The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 9, 2026
OCC-602 Attachment 1 REDACTED
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PRE-Contingency Actions - Perform Indicated Actions Based on Load Exceeding 100% of LCC or Nameplate Load Limit MVA - Pre-Contingent

A - Over LCC or nameplate - Reduce to below LCC or nameplate

% of Peak Load	100

Substation or Transformer	Bus kV	Zone	District	Predicted 2026 Load MVA	Adjusted Load Forecast MVA	Station or Transformer Limitation (MVA)	LCC minus Adjusted Forecast 2026 Peak	Total MVA Transferred Required	Comments	Transfer Load To	Adjusted MVA Transferred	Total MVA Transferred	STEP 1 Sectionalizing point to Close or check close	STEP 1 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 2 Sectionalizing point to Close or check close	STEP 2 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 3 Sectionalizing point to Close or check close	STEP 3 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 4 Sectionalizing point to Close or check close	STEP 4 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 5 Sectionalizing point to Close or check close	STEP 5 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 6 Sectionalizing point to Close or check close	STEP 6 Sectionalizing point to OPEN or check open	MVA Transferred	Remarks	Reviewed Date & Circuit Owner
[redacted]	13.8	[redacted]		36.9	36.9	31	-6	6	Keep below station LCC	[redacted]	9.0	9.0	FLT	FLT	9	NO ACTION needed. Forced Load Transfer (FLT) in place.																	FLT	[redacted]
	13.8			53.0	53.0	54	1	-1	Keep load automatically from moving to a single transformer under N-1		N/A	N/A	No switching needed, disable ABR (4-43ATCO Schemes)when load approaches FIRM. See below for PIVision Board https://pivision.nu.com/PIVision/#/Displays/22335/Triangle-11A--Transformers																		Disable station ABR when load approaches FIRM	
	13.8			54.2	54.2	53	-1	1	Keep below station LCC		2.6	2.6	11N87-91T	11N87-2	2.6																		Step 1 offloads to the 26N1 (abnormal tie direction and restoration)	
	23.0			65.3	65.3	65	0	0	Keep below station LCC		1.3	1.3	3A12-92T	22R5-73S	1.3																			
	13.8			70.9	70.9	63	-8	8	Keep below station LCC		9.9	9.9	30L25-93T	13F64-71S	3.2	21L6-90T	13F65-71S	2.4	21L1-91T	13F71-71S	1.6	13F62-91T	13F62-72S	2.7									
	13.8			50.2	50.2	50	1	-1	Keep below station LCC		3.1	3.1	15U3-90T	30L23-72S	3.1																			
	13.2			32.8	32.8	31	-2	2	Keep below station LCC		2.2	2.2	1B11-90T	1B11-70S	2.2																			

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POST Contingency Switching - Perform Indicated Actions Based on Loss of One Substation Transformer - Post Contingent

B - Over LCC - Reduce to FIRM LIMIT

Substation	Bus kV	Zone	District	Predicted 2026 Load MVA	Adjusted Load Forecast MVA	Substation FIRM Limit	Post Contingency Firm Minus Adjusted 2026 Peak	Load Reduction from Pre-Contingency Switching	MVA reduction needed Post Contingency	Transfer Load to	Adjusted MVA Transferred	Total MVA Transferred	STEP 1 Sectionalizing point to Close or check close	STEP 1 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 2 Sectionalizing point to Close or check close	STEP 2 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 3 Sectionalizing point to Close or check close	STEP 3 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 4 Sectionalizing point to Close or check close	STEP 4 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 5 Sectionalizing point to Close or check close	STEP 5 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 6 Sectionalizing point to Close or check close	STEP 6 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 7 Sectionalizing point to Close or check close	STEP 7 Sectionalizing point to OPEN or check open
[redacted]	13.8	[redacted]	[redacted]	100.6	101	75	-25.6	0	25.6	[redacted]	15.6	15.6	11A52-90T	11A58-61R	1.7	11A76-93T	11A58-70S	3.3	11A58-90T	11A58-71S 11A58-70S 11A58-61R	3.6	30G2-90T	11A71-71S	3.5	11A50-91T	11A50-74S	3.5	30G3-91T	11A77-70S	2.9	11A77-92T	11A77-80M 11A77-70S
	13.8			36.9	37	29	-7.9	9	-1.1		9.0	9.0	FLT	FLT	9																		
	13.2			32.8	33	26	-6.8	2	4.6		4.9	4.9	1B06-90T	1B06-80M	1.1	1B06-80M	1B06-70S	0.2	1B06-70S	1B06-2	1	1B10-90T	1B10-71S	1.3	29J2-90T	1B07-72S	1.3					
	13.8			70.9	71	56	-14.9	10	5.0		5.6	5.6	30L25-93T	13F62-71S	3.2	21L6-90T	13F65-71S	2.4															
	23			65.3	65	55	-10.3	1	9.0		9.2	9.2	22R2-90T	22R2-71S	3.8	3A12-92T	22R5-73S	1.3	22R2-93T	22R2-73S	4.1												
	13.8			54.2	54	50	-4.2	3	1.6		3.5	3.5	21L6-93T 11N81-90T 11N81-95T	11N81-70S 11N81-61R 11N81-4200	3.5																		

Precautionary Switching - Perform Indicated Actions after Loss of One Substation Transformer - Post Contingent (Reduce below FIRM)

C - Over FIRM rating - Reduce to below FIRM

Substation	Bus kV	Zone	District	Predicted 2026 Load MVA	LCC	FIRM Rating	Post Contingency LTE Minus Predicted 2026 Peak	MVA reduction needed Post Contingency	Transfer Load To	Total MVA Transferred	STEP 1 Sectionalizing point to Close or check close	STEP 1 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 2 Sectionalizing point to Close or check close	STEP 2 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 3 Sectionalizing point to Close or check close	STEP 3 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 4 Sectionalizing point to Close or check close	STEP 4 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 5 Sectionalizing point to Close or check close	STEP 5 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 6 Sectionalizing point to Close or check close	STEP 6 Sectionalizing point to OPEN or check open	MVA Transferred	Remarks
[redacted]	13.8	[redacted]	[redacted]	56.9	61	54	-3	2.9	[redacted]	3.3	9S27-90T	24A14-80M	3.3																	
	27.6			62.7	63	55	-8	7.7		11.9	11M61-90T	14R32-82M	1.6	14R32-82M	Check open 14R32-80M	10.3														
	13.8			62.8	63	51	-12	11.8		3.0	12Y8-90T	12Y8-72S	2.2	12Y15-91T	12Y15-73S	0.8														Other ties are self ties or with West Brookfield 14H (on Sheet A & B), Limits for transfers due to step Xfmrs
	13.2			60.5	66	57	-4	3.5		4.4	13S7-90T	13S7-74S	2.2	13S10-94T	13S10-74S	2.2														
	13.8			58.1	67	56	-2	2.1		2.4	48C7-91T	48C7-70S	2.4																	Step 1 offloads to the 12M4
	13.8			32.6	38	30	-3	2.6		2.6	35A8-90T	12N16-70S	2.6																	
	13.2			28.6	37	28	-1	0.6		1.3	27K1-95T	35K4-74S	1.3																	
	13.8			58.3	59	54	-4	4.3		4.5	7L83-90T	6A6-71S	2.4	7L89-93T	6A3-72S	2.1														
	13.2			57.7	58	50	-8	7.7		7.7	7A72-90T	7A72-70S	2.1	6A25-93T	7A71-70S	2.1	7A82-90T	7A82-70S	3.5											
	13.8			58.6	61	56	-3	2.6		2.7	12A6-90T	4C15-75S	2.7																	
	13.8			61.1	62	55	-6	3.0		3.5	23J1-90T	14W5-70S	3.5																	
	23			59.6	70	54	-6	5.6		5.6	3A10-95T	23J33-80M	3.6	14L3-90T	23J2-71S	2														
	13.8			57.2	68	55	-2	2.2		3.1	24H8-90T	12B37-74S	3.1																	
	23			58.2	61	52	-6	6.2		7.3	12S5-91T	13B25-72S	4.9	13B25-91T	13B25-70S	2.4														
	13.8			40.6	45	36	-5	4.6		5.0	21L1-91T	21L1-73S	2.2	13F62-92T	21L3-83M	2.3	21L6-90T	21L6-61R	0.5											
	23			60.3	67	59	-1.3	1.3		2.0	35L7-92T	11J58-75S	2																	
	27.6			57	67	55	-2	2		3.6	11Y1-90T	32R1-71S	3.6																	
	23			33	37.3	30.1	-2.9	2.9		3.6	11Y1-90T	32R1-71S	3.6																	
	13.8			37.7	59	35	-2.7	2.7		2.8	12M6-91T	12M6-70S	2.8																	Abnormal Tie operation, 12M6-91T normally only recovers the 37F1
	13.2			54.6	70	51.4	-3	3.2		3.8	12H16-90T	22M10-83M	3.8																	

Precautionary Switching - Perform Indicated Actions after Loss of One Substation Transformer - Post Contingent (Reduce below FIRM)

C - Over FIRM rating - Reduce to below FIRM

Substation	Bus kV	Zone	District	Predicted 2026 Load MVA	LCC	FIRM Rating	Post Contingency LTE Minus Predicted 2026 Peak	MVA reduction needed Post Contingency	Transfer Load To	Total MVA Transferred	STEP 1 Sectionalizing point to Close or check close	STEP 1 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 2 Sectionalizing point to Close or check close	STEP 2 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 3 Sectionalizing point to Close or check close	STEP 3 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 4 Sectionalizing point to Close or check close	STEP 4 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 5 Sectionalizing point to Close or check close	STEP 5 Sectionalizing point to OPEN or check open	MVA Transferred	STEP 6 Sectionalizing point to Close or check close	STEP 6 Sectionalizing point to OPEN or check open	MVA Transferred	Remarks
[redacted]	13.2	[redacted]		59.2	70	51.4	-8	7.8	[redacted]	8.7	12H16-90T	22M10-71S	5.1	1K01-91T	22M9-71S	2.3	11R3-91T	22M10-82M	1.3										
	13.8			62.8	70	57	-6	5.8		19.6	28M-94T-2	28M-2X3-B-2 28M-92T-2	19.6																Recover B2 Bus with B3 Bus
	13.8			62.8	70	52.5	-10	10.3		17.9	28M-93T-2	28M-2X3-A-2 28M-91T-2	17.9																Recover A2 Bus with A3 Bus
	13.8			63.5	70	52.5	-11	11.0		19.6	28M-92T-2	28M-2X3-B-2 28M-94T-2	19.6																Recover B2 Bus with B1 Bus
Substations Foreasted between 95-100% FIRM																													
[redacted]	13.2	[redacted]		67.7	90	69	1	-1.3	[redacted]	0.0																			
	23			56.0	67	58	2	-2.0		0.0																			
	23			55.0	63	57	2	-2.0		2.3	21H9-90T	21H9-70S	2.3																
	4.8			6.8	6	7	0	-0.2		0.5	24R2-10T Spindle Hill Rd	Fuse on P: 676 Andrews Rd, Wolcott	0.5																NO automatic ties at any of 3 circuits at 24R S/S NO LIVE TIE
	13.8			69.3	70	54.2	-15	15.1		0.0																			
	13.8			69.3	68	54.2	-15	15.1		0.0																			
	13.8			62.2	68	54	-8	8.2		0.0																			

Removed for 2026 Construction

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LTE	Long Time Emergency - Typically 12 hours for summer. Enough time to go a full 24 hour load cycle
STE	Short Term Emergency - 30 Minutes
Firm	Firm capacity is defined as the total LTE rating of the remaining transformer(s) after the loss of the largest transformer.
LCC	Load Carrying Capacity