

# Electric Reliability Risk Index

Electric Reliability Risk Index = (Percent Net Electricity Imports) + (Percent Generation Using Imported Natural Gas)

Risk Rank	State	Electricity Consumed in 2020 (GW Hour)	Electricity Energy Sources & Imports (Exports) Total to 100%						Imported Gas Risk Factors			Electric Reliability Risk Index (ERRI)
			Coal	Nuclear	Hydroelectric & Geothermal	Wind & Solar	Natural Gas	All Other Energy Sources	Net Electricity Imports (Exports)	Percent of Natural Gas Imported	Electricity Generation Using Imported Natural Gas	
1	Delaware	10,895	1%	0%	0%	1%	44%	2%	52%	100%	44%	96%
2	Massachusetts	49,455	0%	0%	1%	3%	29%	4%	63%	100%	29%	92%
3	Rhode Island	7,318	0%	0%	0%	6%	113%	3%	-22%	100%	113%	92%
4	Florida	237,607	7%	12%	0%	3%	80%	4%	-6%	100%	80%	74%
5	Mississippi	47,358	10%	14%	0%	1%	113%	3%	-40%	95%	108%	67%
6	Nevada	38,079	5%	0%	15%	15%	70%	0%	-6%	100%	70%	64%
7	Maryland	57,533	6%	26%	3%	2%	24%	1%	37%	100%	24%	62%
8	Vermont	5,295	0%	0%	21%	11%	0%	9%	59%	100%	0%	59%
9	New Jersey	71,364	1%	37%	0%	2%	43%	2%	14%	100%	43%	57%
10	Virginia	115,585	3%	26%	1%	1%	54%	4%	11%	85%	46%	57%
11	California	247,752	0%	7%	13%	18%	37%	3%	22%	92%	34%	56%
12	Georgia	133,241	10%	25%	3%	3%	44%	5%	10%	100%	44%	54%
13	New York	139,203	0%	28%	21%	4%	38%	2%	7%	99%	38%	45%
14	Idaho	24,247	0%	0%	40%	14%	17%	2%	27%	100%	17%	44%
15	Wisconsin	67,544	35%	14%	4%	3%	33%	2%	9%	100%	33%	42%
16	Indiana	93,348	51%	0%	0%	7%	34%	4%	4%	99%	34%	38%
17	North Carolina	130,303	16%	32%	6%	7%	32%	2%	5%	100%	32%	36%
18	Connecticut	27,013	0%	58%	1%	1%	87%	5%	-52%	100%	87%	35%
19	Tennessee	94,596	15%	39%	13%	0%	17%	1%	15%	99%	16%	31%
20	Minnesota	62,448	22%	24%	2%	22%	19%	2%	10%	100%	19%	28%
21	Arizona	81,521	17%	39%	8%	8%	62%	0%	-34%	100%	62%	28%
22	Maine	11,212	0%	0%	28%	22%	17%	22%	11%	100%	17%	28%
23	Kentucky	70,319	62%	0%	7%	0%	20%	1%	10%	79%	16%	26%
24	Michigan	96,163	29%	32%	1%	7%	38%	4%	-11%	93%	35%	24%
25	Ohio	139,980	32%	13%	0%	2%	37%	2%	13%	0%	0%	13%
26	Missouri	74,436	69%	10%	2%	5%	10%	0%	3%	100%	10%	13%
27	Oregon	47,627	3%	0%	67%	21%	40%	2%	-34%	100%	40%	6%
28	Colorado	56,375	35%	0%	3%	26%	32%	0%	5%	0%	0%	5%
29	South Carolina	76,765	16%	71%	4%	2%	32%	3%	-28%	100%	32%	3%
30	Alaska	5,926	12%	0%	28%	2%	45%	17%	-4%	11%	5%	1%
31	Hawaii	8,713	13%	0%	1%	12%	0%	77%	-4%	100%	0%	-4%
32	South Dakota	12,498	13%	0%	47%	44%	9%	0%	-13%	100%	9%	-4%

33 Iowa	49,805	28%	6%	2%	68%	14%	1%	-19%	100%	14%	-5%
34 Alabama	83,449	26%	52%	16%	0%	66%	4%	-64%	83%	54%	-10%
35 Illinois	131,779	24%	76%	0%	12%	19%	1%	-32%	100%	19%	-13%
36 Texas	409,367	19%	10%	0%	25%	60%	1%	-16%	0%	0%	-16%
37 Louisiana	87,283	4%	19%	1%	0%	83%	9%	-17%	0%	0%	-17%
38 Nebraska	30,244	62%	20%	5%	30%	4%	0%	-22%	100%	4%	-18%
39 Utah	31,083	73%	0%	4%	11%	30%	1%	-19%	5%	2%	-18%
40 New Hampshire	10,671	1%	92%	12%	5%	34%	9%	-53%	100%	34%	-19%
41 Arkansas	45,785	34%	33%	10%	1%	40%	2%	-19%	0%	0%	-19%
42 Washington	85,233	6%	11%	90%	11%	16%	2%	-36%	100%	16%	-20%
43 Oklahoma	61,790	10%	0%	4%	48%	71%	1%	-33%	0%	0%	-33%
44 New Mexico	25,179	51%	0%	1%	36%	47%	0%	-35%	0%	0%	-35%
45 Kansas	38,425	44%	28%	0%	63%	7%	0%	-42%	44%	3%	-39%
46 Montana	14,363	59%	0%	75%	22%	2%	5%	-63%	54%	1%	-62%
47 Pennsylvania	139,094	17%	55%	1%	3%	87%	2%	-65%	0%	0%	-65%
48 West Virginia	32,078	157%	0%	5%	6%	9%	1%	-77%	0%	0%	-77%
49 North Dakota	21,377	115%	0%	11%	64%	7%	1%	-97%	0%	0%	-97%
50 Wyoming	15,330	218%	0%	7%	36%	9%	3%	-173%	0%	0%	-173%