

Appendix B Planned Transmission Lines in Connecticut

| Planned/Proposed Transmission Lines in Connecticut | Utility | Length (miles) | Voltage (kV) | Estimated In Service Date |
|--|---------|-------------------|-----------------|---------------------------------|
| Manchester S/S, Manchester - Card S/S, Lebanon (circuit separation) | CL&P | 1.8 | 345 | 2011 |
| Manchester S/S, Manchester - Millstone S/S, Waterford (circuit separation) | CL&P | 1.8 | 345 | 2011 |
| Manchester S/S, Manchester - Meekville Jct., Manchester (circuit separation) | CL&P | 2.0 | 115 | 2013 |
| North Bloomfield S/S, Bloomfield - CT/MA Border, Granby (1) | CL&P | 8.7 | 115 | 2013 |
| North Bloomfield S/S, Bloomfield - CT/MA Border, Suffield (1) | CL&P | 11.9 | 115 | 2013 |
| North Bloomfield S/S, Bloomfield - CT/MA Border, Suffield (1) | CL&P | 11.9 | 115 | 2013 |
| North Bloomfield S/S, Bloomfield - CT/MA Border, Suffield (1) | CL&P | 11.5 | 345 | 2013 |
| Manchester S/S, Manchester - Meekville Jct., Manchester (circuit separation) | CL&P | 2.0 | 345 | 2013 |
| Millstone S/S, Waterford - Card S/S, Lebanon (partial circuit separation) | CL&P | 2.0 | 345 | 2013 |
| Millstone S/S, Waterford - Haddam/Beseck S/S', Haddam/Wallingford (partial circuit separation) | CL&P | 4.0 | 345 | 2013 |
| Millstone S/S, Waterford - Manchester S/S, Manchester (partial circuit separation) | CL&P | 4.0 | 345 | 2013 |
| Millstone S/S, Waterford - Montville S/S, Montville (partial circuit separation) | CL&P | 2.0 | 345 | 2013 |
| Naugatuck Valley Reliability Improvement Project (Shelton and Derby) | UI | | 115 | 2014 |
| Pequonnock Fault Duty Mitigation Project (Bridgeport) | UI | | 115 | 2015 |
| Card S/S, Lebanon - Lake Road S/S, Killingly (2) | CL&P | 29.3 | 345 | 2015 |
| Card S/S, Lebanon - Manchester S/S, Manchester (new) | CL&P | 1.0 | 345 | 2015 |
| Lake Road S/S, Killingly - CT/RI Border, Thompson (2) | CL&P | 7.6 | 345 | 2015 |
| Millstone S/S, Waterford - Manchester S/S, Manchester (new) | CL&P | 1.0 | 345 | 2015 |
| Frost Bridge S/S, Watertown - North Bloomfield, Bloomfield (3) | CL&P | 35.4 | 345 | 2016 |
| Manchester S/S, Manchester - East Hartford S/S, East Hartford (new) | CL&P | 3.2 | 115 | TBD |
| Frost Bridge S/S, Watertown - Stevenson S/S, Monroe (replace structures) | CL&P | 20.5 | 115 | TBD |
| (1) Related to Greater Springfield Reliability NEEWS Project | | | | |
| (2) Related to Interstate Reliability NEEWS project | | | | |
| (3) Related to Central Connecticut Reliability NEEWS project | | | | |