

# 2015 CELT/RSP ISO-NE, State, Subarea, and Load Zone Annual Energy & Seasonal Peak Forecast 2015-2024

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*Planning Advisory Committee Meeting*

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# Agenda

- 2015 Energy Efficiency Forecast Summary
- 2015 CELT ISO-NE, States, Subarea and Load Zone Annual Energy and Seasonal Peak Forecast Tables
  - Summary
  - Detailed
- Tables Comparing 2015 CELT with 2014 CELT Forecast
  - ISO-NE and States 50/50 and 90/10 Summer Peak
- 2015 CELT ISO-NE Energy and Seasonal Peak Plots



# Highlights

- Compared to RSP14, the economic forecast shows less growth in 2013-2015, higher growth in 2016-2018, and the same growth for the remaining years
- The RSP15 forecast continues to use real gross domestic product (GDP) for energy forecasting, with federal efficiency standards subtracted from the energy forecast
- Updated economic and historical weather inputs have resulted in:
  - Gross Forecasts that are not materially different than in RSP14
- The Load Forecast Committee reviewed the ISO-NE and state forecasts without objection
- The only change in forecast methodology was to use the behind-the-meter-not-embedded-in-the-load-forecast portion of the PV forecast as a reduction to the load forecast
  - Lowers the summer peak and energy forecasts

# Presentation Notes

- Passive Demand Resources (PDR) have been updated to include information in the 2015 CELT Report
  - 2015-2018 FCM Existing Qualified and New Cleared Resources
  - 2019-2024 RSP15 Energy Efficiency Forecast
- In all tables and plots, PV is the behind-the-meter-not-embedded-in-the-load-forecast portion of the PV forecast
- When the forecast tables or plots are labeled CELT or GROSS it means the forecast before the PDR or PV have been netted out
- CELT and RSP are both used to designate the 2015 Load Forecast
- The RSP15 Energy Efficiency Forecast is posted at <http://www.iso-ne.com/system-planning/system-forecasting/energy-efficiency-forecast>
- The RSP15 PV Forecast, also included in the CELT Report, is posted at <http://www.iso-ne.com/committees/planning/distributed-generation>
- The 2015 CELT Report and Load Forecast supporting documentation will be posted at <http://www.iso-ne.com/system-planning/system-plans-studies/celt>

# 2015 ENERGY EFFICIENCY FORECAST

## 2015 Energy Efficiency Forecast

### TOTAL \$ spent on EE (thousands)

	ME	NH	VT	CT	RI	MA	ISO-NE
2019	34,891	34,817	56,230	233,621	80,753	556,987	997,299
2020	35,764	35,937	57,763	238,632	80,790	560,186	1,009,071
2021	36,658	36,994	60,572	243,403	80,896	563,311	1,021,833
2022	37,574	37,994	61,497	247,896	81,008	566,277	1,032,246
2023	38,513	38,951	63,124	252,169	81,104	569,128	1,042,989
2024	39,476	39,841	66,247	256,171	81,203	571,773	1,054,712
<b>TOTAL \$</b>	<b>222,876</b>	<b>224,534</b>	<b>365,433</b>	<b>1,471,892</b>	<b>485,754</b>	<b>3,387,662</b>	<b>6,158,150</b>
<b>AVERAGE</b>	<b>37,146</b>	<b>37,422</b>	<b>60,906</b>	<b>245,315</b>	<b>80,959</b>	<b>564,610</b>	<b>1,026,358</b>

### Energy savings (GWh)

	ME	NH	VT	CT	RI	MA	ISO-NE
2019	148	65	116	426	138	976	1,867
2020	141	62	111	404	128	913	1,759
2021	134	59	108	384	119	854	1,659
2022	128	57	102	364	111	799	1,560
2023	122	54	97	344	104	747	1,468
2024	117	52	95	325	96	698	1,382
<b>TOTAL</b>	<b>791</b>	<b>349</b>	<b>628</b>	<b>2,246</b>	<b>696</b>	<b>4,986</b>	<b>9,696</b>
<b>AVERAGE</b>	<b>132</b>	<b>58</b>	<b>105</b>	<b>374</b>	<b>116</b>	<b>831</b>	<b>1,616</b>

### Summer peak savings (MW)

	ME	NH	VT	CT	RI	MA	ISO-NE
2019	15	10	15	52	22	131	246
2020	15	9	15	49	20	123	231
2021	14	9	14	47	19	115	218
2022	13	9	14	44	18	108	205
2023	13	8	13	42	17	101	193
2024	12	8	13	39	15	94	181
<b>TOTAL</b>	<b>83</b>	<b>52</b>	<b>84</b>	<b>272</b>	<b>111</b>	<b>671</b>	<b>1,274</b>
<b>AVERAGE</b>	<b>14</b>	<b>9</b>	<b>14</b>	<b>45</b>	<b>19</b>	<b>112</b>	<b>212</b>

# 2015 CELT/RSP ISO-NE ENERGY & PEAK FORECAST: GROSS, PV, NET PV, PDR, NET PV & PDR

<b>2015 CELT/RSP Forecast for ISO-NE</b>									
	<b>50/50</b>	<b>90/10</b>		<b>50/50</b>	<b>90/10</b>		<b>50/50</b>	<b>90/10</b>	
	<b>CELT</b>	<b>CELT</b>	<b>PV</b>	<b>NET-PV</b>	<b>NET-PV</b>	<b>PDR</b>	<b>NET-PV-PDR</b>	<b>NET-PV-PDR</b>	
<b>Summer Peak (MW)</b>									
2015	28395	30745	145	28250	30600	1685	26565	28915	
2016	28910	31290	237	28673	31053	1839	26835	29215	
2017	29375	31790	309	29066	31481	2089	26976	29391	
2018	29825	32275	342	29483	31933	2306	27178	29628	
2019	30230	32710	369	29861	32341	2551	27310	29790	
2020	30575	33090	393	30182	32697	2782	27399	29914	
2021	30900	33450	413	30487	33037	3000	27487	30037	
2022	31230	33815	426	30804	33389	3205	27598	30183	
2023	31570	34185	439	31131	33746	3398	27733	30348	
2024	31905	34555	451	31454	34104	3579	27875	30525	
<b>CAGR</b>	<b>1.3</b>	<b>1.3</b>	<b>13.4</b>	<b>1.2</b>	<b>1.2</b>	<b>8.7</b>	<b>0.5</b>	<b>0.6</b>	
<b>Winter Peak (MW)</b>									
2015	22740	23400	0	22740	23400	1663	21077	21737	
2016	22920	23580	0	22920	23580	1652	21269	21929	
2017	23105	23765	0	23105	23765	1832	21273	21933	
2018	23280	23935	0	23280	23935	2171	21109	21764	
2019	23430	24085	0	23430	24085	2402	21028	21683	
2020	23570	24225	0	23570	24225	2619	20951	21606	
2021	23715	24370	0	23715	24370	2825	20890	21545	
2022	23865	24520	0	23865	24520	3018	20847	21502	
2023	24020	24680	0	24020	24680	3199	20821	21481	
2024	24175	24835	0	24175	24835	3370	20805	21465	
<b>CAGR</b>	<b>0.7</b>	<b>0.7</b>		<b>0.7</b>	<b>0.7</b>	<b>8.2</b>	<b>-0.1</b>	<b>-0.1</b>	
<b>Energy</b>									
2015	138745		591	138153		9980	128173		
2016	140440		855	139585		10940	128644		
2017	142200		1099	141101		11893	129208		
2018	143825		1208	142617		13271	129345		
2019	145230		1305	143925		15139	128786		
2020	146565		1384	145181		16898	128283		
2021	147920		1453	146467		18557	127910		
2022	149345		1508	147837		20117	127720		
2023	150815		1562	149253		21585	127668		
2024	152280		1614	150666		22967	127698		
<b>CAGR</b>	<b>1.0</b>		<b>11.8</b>	<b>1.0</b>		<b>9.7</b>	<b>0.0</b>		



# 2015 CELT/RSP SUMMARY TABLES

2105 CELT/RSP GROSS Forecast															
	ENERGY			SUMMER 50/50			SUMMER 90/10			WINTER 50/50			WINTER 90/10		
	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR
ISO-NE	138745	152280	1.0	28395	31905	1.3	30745	34555	1.3	22740	24175	0.7	23400	24835	0.7
CT	34430	37580	1.0	7450	8185	1.1	8135	8925	1.0	5770	6020	0.5	5940	6190	0.5
ME	12570	13480	0.8	2145	2325	0.9	2285	2485	0.9	1975	2035	0.3	2030	2095	0.4
MA	63825	70915	1.2	13125	15000	1.5	14155	16160	1.5	10400	11220	0.8	10695	11515	0.8
NH	12300	13595	1.1	2610	2995	1.5	2815	3250	1.6	2065	2230	0.9	2145	2310	0.8
RI	8875	9490	0.7	1965	2205	1.3	2210	2490	1.3	1435	1500	0.5	1480	1545	0.5
VT	6750	7210	0.7	1105	1190	0.8	1150	1245	0.9	1090	1165	0.7	1105	1180	0.7
BHE	1810	1945	0.8	310	335	0.9	330	355	0.8	285	295	0.4	295	305	0.4
ME	6020	6465	0.8	985	1070	0.9	1050	1140	0.9	985	1015	0.3	1015	1045	0.3
SME	4405	4720	0.8	780	850	1.0	835	905	0.9	665	685	0.3	680	705	0.4
NH	10595	11730	1.1	2230	2555	1.5	2400	2770	1.6	1765	1915	0.9	1835	1980	0.8
VT	7790	8405	0.8	1355	1485	1.0	1425	1565	1.0	1265	1365	0.8	1290	1390	0.8
Boston	28910	31445	0.9	6015	6705	1.2	6485	7225	1.2	4650	4940	0.7	4785	5070	0.6
CMA/NEMA	7760	9205	1.9	1595	1925	2.1	1720	2075	2.1	1280	1475	1.6	1315	1515	1.6
WMA	11230	12350	1.1	2225	2520	1.4	2400	2715	1.4	1890	2020	0.7	1945	2070	0.7
SEMA	14300	15830	1.1	2950	3410	1.6	3190	3685	1.6	2330	2470	0.7	2395	2535	0.6
RI	11965	13120	1.0	2605	2975	1.5	2890	3310	1.5	1925	2060	0.8	1985	2120	0.7
CT	16700	18135	0.9	3615	3950	1.0	3945	4310	1.0	2795	2905	0.4	2880	2985	0.4
SWCT	11165	12520	1.3	2415	2725	1.4	2635	2970	1.3	1875	2005	0.7	1935	2065	0.7
NOR	6095	6395	0.5	1320	1395	0.6	1440	1520	0.6	1015	1025	0.1	1045	1055	0.1
SEMA	17390	19460	1.3	3590	4180	1.7	3870	4505	1.7	2820	3030	0.8	2900	3110	0.8
WCMA	18375	20875	1.4	3705	4315	1.7	3995	4650	1.7	3060	3380	1.1	3145	3465	1.1
NMABO	28060	30575	1.0	5830	6500	1.2	6285	7005	1.2	4520	4810	0.7	4645	4940	0.7

2105 CELT/RSP GROSS net PV Forecast															
	ENERGY			SUMMER 50/50			SUMMER 90/10			WINTER 50/50			WINTER 90/10		
	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR
ISO-NE	138153	150666	1.0	28250	31454	1.2	30600	34104	1.2	22740	24175	0.7	23400	24835	0.7
CT	34283	36981	0.8	7418	8008	0.9	8103	8748	0.9	5770	6020	0.5	5940	6190	0.5
ME	12556	13446	0.8	2144	2319	0.9	2284	2479	0.9	1975	2035	0.3	2030	2095	0.4
MA	63502	70247	1.1	13047	14837	1.4	14077	15997	1.4	10400	11220	0.8	10695	11515	0.8
NH	12285	13549	1.1	2607	2982	1.5	2812	3237	1.6	2065	2230	0.9	2145	2310	0.8
RI	8871	9449	0.7	1964	2196	1.2	2209	2481	1.3	1435	1500	0.5	1480	1545	0.5
VT	6662	6983	0.5	1074	1108	0.3	1119	1163	0.4	1090	1165	0.7	1105	1180	0.7
BHE	1807	1938	0.8	310	334	0.8	330	354	0.8	285	295	0.4	295	305	0.4
ME	6013	6447	0.8	985	1067	0.9	1050	1137	0.9	985	1015	0.3	1015	1045	0.3
SME	4402	4712	0.8	780	849	0.9	835	904	0.9	665	685	0.3	680	705	0.4
NH	10579	11683	1.1	2226	2541	1.5	2396	2756	1.6	1765	1915	0.9	1835	1980	0.8
VT	7707	8189	0.7	1326	1407	0.7	1396	1487	0.7	1265	1365	0.8	1290	1390	0.8
Boston	28856	31334	0.9	6002	6678	1.2	6472	7198	1.2	4650	4940	0.7	4785	5070	0.6
CMA/NEMA	7707	9095	1.9	1582	1898	2.0	1707	2048	2.0	1280	1475	1.6	1315	1515	1.6
WMA	11129	12135	1.0	2200	2466	1.3	2375	2661	1.3	1890	2020	0.7	1945	2070	0.7
SEMA	14200	15619	1.1	2926	3358	1.5	3166	3633	1.5	2330	2470	0.7	2395	2535	0.6
RI	11939	13037	1.0	2599	2955	1.4	2884	3290	1.5	1925	2060	0.8	1985	2120	0.7
CT	16611	17774	0.8	3596	3843	0.7	3926	4203	0.8	2795	2905	0.4	2880	2985	0.4
SWCT	11121	12339	1.2	2406	2671	1.2	2626	2916	1.2	1875	2005	0.7	1935	2065	0.7
NOR	6083	6349	0.5	1317	1381	0.5	1437	1506	0.5	1015	1025	0.1	1045	1055	0.1
SEMA	17268	19207	1.2	3560	4118	1.6	3840	4443	1.6	2820	3030	0.8	2900	3110	0.8
WCMA	18224	20564	1.4	3669	4239	1.6	3959	4574	1.6	3060	3380	1.1	3145	3465	1.1
NMABO	28010	30471	0.9	5818	6475	1.2	6273	6980	1.2	4520	4810	0.7	4645	4940	0.7

2105 CELT/RSP GROSS net PV and PDR Forecast															
	ENERGY			SUMMER 50/50			SUMMER 90/10			WINTER 50/50			WINTER 90/10		
	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR
ISO-NE	128173	127698	0.0	26565	27875	0.5	28915	30525	0.6	21077	20805	-0.1	21737	21465	-0.1
CT	31729	32327	0.2	6998	7276	0.4	7683	8016	0.5	5358	5347	0.0	5528	5517	0.0
ME	11531	11434	-0.1	1987	2056	0.4	2127	2216	0.5	1820	1752	-0.4	1875	1812	-0.4
MA	59120	58229	-0.2	12287	12933	0.6	13317	14093	0.6	9648	9438	-0.2	9943	9733	-0.2
NH	11777	12614	0.8	2523	2827	1.3	2728	3082	1.4	1983	2104	0.7	2063	2184	0.6
RI	8151	7588	-0.8	1825	1881	0.3	2070	2166	0.5	1297	1194	-0.9	1342	1239	-0.9
VT	5871	5497	-0.7	950	898	-0.6	995	953	-0.5	967	967	0.0	982	982	0.0
BHE	1660	1649	-0.1	287	296	0.3	307	316	0.3	263	254	-0.4	273	264	-0.4
ME	5542	5523	0.0	912	946	0.4	977	1016	0.4	908	873	-0.4	938	903	-0.4
SME	4028	3978	-0.1	722	752	0.5	777	807	0.4	613	590	-0.4	628	610	-0.3
NH	10102	10794	0.7	2148	2398	1.2	2318	2613	1.3	1689	1797	0.7	1759	1862	0.6
VT	6911	6700	-0.3	1201	1194	-0.1	1271	1274	0.0	1142	1168	0.2	1167	1193	0.2
Boston	26845	25700	-0.5	5656	5794	0.3	6126	6314	0.3	4307	4096	-0.6	4442	4226	-0.6
CMA/NEMA	7140	7518	0.6	1484	1652	1.2	1609	1802	1.3	1187	1257	0.6	1222	1297	0.7
WMA	10309	10033	-0.3	2059	2139	0.4	2234	2334	0.5	1746	1717	-0.2	1801	1767	-0.2
SEMA	13300	13242	0.0	2766	2966	0.8	3006	3241	0.8	2169	2102	-0.3	2234	2167	-0.3
RI	11040	10676	-0.4	2429	2559	0.6	2714	2894	0.7	1759	1681	-0.5	1819	1741	-0.5
CT	15372	15527	0.1	3392	3490	0.3	3722	3850	0.4	2595	2580	-0.1	2680	2660	-0.1
SWCT	10294	10789	0.5	2269	2428	0.8	2489	2673	0.8	1741	1781	0.2	1801	1841	0.2
NOR	5631	5557	-0.1	1243	1257	0.1	1363	1382	0.2	942	910	-0.4	972	940	-0.4
SEMA	16190	16329	0.1	3370	3644	0.9	3650	3969	0.9	2632	2589	-0.2	2712	2669	-0.2
WCMA	16914	17026	0.1	3442	3688	0.8	3732	4023	0.8	2836	2880	0.2	2921	2965	0.2
NMABO	26016	24868	-0.5	5475	5596	0.2	5930	6101	0.3	4180	3970	-0.6	4305	4100	-0.5

2015 CELT/RSP PV and PDR Forecasts												
	PV	PV	PV	PV	PV	PV	PDR	PDR	PDR	PDR	PDR	PDR
	ENERGY (GWh)			SUMMER (MW)			ENERGY (GWh)			SUMMER (MW)		
	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR	2015	2024	CAGR
ISO-NE	591	1614	11.8	145	451	13.4	9980	22967	9.7	1685	3579	8.7
CT	147	599	16.9	32	177	21.1	2554	4655	6.9	420	732	6.4
ME	14	34	10.5	1	6	23.9	1025	2012	7.8	157	264	5.9
MA	323	668	8.4	78	163	8.5	4382	12018	11.9	760	1904	10.7
NH	15	46	13.3	3	13	17.9	508	936	7.0	84	155	7.0
RI	4	41	28.8	1	9	32.7	720	1860	11.1	139	315	9.5
VT	88	227	11.1	31	82	11.6	791	1486	7.3	124	210	6.0
BHE	3	7	10.5	0	1	23.9	147	289	7.8	23	38	5.9
ME	7	18	10.5	0	3	23.9	471	924	7.8	72	121	5.9
SME	3	8	10.6	0	1	23.9	374	734	7.8	57	96	5.9
NH	16	47	12.7	4	14	15.9	477	889	7.2	78	144	6.9
VT	83	216	11.2	29	78	11.7	796	1490	7.2	125	213	6.1
Boston	54	111	8.4	13	27	8.5	2011	5634	12.1	346	884	11.0
CMA/NEMA	53	110	8.5	13	27	8.7	567	1577	12.0	98	246	10.8
WMA	101	215	8.8	25	54	9.1	820	2103	11.0	141	327	9.8
SEMA	100	211	8.7	24	52	8.8	900	2377	11.4	160	392	10.5
RI	26	83	13.5	6	20	13.8	898	2362	11.3	170	397	9.9
CT	89	361	16.8	19	107	21.0	1239	2247	6.8	204	353	6.3
SWCT	44	181	17.1	9	54	21.4	828	1550	7.2	136	244	6.7
NOR	12	46	16.3	3	14	20.5	452	792	6.4	74	124	5.9
SEMA	122	253	8.4	30	62	8.5	1078	2878	11.5	190	474	10.7
WCMA	151	311	8.4	36	76	8.5	1310	3537	11.7	227	551	10.4
NMABO	50	104	8.4	12	25	8.5	1994	5603	12.2	343	879	11.0

# 2015 CELT/RSP SUMMER PEAK DETAILED TABLES

2015 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
<b>ISO-NE</b>								
%ISO-NE	100	100	100	100	100	100	100	100
2015	28395	30745	145	28250	30600	1685	26565	28915
2016	28910	31290	237	28673	31053	1839	26835	29215
2017	29375	31790	309	29066	31481	2089	26976	29391
2018	29825	32275	342	29483	31933	2306	27178	29628
2019	30230	32710	369	29861	32341	2551	27310	29790
2020	30575	33090	393	30182	32697	2782	27399	29914
2021	30900	33450	413	30487	33037	3000	27487	30037
2022	31230	33815	426	30804	33389	3205	27598	30183
2023	31570	34185	439	31131	33746	3398	27733	30348
2024	31905	34555	451	31454	34104	3579	27875	30525
%ISO-NE	100	100	100	100	100	100	100	100
CAGR	1.3	1.3	13.4	1.2	1.2	8.7	0.5	0.6
<b>CT</b>								
%ISO-NE	26.2	26.5	21.9	26.3	26.5	24.9	26.3	26.6
2015	7450	8135	32	7418	8103	420	6998	7683
2016	7570	8260	61	7509	8199	450	7059	7749
2017	7670	8370	86	7584	8284	421	7163	7863
2018	7770	8475	104	7666	8371	459	7207	7912
2019	7855	8565	120	7735	8445	511	7224	7934
2020	7925	8640	135	7790	8505	560	7230	7945
2021	7990	8710	149	7841	8561	607	7235	7955
2022	8055	8780	158	7897	8622	651	7246	7971
2023	8120	8850	168	7952	8682	692	7260	7990
2024	8185	8925	177	8008	8748	732	7276	8016
%ISO-NE	25.7	25.8	39.4	25.5	25.6	20.4	26.1	26.3
CAGR	1.1	1	21.1	0.9	0.9	6.4	0.4	0.5

2015 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
<b>ME</b>								
%ISO-NE	7.6	7.4	0.6	7.6	7.5	9.3	7.5	7.4
2015	2145	2285	1	2144	2284	157	1987	2127
2016	2170	2310	2	2168	2308	171	1997	2137
2017	2190	2335	2	2188	2333	184	2004	2149
2018	2215	2360	3	2212	2357	181	2032	2177
2019	2230	2380	3	2227	2377	196	2030	2180
2020	2250	2400	4	2246	2396	211	2035	2185
2021	2265	2420	4	2261	2416	225	2036	2191
2022	2285	2445	5	2280	2440	239	2042	2202
2023	2305	2465	5	2300	2460	251	2048	2208
2024	2325	2485	6	2319	2479	264	2056	2216
%ISO-NE	7.3	7.2	1.3	7.4	7.3	7.4	7.4	7.3
CAGR	0.9	0.9	23.9	0.9	0.9	5.9	0.4	0.5
<b>MA</b>								
%ISO-NE	46.2	46	53.9	46.2	46	45.1	46.3	46.1
2015	13125	14155	78	13047	14077	760	12287	13317
2016	13400	14440	120	13280	14320	842	12438	13478
2017	13650	14705	151	13499	14554	1077	12422	13477
2018	13895	14965	155	13740	14810	1233	12507	13577
2019	14115	15200	159	13956	15041	1364	12592	13677
2020	14300	15400	162	14138	15238	1487	12651	13751
2021	14475	15590	164	14311	15426	1602	12709	13824
2022	14650	15780	164	14486	15616	1710	12777	13907
2023	14825	15970	163	14662	15807	1810	12851	13996
2024	15000	16160	163	14837	15997	1904	12933	14093
%ISO-NE	47	46.8	36.2	47.2	46.9	53.2	46.4	46.2
CAGR	1.5	1.5	8.5	1.4	1.4	10.7	0.6	0.6



2015 CELT/RSP Forecast Detail									
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10	
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR	
<b>NH</b>									
%ISO-NE	9.2	9.2	2	9.2	9.2	5	9.5	9.4	
2015	2610	2815	3	2607	2812	84	2523	2728	
2016	2655	2865	5	2650	2860	86	2564	2774	
2017	2700	2920	6	2694	2914	97	2597	2817	
2018	2745	2970	8	2737	2962	102	2635	2860	
2019	2790	3015	8	2782	3007	112	2669	2894	
2020	2830	3065	10	2820	3055	122	2699	2934	
2021	2875	3110	11	2864	3099	131	2733	2968	
2022	2915	3155	12	2903	3143	139	2764	3004	
2023	2955	3200	12	2943	3188	147	2795	3040	
2024	2995	3250	13	2982	3237	155	2827	3082	
%ISO-NE	9.4	9.4	2.8	9.5	9.5	4.3	10.1	10.1	
CAGR	1.5	1.6	17.9	1.5	1.6	7	1.3	1.4	
<b>RI</b>									
%ISO-NE	6.9	7.2	0.5	7	7.2	8.3	6.9	7.2	
2015	1965	2210	1	1964	2209	139	1825	2070	
2016	2000	2250	2	1998	2248	153	1845	2095	
2017	2030	2285	3	2027	2282	179	1848	2103	
2018	2060	2320	4	2056	2316	204	1852	2112	
2019	2090	2355	6	2084	2349	226	1859	2124	
2020	2110	2380	8	2102	2372	246	1856	2126	
2021	2135	2405	9	2126	2396	265	1861	2131	
2022	2155	2435	9	2146	2426	283	1863	2143	
2023	2180	2460	10	2170	2450	299	1871	2151	
2024	2205	2490	9	2196	2481	315	1881	2166	
%ISO-NE	6.9	7.2	2.1	7	7.3	8.8	6.7	7.1	
CAGR	1.3	1.3	32.7	1.2	1.3	9.5	0.3	0.5	

2105 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
<b>VT</b>								
%ISO-NE	3.9	3.7	21.1	3.8	3.7	7.4	3.6	3.4
2015	1105	1150	31	1074	1119	124	950	995
2016	1115	1160	48	1067	1112	135	932	977
2017	1125	1175	61	1064	1114	132	932	982
2018	1135	1185	69	1066	1116	126	940	990
2019	1145	1195	73	1072	1122	142	930	980
2020	1155	1205	75	1080	1130	156	923	973
2021	1165	1215	77	1088	1138	171	917	967
2022	1175	1225	79	1096	1146	184	912	962
2023	1180	1235	80	1100	1155	197	902	957
2024	1190	1245	82	1108	1163	210	898	953
%ISO-NE	3.7	3.6	18.2	3.5	3.4	5.9	3.2	3.1
CAGR	0.8	0.9	11.6	0.3	0.4	6	-0.6	-0.5
<b>SUBAREAS:</b>								
<b>BHE</b>								
%ISO-NE	1.1	1.1	0.1	1.1	1.1	1.3	1.1	1.1
2015	310	330	0	310	330	23	287	307
2016	310	330	0	310	330	25	285	305
2017	315	335	0	315	335	26	288	308
2018	320	340	1	319	339	26	293	313
2019	320	340	1	319	339	28	291	311
2020	325	345	1	324	344	30	294	314
2021	325	350	1	324	349	32	292	317
2022	330	350	1	329	349	34	295	315
2023	330	355	1	329	354	36	293	318
2024	335	355	1	334	354	38	296	316
%ISO-NE	1	1	0.3	1.1	1	1.1	1.1	1
CAGR	0.9	0.8	23.9	0.8	0.8	5.9	0.3	0.3

2015 CELT/RSP Forecast Detail									
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10	
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR	
<b>ME</b>									
%ISO-NE	3.5	3.4	0.3	3.5	3.4	4.3	3.4	3.4	3.4
2015	985	1050	0	985	1050	72	912	977	
2016	995	1060	1	994	1059	79	915	980	
2017	1005	1070	1	1004	1069	85	919	984	
2018	1015	1085	1	1014	1084	83	931	1001	
2019	1025	1095	2	1023	1093	90	933	1003	
2020	1035	1100	2	1033	1098	97	936	1001	
2021	1040	1110	2	1038	1108	103	935	1005	
2022	1050	1125	2	1048	1123	110	938	1013	
2023	1060	1130	3	1057	1127	116	942	1012	
2024	1070	1140	3	1067	1137	121	946	1016	
%ISO-NE	3.4	3.3	0.7	3.4	3.3	3.4	3.4	3.3	
CAGR	0.9	0.9	23.9	0.9	0.9	5.9	0.4	0.4	
<b>SME</b>									
%ISO-NE	2.7	2.7	0.1	2.8	2.7	3.4	2.7	2.7	
2015	780	835	0	780	835	57	722	777	
2016	790	840	0	790	840	62	727	777	
2017	800	850	1	799	849	67	732	782	
2018	810	860	1	809	859	66	743	793	
2019	815	870	1	814	869	72	743	798	
2020	820	875	1	819	874	77	742	797	
2021	825	885	1	824	884	82	742	802	
2022	835	890	1	834	889	87	747	802	
2023	840	900	1	839	899	92	747	807	
2024	850	905	1	849	904	96	752	807	
%ISO-NE	2.7	2.6	0.3	2.7	2.6	2.7	2.7	2.6	
CAGR	1	0.9	23.9	0.9	0.9	5.9	0.5	0.4	

2015 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
<b>NH</b>								
%ISO-NE	7.9	7.8	2.5	7.9	7.8	4.7	8.1	8
2015	2230	2400	4	2226	2396	78	2148	2318
2016	2265	2445	6	2259	2439	81	2178	2358
2017	2305	2490	8	2297	2482	90	2207	2392
2018	2345	2535	9	2336	2526	94	2242	2432
2019	2380	2570	10	2370	2560	103	2267	2457
2020	2415	2615	11	2404	2604	112	2292	2492
2021	2455	2650	12	2443	2638	121	2322	2517
2022	2490	2690	13	2477	2677	129	2348	2548
2023	2520	2730	14	2506	2716	136	2370	2580
2024	2555	2770	14	2541	2756	144	2398	2613
%ISO-NE	8	8	3.1	8.1	8.1	4	8.6	8.6
CAGR	1.5	1.6	15.9	1.5	1.6	6.9	1.2	1.3
<b>VT</b>								
%ISO-NE	4.8	4.6	19.8	4.7	4.6	7.4	4.5	4.4
2015	1355	1425	29	1326	1396	125	1201	1271
2016	1370	1440	45	1325	1395	136	1189	1259
2017	1385	1460	58	1327	1402	134	1193	1268
2018	1400	1475	65	1335	1410	130	1206	1281
2019	1415	1490	69	1346	1421	145	1201	1276
2020	1430	1505	71	1359	1434	160	1199	1274
2021	1445	1520	73	1372	1447	174	1198	1273
2022	1460	1535	74	1386	1461	188	1198	1273
2023	1470	1550	76	1394	1474	201	1193	1273
2024	1485	1565	78	1407	1487	213	1194	1274
%ISO-NE	4.7	4.5	17.3	4.5	4.4	6	4.3	4.2
CAGR	1	1	11.7	0.7	0.7	6.1	-0.1	0

2015 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
<b>Boston</b>								
%ISO-NE	21.2	21.1	9	21.2	21.2	20.5	21.3	21.2
2015	6015	6485	13	6002	6472	346	5656	6126
2016	6125	6600	20	6105	6580	371	5734	6209
2017	6220	6700	25	6195	6675	500	5695	6175
2018	6315	6800	26	6289	6774	572	5717	6202
2019	6395	6890	27	6368	6863	633	5735	6230
2020	6465	6960	27	6438	6933	690	5748	6243
2021	6525	7025	27	6498	6998	744	5754	6254
2022	6585	7095	27	6558	7068	794	5764	6274
2023	6645	7160	27	6618	7133	840	5777	6292
2024	6705	7225	27	6678	7198	884	5794	6314
%ISO-NE	21	20.9	6	21.2	21.1	24.7	20.8	20.7
CAGR	1.2	1.2	8.5	1.2	1.2	11	0.3	0.3
<b>CMA/NEMA</b>								
%ISO-NE	5.6	5.6	8.8	5.6	5.6	5.8	5.6	5.6
2015	1595	1720	13	1582	1707	98	1484	1609
2016	1640	1765	20	1620	1745	115	1506	1631
2017	1680	1810	25	1655	1785	139	1516	1646
2018	1720	1855	25	1695	1830	156	1539	1674
2019	1760	1895	26	1734	1869	173	1561	1696
2020	1795	1930	27	1768	1903	189	1579	1714
2021	1825	1970	27	1798	1943	205	1593	1738
2022	1860	2005	27	1833	1978	219	1614	1759
2023	1895	2040	27	1868	2013	233	1635	1780
2024	1925	2075	27	1898	2048	246	1652	1802
%ISO-NE	6	6	6	6	6	6.9	5.9	5.9
CAGR	2.1	2.1	8.7	2	2	10.8	1.2	1.3

2015 CELT/RSP Forecast Detail									
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10	
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR	
<b>WMA</b>									
%ISO-NE	7.8	7.8	16.9	7.8	7.8	8.4	7.8	7.7	
2015	2225	2400	25	2200	2375	141	2059	2234	
2016	2270	2445	38	2232	2407	163	2069	2244	
2017	2310	2490	48	2262	2442	194	2068	2248	
2018	2350	2530	50	2300	2480	215	2085	2265	
2019	2385	2565	51	2334	2514	237	2097	2277	
2020	2415	2600	52	2363	2548	258	2105	2290	
2021	2440	2630	53	2387	2577	277	2110	2300	
2022	2465	2655	54	2411	2601	295	2116	2306	
2023	2495	2685	54	2441	2631	312	2130	2320	
2024	2520	2715	54	2466	2661	327	2139	2334	
%ISO-NE	7.9	7.9	12	7.8	7.8	9.1	7.7	7.6	
CAGR	1.4	1.4	9.1	1.3	1.3	9.8	0.4	0.5	
<b>SEMA</b>									
%ISO-NE	10.4	10.4	16.7	10.4	10.3	9.5	10.4	10.4	
2015	2950	3190	24	2926	3166	160	2766	3006	
2016	3015	3260	37	2978	3223	176	2802	3047	
2017	3075	3320	47	3028	3273	217	2812	3057	
2018	3135	3385	48	3087	3337	255	2831	3081	
2019	3185	3440	50	3135	3390	282	2853	3108	
2020	3235	3490	51	3184	3439	307	2877	3132	
2021	3275	3540	52	3223	3488	331	2892	3157	
2022	3320	3590	52	3268	3538	353	2915	3185	
2023	3365	3635	52	3313	3583	373	2940	3210	
2024	3410	3685	52	3358	3633	392	2966	3241	
%ISO-NE	10.7	10.7	11.4	10.7	10.7	11	10.6	10.6	
CAGR	1.6	1.6	8.8	1.5	1.5	10.5	0.8	0.8	

2015 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
RI								
%ISO-NE	9.2	9.4	4.2	9.2	9.4	10.1	9.1	9.4
2015	2605	2890	6	2599	2884	170	2429	2714
2016	2660	2950	10	2650	2940	187	2464	2754
2017	2705	3000	13	2692	2987	222	2470	2765
2018	2750	3055	15	2735	3040	255	2480	2785
2019	2795	3105	16	2779	3089	283	2496	2806
2020	2830	3145	18	2812	3127	309	2503	2818
2021	2870	3185	19	2851	3166	333	2518	2833
2022	2900	3230	20	2880	3210	356	2525	2855
2023	2940	3265	20	2920	3245	377	2543	2868
2024	2975	3310	20	2955	3290	397	2559	2894
%ISO-NE	9.3	9.6	4.4	9.4	9.6	11.1	9.2	9.5
CAGR	1.5	1.5	13.8	1.4	1.5	9.9	0.6	0.7
CT								
%ISO-NE	12.7	12.8	13.2	12.7	12.8	12.1	12.8	12.9
2015	3615	3945	19	3596	3926	204	3392	3722
2016	3670	4005	37	3633	3968	218	3415	3750
2017	3715	4055	52	3663	4003	204	3459	3799
2018	3765	4105	63	3702	4042	222	3480	3820
2019	3805	4145	72	3733	4073	247	3485	3825
2020	3835	4180	81	3754	4099	271	3483	3828
2021	3865	4210	90	3775	4120	293	3482	3827
2022	3895	4245	95	3800	4150	314	3485	3835
2023	3925	4275	101	3824	4174	334	3489	3839
2024	3950	4310	107	3843	4203	353	3490	3850
%ISO-NE	12.4	12.5	23.7	12.2	12.3	9.9	12.5	12.6
CAGR	1	1	21	0.7	0.8	6.3	0.3	0.4

2105 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
<b>SWCT</b>								
%ISO-NE	8.5	8.6	6.5	8.5	8.6	8.1	8.5	8.6
2015	2415	2635	9	2406	2626	136	2269	2489
2016	2460	2685	18	2442	2667	146	2296	2521
2017	2500	2730	26	2474	2704	137	2337	2567
2018	2540	2770	31	2509	2739	150	2359	2589
2019	2575	2810	36	2539	2774	168	2372	2607
2020	2605	2845	41	2564	2804	184	2380	2620
2021	2635	2875	45	2590	2830	200	2390	2630
2022	2665	2905	48	2617	2857	215	2402	2642
2023	2695	2940	51	2644	2889	230	2414	2659
2024	2725	2970	54	2671	2916	244	2428	2673
%ISO-NE	8.5	8.6	11.9	8.5	8.6	6.8	8.7	8.8
CAGR	1.4	1.3	21.4	1.2	1.2	6.7	0.8	0.8
<b>NOR</b>								
%ISO-NE	4.6	4.7	1.7	4.7	4.7	4.4	4.7	4.7
2015	1320	1440	3	1317	1437	74	1243	1363
2016	1335	1455	5	1330	1450	79	1251	1371
2017	1345	1470	7	1338	1463	74	1264	1389
2018	1360	1480	8	1352	1472	80	1272	1392
2019	1365	1490	10	1355	1480	89	1267	1392
2020	1375	1495	10	1365	1485	97	1268	1388
2021	1380	1500	11	1369	1489	105	1264	1384
2022	1385	1505	12	1373	1493	112	1261	1381
2023	1390	1510	13	1377	1497	118	1259	1379
2024	1395	1520	14	1381	1506	124	1257	1382
%ISO-NE	4.4	4.4	3	4.4	4.4	3.5	4.5	4.5
CAGR	0.6	0.6	20.5	0.5	0.5	5.9	0.1	0.2



2015 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
<b>LOAD ZONES (CT,ME,NH,RI,VT ARE THE LOAD ZONES)</b>								
<b>SEMA</b>								
%ISO-NE	12.6	12.6	20.4	12.6	12.6	11.3	12.7	12.6
2015	3590	3870	30	3560	3840	190	3370	3650
2016	3675	3960	45	3630	3915	209	3420	3705
2017	3750	4040	57	3693	3983	259	3434	3724
2018	3825	4120	59	3766	4061	307	3459	3754
2019	3895	4195	60	3835	4135	340	3495	3795
2020	3955	4255	61	3894	4194	370	3524	3824
2021	4010	4320	62	3948	4258	399	3549	3859
2022	4065	4380	62	4003	4318	426	3577	3892
2023	4125	4445	62	4063	4383	451	3613	3933
2024	4180	4505	62	4118	4443	474	3644	3969
%ISO-NE	13.1	13	13.7	13.1	13	13.2	13.1	13
CAGR	1.7	1.7	8.5	1.6	1.6	10.7	0.9	0.9
<b>WCMA</b>								
%ISO-NE	13	13	25.1	13	12.9	13.5	13	12.9
2015	3705	3995	36	3669	3959	227	3442	3732
2016	3790	4085	56	3734	4029	264	3470	3765
2017	3870	4170	70	3800	4100	321	3479	3779
2018	3950	4250	72	3878	4178	357	3521	3821
2019	4020	4330	74	3946	4256	395	3551	3861
2020	4080	4395	75	4005	4320	431	3574	3889
2021	4140	4460	76	4064	4384	464	3600	3920
2022	4200	4520	76	4124	4444	495	3629	3949
2023	4255	4585	76	4179	4509	524	3655	3985
2024	4315	4650	76	4239	4574	551	3688	4023
%ISO-NE	13.5	13.5	16.9	13.5	13.4	15.4	13.2	13.2
CAGR	1.7	1.7	8.5	1.6	1.6	10.4	0.8	0.8

2015 CELT/RSP Forecast Detail								
SUMMER PEAK	50/50	90/10		50/50	90/10		50/50	90/10
	CELT	CELT	PV	NET-PV	NET-PV	PDR	NET-PV-PDR	NET-PV-PDR
<b>NMABO</b>								
%ISO-NE	20.5	20.4	8.4	20.6	20.5	20.3	20.6	20.5
2015	5830	6285	12	5818	6273	343	5475	5930
2016	5935	6395	19	5916	6376	368	5548	6008
2017	6030	6495	23	6007	6472	497	5510	5975
2018	6120	6595	24	6096	6571	569	5527	6002
2019	6200	6680	25	6175	6655	630	5546	6026
2020	6265	6750	25	6240	6725	686	5554	6039
2021	6325	6815	25	6300	6790	739	5560	6050
2022	6385	6880	25	6360	6855	789	5571	6066
2023	6445	6940	25	6420	6915	835	5584	6079
2024	6500	7005	25	6475	6980	879	5596	6101
%ISO-NE	20.4	20.3	5.6	20.6	20.5	24.6	20.1	20
CAGR	1.2	1.2	8.5	1.2	1.2	11	0.2	0.3

# 2015 CELT/RSP ISO-NE DIFFERENCE TABLES

2015RSP and 2014RSP Forecast Comparisons										
	2015	2016	2017	2018	2019	2020	2021	2022	2023	CAGR
<b>50/50 Summer Peak Forecast (MW)</b>										
2015RSP Gross	28395	28910	29375	29825	30230	30575	30900	31230	31570	1.3
2014RSP Gross	28615	29130	29610	30005	30335	30675	30990	31315	31620	1.3
Difference	-220	-220	-235	-180	-105	-100	-90	-85	-50	
<b>2015RSP Net PDR and PV</b>										
2015RSP Net PDR and PV	26565	26835	26976	27178	27310	27399	27487	27598	27733	0.5
2014RSP Net PDR	26930	27291	27521	27677	27782	27911	28028	28167	28298	0.6
Difference	-365	-456	-545	-499	-472	-512	-541	-569	-565	
<b>90/10 Summer Peak Forecast (MW)</b>										
2015RSP Gross	30745	31290	31790	32275	32710	33090	33450	33815	34185	1.3
2014RSP Gross	30950	31495	32005	32430	32790	33160	33505	33865	34195	1.3
Difference	-205	-205	-215	-155	-80	-70	-55	-50	-10	
<b>2015RSP Net PDR and PV</b>										
2015RSP Net PDR and PV	28915	29215	29391	29628	29790	29914	30037	30183	30348	0.6
2014RSP Net PDR	29265	29656	29916	30102	30237	30396	30543	30717	30873	0.7
Difference	-350	-441	-525	-474	-447	-482	-506	-534	-525	

2015RSP and 2014RSP Forecast Comparisons										
	2015	2016	2017	2018	2019	2020	2021	2022	2023	CAGR
<b>Annual Energy Forecast (GWh)</b>										
2015RSP Gross	138745	140440	142200	143825	145230	146565	147920	149345	150815	1.0
2014RSP Gross	140430	142335	143985	145385	146620	147830	149055	150295	151525	1.0
Difference	-1685	-1895	-1785	-1560	-1390	-1265	-1135	-950	-710	
2015RSP Net PDR and PV	128173	128644	129208	129345	128786	128283	127910	127720	127668	0.0
2014RSP Net PDR	130475	131425	132123	131759	131335	130986	130749	130616	130558	0.0
Difference	-2302	-2781	-2915	-2414	-2549	-2703	-2839	-2896	-2890	

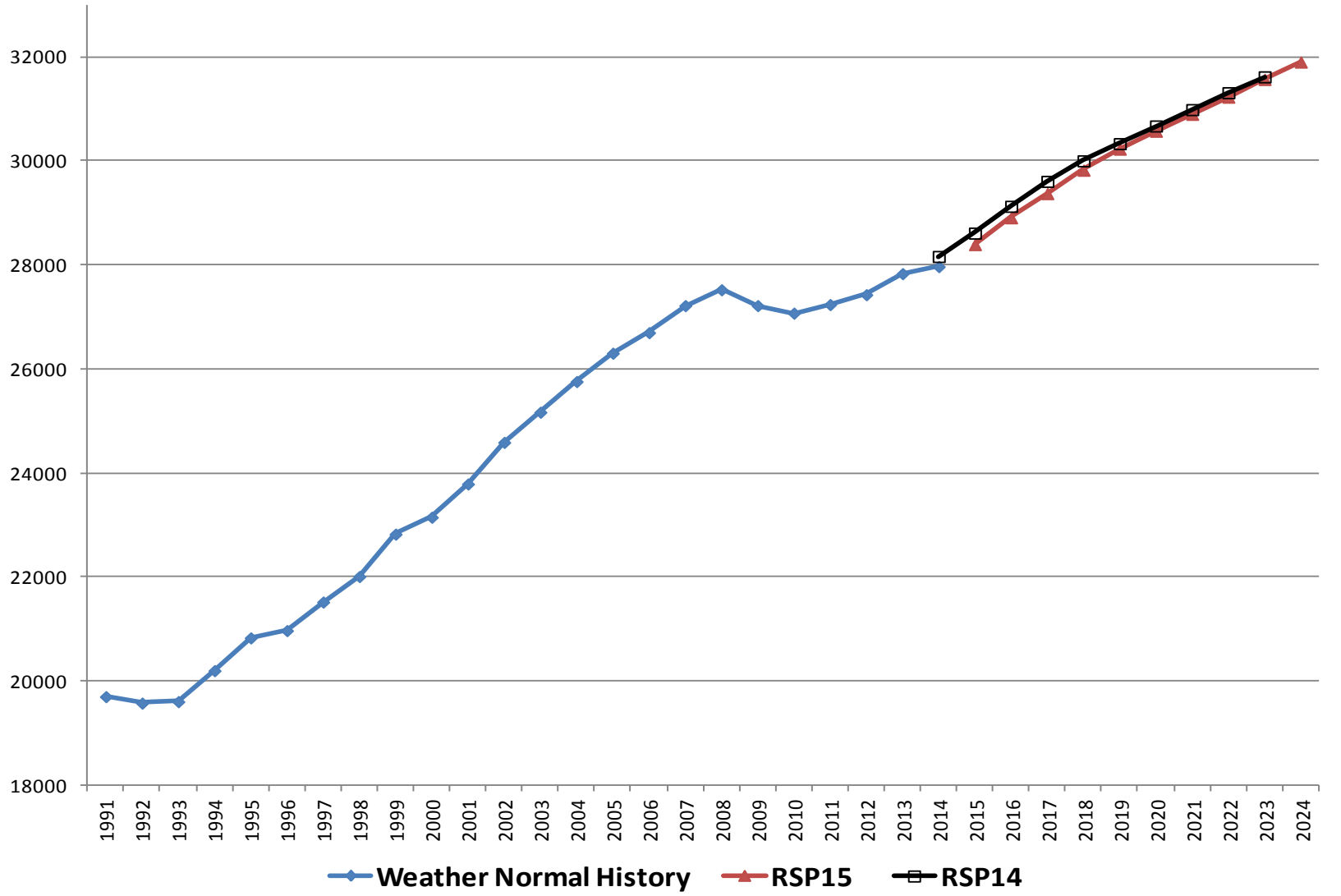
<b>2015RSP and 2014RSP Forecast Comparisons</b>										
	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>CAGR</b>
<b>50/50 Winter Peak Forecast (MW)</b>										
<b>2015RSP Gross</b>	<b>22740</b>	<b>22920</b>	<b>23105</b>	<b>23280</b>	<b>23430</b>	<b>23570</b>	<b>23715</b>	<b>23865</b>	<b>24020</b>	<b>0.7</b>
<b>2014RSP Gross</b>	<b>22755</b>	<b>22925</b>	<b>23070</b>	<b>23195</b>	<b>23300</b>	<b>23410</b>	<b>23515</b>	<b>23625</b>	<b>23735</b>	<b>0.5</b>
<b>Difference</b>	<b>-15</b>	<b>-5</b>	<b>35</b>	<b>85</b>	<b>130</b>	<b>160</b>	<b>200</b>	<b>240</b>	<b>285</b>	
<b>2015RSP Net PDR and PV</b>										
<b>2015RSP Net PDR and PV</b>	<b>21077</b>	<b>21269</b>	<b>21273</b>	<b>21109</b>	<b>21028</b>	<b>20951</b>	<b>20890</b>	<b>20847</b>	<b>20821</b>	<b>-0.2</b>
<b>2014RSP Net PDR</b>	<b>21092</b>	<b>21274</b>	<b>21238</b>	<b>21153</b>	<b>21062</b>	<b>20986</b>	<b>20918</b>	<b>20865</b>	<b>20822</b>	<b>-0.2</b>
<b>Difference</b>	<b>-15</b>	<b>-5</b>	<b>35</b>	<b>-44</b>	<b>-34</b>	<b>-35</b>	<b>-28</b>	<b>-18</b>	<b>-1</b>	
<b>90/10 Winter Peak Forecast (MW)</b>										
<b>2015RSP Gross</b>	<b>23400</b>	<b>23580</b>	<b>23765</b>	<b>23935</b>	<b>24085</b>	<b>24225</b>	<b>24370</b>	<b>24520</b>	<b>24680</b>	<b>0.7</b>
<b>2014RSP Gross</b>	<b>23505</b>	<b>23670</b>	<b>23815</b>	<b>23940</b>	<b>24050</b>	<b>24155</b>	<b>24265</b>	<b>24375</b>	<b>24480</b>	<b>0.5</b>
<b>Difference</b>	<b>-105</b>	<b>-90</b>	<b>-50</b>	<b>-5</b>	<b>35</b>	<b>70</b>	<b>105</b>	<b>145</b>	<b>200</b>	
<b>2015RSP Net PDR and PV</b>										
<b>2015RSP Net PDR and PV</b>	<b>21737</b>	<b>21929</b>	<b>21933</b>	<b>21764</b>	<b>21683</b>	<b>21606</b>	<b>21545</b>	<b>21502</b>	<b>21481</b>	<b>-0.1</b>
<b>2014RSP Net PDR</b>	<b>21842</b>	<b>22019</b>	<b>21983</b>	<b>21898</b>	<b>21812</b>	<b>21731</b>	<b>21668</b>	<b>21615</b>	<b>21567</b>	<b>-0.2</b>
<b>Difference</b>	<b>-105</b>	<b>-90</b>	<b>-50</b>	<b>-134</b>	<b>-129</b>	<b>-125</b>	<b>-123</b>	<b>-113</b>	<b>-86</b>	

# ISO-NE ENERGY AND SEASONAL PEAK PLOTS

- 2014 CELT and 2015 CELT
- 2015 CELT, Net of PV, and Net of PDR & PV

# ISO-NE 50/50 Summer Peak (MW)

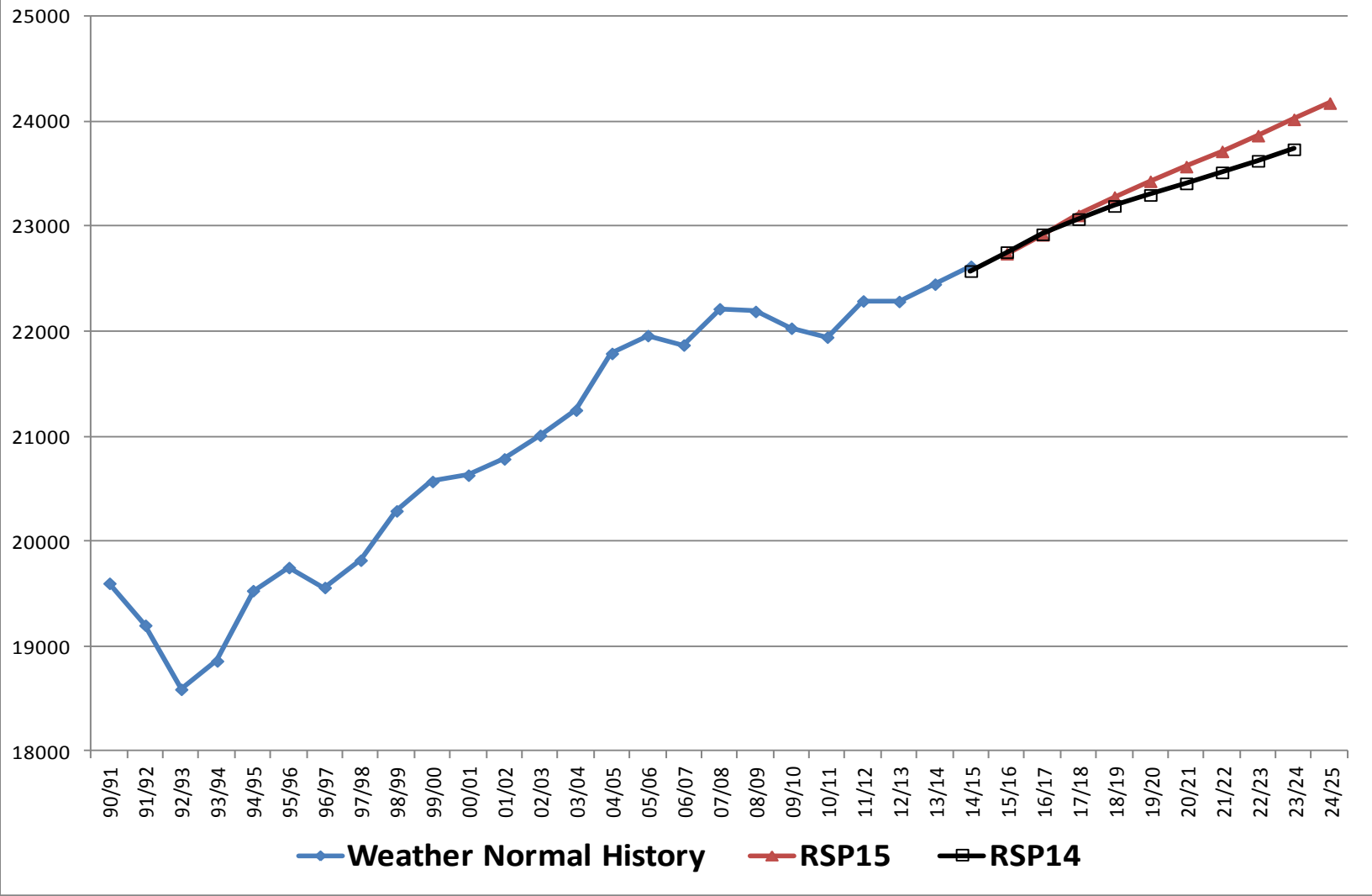
History 1991-2014
2014RSP 2014-2023
2015RSP 2015-2024





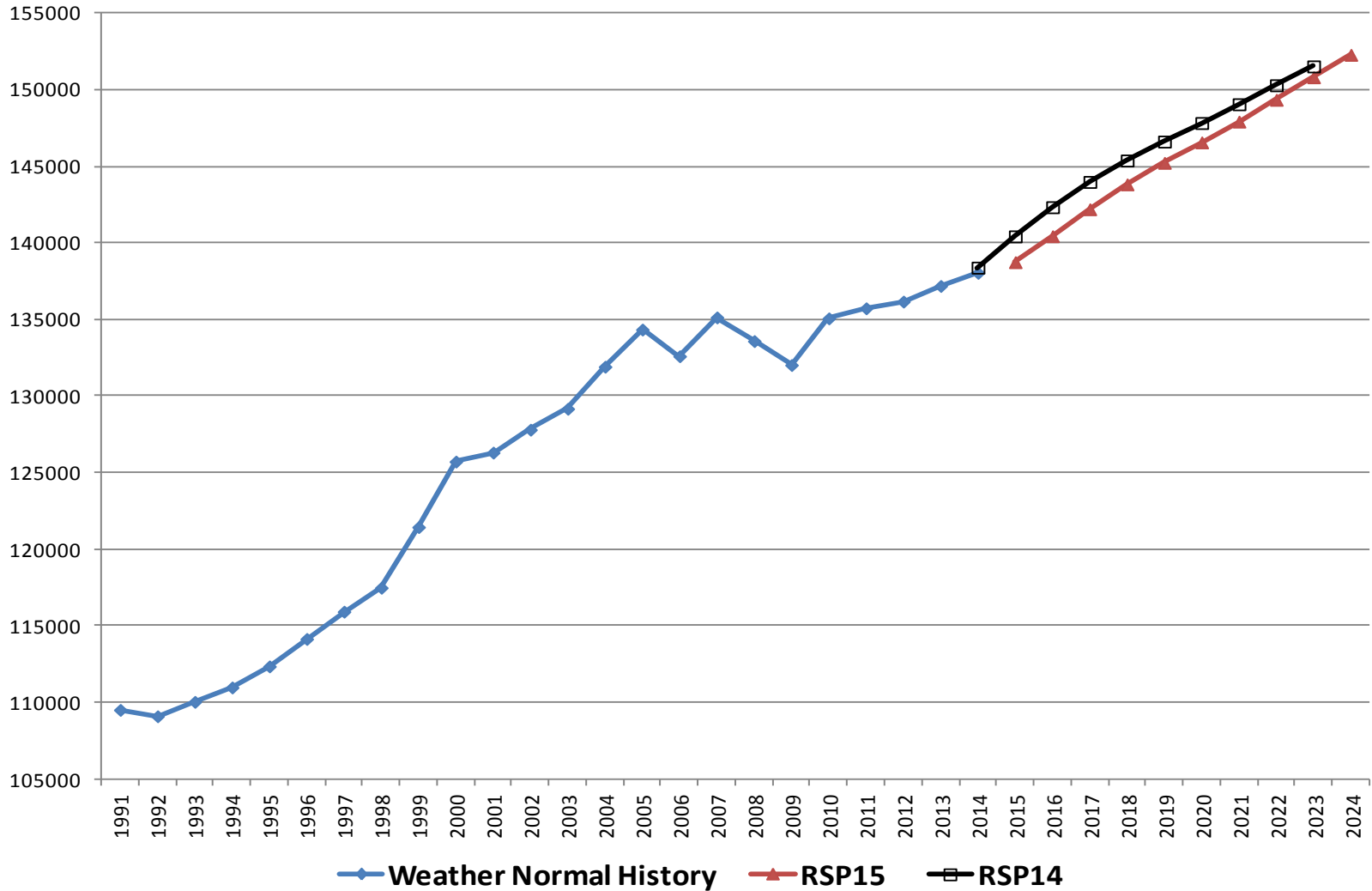
# ISO-NE 50/50 Winter Peak (MW)

History 1991-2014
2014RSP 2014-2023
2015RSP 2015-2024

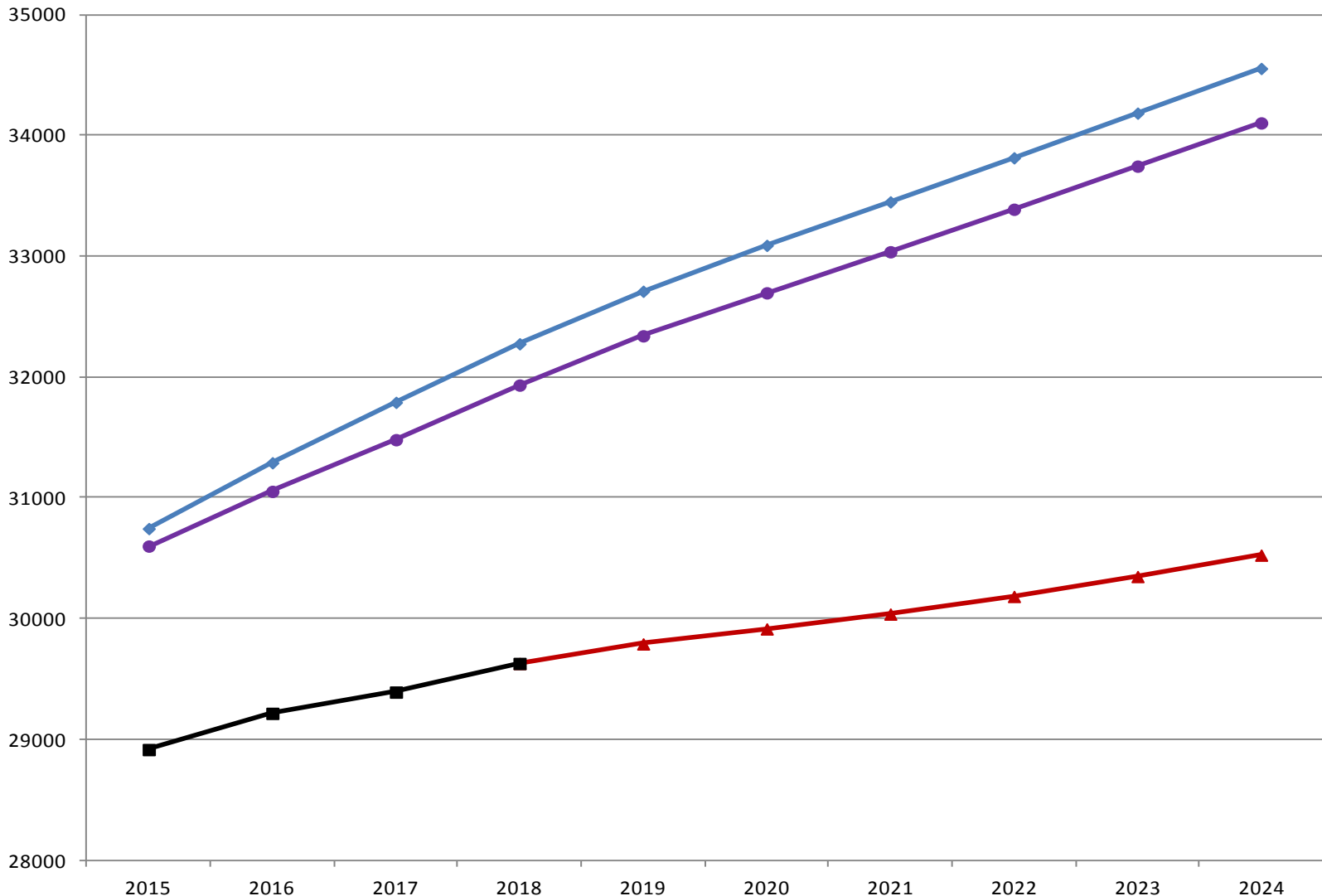


# ISO-NE Annual Energy (GWh)

History 1991-2014    2014RSP 2014-2023    2015RSP 2015-2024

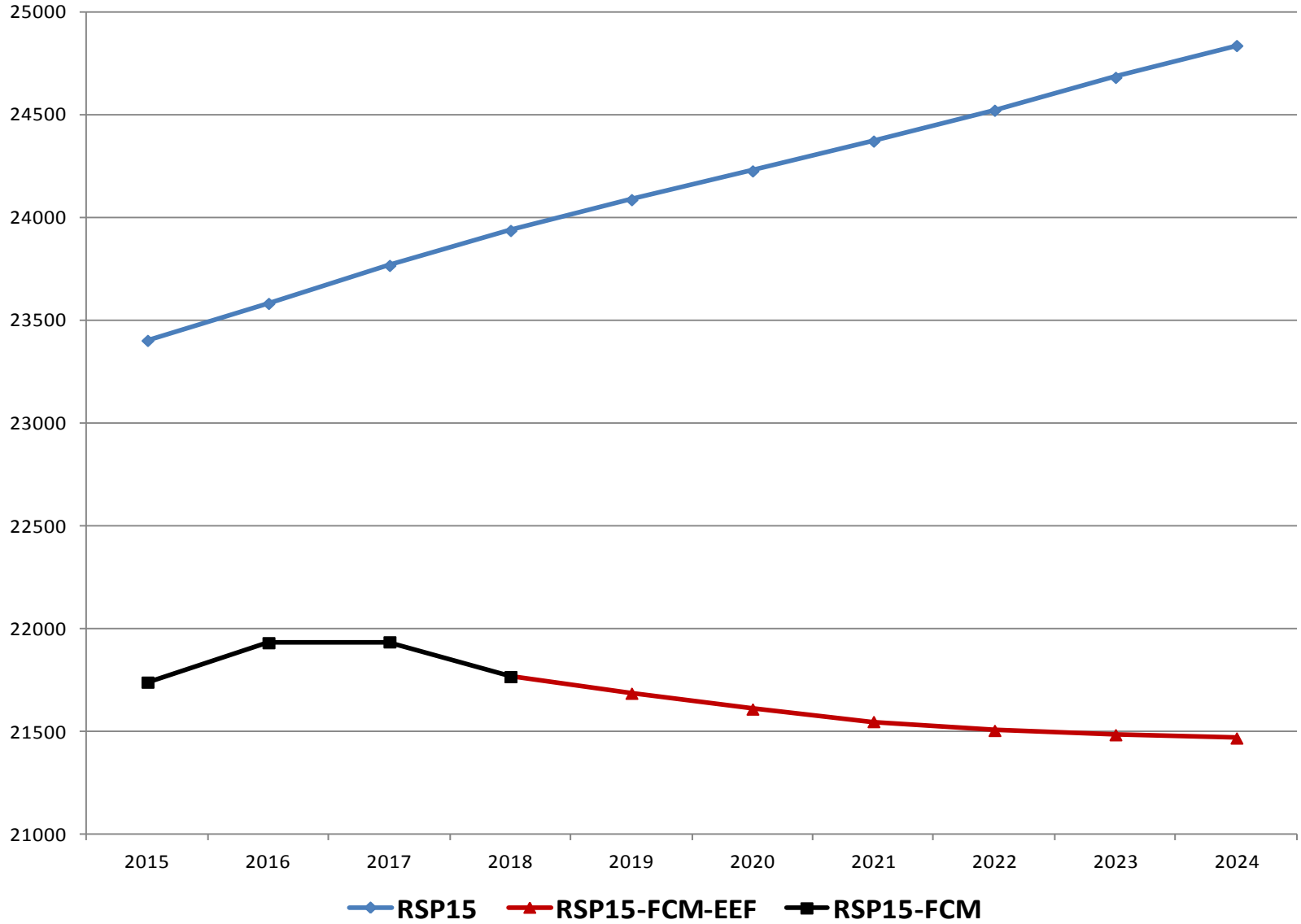


# ISO-NE 90/10 Summer Peak: RSP15 Forecast (MW)



—◆— RSP15    —●— RSP15-PV    —▲— RSP15-PV-FCM-EEF    —■— RSP15-PV-FCM

# ISO-NE 90/10 Winter Peak: RSP15 Forecast (MW)



# ISO-NE Annual Energy: RSP15 Forecast (GWh)

