outages. Based on the initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently planned and prepared for a Level 4 Event. The Company filed a 14-Day Report with PURA for this event on January 25, 2024.

III. Wind/Rain Event, January 13, 2024 (MS24B011) – ERP LEVEL 5

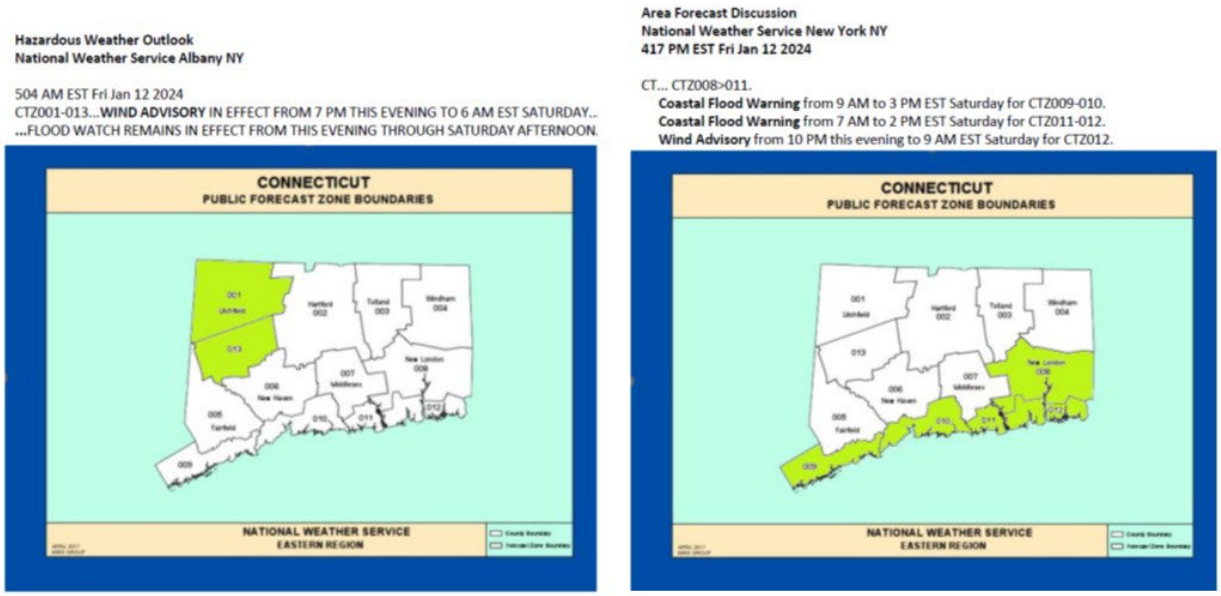
Leading up to the event, the Company monitored forecasts for a storm system with 1.5 – 2.5 inches of rain, strong wind gusts, with peak winds predicted from 50-55 mph, and a chance for isolated thunderstorms. On Thursday, January 11, 2024, based on predicted winds and saturated

[1] Data Source: ASOS Network ASOS-AWOS-METAR Data.

ground from previous rain, snowmelt, and additional rain to come, the Company planned to declare an ERP level 5 on Friday, January 12th. Also on January 11th, a representative of the Company's Regulatory Affairs Department communicated Eversource's decision to PURA's designated representative, and outbound calls to medically coded customers were delivered.

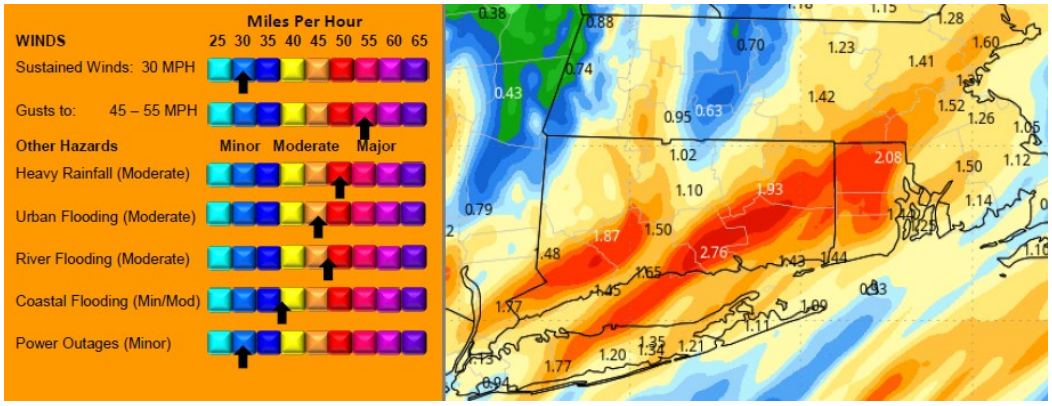
The forecasts on the morning of Friday, January 12th, continued to call for gusty winds, moderate to heavy rain, and flood watches were issued for the state.

Figure 4: NWS Wind Advisory and Flood Warning
(Jan. 12, 2024)



The State's prediction of hazardous winds was aligned with other forecasts on which the Company based its planning and preparation.

Figure 5: DESPP Advisory
(Jan. 12, 2024, 11:30AM)



At noon on Friday, January 12th, the University of Connecticut issued the results of its Outage Prediction Model and recommended planning for 250 to 500 total trouble spots for this storm.

Also on January 12th, CL&P sent PURA a Notice of Prestaging, notifying PURA that it was actively monitoring weather forecasts and preparing for potential system damage and associated customer outages. The Company further explained that it was securing additional crews due to the region's demand and planned to declare an ERP Event Level 5 on Friday, January 12th.

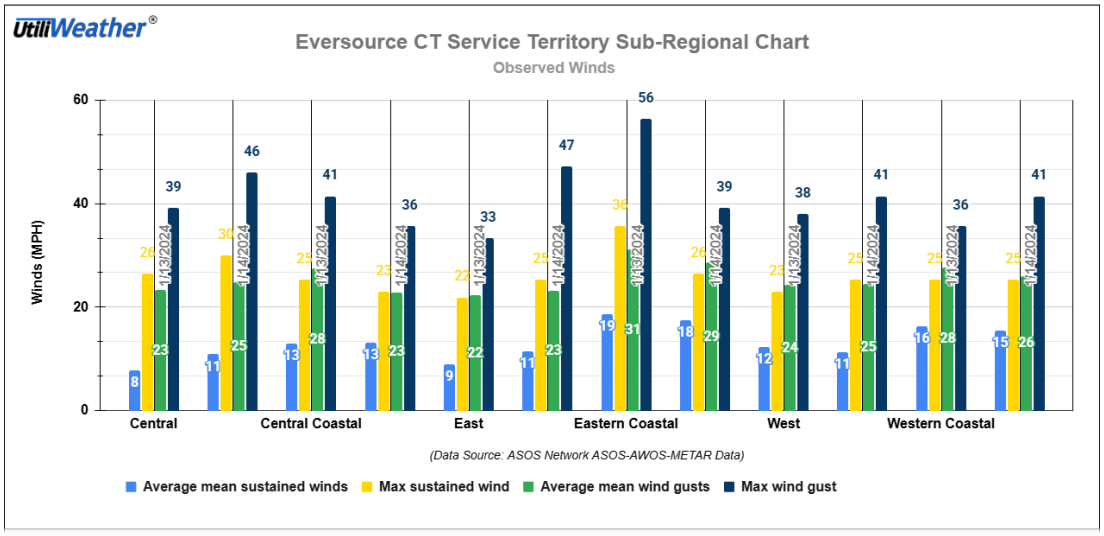
At 6 p.m. on Friday, January 12th, Eversource activated its ERP at a Level 5, and by this time, it had secured 298 outside contractor line crews to assist with restoration efforts.

Figure 6: Personnel Available for January 13, 2024 Storm
(Friday, January 12, 2024, 6 p.m.)

PERSONNEL AVAILABLE FOR JANUARY 13, 2024, STORM			
Distribution Line Crews Total	358	Eversource Crews	76
		Contractor Crews	282
Transmission Crews Total	18	Eversource Crews	2
		Contractor Crews	16
Service Crews	23		
RSO Trouble Shooters	110		
Substation Electricians	136		
Tree Crews	220		
Damage Assessors	165		
Wire Guards	100		
Crew numbers will change as we secure and/or release resources. Response Specialist Organization (RSO) Trouble Shooters are Eversource lineworkers in addition to total Distribution Line Crews.			

The storm system impacted Connecticut overnight on Friday, January 12th, into Saturday, January 13th, and was characterized by heavy rain, strong winds, and flooding. As shown in the figure below, maximum wind gusts ranged between 33 mph and 56 mph across the state.

Figure 7: UtiliWeather, Observed Winds[2]



The hazardous winds and strong gusts brought down trees and tree limbs, breaking poles and crossarms, dropping conductors, and damaging electrical equipment. Eversource restored power to approximately 2,200 customers overnight on Friday, January 12th and into Saturday, January 13th.

By 10 a.m. on Saturday, January 13th, approximately 700 customers were without power. At this time, the Company began to demobilize external resources and determined that enhanced operations would continue throughout the weekend. The Company continued to restore power to customers throughout the day on January 13th.

On the afternoon of Sunday, January 14th, another band of inclement weather as part of the same weather system moved through Connecticut, bringing high winds that brought down trees and tree limbs onto Eversource electric distribution lines. At 4:00 p.m., January 14, 2024, outages peaked with 14,451 customers experiencing service outages. In total, Eversource lineworkers and contractors restored service to 30,728 customers over the period from January 13, 2024, to January 15, 2024.

In total, the Company utilized 468 line crews to address this multi-day storm system and responded to 1,158 trouble spots. By the end of this event, the storm affected 44,340 customers and the Company restored 557 outages. Based on initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently

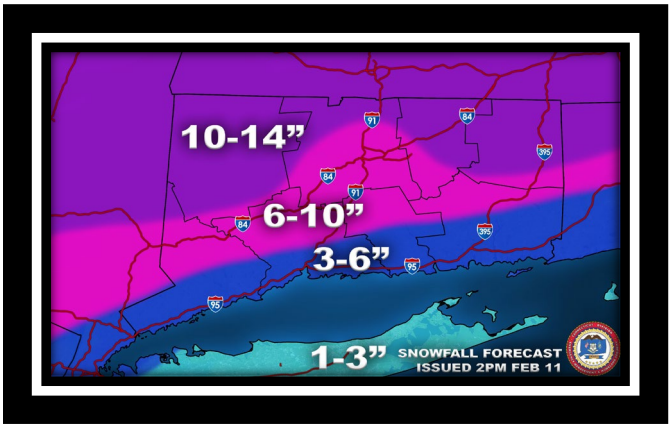
[2] Data Source: ASOS Network ASOS-AWOS-METAR Data.

planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on January 29, 2024.

IV. Nor'Easter, February 13, 2024 (MS24C011) – ERP LEVEL 5

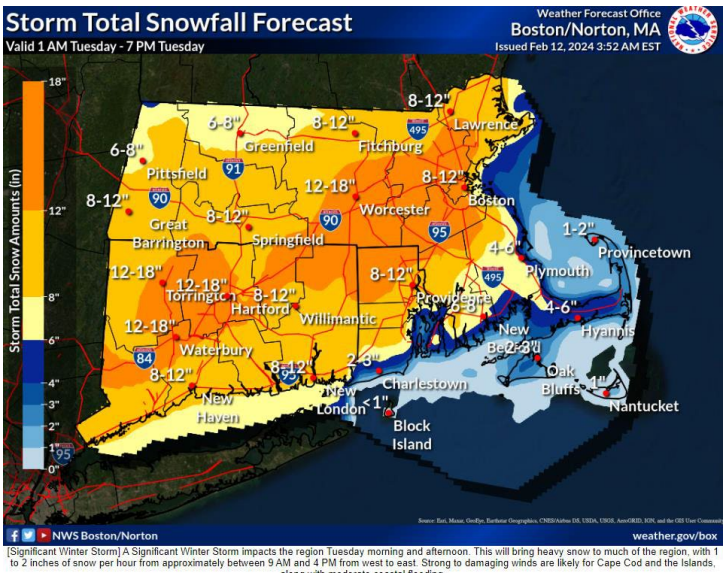
Leading up to the event, the Company monitored forecasts for a strong, fast-moving low-pressure system with strong gusty winds and snowfall totals ranging from 3 to 14 inches across Connecticut.

Figure 8: Storm Briefing from DESPP/DEMHS
(Sunday, February 11, 2024)



By 8:00 a.m. on Monday, February 12th, Winter Storm Warnings were in effect across Connecticut, with the latest forecast calling for widespread heavy, wet snow and strong winds.

Figure 9: National Weather Service Boston/Norton MA Snowfall Forecast (February 12, 2024, 3:52 a.m.)



Based on the forecasts, the Company planned to declare an ERP Level 5 on Monday, February 12th.

By midday on February 12th, snowfall exceeded 10 inches in parts of central Connecticut, tapering off in the early afternoon. At 4 p.m. on February 12th, the University of Connecticut issued the results from its Outage Prediction Model and recommended planning for between 560 and 741 total trouble spots in the Company's service territory.

By the early evening of February 12th, the Company had secured 393 contractor resources to assist with restoration efforts, as shown in the figure below:

Figure 10: Personnel Available for February 13, 2024 Storm
(Friday, February 12, 2024, 5 p.m.)

PERSONNEL AVAILABLE FOR FEBRUARY 13, 2024, STORM			
Distribution Line Crews Total	455	Eversource Crews	78
		Contractor Crews	377
Transmission Crews Total	18	Eversource Crews	2
		Contractor Crews	16
Service Crews	30		
RSO Trouble Shooters	112		
Substation Electricians	128		
Tree Crews	248		
Damage Assessors	103		
Wire Guards	53		
Crew numbers will change as we secure and/or release resources. Response Specialist Organization (RSO) Trouble Shooters are Eversource lineworkers in addition to total Distribution Line Crews.			

The Company also made outbound calls to medically coded customers on February 12th and filed a Notice of Prestaging with PURA. In the Notice, Eversource explained that it was securing additional resources in preparation for the anticipated severe weather impact and planned to declare an ERP Event Level 5 that evening.

The regional storm system entered Connecticut in the early morning hours of Tuesday, February 13th. At 6 a.m., Eversource opened its Emergency Operation Centers in Hartford, New London, and Newtown. At 12:00 p.m. on February 13th, the outages peaked, with 3,269 customers experiencing service outages. By early afternoon, the Company had already restored power to 2,800 customers since the event began, and approximately 1,600 customers remained without power.

By late afternoon on February 13th, the storm was beginning to wind down, and Eversource began releasing contractor crews. By 6 p.m., the Company's Electric Operations group returned to normal operations.

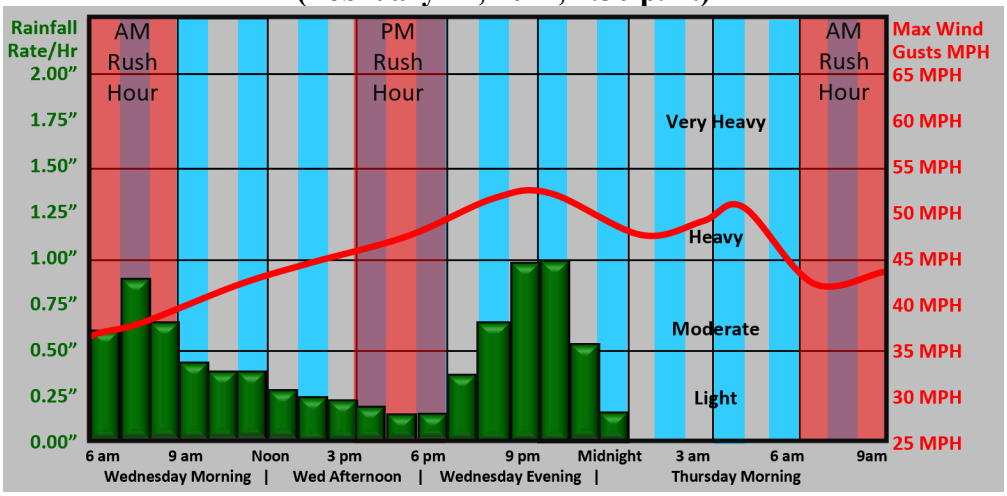
In total, the Company utilized 589 line crews and responded to 525 trouble spots. By the end of this event, the storm affected 5,452 customers and the Company restored 201 outages. Based on initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on February 27, 2024.

V. Nor'Easter, February 28, 2024 (MS24D011) – ERP LEVEL 5

Leading up to the event, the Company was tracking a very strong cold front that was forecast to move across Connecticut on the evening of Wednesday, February 28th. The forecast

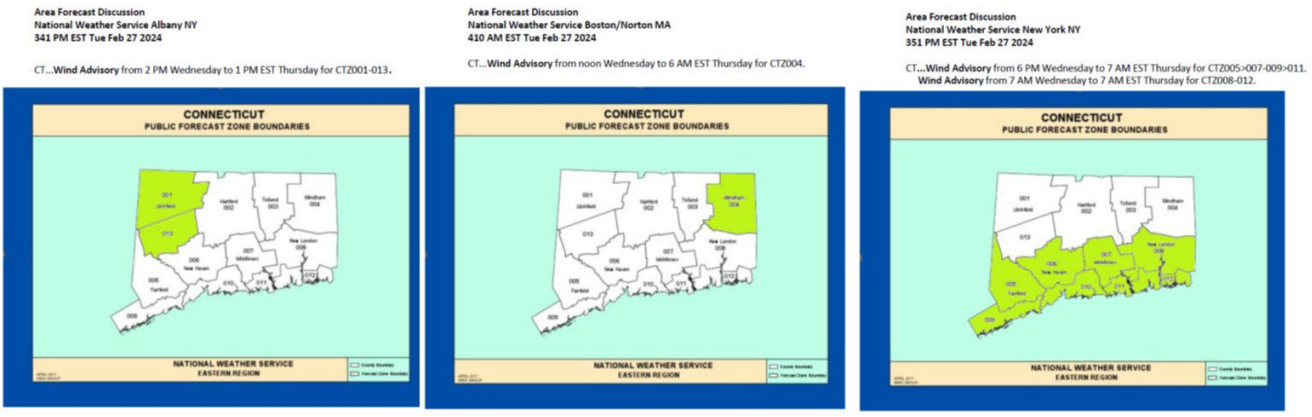
called for heavy rain and strong winds ahead of the cold front with the potential for flooding and power outages.

Figure 11: Storm Briefing from DESPP/DEMHS
(February 27, 2024, 4:30 p.m.)



Also on February 27th, NWS issued wind advisories across the state.

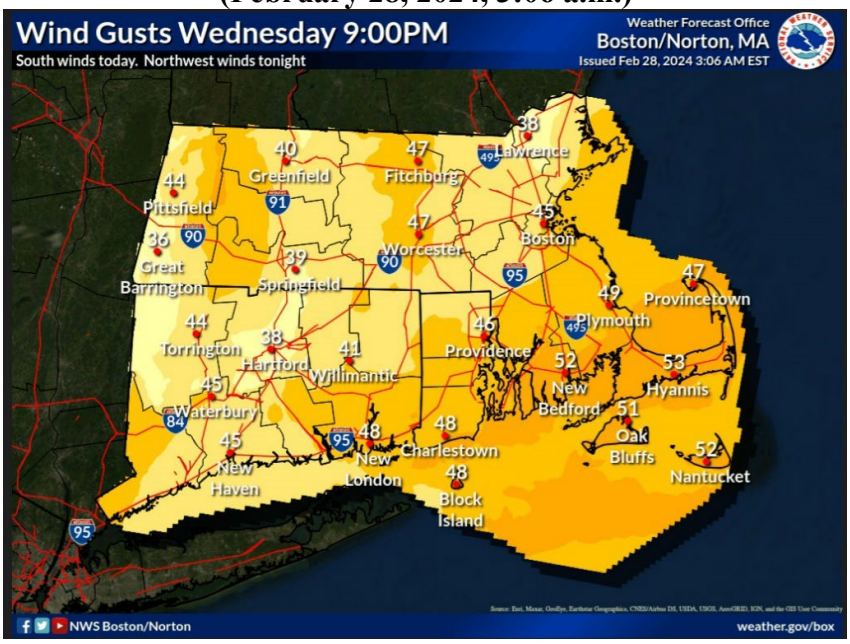
Figure 12: NWS Wind Advisories (February 27, 2024)



Based on the weather forecasts, on Tuesday, February 27th, CL&P sent PURA a Notice of Prestaging, notifying PURA that it was actively monitoring the forecast for a weather system expected to bring continuous widespread rainfall, rapidly falling temperatures, elevated sustained winds and maximum hazardous wind gusts in the range of 40-55 mph to the Company's service territory. CL&P further notified PURA that it was securing additional resources and planning to declare an ERP Event Level 5 on Wednesday, February 28th. In addition, on February 27th, Eversource made outbound calls to medically coded customers.

By the morning of Wednesday, February 28th, NWS issued Wind Advisories for the region starting at 1:00 PM that afternoon.

Figure 13: National Weather Service Boston/Norton MA
Wind Gust Forecast
(February 28, 2024, 3:06 a.m.)



At 11 a.m., the University of Connecticut issued the results from its Outage Prediction Model and recommended planning for between 307 and 507 total trouble spots in the Company's Connecticut service territory for this storm. By noon, the Company had booked 862 beds at area hotels for February 29th.

At 4:00 p.m., Eversource activated an ERP Level 5 and by 5:30 p.m., the Company had secured and pre-staged crews across the state to expedite restoration.

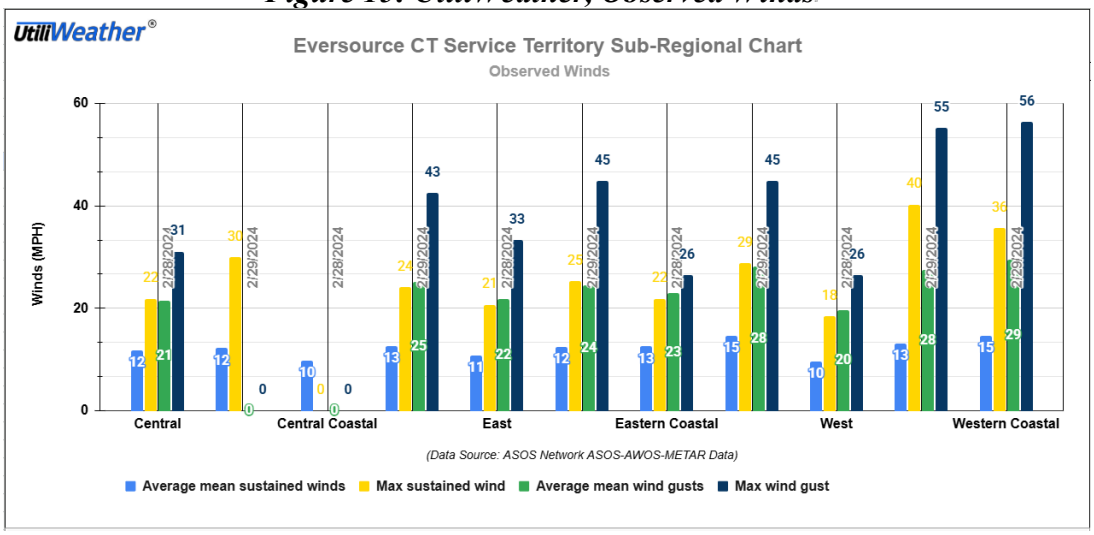
Figure 14: Personnel Available for February 28, 2024 Storm
(Friday, February 28, 2024, 5:30 p.m.)

PERSONNEL AVAILABLE FOR FEBRUARY 28, 2024, STORM			
Distribution Line Crews Total	404	Eversource Crews	78
		Contractor Crews	322
Transmission Crews Total	19	Eversource Crews	3
		Contractor Crews	16
Service Crews	40		
RSO Trouble Shooters	118		
Substation Electricians	136		
Tree Crews	232		
Damage Assessors	146		
Wire Guards	97		
Crew numbers will change as we secure and/or release resources. Response Specialist Organization (RSO) Trouble Shooters are Eversource lineworkers in addition to total Distribution Line Crews.			

Eversource activated all three Emergency Operations Centers at 6:00 p.m. on February 28th, and that evening the predicted cold front moved into the region.

The cold front continued to move across the state overnight, bringing rain and high winds that brought trees and tree limbs down onto the Company's electric equipment, resulting in widespread outages and challenging conditions. As shown in the figure below, maximum wind gusts reached 56 mph in the western coastal part of the state.

Figure 15: UtiliWeather, Observed Winds[3]



At 2 a.m on Thursday, Friday February 29th, the outages peaked, with 9,544 customers experiencing service outages.

By 10 a.m. on February 29th, Eversource crews had restored approximately 14,000 customers, leaving less than 4,000 customers without power, primarily in the western part of the state. Eversource crews also worked overnight to clear 40 blocked roads and 4 partially blocked roads.

By 1:30 p.m. on February 29th, the Company had made significant progress, restoring service to more than 17,000 customers since the storm began. By this time, fewer than 1,300 customers remained without power, and all outages were being actively addressed by crews who were responding as quickly as safety allowed.

In total, the Company utilized 524 line crews and responded to 1,362 trouble spots. By the end of this event, the storm affected 27,480 customers and the Company restored 751 outages. Based on initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on March 13, 2024.

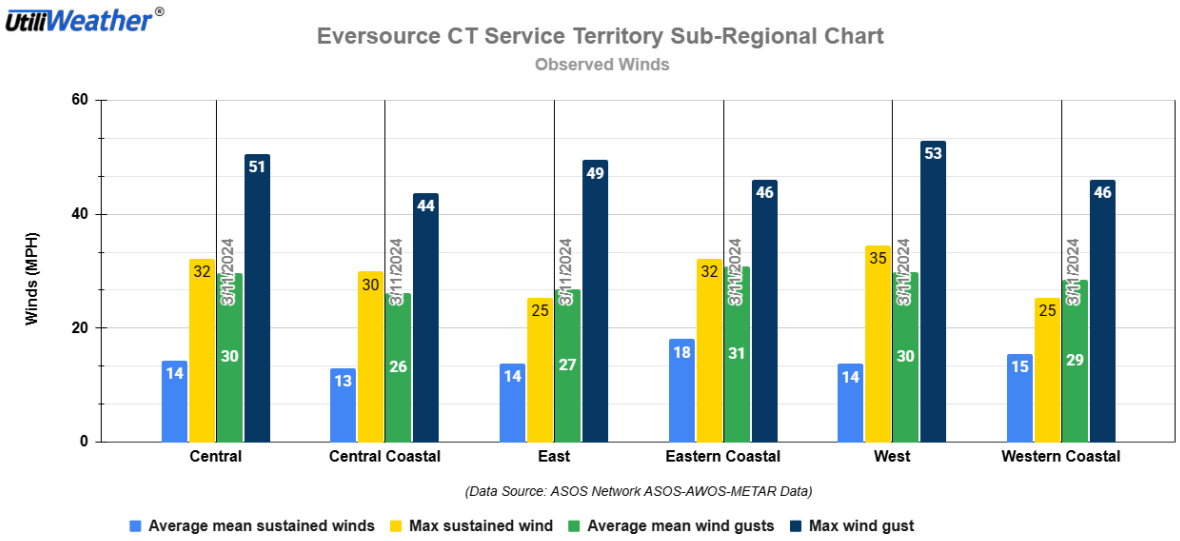
VI. Wind Event, March 11, 2024 (MS24E011) – ERP LEVEL N/A

On Wednesday, March 9, 2024, a weak low-pressure system moved quickly through Connecticut, bringing heavy rain and minor snowfall. Immediately following, on Thursday,

[3] Data Source: ASOS Network ASOS-AWOS-METAR Data.

March 10th, a strong wind event passed through Connecticut, with gusts ranging from 44 to 53 mph across the state.

Figure 16: UtiliWeather, Observed Winds[4]



The multi-day storm sequence of widespread heavy rain, leading to saturated soil, was immediately followed by a tight pressure gradient producing strong northwest wind gusts, making trees more easily uprooted on March 11th, resulting in power outages.

In total, the Company utilized 314 line crews and responded to 1,608 trouble spots. By the end of this event, the storm affected 60,868 customers and the Company restored 850 outages.

4 Data Source: ASOS Network ASOS-AWOS-METAR Data.

VII. Wind/Rain Event, April 3, 2024 (MS24F011) – ERP LEVEL 5

Leading up to this storm event, the Company was actively monitoring forecasts for a slow-moving, low-pressure system with damaging winds, including the possibility of wind gusts of 55 to 65 mph in coastal areas, heavy rain, and coastal flooding.

Figure 17: Storm Briefing from DESPP/DEMHS (April 2, 2024, 8 p.m.)



At 8:30 a.m. on Wednesday, April 3rd, the University of Connecticut issued the results of its Outage Prediction Model and recommended planning for 250 to 500 total trouble spots for this storm. By midday, confidence in the forecast was high, with a spring storm expected to bring high winds, moderate rainfall, and isolated wintery precipitation. Based on the forecasts, Eversource Electric planned to declare an ERP Level 5 at 6 p.m. and delivered outbound calls to medically coded customers. In addition, as shown in the figure below, the Company secured external resources ahead of the storm's impact.

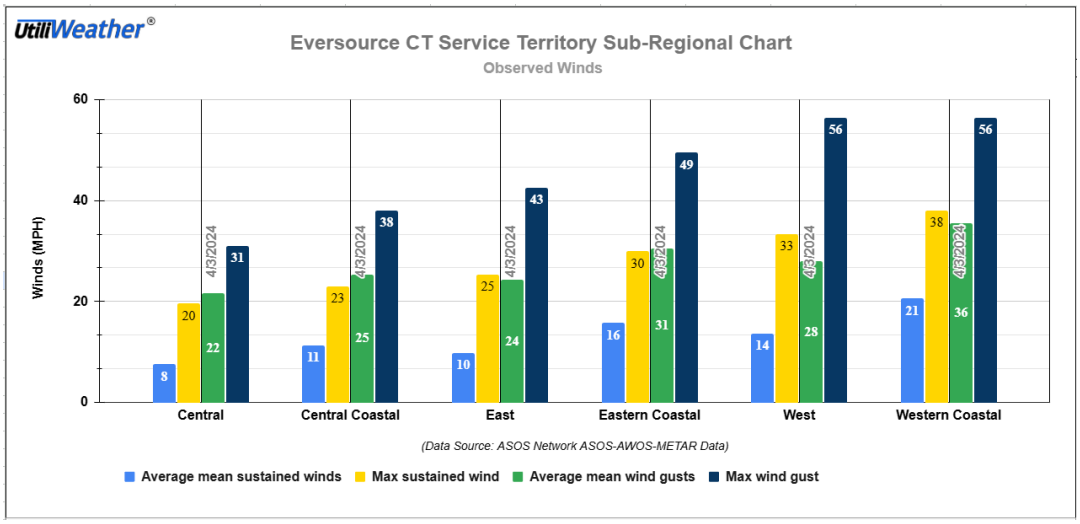
Figure 18: Personnel Available for April 3, 2024 Storm
(Wednesday, April 3, 2024, 12:15 p.m.)

PERSONNEL AVAILABLE FOR APRIL 3, 2024, STORM			
Distribution Line Crews Total	248	Eversource Crews	60
		Contractor Crews	188
Transmission Crews Total	19	Eversource Crews	3
		Contractor Crews	16
Service Crews	27		
RSO Trouble Shooters	116		
Substation Electricians	124		
Tree Crews	161		
Damage Assessors	70		
Wire Guards	51		
Crew numbers will change as we secure and/or release resources. Response Specialist Organization (RSO) Trouble Shooters are Eversource lineworkers in addition to total Distribution Line Crews.			

Also on April 3rd, CL&P sent PURA a Notice of Prestaging, notifying PURA that it was actively monitoring weather forecasts and preparing for potential system damage and associated customer outages. The Company further explained that it was securing additional crews due to the demand for resources in the region and planned to declare an ERP Event Level 5, effective at 6 p.m. on Wednesday, April 3, 2024. A representative of the Company's Regulatory Affairs Department also communicated this decision to PURA's designated representative on April 3rd. At 6 p.m., Eversource declared an ERP Level 5.

This late-season April Nor'easter moved into Connecticut overnight on April 3rd, bringing with it heavy rain, sleet, snow and, as shown in the figure below, high winds reaching gust of 56 mph in some areas.

Figure 19: UtiliWeather, Observed Winds[5]



At 6:00 a.m. on Thursday, April 4th, the Company activated all four of its Emergency Operations Centers. Also at 6:00 a.m., outages peaked, affecting 10,956 customers.

By 10:15 a.m. on April 4th, Eversource had responded to and restored more than 23,000 customers who lost power due to the spring storm. At this time, approximately 6,600 customers were without power, and the Company was actively working to restore power to them. By 11:00 a.m. Eversource had secured 718 beds at area hotels for crews.

By 5:00 p.m. on April 4th, the Company had restored power to more than 30,000 customers, leaving fewer than 1,300 customers without power.

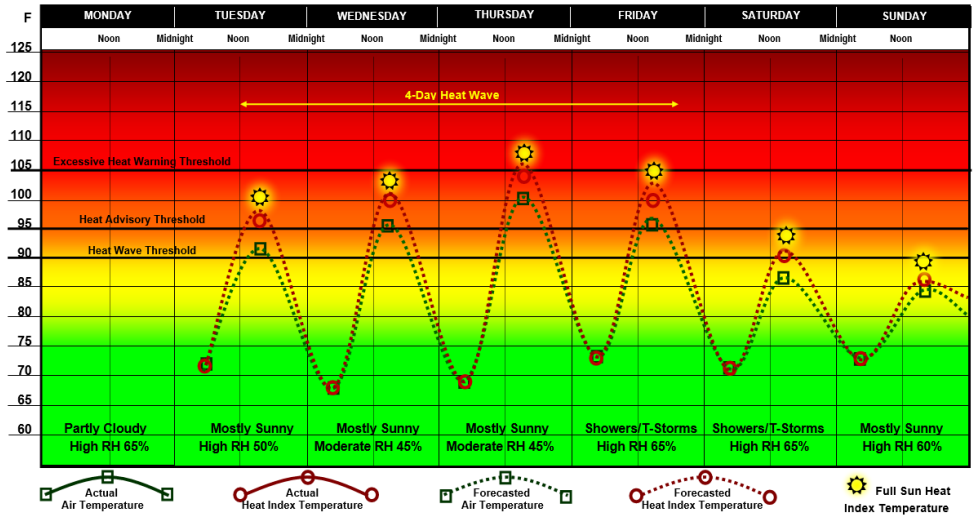
In total, the Company utilized 431 line crews and responded to 1,626 trouble spots. By the end of this event, the storm affected 43,190 customers and the Company restored 924 outages. Based on initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on April 18, 2024.

5 Data Source: ASOS Network ASOS-AWOS-METAR Data.

VIII. Thunderstorm Event, June 21, 2024 (MS24Q011) – ERP LEVEL N/A

Leading up to this event, the Company monitored forecasts for extreme heat from Tuesday, June 18th, through Friday, June 21st.

Figure 20: Storm Briefing from DESPP/DEMHS
(June 17, 2024, 4 p.m.)



Between June 18th and June 24th, the temperatures were excessive during this early summer heat wave, along with high dewpoints, creating oppressive ambient temperatures and heat indices. All three of the NWS Forecast Offices covering Connecticut issued heat advisories, air quality alerts, excessive heat watches and warnings, as well as severe thunderstorm watches and warnings as needed during this period.

Between June 18 and June 23, Connecticut saw several rounds of thunderstorms tied to the extreme heat event, moving west to east, causing scattered tree damage and localized power outages as wind gusts brought down branches onto power lines.

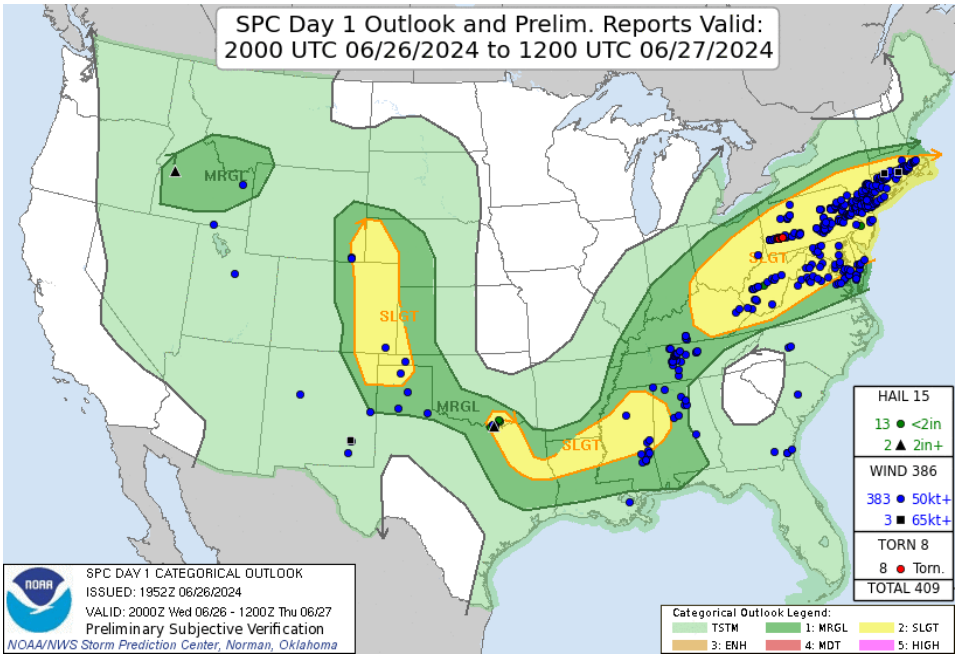
In total, the Company utilized 306 line crews and responded to 2,618 trouble spots. By the end of this event, the storm affected 119,310 customers and the Company restored 1,506 outages.

IX. Thunderstorm Event, June 26, 2024 (MS24G011) – ERP LEVEL 5

Leading up to this storm event, the Company monitored forecasts for severe thunderstorms with heavy rain, lightning, and high winds expected to impact Connecticut on the evening of Wednesday, June 26, 2024, and into Thursday, June 27th. On Tuesday, June 25th, the University of Connecticut released the results of its Outage Prediction Model and recommended planning for between 140 and 280 trouble spots for this event.

On June 26th, the NOAA/NWS Storm Prediction Center issued its forecast for scattered severe storm potential for Connecticut.

Figure 21: NWS/NOAA Storm Prediction Center Categorical Outlook (Wednesday, June 26, 2024)



Based on the forecasts, Eversource activated an ERP Level 5 on Wednesday, June 26th. Beginning on the evening of June 26th, a fast-moving, destructive band of weather impacted Eversource's service territory in Connecticut. At 10:00 p.m., outages peaked, affecting 71,506 customers.

On the morning of June 27th, Eversource activated its Emergency Operation Centers in Hartford, New London, and Newtown. By 10:45 a.m., approximately 49,000 Eversource customers were without power and outages were isolated and scattered throughout the state. The following resources were available to assist with restoration:

Figure 22: Personnel Available for June 26, 2024 Storm (Thursday, June 27, 2024, 12 p.m.)

Resource Type		Personnel	
Distribution Line Crews Total	**446**	Eversource D Crews	**137**
		Contractor D Crews	**309**
Transmission Line Crews	**0**	Eversource T Crews	**0**
		Contractor T Crews	**0**
Service Crews	**51**	Eversource Service Crews	**0**
		Contractor Service Crews	**51**
RSO/Trouble Shooters	**115**		
Substation Electricians	**138**		
Tree Crews	**239**		
Damage Assessor Crews	**164**		
System Operator Support	**29**		
Wire Down Guards	**201**		

Numbers above include Confirmed (w/ Rosters) plus Committed (w/o Rosters) and are as of 06/27/2024 @ 1430.

By 6:45 p.m. on Thursday, June 27th, the Company had restored power to more than 80,000 customers since the event began.

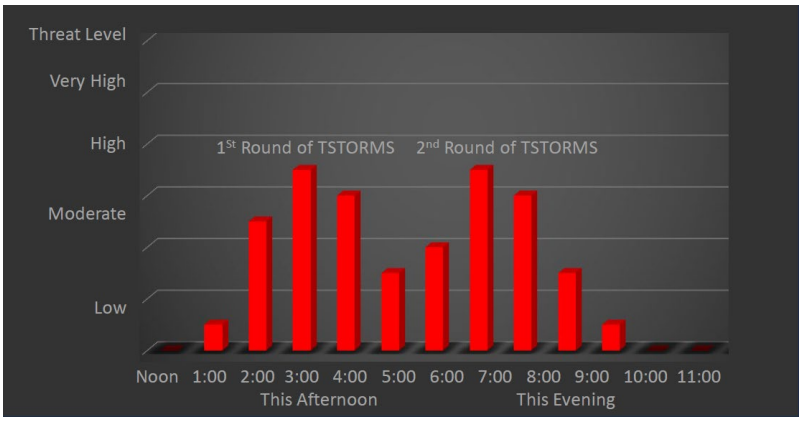
By Friday morning, June 28th, the Company had restored power to more than 94,200 customers since the event began. At this time, approximately 2,400 customers scattered throughout the state remained without power. The restoration efforts for this event were challenging due to the scattered nature of the outages.

In total, the Company utilized 753 line crews and responded to 2,984 trouble spots. By the end of this event, the storm affected 119,198 customers and the Company restored 1,743 outages. Based on initial forecasts and other information known at the time, the Company prudently planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on July 22, 2024.

X. Thunderstorm Event, June 30, 2024 (MS24H011) – ERP LEVEL 5

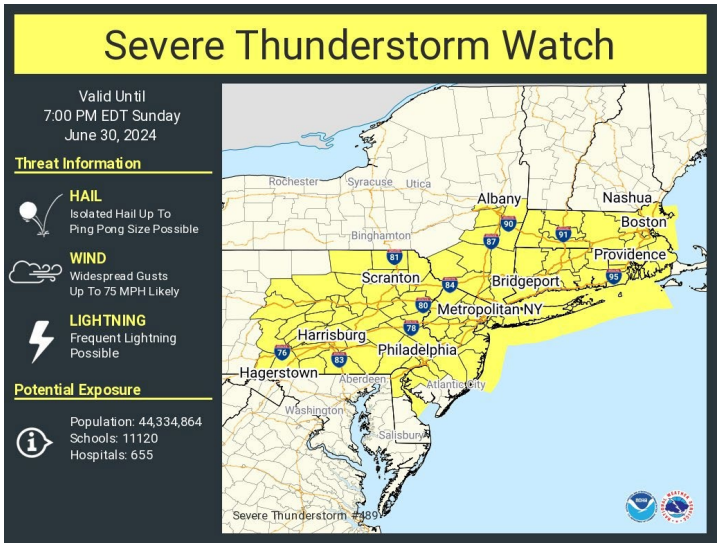
Leading up to this event, the Company monitored forecasts for two rounds of strong-to-severe thunderstorms, predicted to form on the afternoon of Sunday, June 30th and later that evening.

Figure 23: Storm Briefing from DESPP/DEMHS
(June 30, 2024, 11:30 a.m.)



Both events were predicted to bring high winds of up to 65 mph in isolated areas and confidence in the weather forecast was high.

Figure 24: Storm Briefing from DESPP/DEMHS
(June 30, 2024, 11:30 a.m.)



Based on the weather forecast, and the fact that trees and limbs had already been weakened

by the severe weather that moved through the state between June 26th and 27th, the Company planned to declare an ERP Level 5.

On Sunday, June 30th, Eversource delivered outbound calls to medically-coded customers, secured external resources, and continued onboarding additional crews ahead of the storm's impact.

Figure 25: Personnel Available for June 30, 2024 Storm
(Sunday, June 30, 2024, 1:30 p.m.)

PERSONNEL AVAILABLE FOR JUNE 30, 2024			
Distribution Line Crews Total	177	Eversource Crews	64
		Contractor Crews	113
Transmission Crews Total	13	Eversource Crews	3
		Contractor Crews	10
Service Crews	30		
RSO Trouble Shooters	109		
Substation Electricians	TBD		
Tree Crews	177		
Damage Assessors	70		
Wire Guards	27		
Crew numbers will change as we secure and/or release resources. Response Specialist Organization (RSO) Trouble Shooters are Eversource line workers in addition to total Distribution Line Crews.			

On June 30, 2024, hazardous winds and strong gusts from a line of severe thunderstorms caused trees and limbs to fail, breaking poles and crossarms, dropping conductors and damaging electrical equipment.

At 2:00 p.m., June 30, 2024, the outages peaked, affecting 10,451 customers.

By 8:30 p.m. on June 30th, Eversource had restored power to over 33,000 customers, cleared 37 blocked roads, and restored 36 critical facilities. At this time, approximately 2,000 customers were still without power. Eversource declared an ERP Level 5 at 2 p.m.

By 9:30 a.m. on Monday, July 1st, Eversource had safely restored power to more than 40,000 customers, cleared 55 blocked roads, and restored 40 critical facilities. At this time, approximately 550 customers remained without power and contractor crews were being released.

In total, the Company utilized 413 line crews and responded to 679 trouble spots. By the end of this event, the storm affected 30,610 customers and the Company restored 339 outages. Based on initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on July 22, 2024.

XI. Thunderstorm Event, August 2, 2024 (MN24X011) – ERP LEVEL N/A

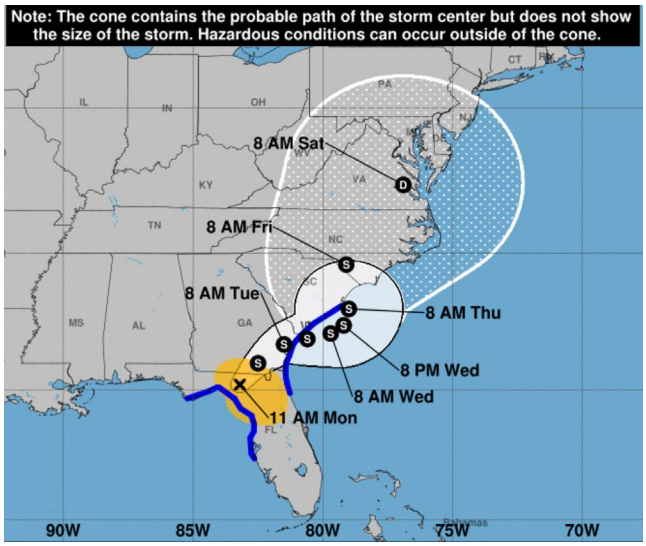
On August 1, 2024, the NWS issued a heat advisory for parts of Connecticut. Beginning on the afternoon of August 2, 2024, a line of severe thunderstorms and microbursts moved from the southeastern part of Connecticut to the northeast. Though not widespread statewide, the storms caused a significant number of localized outages as they crossed that state.

In total, the Company utilized 179 line crews and responded to 1,307 trouble spots. By the end of this event, the storm affected 50,720 customers and the Company restored 779 outages.

XII. Thunderstorm Event, August 9, 2024 (MN24J0011) – ERP LEVEL 5

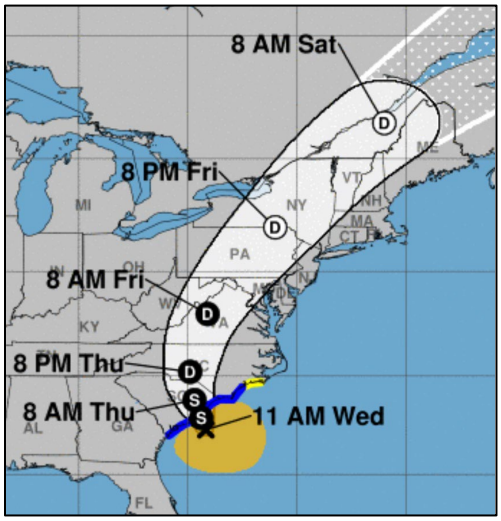
Leading up to this event, the Company was monitoring Tropical Storm Debby's track.

Figure 26: Storm Briefing from DESPP/DEMHS
(August 5, 2024, 1:30 p.m.)



At 11:00 a.m. on Wednesday, August 7, 2024, Tropical Storm Debby was located just off the coast of South Carolina with maximum sustained winds of 60 mph. The remnants of Tropical Storm Debby were forecast to move across central Pennsylvania and New York on Friday, August 9, 2024. On this track, the forecasts called for heavy localized rainfall, thunderstorms, potential isolated tornadoes, elevated sustained winds and maximum hazardous wind gusts in the range of 30-45 mph for our Connecticut service territory.

Figure 27: Storm Briefing from DESPP/DEMHS
(August 7, 2024, 12:00 p.m.)



Based on the forecasts, on Thursday, August 8, 2024, CL&P sent PURA a Notice of Prestaging, notifying PURA that it was actively monitoring weather forecasts and preparing for potential system damage and associated customer outages due to remnants from Tropical Storm Debby. The Company further explained that it was securing additional crews due to the demand for resources in the region and planned to declare an ERP Event Level 5, effective 6 p.m. on Friday, August 9, 2024.

On Friday, August 9, 2024, the NWS issued wind advisories for the southern and northwest regions of the state.

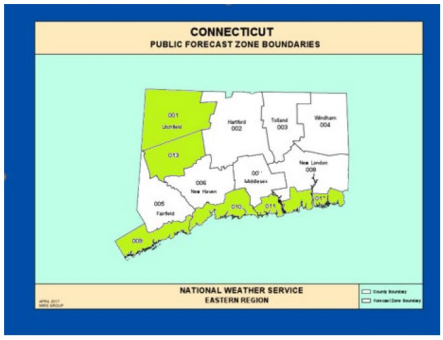
Figure 28: NWS Wind Advisories
(August 9, 2024)

AREA FORECAST DISCUSSION
National Weather Service Albany NY
1246 PM EDT Fri Aug 9 2024

CT...Wind Advisory until midnight EDT tonight for CTZ001-013.

AREA FORECAST DISCUSSION
National Weather Service New York NY
1059 PM EDT Thu Aug 8 2024

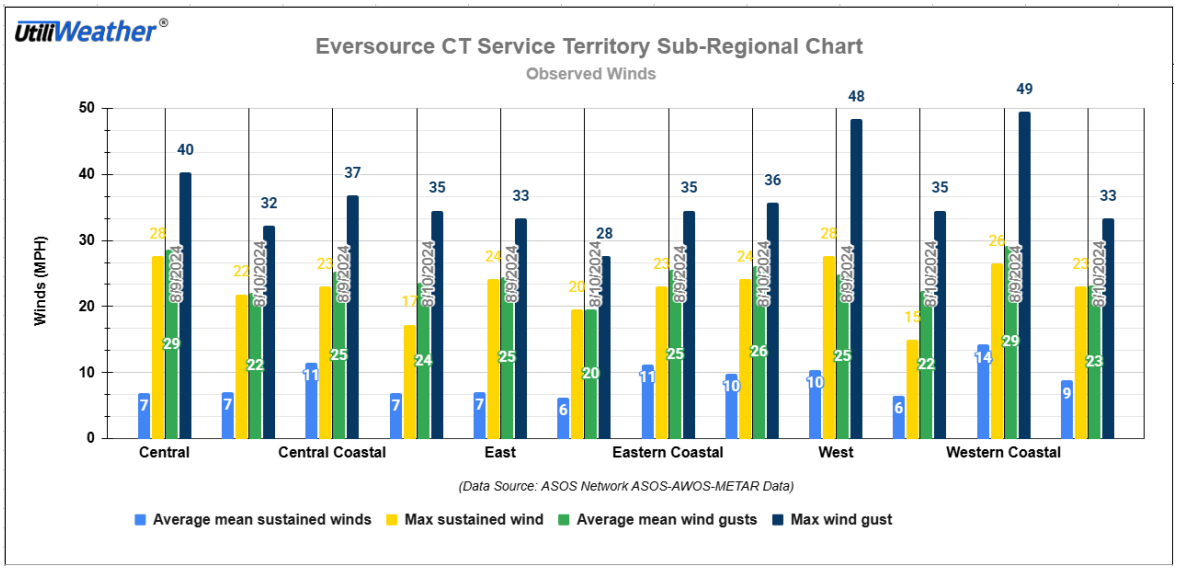
CT...Wind Advisory from noon Friday to 6 AM EDT Saturday for CTZ009>012.



On Friday, August 9, 2024, Connecticut experienced a wind-and-rain event associated with the remnant of Post-Tropical Cyclone Debby. As the system passed through, it brought showers

and thunderstorms to Connecticut and winds picked up throughout the day, with trees and limbs falling onto Eversource's system, causing damage, especially in the western part of the state.

Figure 29: UtiliWeather, Observed Winds[6]



On August 9th at 9:00 a.m., the University of Connecticut issued the results from its Outage Prediction Model and recommended planning for between 500 and 1,000 total trouble spots in the Company's Connecticut service territory for this storm.

Eversource declared an ERP Level 5 at 6 p.m. and activated all four Emergency Operation Centers. Also, by this point, Eversource had secured 161 contractor crews to support restoration efforts.

6 Data Source: ASOS Network ASOS-AWOS-METAR Data.

Figure 30: Personnel Available for August 9, 2024 Storm
(Friday, August 9, 2024, 7 p.m.)

PERSONNEL AVAILABLE FOR AUGUST 9, 2024			
Distribution Line Crews Total	221	Eversource Crews	68
		Contractor Crews	153
Transmission Crews Total	10	Eversource Crews	2
		Contractor Crews	8
Service Crews	30		
RSO Trouble Shooters	111		
Substation Electricians	71		
Tree Crews	192		
Damage Assessors	84		
Wire Guards	62		
Crew numbers will change as we secure and/or release resources. Response Specialist Organization (RSO) Trouble Shooters are Eversource line workers in addition to total Distribution Line Crews.			

At 5:00 p.m. on August 9th, outages peaked, affecting 3,472 customers. By 7:00 p.m., the Company had restored power to 20 critical facilities and close to 24,000 customers.

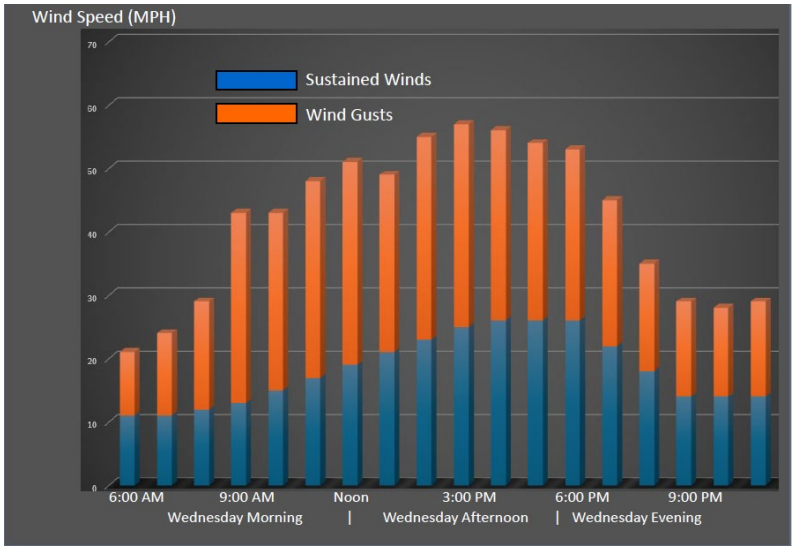
By 9:30 a.m. on Saturday, August 10th, approximately 2,600 customers remained without power, and more than 35,900 customers had been restored since the event began. The Company began to demobilize external contractor crews as final outage restorations were completed.

In total, the Company utilized 360 line crews and responded to 1,732 trouble spots. By the end of this event, the storm affected 52,334 customers and the Company restored 970 outages. Based on initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on August 30, 2024.

XIII. Wind/Rain Event, December 10, 2024 (MN24K011) – ERP LEVEL 5

Leading up to this event, the Company was actively monitoring forecasts for a strong cold front to move across Connecticut on the evening of Wednesday, December 11, 2024. The forecasts also called for heavy, widespread rain and strong winds ahead of the cold front on Wednesday.

Figure 31: Storm Briefing from DESPP/DEMHS
(December 10, 2024, 10:00 a.m.)



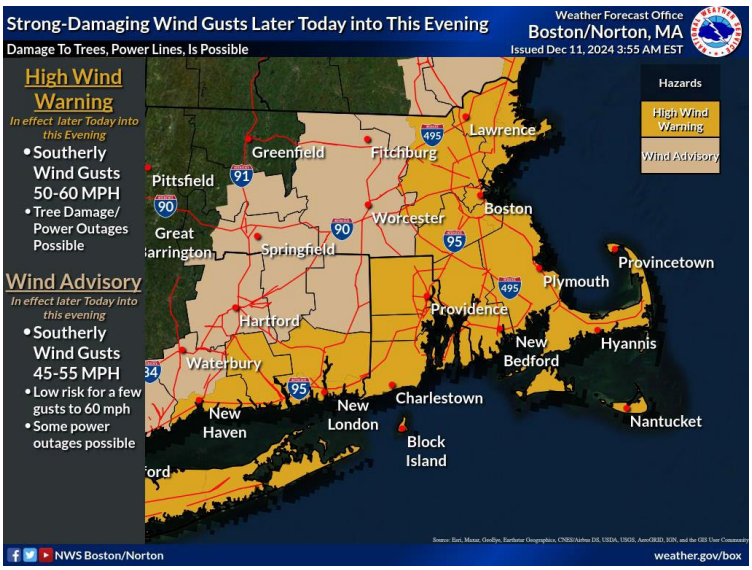
Additionally, flood watches were issued for Litchfield, Hartford and Tolland counties.

Based on forecasts and the potential for winds to bring trees and limbs down on electric equipment, Eversource planned to declare an ERP Level 5 on Wednesday, December 11th. The Company also sent PURA a Notice of Prestaging on December 10th, notifying PURA that it was securing additional crews due to increased demand for resources in the region.

At 10:15 a.m. on December 11th, the University of Connecticut issued the results of its Outage Prediction Model and recommended planning for 600 to 1,200 total trouble spots for this storm.

The NWS issued high wind warnings and wind advisories across the state on the morning of December 11th.

Figure 32: National Weather Service Boston/Norton MA Hazardous Wind Forecast (December 11, 2024, 3:55 a.m.)



At noon on December 11th, Eversource declared an ERP Level 5 and opened its Emergency Operation Centers in Hartford, New London, and Newtown. The Company delivered outbound calls to medically-coded and secured external resources before the event's impact.

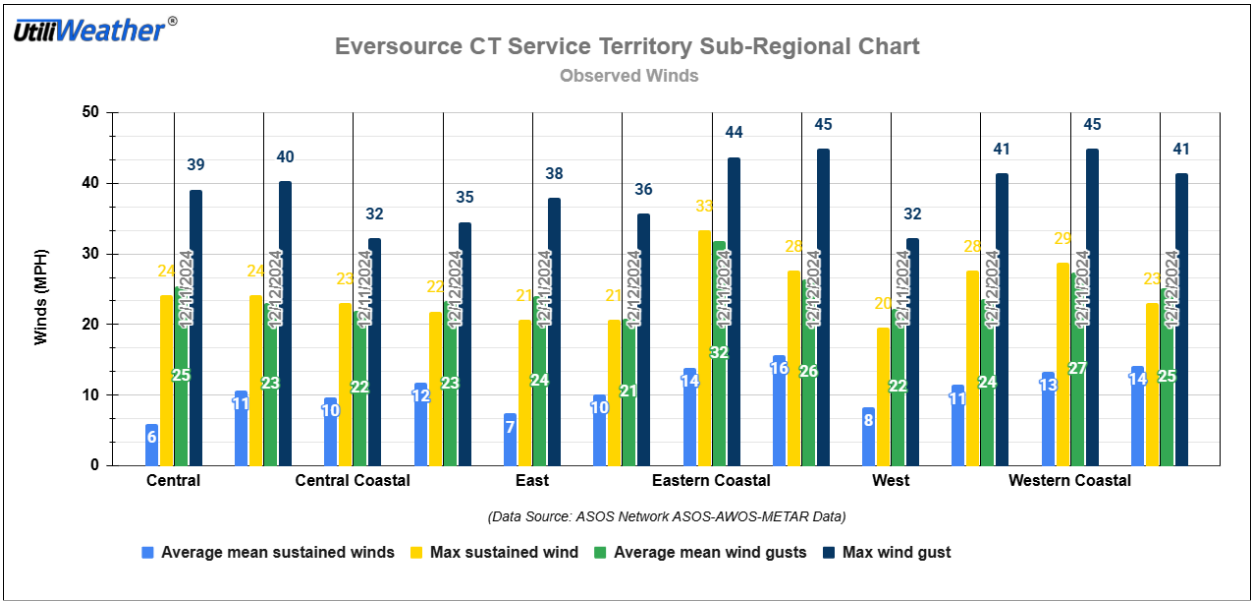
Figure 33: Personnel Available for December 11, 2024 Storm (Wednesday, December 11, 2024, 2 p.m.)

CREWS SECURED FOR THIS WEATHER EVENT			
Distribution Line Crews Total	346	Eversource Crews	114
		Contractor Crews	232
Transmission Crews Total	9	Eversource Crews	2
		Contractor Crews	7
Service Crews	32		
RSO Trouble Shooters	113		
Substation Electricians	133		
Tree Crews	189		
Damage Assessors	149		
Wire Guards	85		

Crew numbers will change as we secure and/or release resources. Response Specialist Organization (RSO) Trouble Shooters are Eversource line workers in addition to total Distribution Line Crews.

Heavy rain and wind moved through the state during the day and into the evening on Wednesday, December 11th, bringing down trees and tree limbs onto the Company's system and causing damage.

Figure 34: UtiliWeather, Observed Winds[7]



At 4:00 p.m., on December 11th, the outages peaked affecting 7,900 customers.

By 9:00 a.m. on Thursday, December 12th, Eversource had restored power to more than 16,000 customers since the event began. By this time, approximately 170 customers were without power, no critical facilities were affected, and no roads remained blocked. Accordingly, the Company began demobilizing external contractor crews and closed its Emergency Operation Centers.

In total, the Company utilized 459 line crews and responded to 665 trouble spots. By the end of this event, the storm affected 31,813 customers and the Company restored 407 outages. Based on the initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on December 31, 2024.

XIV. Wintry Mix Event, February 15, 2025 (MN25K011) – ERP LEVEL 5

Leading up to this event, the Company was monitoring forecasts for a multi-faceted winter storm event with precipitation starting as snow on Saturday afternoon and then switching to freezing rain with the potential for strong wind gusts and significant ice accumulations.

7 Data Source: ASOS Network ASOS-AWOS-METAR Data.

Figure 35: National Weather Service Boston/Norton MA
Winter Weather Briefing
(February 14, 2025, 3:48 p.m.)

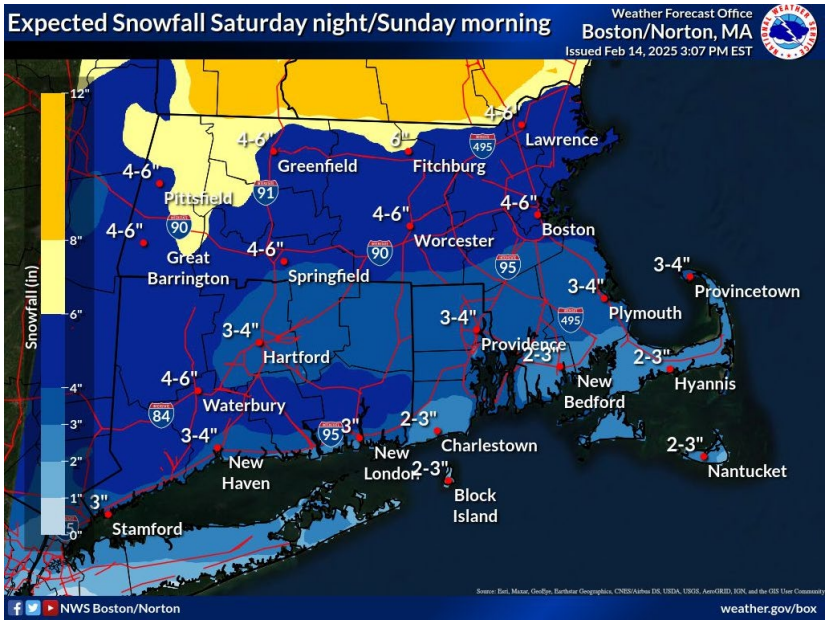
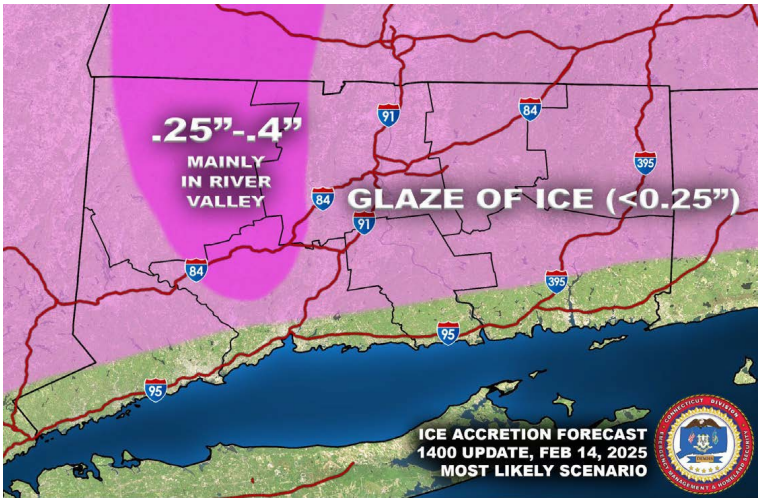


Figure 36: Storm Briefing from DESPP/DEMHS
Ice Accretion Forecast
(February 14, 2025, 2:00 p.m.)

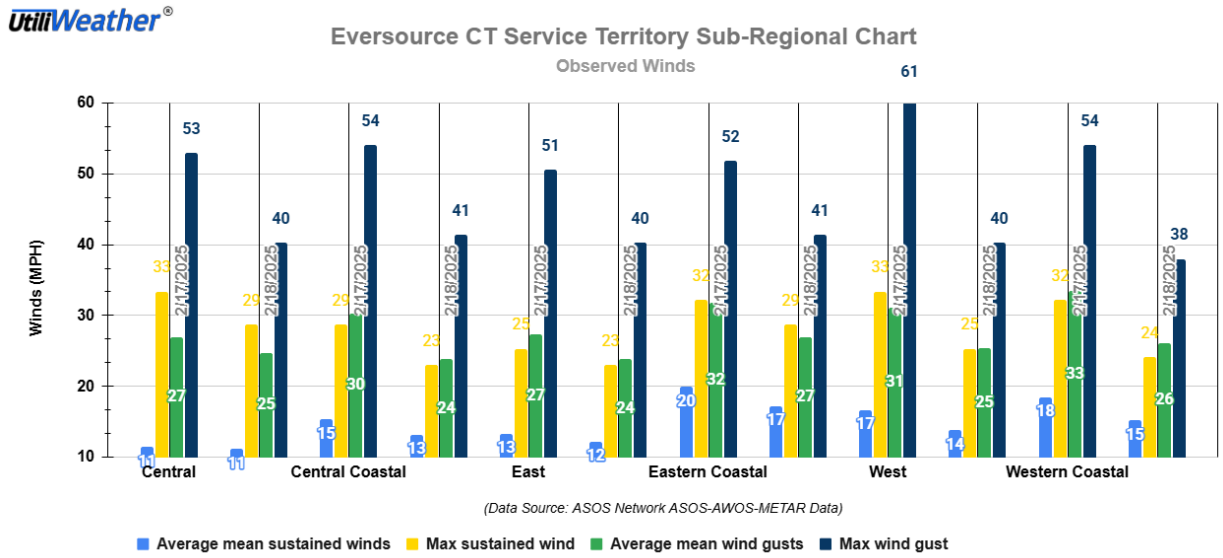


By the morning of Saturday, February 15th, a Winter Weather Advisory and a High Wind Watch had been issued for the entire state. At 11:15 a.m. on February 15th, the University of

Connecticut issued the results of its Outage Prediction Model and recommended planning for 180 to 360 total trouble spots for this event.

The storm system began to impact Connecticut on Saturday, February 15th, with snow falling across the state. Snow accumulation varied by region, with higher totals in the northern areas. As the event progressed, the weather transitioned from snow to sleet and subsequently to freezing rain. From late February 16 through February 17, the region experienced sustained winds, with gusts in the 40 to 60 mph range.

Figure 37: UtiliWeather, Observed Winds [8]



The combined effects of ice loading and subsequent winds caused damage to electric distribution infrastructure and resulted in significant power outages.

At 6:00 a.m. on Monday, February 17, 2025, Eversource declared an ERP Level 5, opening its Emergency Operation Centers in Hartford, New London and Newtown. The Company also made outbound calls to life-support customers. By 10:00 a.m., the Company had secured 386 contractor line crews to assist with restoration efforts.

8 Data Source: ASOS Network ASOS-AWOS-METAR Data.

Figure 38: Personnel Available for February 15, 2025 Storm (Tuesday, February 17, 2025, 10:00 a.m.)

Resource Type		Personnel	
Distribution Line Crews Total	447	Eversource D Crews	**88**
		Contractor D Crews	**359**
Transmission Line Crews	0	Eversource T Crews	**0**
		Contractor T Crews	**0**
Service Crews	27	Eversource Service Crews	0
		Contractor Service Crews	27
RSO/Trouble Shooters	109		
Substation Electricians	44		
Tree Crews	186		
Damage Assessor Crews	50		
System Operator Support	29		
Wire Down Guards	26		

Throughout the day on February 17th, Eversource focused on restoring power and clearing blocked roads, and by early evening, the Company had restored power to over 111,000 customers and 104 critical facilities, and cleared 196 blocked roads.

As of 10:00 a.m. on Tuesday, February 18th, Eversource had restored power to approximately 126,000 customers in Connecticut. As of 10:00 PM on February 18th, the Connecticut Incident Management Team returned to normal operations.

In total, the Company utilized 616 line crews and responded to 4,752 trouble spots. By the end of this event, the storm affected 158,442 customers and the Company restored 2,613 outages. Based on the initial forecasts and other information known at the time, the Company appropriately provided a Pre-Staging Notice to PURA and prudently planned and prepared for a Level 5 Event. The Company filed a 14-Day Report with PURA for this event on March 3, 2025.

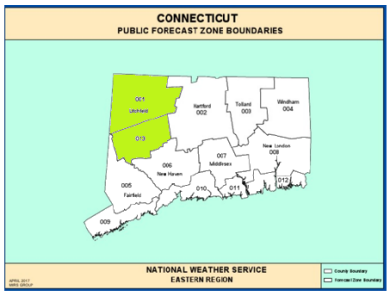
XV. Wind and Rain Event, March 6, 2025 (MN25M011) – ERP LEVEL N/A

In the days leading up to this event, the state experienced heavy precipitation, with amounts ranging from 2 to 3 inches in some areas. On Thursday, March 6, 2025, the Company was monitoring forecasts for a strong wind event, expected to develop in the evening of Thursday, March 6th, and continue into Friday afternoon. On the morning of March 6th, the National Weather Service issued wind advisories across Connecticut.

Figure 39: NWS Wind Advisories

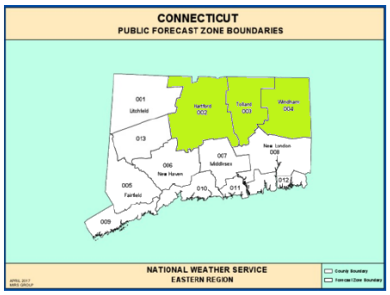
National Weather Service Albany NY
424 AM EST Thu Mar 6 2025

Wind Advisory from 4 PM this afternoon to 4 PM EST Friday for CTZ001-013.



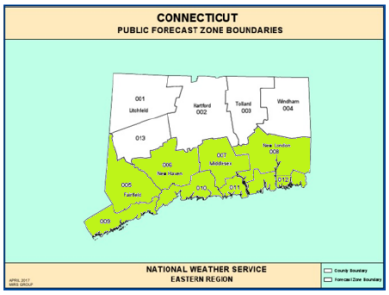
National Weather Service Boston/Norton MA
358 AM EST Thu Mar 6 2025

Wind Advisory from 7 PM this evening to 7 PM EST Friday for CTZ002>004.



National Weather Service New York NY
347 AM EST Thu Mar 6 2025

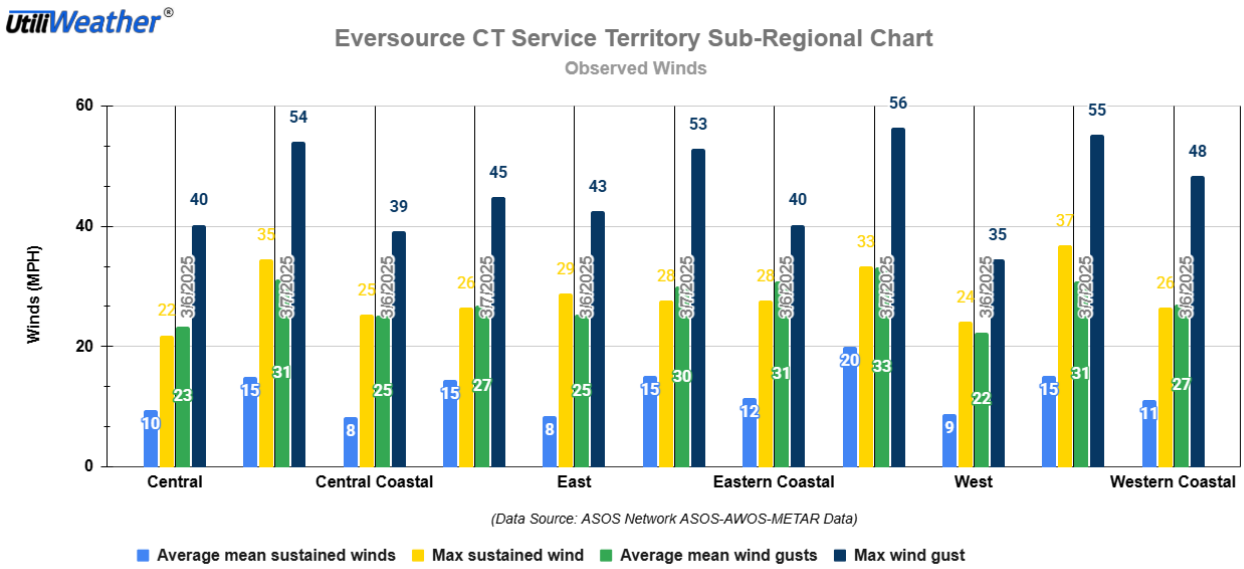
Wind Advisory from 6 PM this evening to 4 PM EST Friday for CTZ005>012.



Also on March 6th, the University of Connecticut released the results of its Outage Prediction Model and recommended planning for 140 to 280 trouble spots. On March 7th, the University of Connecticut updated its results and recommended planning for 300 to 600 trouble spots.

A strong low-pressure system moved through Connecticut between March 6-8, bringing strong gusty winds, reaching 54 to 56 mph in some areas on March 7th.

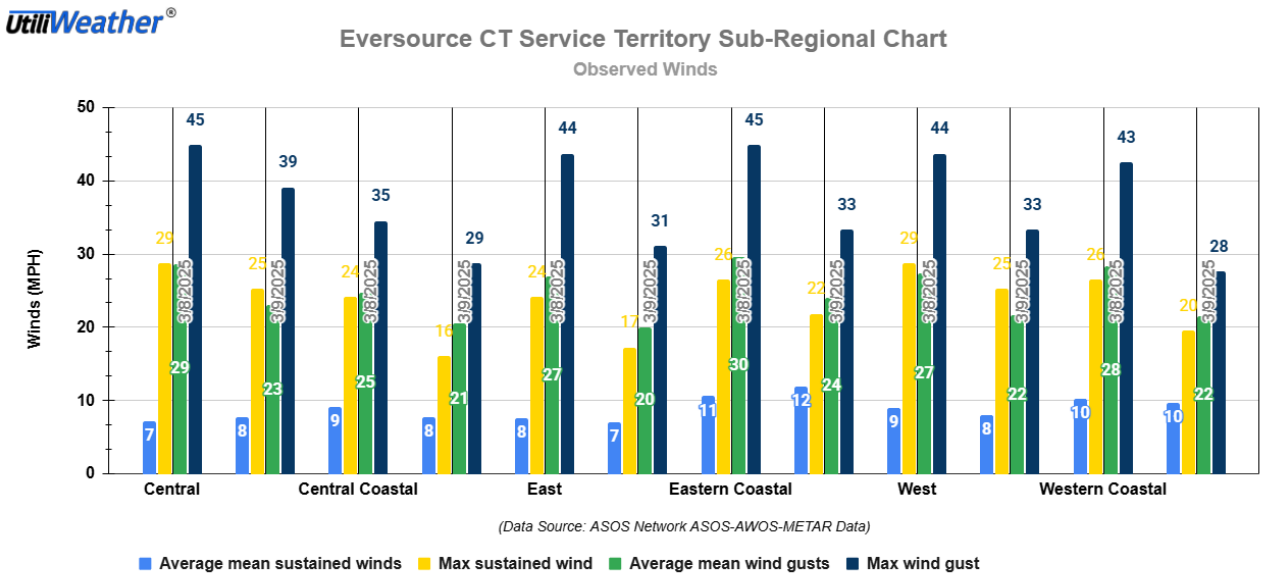
Figure 40: UtiliWeather, Observed Winds[9]



By March 8 and 9, the wind tapered off slightly, but wind gusts still reached 43-45 mph in some areas.

9 Data Source: ASOS Network ASOS-AWOS-METAR Data.

Figure 41: UtiliWeather, Observed Winds[10]



The combination of saturated ground and strong wind gusts led to scattered tree damage and downed power lines.

In total, the Company utilized 311 line crews and responded to 3,273 trouble spots. By the end of this event, the storm affected 105,198 customers and the Company restored 1,651 outages.

10 Data Source: ASOS Network ASOS-AWOS-METAR Data.