

SUB-TRANSMISSION POTENTIAL RELIABILITY ISSUES GROUPED BY LOCATION

Location	Year Needed (Projects needed in past listed as 2012 in this table)	90/10 Load Forecast for Year (MW)	Contingency	Reliability Concern	N-1 Criteria Violation	Affected DUs	Lead DU
Hartford	2022	1130	None	Low Voltage	Newbury	CVPS / GMP	CVPS
Hartford	2012	970	Transmission / Transformer	Low Voltage	Hartford area	CVPS / GMP	CVPS
Hartford	2014	1090	Transformer	Thermal	Taftsville - Quechee Tap	CVPS / GMP	CVPS
Hartford	2022	1130	Transformer	Thermal	Quechee Tap - Norwich Tap	CVPS / GMP	CVPS
Chelsea / Hartford	2012	<1065	Transmission / Transformer	Voltage collapse	Chelsea and Hartford areas	CVPS / GMP	CVPS
Chelsea	2022	1130	Transmission / Transformer	Delta Voltage	Chelsea area	CVPS / GMP	CVPS
Ascutney	2017	1100	Subtransmission	Low Voltage	Charlestown	CVPS / PSNH	CVPS
Ascutney	2017	1100	Subtransmission	Low Voltage	Joy / Maple Ave	CVPS / PSNH	CVPS
Ascutney	2017	1100	Subtransmission	Thermal	North Springfield Tap - Riverside Tap	CVPS / PSNH	CVPS
Ascutney	2012	<1065	Subtransmission	Thermal	Ascutney - Highbridge - Lafayette	CVPS / PSNH	CVPS
Ascutney	2015	1095	Subtransmission	Thermal	Lafayette - Joy	CVPS / PSNH	CVPS
Ascutney	2021	1125	Subtransmission	Thermal	Lafayette - Claremont Paper	CVPS / PSNH	CVPS
Ascutney	2012	1020	Transformer	Thermal	Ascutney	CVPS / PSNH	CVPS
Ascutney	2012	<1065	Subtransmission	Voltage collapse	Charlestown / Lafayette	CVPS / PSNH	CVPS
Blissville	2012	1020	Transformer	Low Voltage	Blissville area	CVPS	CVPS
Blissville	2012	<1065	Transformer	Thermal	Castleton - West Rutland	CVPS	CVPS
Blissville	2012	<1065	Transformer	Thermal	Hydeville - Blissville	CVPS	CVPS
Rutland	2012	1060	Transformer	Thermal	Cold River	CVPS	CVPS
Rutland	2012	1030	Transformer	Thermal	North Rutland	CVPS	CVPS
Rutland	2012	<1065	Transformer	Thermal	West Rutland - Proctor - Florence	CVPS	CVPS
Stowe	2022	1130	Transmission / Subtransmission	Low Voltage	Stowe	GMP / Stowe	GMP
Montpelier	2022	1130	Subtransmission	Low Voltage	Barre / North End	GMP	GMP
Montpelier	2012	<1065	Subtransmission	Thermal	Berlin - Mountain View Tap - Mountainview	GMP / WEC	GMP
Montpelier	2012	<1065	Subtransmission	Voltage collapse	South End / Websterville / Legare	GMP	GMP
Montpelier	2020	1120	Transmission	Thermal	Barre	GMP	GMP
St. Albans	2012	700	Transmission / Subtransmission / Transformer	Thermal / Voltage collapse	St. Albans / Fairfax area	CVPS / VEC	CVPS / VEC
St. Albans	2012	820	Transformer	Thermal	St. Albans	CVPS / VEC	CVPS
St. Albans	2012	<1065	Subtransmission	Thermal	Fairfax Falls - VEC11 - Husky Tap	CVPS / VEC	CVPS
St. Albans	2022	1130	Transmission / Transformer	Low Voltage	Underhill	CVPS / VEC	CVPS
Burlington	2012	840	Subtransmission / Transformer	Thermal	Gorge - McNeil 46Y1 Tap	GMP / BED	GMP
Burlington	2022	1130	Subtransmission / Transformer	Thermal	McNeil 46Y1 Tap - McNeil	GMP / BED	GMP