

Federal Energy Regulatory Commission

Revenue Requirement Impact of RTO/ISO Membership - 100 bpt ROE Adder

Line	RTO/ISO	Company Name	Trans. Rate Base (\$000s) (1)	Report Base ROE (2)	Equity Ratio (3)	100 Basis Point Adder (4)	Report ROE Plus Adder (5)	Tax Conversion Factor (6)	Revenue Impact (\$000s) (7)
1	CAISO	Southern California Edison Co.	5,829,102	11.97%	55.54%	1.00%	12.97%	1.2658	40,981
2	CAISO	Pacific Gas and Electric Co.	7,646,547	12.00%	52.46%	1.00%	13.00%	1.2658	50,777
3	CAISO	San Diego Gas & Electric Co.	4,005,298	10.10%	55.83%	1.00%	11.10%	1.2658	28,306
4	CAISO	DATC Path 15 LLC	104,850	13.50%	55.17%	1.00%	14.50%	1.2658	732
5	CAISO	Trans Bay Cable LLC	522,202	13.50%	65.00%	1.00%	14.50%	1.2658	4,297
6		Total CAISO	18,107,999						125,092
7	MISO	Ameren Illinois	1,882,168	10.32%	52.87%	1.00%	11.32%	1.2658	12,596
8	MISO	Ameren Missouri	686,549	10.32%	53.00%	1.00%	11.32%	1.2658	4,606
9	MISO	Ameren Transmission of Illinois	1,325,931	10.32%	56.10%	1.00%	11.32%	1.2658	9,416
10	MISO	Indianapolis Power & Light Co.	210,949	10.32%	45.00%	1.00%	11.32%	1.2658	1,202
11	MISO	Minnesota Power Co.	692,704	10.32%	59.00%	1.00%	11.32%	1.2658	5,173
12	MISO	MidAmerican Energy Co.	1,207,813	10.32%	52.00%	1.00%	11.32%	1.2658	7,950
13	MISO	Duke Energy Indiana	939,991	10.32%	53.00%	1.00%	11.32%	1.2658	6,306
14	MISO	Entergy Arkansas Inc.	1,898,099	10.32%	47.89%	1.00%	11.32%	1.2658	11,506
15	MISO	Entergy Louisiana Inc.	2,895,429	10.32%	47.00%	1.00%	11.32%	1.2658	17,226
16	MISO	Entergy Mississippi Inc.	1,069,255	10.32%	49.38%	1.00%	11.32%	1.2658	6,684
17	MISO	Entergy New Orleans Inc.	105,164	10.32%	53.89%	1.00%	11.32%	1.2658	717
18	MISO	Entergy Texas Inc.	966,003	10.32%	52.15%	1.00%	11.32%	1.2658	6,377
19	MISO	ITC Midwest	2,716,629	10.32%	60.00%	1.00%	11.32%	1.2658	20,633
20	MISO	ITC Transmission	1,947,137	10.32%	60.00%	1.00%	11.32%	1.2658	14,788
21	MISO	Michigan Electric Transmission Co.	1,497,827	10.32%	60.00%	1.00%	11.32%	1.2658	11,376
22	MISO	Montana-Dakota Utilities	274,213	10.32%	50.00%	1.00%	11.32%	1.2658	1,736
23	MISO	(Northern) Indiana Public Service Co.	968,156	10.32%	55.00%	1.00%	11.32%	1.2658	6,740
24	MISO	Otter Tail Power Company	422,829	10.32%	55.00%	1.00%	11.32%	1.2658	2,944
25	MISO	Southern Indiana Gas & Electric Co.	309,265	10.32%	58.00%	1.00%	11.32%	1.2658	2,271
26	MISO	Northern States Power MN WI	2,891,643	10.32%	53.00%	1.00%	11.32%	1.2658	19,400
27	MISO	American Transmission Co.	3,899,703	10.32%	50.00%	1.00%	11.32%	1.2658	24,682
28	MISO	Cleco Power	342,480	10.32%	53.00%	1.00%	11.32%	1.2658	2,298
29		Total MISO	29,149,937						196,625
30	NEISO	Central Maine Power Co.	1,126,724	10.57%	59.13%	1.00%	11.57%	1.2658	8,433
31	NEISO	The United Illuminating Company	619,711	10.57%	56.63%	1.00%	11.57%	1.2658	4,442
32	NEISO	Emera Maine	226,099	10.57%	54.13%	1.00%	11.57%	1.2658	1,549
33	NEISO	Connecticut Light & Power Co.	2,777,860	10.57%	55.47%	1.00%	11.57%	1.2658	19,505
34	NEISO	NSTAR Electric Co.	1,384,529	10.57%	55.25%	1.00%	11.57%	1.2658	9,683
35	NEISO	Public Service Co. of New Hampshire	864,243	10.57%	61.80%	1.00%	11.57%	1.2658	6,761
36	NEISO	Western Massachusetts Electric Co.	736,171	10.57%	56.00%	1.00%	11.57%	1.2658	5,218
37	NEISO	New Hampshire Transmission LLC	46,067	10.57%	60.00%	1.00%	11.57%	1.2658	350
38	NEISO	Fitchburg Gas and Electric Co.	3,148	10.57%	48.10%	1.00%	11.57%	1.2658	19
39	NEISO	New England Power Co.	1,198,264	10.57%	63.46%	1.00%	11.57%	1.2658	9,626
40	NEISO	Vermont Transco LLC	895,913	10.57%	56.84%	1.00%	11.57%	1.2658	6,446
41		Total NEISO	9,878,729						72,032
42	NYISO	Niagara Mohawk Power Co.	2,039,412	9.80%	50.00%	1.00%	10.80%	1.2658	12,908
43	NYISO	New York Transco LLC	226,472	9.50%	52.96%	1.00%	10.50%	1.2658	1,518
44		Total NYISO	2,265,884						14,426
45	PJM	Appalachian Transmission Co.	29,318	9.85%	52.18%	1.00%	10.85%	1.2658	194
46	PJM	Indiana Michigan Transmission Co.	1,724,392	9.85%	54.20%	1.00%	10.85%	1.2658	11,831
47	PJM	Kentucky Transmission Co.	99,470	9.85%	54.30%	1.00%	10.85%	1.2658	684
48	PJM	Ohio Transmission Co.	2,416,084	9.85%	54.21%	1.00%	10.85%	1.2658	16,579
49	PJM	West Virginia Transmission Co.	857,200	9.85%	53.84%	1.00%	10.85%	1.2658	5,842
50	PJM	Appalachian Power Co.	2,101,335	9.85%	49.73%	1.00%	10.85%	1.2658	13,228
51	PJM	Indiana Michigan Power Co.	770,863	9.85%	45.11%	1.00%	10.85%	1.2658	4,402
52	PJM	Kentucky Power Co.	342,717	9.85%	45.66%	1.00%	10.85%	1.2658	1,981
53	PJM	Kingsport Power Co.	21,683	9.85%	47.72%	1.00%	10.85%	1.2658	131
54	PJM	Ohio Power Co.	1,355,197	9.85%	54.97%	1.00%	10.85%	1.2658	9,430
55	PJM	Wheeling Power Co.	79,048	9.85%	54.63%	1.00%	10.85%	1.2658	547
56	PJM	Virginia Electric and Power Co.	5,995,871	10.90%	52.10%	1.00%	11.90%	1.2658	39,542
57	PJM	Virginia Electric and Power Co.	5,995,871	10.90%	52.10%	1.00%	11.90%	1.2658	39,542
58	PJM	Duke Energy Kentucky	21,346	10.88%	52.00%	1.00%	11.88%	1.2658	141
59	PJM	Duke Energy Ohio	589,691	10.88%	56.00%	1.00%	11.88%	1.2658	4,180
60	PJM	Duquesne Light Company	586,143	10.90%	51.68%	1.00%	11.90%	1.2658	3,834
61	PJM	Duquesne Light Company	586,143	10.90%	51.68%	1.00%	11.90%	1.2658	3,834
62	PJM	Atlantic City Electric Co.	822,316	10.00%	50.00%	1.00%	11.00%	1.2658	5,205
63	PJM	Baltimore Gas & Electric Co.	1,175,192	10.00%	54.00%	1.00%	11.00%	1.2658	8,033
64	PJM	Commonwealth Edison Co.	3,737,904	11.00%	55.00%	1.00%	12.00%	1.2658	26,023
65	PJM	Delmarva Power & Light Co.	912,738	10.00%	50.12%	1.00%	11.00%	1.2658	5,791
66	PJM	PECO Energy	970,462	9.85%	53.61%	1.00%	10.85%	1.2658	6,586
67	PJM	Potomac Electric Power Co.	866,691	10.00%	50.00%	1.00%	11.00%	1.2658	5,485
68	PJM	American Transmission Systems Inc.	2,922,890	9.88%	60.00%	1.00%	10.88%	1.2658	22,199
69	PJM	Mid-Atlantic Interstate Transmission	1,020,420	9.80%	59.00%	1.00%	10.80%	1.2658	7,621
70	PJM	Trans-Allegheny Interstate (TRAILCO)	1,490,702	11.20%	60.00%	1.00%	12.20%	1.2658	11,322
71	PJM	PPL Electric Utilities	4,076,470	11.18%	54.50%	1.00%	12.18%	1.2658	28,122
72		Total PJM	41,568,157						282,308
73	SPP	Public Service Co. of Oklahoma	490,471	10.00%	49.00%	1.00%	11.00%	1.2658	3,042
74	SPP	Southwestern Electric Power Co.	1,053,463	10.00%	46.68%	1.00%	11.00%	1.2658	6,225
75	SPP	AEP Oklahoma Transmission	640,941	0.00%	50.69%	1.00%	1.00%	1.2658	4,113
76	SPP	AEP Southwestern Transmission	11	10.00%	48.95%	1.00%	11.00%	1.2658	0
77	SPP	Empire District Electric Co.	238,839	9.50%	49.15%	1.00%	10.50%	1.2658	1,486
78	SPP	Kansas City Power & Light Co.	190,629	10.60%	50.59%	1.00%	11.60%	1.2658	1,221
79	SPP	KCP&L Greater Missouri Operations	195,748	10.60%	50.59%	1.00%	11.60%	1.2658	1,254
80	SPP	Westar Energy Inc.	1,609,867	9.80%	51.19%	1.00%	10.80%	1.2658	10,432
81	SPP	ITC Great Plains	448,314	10.66%	60.00%	1.00%	11.66%	1.2658	3,405
82	SPP	Oklahoma Gas & Electric Co.	1,646,316	10.00%	53.47%	1.00%	11.00%	1.2658	11,143
83	SPP	Public Service Co. of Colorado	1,445,653	9.22%	56.28%	1.00%	10.22%	1.2658	10,299
84	SPP	Southwestern Public Service Co.	2,144,278	10.00%	54.47%	1.00%	11.00%	1.2658	14,785
85	SPP	Prairie Wind Transmission LLC	119,840	10.80%	45.66%	1.00%	11.80%	1.2658	693
86	SPP	Transource Missouri LLC	260,935	9.80%	55.00%	1.00%	10.80%	1.2658	1,817
87		Total SPP	10,485,305						69,912
88		US Total	111,456,011						760,396

Source:

Various S&P Global Market Intelligence RRA reports 2018-2020, provided as Exhibit No. AMF-4, pages 158-248.

Note:

NYISO utilities excluded if rates have not been unbundled.