

## RTO/ISO INFORMATION – AT A GLANCE

RTO/ISO NAME <sup>i</sup>	Operates in All or Parts of the Following US States and/or Canadian Provinces	Approx. Population (Millions)	Capacity (in MW)	Miles of Transmission Lines					TOTAL Miles of Line
				Less than 230 KV <sup>ii</sup>	230 KV	345 KV	500 KV	765 KV	
<a href="#">Alberta Electric System Operator (AESO)</a>	Alberta	4	12,163	8,976	4,714 <sup>iii</sup>		198		13,888
<a href="#">California ISO (CAISO)</a>	California and Northern Mexico	30	57,124 <sup>iv</sup>	13,668	8,627		3103		25,398
<a href="#">Electric Reliability Council of Texas (ERCOT)</a>	Texas	22	88,227 <sup>v</sup>	31,410		8,917			40,327
<a href="#">ISO New England (ISO-NE)</a>	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont	14	33,700 <sup>vi</sup>	5,603	443	2,084			8,130
<a href="#">Midwest Independent System Operator</a>	Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Montana, North Dakota, Ohio, South Dakota, Pennsylvania, Wisconsin, and Manitoba	40	159,900 <sup>vii</sup>	35,557	3,541 <sup>viii</sup>	10,695	442		50,235 <sup>ix</sup>
<a href="#">New Brunswick System Operator (NBSO)</a>	New Brunswick, Nova Scotia, Prince Edward Island, and Maine	2	7,000	5,800	1,100	1,100			8,000
<a href="#">New York ISO (NYISO)</a>	New York	19	40,685 <sup>x</sup>	6,772 <sup>xi</sup>	1,080	2,815	71 <sup>xii</sup>	155	10,893 <sup>xiii</sup>
<a href="#">PJM</a>	Delaware, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia and the District of Columbia	51	164,895	36,789	7,228	2,901	7,366	2,215	56,499
<a href="#">Ontario's Independent Electric System Operator (IESO)</a>	Ontario	13	35,338 <sup>xiv</sup>	6,959	8,836	4	2,361		18,160
<a href="#">Southwest Power Pool (SPP)</a>	Arkansas, Kansas, Louisiana, Missouri, Nebraska, New Mexico, Oklahoma, and Texas	5	63,000	36,664	3,531	6,620	106		46,921
<b>TOTALS</b>	<b>3 Countries 36 US States<sup>xv</sup> 6 Canadian Provinces</b>	<b>200</b>	<b>662,032</b>	<b>188,198</b>	<b>39,100</b>	<b>35,136</b>	<b>13,647</b>	<b>2,370</b>	<b>278,451</b>

<sup>i</sup> Information provided by RTO's and ISO's, June 2009.

## RTO/ISO INFORMATION – AT A GLANCE

---

- <sup>ii</sup> Lines with voltages that include, but are not limited to 69, 115, 138 and 161 KV.
- <sup>iii</sup> Includes 240 KV
- <sup>iv</sup> Includes approximately 2,100 MW of demand response
- <sup>v</sup> Includes approximately 1,100 MW of demand response
- <sup>vi</sup> Includes approximately 1,900 MW of demand response
- <sup>vii</sup> Represents capacity within reliability footprint
- <sup>viii</sup> Includes 220 KV
- <sup>ix</sup> Represents lines within market footprint
- <sup>x</sup> Includes approximately 2,100 MW of demand response
- <sup>xi</sup> Includes 24 miles of 150 KV underground DC lines
- <sup>xii</sup> Includes 66 miles of 500 KV underground DC lines
- <sup>xiii</sup> Includes 90 miles of underground DC lines (24 miles of 150 KV DC and 66 miles of 500 KV DC)
- <sup>xiv</sup> Includes generation and demand response
- <sup>xv</sup> Includes District of Columbia