

## Appendix D - Inter-LCC Ties Operating at 115 kV and Above

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**TABLE 1 – REMVEC II - NEW HAMPSHIRE**

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
A253	Merrimack Autotransformer	230/115/kV

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
I135N	Bellows Falls - Monadnock Tap - Monadnock - Fitzwilliam	115kV
I135	Flagg Pond - Ashburnham - East Winchendon - Fitzwilliam	115kV
Q195	Moore - Littleton - Whitefield	115kV
Y151	Pelham - Power St	115kV

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
D204	Moore - Littleton Tap - Littleton - Comerford	230kV
326	Sandy Pond - Lawrence - Scobie Pond	345kV
394	Ward Hill - West Amesbury - Seabrook	345kV

**TABLE 2 – REMVEC II - VELCO**

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
F206	Comerford - Granite	230kV

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
K26	Wilder - Hartford	115kV
W149/K149	Bellows Falls - Ascutney - Slayton Hill	115kV
Q117/K4	Adams - Bennington	115kV

**TABLE 3 – NEW HAMPSHIRE - VELCO**

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
N186/K186	Chestnut Hill - Vernon Rd - Vernon_VT	115kV
K174	North Rd. - Ascutney	115kV
60/K60	Littleton - St. Johnsbury	115kV

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
379	Fitzwilliam - Vernon_VT	345kV

**TABLE 4 – NEW HAMPSHIRE - MAINE**

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
197	Three Rivers - Quaker Hill	115kV
K1214/214	Saco Valley - Lovell	115kV
250	Three Rivers - Maguire Rd	115kV

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
385	Deerfield - Buxton	345kV
391	Scobie - Buxton	345kV

**TABLE 5 – CONVEX - REMVEC II**

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
Y177	Montague - Sherman - Harriman	115kV
B128	Harriman - Montague - Barre - Treasure Valley – Webster -Millbury	115kV
F132	Doreen - Partridge - Adams	115kV
X176	Ludlow - Thorndike - Palmer	115kV
1870S	Shunock - Wood River	115kV

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
301/302	Ludlow - Carpenter Hill - Millbury	345kV
347	Killingly - Sherman Rd.	345kV

<b>TABLE 6 – CONVEX - VELCO</b>		
<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
381	Northfield Mt. - Vernon_VT	345kV

<b>TABLE 7 – NSTAR - REMVEC II</b>		
<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
349	Mystic - Wakefield Junction	345kV
338	Woburn - Tewksbury	345kV
323	W Medway - Millbury	345kV
357	W Medway - Millbury	345kV
3361	ANP Blackstone - Sherman Rd	345kV
3520	W Medway - ANP Bellingham	345kV
344	W Medway - Bridgewater	345kV
356	Carver - Bridgewater	345kV
342	Pilgrim - Canal - Auburn St	345kV
335	Holbrook - Auburn St	345kV

<b>Inter- LCC Tie ID</b>	<b>Inter- LCC Tie Element Description</b>	<b>Voltage</b>
211-503/M139	Woburn - Tewksbury	115kV
211-504/N140	Woburn - Tewksbury	115kV
423-515/O167	Mystic - Everett	115kV
128-518/P168	Chelsea - Revere	115kV
513-507/D156	W Framingham - Northboro Rd	115kV
451-536	Holbrook - Auburn St	115kV
517-532	Edgar - N. Quincy	115kV
517-533	Edgar - N. Quincy	115kV
201-501/D130	Medway - Milford - Depot St - Rocky Hill - Hopkinton- Millbury	115kV
D21	High Hill - Bell Rock	115kV
191	Kingston - Auburn St	115kV
194	Brook St – Auburn St	115kV

**OP 6 APPENDIX D REVISION HISTORY**

**Document History** (This Document History documents action taken on the equivalent NEPOOL Procedure prior to the RTO Operations Date as well revisions made to the ISO New England Procedure subsequent to the RTO Operations Date.)

<b>Rev. No.</b>	<b>Date</b>	<b>Reason</b>
Rev 1	07/22/98	
Rev 2	09/01/2002	
Rev 3	06/11/2004	
Rev 4	11/09/2004	
Rev 5	02/01/05	Updated to conform to RTO terminology
Rev 6	05/06/05	Update for initiation of VELCO Local Control Center
Rev 7	10/13/06	Changed designator to Appendix D due to termination of other Appendices
Rev 8	12/20/07	Updated for NSTAR Local Control Center status
Rev 9	03/09/10	Annual review by procedure owner; Reformatted by placing data in tables, changed font, and added a Table of Contents; Re-name title (replaced Local Control Center with LCC) Updated Table sub-titles and data
Rev 10	07/19/10	Update 381 and 379 terminals
Rev 11	02/09/12	Annual review by procedure owner Table 1: updated terminals on Q195, Table 3: updated terminals on K186 Table 5: updated terminals on Y177 and B128 Table 7: update terminals on 201-501/D130