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Recently Authorized ROEs by RRA Ranking

		Recently Authorized ROEs by RRA Ranking					Electric Utilities			
						Return on		Top Third		Bottom Third
						Equity		(Average/1 and	Middle Third	(Average/3 and
State	Company	Case Identification	Service	Case Type	Date	(%)	RRA Rank	higher)	(Average/2)	lower)
Washington	Avista Corp.	D-UE-150204	Electric	Vertically Integrated	1/6/2016	9.50	Average / 3			9.50
Arkansas	Entergy Arkansas LLC	D-15-015-U	Electric	Vertically Integrated	2/23/2016	9.75	Average / 3			9.75
Indiana	Indianapolis Power & Light Co.	Ca-44576	Electric	Vertically Integrated	3/16/2016	9.85	Above Average / 3	9.85		
New Mexico	El Paso Electric Co.	C-15-00127-UT	Electric	Vertically Integrated	6/8/2016	9.48	Below Average / 1			9.48
Indiana	Northern IN Public Svc Co.	Ca-44688	Electric	Vertically Integrated	7/18/2016	9.98	Above Average / 3	9.98		
Tennessee	Kingsport Power Company	D-16-00001	Electric	Vertically Integrated	8/9/2016	9.85	Average / 1	9.85		
Arizona	UNS Electric Inc.	D-E-04204A-15-0142	Electric	Vertically Integrated	8/18/2016	9.50	Average / 3			9.50
Washington	PacifiCorp	D-UE-152253	Electric	Vertically Integrated	9/1/2016	9.50	Average / 3			9.50
Michigan	Upper Peninsula Power Co.	C-U-17895	Electric	Vertically Integrated	9/8/2016	10.00	Average / 1	10.00		
New Mexico	Public Service Co. of NM	C-15-00261-UT	Electric	Vertically Integrated	9/28/2016	9.58	Below Average / 1			9.58
Wisconsin	Madison Gas and Electric Co.	D-3270-UR-121 (Elec)	Electric	Vertically Integrated	11/9/2016	9.80	Above Average / 2	9.80		
Oklahoma	Public Service Co. of OK	Ca-PUD201500208	Electric	Vertically Integrated	11/10/2016	9.50	Average / 2		9.50	
Wisconsin	Wisconsin Power and Light Co	D-6680-UR-120 (Elec)	Electric	Vertically Integrated	11/18/2016	10.00	Above Average / 2	10.00		
Florida	Florida Power & Light Co.	D-160021-EI	Electric	Vertically Integrated	11/29/2016	10.55	Above Average / 3	10.55		
California	Lbrty Utilities (CalPeco Elect	A-15-05-008	Electric	Vertically Integrated	12/1/2016	10.00	Average / 1	10.00		
South Carolina	Duke Energy Progress LLC	D-2016-227-E	Electric	Vertically Integrated	12/7/2016	10.10	Average / 1	10.10		
Colorado	Black Hills Colorado Electric	D-16AL-0326E	Electric	Vertically Integrated	12/19/2016	9.37	Average / 1	9.37		
Nevada	Sierra Pacific Power Co.	D-16-06006	Electric	Vertically Integrated	12/22/2016	9.60	Average / 2		9.60	
North Carolina	Virginia Electric & Power Co.	D-E-22, Sub 532	Electric	Vertically Integrated	12/22/2016	9.90	Average / 1	9.90		
Idaho	Avista Corp.	C-AVU-E-16-03	Electric	Vertically Integrated	12/28/2016	9.50	Average / 2		9.50	
Wyoming	MDU Resources Group Inc.	D-20004-117-ER-16	Electric	Vertically Integrated	1/18/2017	9.45	Average / 2		9.45	
Michigan	DTE Electric Co.	C-U-18014	Electric	Vertically Integrated	1/31/2017	10.10	Average / 1	10.10		
Arizona	Tucson Electric Power Co.	D-E-01933A-15-0322	Electric	Vertically Integrated	2/24/2017	9.75	Average / 3			9.75
Michigan	Consumers Energy Co.	C-U-17990	Electric	Vertically Integrated	2/28/2017	10.10	Average / 1	10.10		
Minnesota	Otter Tail Power Co.	D-E-017/GR-15-1033	Electric	Vertically Integrated	3/2/2017	9.41	Average / 2		9.41	
Oklahoma	Oklahoma Gas and Electric Co.	Ca-PUD201500273	Electric	Vertically Integrated	3/20/2017	9.50	Average / 2		9.50	
Florida	Gulf Power Co.	D-160186-EI	Electric	Vertically Integrated	4/4/2017	10.25	Above Average / 3	10.25		
Missouri	Kansas City Power & Light	C-ER-2016-0285	Electric	Vertically Integrated	5/3/2017	9.50	Average / 2		9.50	
Minnesota	Northern States Power Co MN	D-E-002/GR-15-826	Electric	Vertically Integrated	5/11/2017	9.20	Average / 2		9.20	
Arkansas	Oklahoma Gas and Electric Co.	D-16-052-U	Electric	Vertically Integrated	5/18/2017	9.50	Average / 1	9.50		
North Dakota	MDU Resources Group Inc.	C-PU-16-666	Electric	Vertically Integrated	6/16/2017	9.65	Average / 1	9.65		
Kentucky	Kentucky Utilities Co.	C-2016-00370	Electric	Vertically Integrated	6/22/2017	9.70	Average / 1	9.70		
Kentucky	Louisville Gas & Electric Co.	C-2016-00371 (elec.)	Electric	Vertically Integrated	6/22/2017	9.70	Average / 1	9.70		
Arizona	Arizona Public Service Co.	D-E-01345A-16-0036	Electric	Vertically Integrated	8/15/2017	10.00	Average / 3			10.00
California	San Diego Gas & Electric Co.	Advice No. 3120-E	Electric	Vertically Integrated	10/26/2017	10.20	Above Average / 3	10.20		
California	Pacific Gas and Electric Co.	Advise No. 3887-G/5148-E	Electric	Vertically Integrated	10/26/2017	10.25	Above Average / 3	10.25		
California	Southern California Edison Co.	Advice No. 3665-E	Electric	Vertically Integrated	10/26/2017	10.30	Above Average / 3	10.30		
Florida	Tampa Electric Co.	D-20170210-EI	Electric	Vertically Integrated	11/6/2017	10.25	Above Average / 2	10.25		
Alaska	Alaska Electric Light Power	D-U-16-086	Electric	Vertically Integrated	11/15/2017	11.95	Below Average / 1			11.95
Washington	Puget Sound Energy Inc.	D-UE-170033	Electric	Vertically Integrated	12/5/2017	9.50	Average / 3			9.50
Wisconsin	Northern States Power Co - WI	D-4220-UR-123 (Elec)	Electric	Vertically Integrated	12/7/2017	9.80	Above Average / 2	9.80		0.00
Texas	Southwestern Electric Power Co	D-46449	Electric	Vertically Integrated	12/14/2017	9.60	Average / 3	0.00		9.60
Texas	El Paso Electric Co.	D-46831	Electric	Vertically Integrated	12/14/2017	9.65	Average / 3			9.65
Oregon	Portland General Electric Co.	D-40031 D-UE-319	Electric	Vertically Integrated	12/18/2017	9.50	Average / 2		9.50	0.00
New Mexico	Public Service Co. of NM	C-16-00276-UT	Electric	Vertically Integrated	12/20/2017	9.58	Below Average / 2		0.00	9.58
Vermont	Green Mountain Power Corp.	C-17-3112-INV	Electric	Vertically Integrated	12/21/2017	9.10	Average / 2		9.10	0.00
Idaho	Avista Corp.	C-AVU-E-17-01	Electric	Vertically Integrated	12/28/2017	9.50	Average / 2		9.50	
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						Return on		Top Third		Bottom Third
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State	Company	Case Identification	Service	71	Date	(%)	RRA Rank	higher)	(Average/2)	lower)
Kentucky	Kentucky Power Co.	C-2017-00179	Electric	Vertically Integrated	1/18/2018	9.70	Average / 1	9.70		9.30
Oklahoma	Public Service Co. of OK	Ca-PUD201700151	Electric	Vertically Integrated	1/31/2018	9.30	Average / 3	0.00		9.30
lowa	Interstate Power & Light Co.	D-RPU-2017-0001	Electric	Vertically Integrated	2/2/2018	9.98	Average / 1	9.98 9.90		
North Carolina	Duke Energy Progress LLC	D-E-2, Sub 1142	Electric	Vertically Integrated	2/23/2018	9.90	Average / 1	9.90	0.25	
Minnesota	ALLETE (Minnesota Power)	D-E-015/GR-16-664	Electric	Vertically Integrated	3/12/2018	9.25	Average / 2	10.00	9.25	
Michigan	Consumers Energy Co.	C-U-18322	Electric	Vertically Integrated	3/29/2018	10.00	Above Average / 3	10.00		
Michigan	Indiana Michigan Power Co.	C-U-18370	Electric	Vertically Integrated	4/12/2018	9.90	Above Average / 3	9.90		
Kentucky	Duke Energy Kentucky Inc.	C-2017-00321	Electric	Vertically Integrated	4/13/2018	9.73	Average / 1	9.73		
Michigan	DTE Electric Co.	C-U-18255	Electric	Vertically Integrated	4/18/2018	10.00	Above Average / 3	10.00		0.50
Washington	Avista Corp.	D-UE-170485	Electric	Vertically Integrated	4/26/2018	9.50	Average / 3	0.05		9.50
Indiana	Indiana Michigan Power Co.	Ca-44967	Electric	Vertically Integrated	5/30/2018	9.95	Average / 1	9.95	0.50	
Hawaii	Hawaiian Electric Co.	D-2016-0328	Electric	Vertically Integrated	6/22/2018	9.50	Average / 2	0.00	9.50	
North Carolina	Duke Energy Carolinas LLC	D-E-7, Sub 1146	Electric	Vertically Integrated	6/22/2018	9.90	Average / 1	9.90	0.50	
Hawaii	Hawaii Electric Light Co	D-2015-0170	Electric	Vertically Integrated	6/29/2018	9.50	Average / 2		9.50	0.50
New Mexico	Southwestern Public Service Co	C-17-00255-UT	Electric	Vertically Integrated	9/5/2018	9.56	Below Average / 2	40.00		9.56
Wisconsin	Wisconsin Power and Light Co	D-6680-UR-121 (Elec)	Electric	Vertically Integrated	9/14/2018	10.00	Above Average / 2	10.00		
Wisconsin	Madison Gas and Electric Co.	D-3270-UR-122 (Elec)	Electric	Vertically Integrated	9/20/2018	9.80	Above Average / 2	9.80		
North Dakota	Otter Tail Power Co.	C-PU-17-398	Electric	Vertically Integrated	9/26/2018	9.77	Average / 1	9.77		
Kansas	Westar Energy Inc.	D-18-WSEE-328-RTS	Electric	Vertically Integrated	9/27/2018	9.30	Below Average / 1			9.30
Indiana	Indianapolis Power & Light Co.	Ca-45029	Electric	Vertically Integrated	10/31/2018	9.99	Average / 1	9.99		
Kansas	Kansas City Power & Light	D-18-KCPE-480-RTS	Electric	Vertically Integrated	12/13/2018	9.30	Below Average / 1			9.30
Oregon	Portland General Electric Co.	D-UE-335	Electric	Vertically Integrated	12/14/2018	9.50	Average / 2		9.50	
Michigan	Consumers Energy Co.	C-U-20134	Electric	Vertically Integrated	1/9/2019	10.00	Above Average / 3	10.00		
West Virginia	Appalachian Power Co.	C-18-0646-E-42T	Electric	Vertically Integrated	2/27/2019	9.75	Below Average / 2			9.75
Oklahoma	Public Service Co. of OK	Ca-PUD201800097	Electric	Vertically Integrated	3/14/2019	9.40	Average / 3			9.40
Kentucky	Kentucky Utilities Co.	C-2018-00294	Electric	Vertically Integrated	4/30/2019	9.73	Average / 1	9.73		
Kentucky	Louisville Gas & Electric Co.	C-2018-00295 (elec.)	Electric	Vertically Integrated	4/30/2019	9.73	Average / 1	9.73		
South Carolina	Duke Energy Carolinas LLC	D-2018-319-E	Electric	Vertically Integrated	5/1/2019	9.50	Average / 3			9.50
Michigan	DTE Electric Co.	C-U-20162	Electric	Vertically Integrated	5/2/2019	10.00	Above Average / 3	10.00		
South Carolina	Duke Energy Progress LLC	D-2018-318-E	Electric	Vertically Integrated	5/8/2019	9.50	Average / 3			9.50
South Dakota	Otter Tail Power Co.	D-EL18-021	Electric	Vertically Integrated	5/14/2019	8.75	Average / 2		8.75	
Hawaii	Maui Electric Company Ltd	D-2017-0150	Electric	Vertically Integrated	5/16/2019	9.50	Average / 2		9.50	
Michigan	Upper Peninsula Power Co.	C-U-20276	Electric	Vertically Integrated	5/23/2019	9.90	Above Average / 3	9.90		
Vermont	Green Mountain Power Corp.	C-19-1932-TF	Electric	Vertically Integrated	8/29/2019	9.06	Average / 3			9.06
Wisconsin	Northern States Power Co - WI	D- 4220-UR-124 (Elec)	Electric	Vertically Integrated	9/4/2019	10.00	Above Average / 2	10.00		
Montana	NorthWestern Corp.	D2018.2.12	Electric	Vertically Integrated	12/20/2019	9.65	Below Average / 1			9.65
Wisconsin	Wisconsin Electric Power Co.	D-05-UR-109 (WEP-Elec)	Electric	Vertically Integrated	10/31/2019	10.00	Above Average / 2	10.00		
Wisconsin	Wisconsin Public Service Corp.	D-6690-UR-126 (Elec)	Electric	Vertically Integrated	10/31/2019	10.00	Above Average / 2	10.00		
Louisiana - NOCC	Entergy New Orleans LLC	D-UD-18-07 (elec.)	Electric	Vertically Integrated	11/7/2019	9.35	Average / 2		9.35	
Idaho	Avista Corp.	C-AVU-E-1904	Electric	Vertically Integrated	11/29/2019	9.50	Average / 2		9.50	
Indiana	Northern IN Public Svc Co.	Ca-45159	Electric	Vertically Integrated	12/4/2019	9.75	Average / 1	9.75		
Georgia	Georgia Power Co.	D-42516	Electric	Vertically Integrated	12/17/2019	10.50	Above Average / 2	10.50		
California	San Diego Gas & Electric Co.	A-19-04-017 (Elec)	Electric	Vertically Integrated	12/19/2019	10.20	Average / 2		10.20	
California	Pacific Gas and Electric Co.	A-19-04-015	Electric	Vertically Integrated	12/19/2019	10.25	Average / 2		10.25	
California	Southern California Edison Co.	A-19-04-014	Electric	Vertically Integrated	12/19/2019	10.30	Average / 2		10.30	
Arkansas	Southwestern Electric Power Co	D-19-008-U	Electric	Vertically Integrated	12/20/2019	9.45	Average / 1	9.45		
Montana	NorthWestern Corp.	D2018.2.12	Electric	Vertically Integrated	12/20/2019	9.65	Below Average / 1			9.65
Nevada	Sierra Pacific Power Co.	D-19-06002	Electric	Vertically Integrated	12/24/2019	9.50	Average / 2		9.50	

State	Company	Case Identification	Service	Case Type	Date	Return on Equity (%)	RRA Rank	Top Third (Average/1 and higher)	Middle Third (Average/2)	Bottom Third (Average/3 and lower)
lowa	Interstate Power & Light Co.	D-RPU-2019-0001	Electric	Vertically Integrated	1/8/2020	10.02	Average / 1	10.02		-
Michigan	Indiana Michigan Power Co.	C-U-20359	Electric	Vertically Integrated	1/23/2020	9.86	Above Average / 3	9.86		
California	PacifiCorp	A-18-04-002	Electric	Vertically Integrated	2/6/2020	10.00	Average / 2		10.00	
Colorado	Public Service Co. of CO	D-19AL-0268E	Electric	Vertically Integrated	2/11/2020	9.30	Average / 2		9.30	
North Carolina	Virginia Electric & Power Co.	E-22, Sub 562	Electric	Vertically Integrated	2/24/2020	9.75	Average / 1	9.75		
Indiana	Indiana Michigan Power Co.	Ca-45235	Electric	Vertically Integrated	3/11/2020	9.70	Average / 1	9.70		
Washington	Avista Corp.	D-UE-190334	Electric	Vertically Integrated	3/25/2020	9.40	Average / 3			9.40
Kentucky	Duke Energy Kentucky Inc.	C-2019-00271	Electric	Vertically Integrated	4/27/2020	9.25	Average / 1	9.25		
Michigan	DTE Electric Co.	C-U-20561	Electric	Vertically Integrated	5/8/2020	9.90	Above Average / 3	9.90		
New Mexico	Southwestern Public Service Co	C-19-00170-UT	Electric	Vertically Integrated	5/20/2020	9.45	Below Average / 2			9.45
Indiana	Duke Energy Indiana, LLC	Ca-45253	Electric	Vertically Integrated	6/29/2020	9.70	Average / 1	9.70		
					Total Cases	107		54	26	27
					Mean	9.74		9.91	9.53	9.62
					Median	9.70		9.90	9.50	9.50
					Maximum	11.95		10.55	10.30	11.95
					Minimum	8.75		9.25	8.75	9.06
					2019 Mean	9.73				
Source: Regulatory Research Associates				2019 Median	9.73					