

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
2017	FRCC	1074	Alachua, City of	U.S.	135,500	135,500			0.058%	0.058%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	FRCC	1075	Bartow, City of	U.S.	295,000	295,000			0.127%	0.127%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.007%
2017	FRCC	1076	Chattahoochee, City of	U.S.	36,900	36,900			0.016%	0.016%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	FRCC	1077	Florida Keys Electric Cooperative Assn	U.S.	750,000	750,000			0.322%	0.322%	0.000%	0.000%	0.017%	0.017%	0.000%	0.000%	0.019%
2017	FRCC	1078	Florida Power & Light Co.	U.S.	114,357,000	114,357,000			49.139%	49.139%	0.000%	0.000%	2.570%	2.570%	0.000%	0.000%	2.906%
2017	FRCC	1079	Florida Public Utilities Company	U.S.	350,000	350,000			0.150%	0.150%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
2017	FRCC	1080	Gainesville Regional Utilities	U.S.	1,811,300	1,811,300			0.778%	0.778%	0.000%	0.000%	0.041%	0.041%	0.000%	0.000%	0.046%
2017	FRCC	1081	Homestead, City of	U.S.	596,000	596,000			0.256%	0.256%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.015%
2017	FRCC	1082	JEA	U.S.	12,520,000	12,520,000			5.380%	5.380%	0.000%	0.000%	0.281%	0.281%	0.000%	0.000%	0.318%
2017	FRCC	1083	Lakeland Electric	U.S.	3,086,000	3,086,000			1.326%	1.326%	0.000%	0.000%	0.069%	0.069%	0.000%	0.000%	0.078%
2017	FRCC	1626	Lee County Electric Cooperative, Inc	U.S.	4,068,000	4,068,000			1.748%	1.748%	0.000%	0.000%	0.091%	0.091%	0.000%	0.000%	0.103%
2017	FRCC	1661	City of Lake Worth	U.S.	470,000	470,000			0.202%	0.202%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.012%
2017	FRCC	1084	Mount Dora, City of	U.S.	91,900	91,900			0.039%	0.039%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	FRCC	1085	New Smyrna Beach, Utilities Commission of	U.S.	434,000	434,000			0.186%	0.186%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	FRCC	1086	Orlando Utilities Commission	U.S.	6,101,300	6,101,300			2.622%	2.622%	0.000%	0.000%	0.137%	0.137%	0.000%	0.000%	0.155%
2017	FRCC	1087	Duke Energy Florida	U.S.	40,748,100	40,748,100			17.510%	17.510%	0.000%	0.000%	0.916%	0.916%	0.000%	0.000%	1.036%
2017	FRCC	1088	Quincy, City of	U.S.	130,700	130,700			0.056%	0.056%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	FRCC	1089	Reedy Creek Improvement District	U.S.	1,211,000	1,211,000			0.520%	0.520%	0.000%	0.000%	0.027%	0.027%	0.000%	0.000%	0.031%
2017	FRCC	1090	St. Cloud, City of (OUC)	U.S.	769,000	769,000			0.330%	0.330%	0.000%	0.000%	0.017%	0.017%	0.000%	0.000%	0.020%
2017	FRCC	1091	Tallahassee, City of	U.S.	2,758,000	2,758,000			1.185%	1.185%	0.000%	0.000%	0.062%	0.062%	0.000%	0.000%	0.070%
2017	FRCC	1092	Tampa Electric Company	U.S.	20,296,000	20,296,000			8.721%	8.721%	0.000%	0.000%	0.456%	0.456%	0.000%	0.000%	0.516%
2017	FRCC	1603	City of Vero Beach	U.S.	757,000	757,000			0.325%	0.325%	0.000%	0.000%	0.017%	0.017%	0.000%	0.000%	0.019%
2017	FRCC	1093	Wauchula, City of	U.S.	65,000	65,000			0.028%	0.028%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.002%
2017	FRCC	1094	Williston, City of	U.S.	36,200	36,200			0.016%	0.016%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	FRCC	1095	Winter Park, City of	U.S.	442,100	442,100			0.190%	0.190%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	FRCC	1724	Moore Haven, City of	U.S.	15,000	15,000			0.006%	0.006%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	FRCC	1072	Florida Municipal Power Agency	U.S.	5,984,400	5,984,400			2.572%	2.572%	0.000%	0.000%	0.134%	0.134%	0.000%	0.000%	0.152%
2017	FRCC	1073	Seminole Electric Cooperative	U.S.	14,404,000	14,404,000			6.189%	6.189%	0.000%	0.000%	0.324%	0.324%	0.000%	0.000%	0.366%
TOTAL FRCC					232,719,400	232,719,400	-	-	100.000%	100.000%	0.000%	0.000%	5.229%	5.229%	0.000%	0.000%	5.914%
2017	MRO	1199	Basin Electric Power Cooperative	U.S.	19,376,180	19,376,180	-	-	3.992%	3.992%	0.000%	0.000%	0.435%	0.435%	0.000%	0.000%	0.492%
2017	MRO	1201	Central Iowa Power Cooperative (CIPCO)	U.S.	2,831,165	2,831,165	-	-	0.583%	0.583%	0.000%	0.000%	0.064%	0.064%	0.000%	0.000%	0.072%
2017	MRO	1204	Corn Belt Power Cooperative	U.S.	1,969,812	1,969,812	-	-	0.406%	0.406%	0.000%	0.000%	0.044%	0.044%	0.000%	0.000%	0.050%
2017	MRO	1207	Dairyland Power Cooperative	U.S.	5,509,070	5,509,070	-	-	1.135%	1.135%	0.000%	0.000%	0.124%	0.124%	0.000%	0.000%	0.140%
2017	MRO	1210	Great River Energy	U.S.	13,144,443	13,144,443	-	-	2.708%	2.708%	0.000%	0.000%	0.295%	0.295%	0.000%	0.000%	0.334%
2017	MRO	1222	Minnkota Power Cooperative, Inc.	U.S.	3,832,290	3,832,290	-	-	0.790%	0.790%	0.000%	0.000%	0.086%	0.086%	0.000%	0.000%	0.097%
2017	MRO	1230	Nebraska Public Power District	U.S.	13,689,668	13,689,668	-	-	2.820%	2.820%	0.000%	0.000%	0.308%	0.308%	0.000%	0.000%	0.348%
2017	MRO	1232	Omaha Public Power District	U.S.	11,172,502	11,172,502	-	-	2.302%	2.302%	0.000%	0.000%	0.251%	0.251%	0.000%	0.000%	0.284%
2017	MRO	1240	Western Area Power Administration (UM)	U.S.	9,268,980	9,268,980	-	-	1.910%	1.910%	0.000%	0.000%	0.208%	0.208%	0.000%	0.000%	0.236%
2017	MRO	1239	Western Area Power Administration (LM)	U.S.	45,883	45,883	-	-	0.009%	0.009%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	MRO	1217	Manitoba Hydro	CAN	23,893,599		23,893,599		4.923%	0.000%	4.923%	0.000%	0.537%	0.000%	0.537%	0.000%	0.000%
2017	MRO	1235	SaskPower	CAN	24,779,000		24,779,000		5.105%	0.000%	5.105%	0.000%	0.557%	0.000%	0.557%	0.000%	0.000%
2017	MRO	1195	Alliant Energy (Alliant East - WPL & Alliant West IPL)	U.S.	29,095,886	29,095,886	-	-	5.994%	5.994%	0.000%	0.000%	0.654%	0.654%	0.000%	0.000%	0.739%
2017	MRO	1710	Dahlberg Electric Company	U.S.	111,972	111,972	-	-	0.023%	0.023%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	MRO	1216	Madison, Gas and Electric	U.S.	3,383,670	3,383,670	-	-	0.697%	0.697%	0.000%	0.000%	0.076%	0.076%	0.000%	0.000%	0.086%
2017	MRO	1220	MidAmerican Energy Company	U.S.	25,664,492	25,664,492	-	-	5.287%	5.287%	0.000%	0.000%	0.577%	0.577%	0.000%	0.000%	0.652%
2017	MRO	1221	Minnesota Power	U.S.	12,915,759	12,915,759	-	-	2.661%	2.661%	0.000%	0.000%	0.290%	0.290%	0.000%	0.000%	0.328%
2017	MRO	1226	Montana-Dakota Utilities Co.	U.S.	3,251,539	3,251,539	-	-	0.670%	0.670%	0.000%	0.000%	0.073%	0.073%	0.000%	0.000%	0.083%
2017	MRO	1711	North Central Power Company	U.S.	37,156	37,156	-	-	0.008%	0.008%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%

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2017	MRO	1231	NorthWestern Energy	U.S.	1,557,326	1,557,326	-	-	0.321%	0.321%	0.000%	0.000%	0.035%	0.035%	0.000%	0.000%	0.040%
2017	MRO	1712	NorthWestern Wisconsin	U.S.	185,796	185,796	-	-	0.038%	0.038%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2017	MRO	1233	Otter Tail Power Company	U.S.	4,975,311	4,975,311	-	-	1.025%	1.025%	0.000%	0.000%	0.112%	0.112%	0.000%	0.000%	0.126%
2017	MRO	1664	Wisconsin Public Service (WPS)	U.S.	11,692,550	11,692,550	-	-	2.409%	2.409%	0.000%	0.000%	0.263%	0.263%	0.000%	0.000%	0.297%
2017	MRO	1665	Upper Peninsula Power Company (UPPCO)	U.S.	683,680	683,680	-	-	0.141%	0.141%	0.000%	0.000%	0.015%	0.015%	0.000%	0.000%	0.017%
2017	MRO	1244	Xcel Energy Company (NSP)	U.S.	43,456,066	43,456,066	-	-	8.953%	8.953%	0.000%	0.000%	0.976%	0.976%	0.000%	0.000%	1.104%
2017	MRO	1196	Ames Municipal Electric System	U.S.	756,072	756,072	-	-	0.156%	0.156%	0.000%	0.000%	0.017%	0.017%	0.000%	0.000%	0.019%
2017	MRO	1604	Atlantic Municipal Utilities	U.S.	81,220	81,220	-	-	0.017%	0.017%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	MRO	1713	Bloomer Electric & Water Co.	U.S.	55,261	55,261	-	-	0.011%	0.011%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	MRO	1714	Village of Caddott	U.S.	13,720	13,720	-	-	0.003%	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	MRO	1200	Cedar Falls Municipal Utilities	U.S.	517,738	517,738	-	-	0.107%	0.107%	0.000%	0.000%	0.012%	0.012%	0.000%	0.000%	0.013%
2017	MRO	1477	Central Minnesota Municipal Power Agency (CMMPA)	U.S.	390,178	390,178	-	-	0.080%	0.080%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2017	MRO	1716	Eldridge Electric and Water Utilities	U.S.	42,377	42,377	-	-	0.009%	0.009%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	MRO	1203	City of Escanaba	U.S.	137,824	137,824	-	-	0.028%	0.028%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.004%
2017	MRO	1205	Falls City Water & Light Department	U.S.	58,855	58,855	-	-	0.012%	0.012%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	MRO	1206	Fremont Department of Utilities	U.S.	432,646	432,646	-	-	0.089%	0.089%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	MRO	1208	Geneseo Municipal Utilities	U.S.	64,636	64,636	-	-	0.013%	0.013%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.002%
2017	MRO	1209	Grand Island Utilities Department	U.S.	759,468	759,468	-	-	0.156%	0.156%	0.000%	0.000%	0.017%	0.017%	0.000%	0.000%	0.019%
2017	MRO	1717	Great Lakes Utilities	U.S.	1,476,412	1,476,412	-	-	0.304%	0.304%	0.000%	0.000%	0.033%	0.033%	0.000%	0.000%	0.038%
2017	MRO	1718	City of Guttenberg	U.S.	18,847	18,847	-	-	0.004%	0.004%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	MRO	1606	Harlan Municipal Utilities	U.S.	16,813	16,813	-	-	0.003%	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	MRO	1211	Hastings Utilities	U.S.	429,051	429,051	-	-	0.088%	0.088%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	MRO	1212	Heartland Consumers Power District	U.S.	434,617	434,617	-	-	0.090%	0.090%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	MRO	1213	Hutchinson Utilities Commission	U.S.	290,592	290,592	-	-	0.060%	0.060%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.007%
2017	MRO	1719	City of Kasota	U.S.	3,249	3,249	-	-	0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	MRO	1215	Lincoln Electric System	U.S.	3,204,566	3,204,566	-	-	0.660%	0.660%	0.000%	0.000%	0.072%	0.072%	0.000%	0.000%	0.081%
2017	MRO	1223	Missouri River Energy Services	U.S.	2,695,437	2,695,437	-	-	0.555%	0.555%	0.000%	0.000%	0.061%	0.061%	0.000%	0.000%	0.068%
2017	MRO	1224	MN Municipal Power Agency (MMPA)	U.S.	1,554,303	1,554,303	-	-	0.320%	0.320%	0.000%	0.000%	0.035%	0.035%	0.000%	0.000%	0.039%
2017	MRO	1607	Montezuma Municipal Light & Power	U.S.	25,244	25,244	-	-	0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	MRO	1227	Municipal Energy Agency of Nebraska	U.S.	943,023	943,023	-	-	0.194%	0.194%	0.000%	0.000%	0.021%	0.021%	0.000%	0.000%	0.024%
2017	MRO	1228	Muscatine Power and Water	U.S.	878,182	878,182	-	-	0.181%	0.181%	0.000%	0.000%	0.020%	0.020%	0.000%	0.000%	0.022%
2017	MRO	1229	Nebraska City Utilities	U.S.	129,117	129,117	-	-	0.027%	0.027%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	MRO	1720	Resale Power Group of Iowa	U.S.	563,492	563,492	-	-	0.116%	0.116%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.014%
2017	MRO	1721	Rice Lake Utilities	U.S.	165,419	165,419	-	-	0.034%	0.034%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	MRO	1234	Rochester Public Utilities	U.S.	2,335	2,335	-	-	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	MRO	1236	Southern Minnesota Municipal Power Agency	U.S.	2,782,217	2,782,217	-	-	0.573%	0.573%	0.000%	0.000%	0.063%	0.063%	0.000%	0.000%	0.071%
2017	MRO	1722	City of Spooner	U.S.	31,674	31,674	-	-	0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	MRO	1241	Willmar Municipal Utilities	U.S.	249,549	249,549	-	-	0.051%	0.051%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.006%
2017	MRO	1242	Wisconsin Public Power, Inc. (East and West regions)	U.S.	5,292,675	5,292,675	-	-	1.090%	1.090%	0.000%	0.000%	0.119%	0.119%	0.000%	0.000%	0.135%
2017	MRO		Wolverine Power Marketing Cooperative	U.S.	35,850	35,850	-	-	0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SPP-MRO-SERC		Arkansas Electric Cooperative Corporation	U.S.	3,792,311	3,792,311	-	-	0.781%	0.781%	0.000%	0.000%	0.085%	0.085%	0.000%	0.000%	0.096%
2017	SPP-MRO	1246	American Electric Power	U.S.	37,025,653	37,025,653	-	-	7.628%	7.628%	0.000%	0.000%	0.832%	0.832%	0.000%	0.000%	0.941%
2017	SPP-MRO	1707	AEP-VEMCO	U.S.	646,206	646,206	-	-	0.133%	0.133%	0.000%	0.000%	0.015%	0.015%	0.000%	0.000%	0.016%
2017	SPP-MRO	1247	Board of Public Utilities (Kansas City KS)	U.S.	2,421,483	2,421,483	-	-	0.499%	0.499%	0.000%	0.000%	0.054%	0.054%	0.000%	0.000%	0.062%
2017	SPP-MRO	1620	Board of Public Utilities, City of McPherson, Kansas	U.S.	1,059,362	1,059,362	-	-	0.218%	0.218%	0.000%	0.000%	0.024%	0.024%	0.000%	0.000%	0.027%
2017	SPP-MRO	1647	Carthage City Water & Light	U.S.	301,124	301,124	-	-	0.062%	0.062%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2017	SPP-MRO	1469	Central Valley Electric Cooperative	U.S.	818,642	818,642	-	-	0.169%	0.169%	0.000%	0.000%	0.018%	0.018%	0.000%	0.000%	0.021%
2017	SPP-MRO	1556	City of Bentonville	U.S.	694,607	694,607	-	-	0.143%	0.143%	0.000%	0.000%	0.016%	0.016%	0.000%	0.000%	0.018%

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2017	SPP-MRO	1709	City of Nixa	U.S.	161,277	161,277			0.033%	0.033%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	SPP-MRO	1703	City of Chanute	U.S.	503,616	503,616			0.104%	0.104%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.013%
2017	SPP-MRO	1248	Independence Power & Light (Independence, MO)	U.S.	1,041,162	1,041,162			0.215%	0.215%	0.000%	0.000%	0.023%	0.023%	0.000%	0.000%	0.026%
2017	SPP-MRO	1436	City Utilities of Springfield, MO	U.S.	3,108,521	3,108,521			0.640%	0.640%	0.000%	0.000%	0.070%	0.070%	0.000%	0.000%	0.079%
2017	SPP-MRO	1437	East Texas Electric Coop, Inc.	U.S.	430,647	430,647			0.089%	0.089%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	SPP-MRO	1250	The Empire District Electric Company	U.S.	5,156,586	5,156,586			1.062%	1.062%	0.000%	0.000%	0.116%	0.116%	0.000%	0.000%	0.131%
2017	SPP-MRO	1470	Farmers' Electric Coop	U.S.	287,916	287,916			0.059%	0.059%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2017	SPP-MRO	1438	Golden Spread Electric Coop	U.S.	4,970,209	4,970,209			1.024%	1.024%	0.000%	0.000%	0.112%	0.112%	0.000%	0.000%	0.126%
2017	SPP-MRO	1251	Grand River Dam Authority	U.S.	5,213,255	5,213,255			1.074%	1.074%	0.000%	0.000%	0.117%	0.117%	0.000%	0.000%	0.132%
2017	SPP-MRO	1252	Kansas City Power & Light (KCPL)	U.S.	15,476,525	15,476,525			3.189%	3.189%	0.000%	0.000%	0.348%	0.348%	0.000%	0.000%	0.393%
2017	SPP-MRO	1439	Kansas Electric Power Coop., Inc	U.S.	2,109,123	2,109,123			0.435%	0.435%	0.000%	0.000%	0.047%	0.047%	0.000%	0.000%	0.054%
2017	SPP-MRO	1440	Kansas Municipal Energy Agency (KCPL)	U.S.	1,576,773	1,576,773			0.325%	0.325%	0.000%	0.000%	0.035%	0.035%	0.000%	0.000%	0.040%
2017	SPP-MRO	1637	Kansas Power Pool	U.S.	874,058	874,058			0.180%	0.180%	0.000%	0.000%	0.020%	0.020%	0.000%	0.000%	0.022%
2017	SPP-MRO	1598	KCP&L GMOC (Greater Missouri Operations Company)	U.S.	8,505,620	8,505,620			1.752%	1.752%	0.000%	0.000%	0.191%	0.191%	0.000%	0.000%	0.216%
2017	SPP-MRO	1472	Lea County Electric Coop	U.S.	1,212,968	1,212,968			0.250%	0.250%	0.000%	0.000%	0.027%	0.027%	0.000%	0.000%	0.031%
2017	SPP-MRO	1441	Midwest Energy Inc.	U.S.	1,788,935	1,788,935			0.369%	0.369%	0.000%	0.000%	0.040%	0.040%	0.000%	0.000%	0.045%
2017	SPP-MRO-SERC		Missouri Joint Municipal Electric Utility Commission	U.S.	445,643	445,643			0.092%	0.092%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	SPP-MRO	1442	Northeast Texas Electric Cooperative, Inc.	U.S.	3,129,216	3,129,216			0.645%	0.645%	0.000%	0.000%	0.070%	0.070%	0.000%	0.000%	0.080%
2017	SPP-MRO	1255	Oklahoma Gas and Electric Co.	U.S.	28,455,704	28,455,704			5.863%	5.863%	0.000%	0.000%	0.639%	0.639%	0.000%	0.000%	0.723%
2017	SPP-MRO	1444	Oklahoma Municipal Power Auth	U.S.	2,846,675	2,846,675			0.586%	0.586%	0.000%	0.000%	0.064%	0.064%	0.000%	0.000%	0.072%
2017	SPP-MRO	1651	Paragould Light, Water & Cable	U.S.	585,598	585,598			0.121%	0.121%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.015%
2017	SPP-MRO	1725	People's Electric Cooperative	U.S.	494,865	494,865			0.102%	0.102%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.013%
2017	SPP-MRO	1473	Roosevelt County Electric Coop	U.S.	151,197	151,197			0.031%	0.031%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.004%
2017	SPP-MRO	1257	Xcel Energy Company (Southwestern Public Service)	U.S.	21,489,392	21,489,392			4.427%	4.427%	0.000%	0.000%	0.483%	0.483%	0.000%	0.000%	0.546%
2017	SPP-MRO	1256	Sunflower Electric Power Cooperative	U.S.	4,504,839	4,504,839			0.928%	0.928%	0.000%	0.000%	0.101%	0.101%	0.000%	0.000%	0.114%
2017	SPP-MRO	1445	Tex - La Electric Cooperative of Texas	U.S.	488,582	488,582			0.101%	0.101%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.012%
2017	SPP-MRO	1475	Tri County Electric Coop	U.S.	350,534	350,534			0.072%	0.072%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
2017	SPP-MRO	1260	Westar Energy, Inc.	U.S.	21,019,021	21,019,021			4.330%	4.330%	0.000%	0.000%	0.472%	0.472%	0.000%	0.000%	0.534%
2017	SPP-MRO	1259	Western Farmers Electric Cooperative	U.S.	8,403,689	8,403,689			1.731%	1.731%	0.000%	0.000%	0.189%	0.189%	0.000%	0.000%	0.214%
2017	SPP-MRO	1501	West Texas Municipal Power Agency	U.S.	2,782,892	2,782,892			0.573%	0.573%	0.000%	0.000%	0.063%	0.063%	0.000%	0.000%	0.071%
TOTAL MRO					485,380,880	436,708,281	48,672,599	-	100.000%	89.972%	10.028%	0.000%	10.906%	9.812%	1.094%	0.000%	11.098%
2017	NPCC	1336	New England	U.S.	121,220,000	121,220,000			20.033%	20.033%	0.000%	0.000%	2.724%	2.724%	0.000%	0.000%	3.081%
2017	NPCC	1339	New York	U.S.	156,370,000	156,370,000			25.842%	25.842%	0.000%	0.000%	3.514%	3.514%	0.000%	0.000%	3.974%
2017	NPCC	1337	Ontario	Canada	132,091,000		132,091,000		21.830%	0.000%	21.830%	0.000%	2.968%	0.000%	2.968%	0.000%	
2017	NPCC		Quebec	Canada	170,703,000		170,703,000		28.211%	0.000%	28.211%	0.000%	3.836%	0.000%	3.836%	0.000%	
2017	NPCC	1705	New Brunswick	Canada	13,796,000		13,796,000		2.280%	0.000%	2.280%	0.000%	0.310%	0.000%	0.310%	0.000%	
2017	NPCC	1340	Nova Scotia	Canada	10,917,000		10,917,000		1.804%	0.000%	1.804%	0.000%	0.245%	0.000%	0.245%	0.000%	
TOTAL NPCC					605,097,000	277,590,000	327,507,000	-	100.000%	45.875%	54.125%	0.000%	13.596%	6.237%	7.359%	0.000%	7.054%
2017	RF	1102	Cannelton Utilities	U.S.	14,171	14,171			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	RF	1106	City of Croswell	U.S.	39,270	39,270			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	RF	1490	City of Lansing	U.S.	2,178,494	2,178,494			0.250%	0.250%	0.000%	0.000%	0.049%	0.049%	0.000%	0.000%	0.055%
2017	RF	1120	Cloverland Electric Cooperative	U.S.	744,657	744,657			0.085%	0.085%	0.000%	0.000%	0.017%	0.017%	0.000%	0.000%	0.019%
2017	RF	1122	CMS ERM Michigan LLC	U.S.	176,076	176,076			0.020%	0.020%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	RF	1124	Constellation New Energy (MECS-CONS)	U.S.	1,202,920	1,202,920			0.138%	0.138%	0.000%	0.000%	0.027%	0.027%	0.000%	0.000%	0.031%
2017	RF	1123	Constellation New Energy (MECS-DET)	U.S.	1,349,692	1,349,692			0.155%	0.155%	0.000%	0.000%	0.030%	0.030%	0.000%	0.000%	0.034%

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
2017	RF	1126	Consumers Energy Company	U.S.	33,248,491	33,248,491			3.814%	3.814%	0.000%	0.000%	0.747%	0.747%	0.000%	0.000%	0.845%
2017	RF	1128	Detroit Edison Company	U.S.	44,587,232	44,587,232			5.114%	5.114%	0.000%	0.000%	1.002%	1.002%	0.000%	0.000%	1.133%
2017	RF	1166	Duke Energy Indiana	U.S.	29,452,371	29,452,371			3.378%	3.378%	0.000%	0.000%	0.662%	0.662%	0.000%	0.000%	0.748%
2017	RF	1135	Ferdinand Municipal Light & Water	U.S.	49,598	49,598			0.006%	0.006%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	RF	1646	FirstEnergy Solutions (MECS-CONS)	U.S.	857,115	857,115			0.098%	0.098%	0.000%	0.000%	0.019%	0.019%	0.000%	0.000%	0.022%
2017	RF	1549	FirstEnergy Solutions (MECS-DET)	U.S.	1,033,511	1,033,511			0.119%	0.119%	0.000%	0.000%	0.023%	0.023%	0.000%	0.000%	0.026%
2017	RF	1145	Hoosier Energy	U.S.	7,476,941	7,476,941			0.858%	0.858%	0.000%	0.000%	0.168%	0.168%	0.000%	0.000%	0.190%
2017	RF	1148	Indiana Municipal Power Agency (DUKE CIN)	U.S.	3,044,276	3,044,276			0.349%	0.349%	0.000%	0.000%	0.068%	0.068%	0.000%	0.000%	0.077%
2017	RF	1485	Indiana Municipal Power Agency (NIPSCO)	U.S.	423,172	423,172			0.049%	0.049%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	RF	1486	Indiana Municipal Power Agency (SIGE)	U.S.	589,177	589,177			0.068%	0.068%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.015%
2017	RF	1149	Indianapolis Power & Light Co.	U.S.	13,798,463	13,798,463			1.583%	1.583%	0.000%	0.000%	0.310%	0.310%	0.000%	0.000%	0.351%
2017	RF	1553	Integrus Energy Services (MECS-CONS)	U.S.	437,574	437,574			0.050%	0.050%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	RF	1554	Integrus Energy Services (MECS-DET)	U.S.	626,251	626,251			0.072%	0.072%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.016%
2017	RF	1666	Integrus Energy Services	U.S.	295,628	295,628			0.034%	0.034%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2017	RF	1614	Just Energy (MECS-DET)	U.S.	8,535	8,535			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	RF	1154	Michigan Public Power Agency	U.S.	3,781,218	3,781,218			0.434%	0.434%	0.000%	0.000%	0.085%	0.085%	0.000%	0.000%	0.096%
2017	RF	1155	Michigan South Central Power Agency	U.S.	705,981	705,981			0.081%	0.081%	0.000%	0.000%	0.016%	0.016%	0.000%	0.000%	0.018%
2017	RF	1158	MidAmerican Energy Company Retail	U.S.	16,970	16,970			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	RF	1163	Northern Indiana Public Service Co.	U.S.	17,514,746	17,514,746			2.009%	2.009%	0.000%	0.000%	0.394%	0.394%	0.000%	0.000%	0.445%
2017	RF	1164	Ontonagon County Rural Electrification Assoc.	U.S.	27,798	27,798			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	RF	1265	PJM Interconnection, LLC	U.S.	664,258,237	664,258,237			76.195%	76.195%	0.000%	0.000%	14.925%	14.925%	0.000%	0.000%	16.881%
2017	RF	1172	Calpine Energy Solutions (k.n.a.Noble Americas Energy Solutions (MECS-CONS))	U.S.	383,129	383,129			0.044%	0.044%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2017	RF	1171	Calpine Energy Solutions (k.n.a.Noble Americas Energy Solutions (MECS-DET))	U.S.	602,634	602,634			0.069%	0.069%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.015%
2017	RF	1176	Direct Energy (fka:Strategic Energy,LLC) (MECS-CONS)	U.S.	191,510	191,510			0.022%	0.022%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2017	RF	1174	Direct Energy (fka:Strategic Energy,LLC) (MECS-DET)	U.S.	908,353	908,353			0.104%	0.104%	0.000%	0.000%	0.020%	0.020%	0.000%	0.000%	0.023%
2017	RF	1581	Spartan Renewable Energy	U.S.	91,331	91,331			0.010%	0.010%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	RF		Spartan Renewable Energy (MI UP)	U.S.	55,228	55,228			0.006%	0.006%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	RF	1180	Thumb Electric Cooperative	U.S.	180,092	180,092			0.021%	0.021%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2017	RF	1662	Ohio Valley Electric Corporation	U.S.	405,145	405,145			0.046%	0.046%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2017	RF	1181	Vectren Energy Delivery of IN	U.S.	5,080,806	5,080,806			0.583%	0.583%	0.000%	0.000%	0.114%	0.114%	0.000%	0.000%	0.129%
2017	RF	1184	Wabash Valley Power Association Inc. (DUKE CIN)	U.S.	2,815,495	2,815,495			0.323%	0.323%	0.000%	0.000%	0.063%	0.063%	0.000%	0.000%	0.072%
2017	RF	1488	Wabash Valley Power Association Inc.(NIPSCO)	U.S.	1,696,109	1,696,109			0.195%	0.195%	0.000%	0.000%	0.038%	0.038%	0.000%	0.000%	0.043%
2017	RF	1185	Wisconsin Electric Power Co.	U.S.	27,453,163	27,453,163			3.149%	3.149%	0.000%	0.000%	0.617%	0.617%	0.000%	0.000%	0.698%
2017	RF	1189	Wolverine Power Marketing Cooperative	U.S.	757,819	757,819			0.087%	0.087%	0.000%	0.000%	0.017%	0.017%	0.000%	0.000%	0.019%
2017	RF	1191	Wolverine Power Supply Cooperative	U.S.	2,671,685	2,671,685			0.306%	0.306%	0.000%	0.000%	0.060%	0.060%	0.000%	0.000%	0.068%
2017	RF	1190	Wolverine Power Marketing Cooperative(MECS-DET)	U.S.	558,524	558,524			0.064%	0.064%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.014%
			TOTAL RELIABILITYFIRST		871,789,589	871,789,589	-	-	100.000%	100.000%	0.000%	0.000%	19.588%	19.588%	0.000%	0.000%	22.155%
2017	SERC	1267	Alabama Municipal Electric Authority	U.S.	3,358,401	3,358,401			0.326%	0.326%	0.000%	0.000%	0.075%	0.075%	0.000%	0.000%	0.085%
2017	SERC	1268	Alabama Power Company	U.S.	56,129,688	56,129,688			5.456%	5.456%	0.000%	0.000%	1.261%	1.261%	0.000%	0.000%	1.426%
2017	SERC	1269	Ameren - Illinois	U.S.	41,102,000	41,102,000			3.995%	3.995%	0.000%	0.000%	0.924%	0.924%	0.000%	0.000%	1.045%
2017	SERC	1271	Ameren - Missouri	U.S.	36,180,000	36,180,000			3.517%	3.517%	0.000%	0.000%	0.813%	0.813%	0.000%	0.000%	0.919%
2017	SERC	1273	Associated Electric Cooperative Inc.	U.S.	18,890,793	18,890,793			1.836%	1.836%	0.000%	0.000%	0.424%	0.424%	0.000%	0.000%	0.480%
2017	SERC	1582	Beauregard Electric Cooperative, Inc.	U.S.	1,107,602	1,107,602			0.108%	0.108%	0.000%	0.000%	0.025%	0.025%	0.000%	0.000%	0.028%
2017	SERC	1462	Benton Utility District	U.S.	250,113	250,113			0.024%	0.024%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.006%
2017	SERC	1274	Big Rivers Electric Corporation	U.S.	3,673,173	3,673,173			0.357%	0.357%	0.000%	0.000%	0.083%	0.083%	0.000%	0.000%	0.093%
2017	SERC	1275	Black Warrior EMC	U.S.	399,520	399,520			0.039%	0.039%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2017	SERC	1276	Blue Ridge EMC	U.S.	1,352,829	1,352,829			0.131%	0.131%	0.000%	0.000%	0.030%	0.030%	0.000%	0.000%	0.034%
2017	SERC	1628	Brazos Electric Power Cooperative, Inc.	U.S.	467,620	467,620			0.045%	0.045%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.012%

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
2017	SERC	1463	Canton, MS	U.S.	128,254	128,254			0.012%	0.012%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	SERC	1277	Central Electric Power Cooperative Inc.	U.S.	16,725,435	16,725,435			1.626%	1.626%	0.000%	0.000%	0.376%	0.376%	0.000%	0.000%	0.425%
2017	SERC	1667	Century Aluminum - Hawesville	U.S.	1,690,381	1,690,381			0.164%	0.164%	0.000%	0.000%	0.038%	0.038%	0.000%	0.000%	0.043%
2017	SERC	1668	Century Aluminum - Sebree	U.S.	3,362,247	3,362,247			0.327%	0.327%	0.000%	0.000%	0.076%	0.076%	0.000%	0.000%	0.085%
2017	SERC	1278	City of Blountstown FL	U.S.	36,190	36,190			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1279	City of Camden SC	U.S.	187,339	187,339			0.018%	0.018%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2017	SERC	1280	City of Collins MS	U.S.	44,945	44,945			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1281	City of Columbia MO	U.S.	1,170,456	1,170,456			0.114%	0.114%	0.000%	0.000%	0.026%	0.026%	0.000%	0.000%	0.030%
2017	SERC	1282	City of Conway AR (Conway Corporation)	U.S.	991,407	991,407			0.096%	0.096%	0.000%	0.000%	0.022%	0.022%	0.000%	0.000%	0.025%
2017	SERC	1284	City of Evergreen AL	U.S.	54,500	54,500			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1285	City of Hampton GA	U.S.	30,711	30,711			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1286	City of Hartford AL	U.S.	31,077	31,077			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1287	City of Henderson (KY) Municipal Power & Light	U.S.	612,803	612,803			0.060%	0.060%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.016%
2017	SERC	1288	City of North Little Rock AR (DENL)	U.S.	922,357	922,357			0.090%	0.090%	0.000%	0.000%	0.021%	0.021%	0.000%	0.000%	0.023%
2017	SERC	1289	City of Orangeburg SC Department of Public Utilities	U.S.	813,000	813,000			0.079%	0.079%	0.000%	0.000%	0.018%	0.018%	0.000%	0.000%	0.021%
2017	SERC	1290	City of Robertsdale AL	U.S.	81,000	81,000			0.008%	0.008%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	SERC	1291	City of Ruston LA (DERS)	U.S.	272,915	272,915			0.027%	0.027%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2017	SERC	1292	Seneca Light & Power	U.S.	163,978	163,978			0.016%	0.016%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	SERC	1115	City of Springfield (CWLP)	U.S.	1,708,151	1,708,151			0.166%	0.166%	0.000%	0.000%	0.038%	0.038%	0.000%	0.000%	0.043%
2017	SERC	1465	City of Thayer, MO	U.S.	19,916	19,916			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%
2017	SERC	1293	City of Troy AL	U.S.	415,700	415,700			0.040%	0.040%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.011%
2017	SERC	1294	City of West Memphis AR (West Memphis Utilities)	U.S.	380,733	380,733			0.037%	0.037%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2017	SERC	1583	Claiborne Electric Cooperative, Inc.	U.S.	640,552	640,552			0.062%	0.062%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.016%
2017	SERC	1584	Concordia Electric Cooperative, Inc.	U.S.	209,903	209,903			0.020%	0.020%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.005%
2017	SERC	1726	Cube Hydro Carolinas	U.S.	14,458	14,458			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	SERC	1283	Dalton Utilities	U.S.	1,806,387	1,806,387			0.176%	0.176%	0.000%	0.000%	0.041%	0.041%	0.000%	0.000%	0.046%
2017	SERC	1585	Dixie Electric Membership Corporation	U.S.	2,149,385	2,149,385			0.209%	0.209%	0.000%	0.000%	0.048%	0.048%	0.000%	0.000%	0.055%
2017	SERC	1295	Dominion Virginia Power	U.S.	85,011,366	85,011,366			8.263%	8.263%	0.000%	0.000%	1.910%	1.910%	0.000%	0.000%	2.160%
2017	SERC	1296	Duke Energy Carolinas, LLC	U.S.	84,062,584	84,062,584			8.171%	8.171%	0.000%	0.000%	1.889%	1.889%	0.000%	0.000%	2.136%
2017	SERC	1466	Durant, MS	U.S.	25,094	25,094			0.002%	0.002%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1478	LG&E and KU Services Co as agent for LG&E Co and KU Co	U.S.	33,611,358	33,611,358			3.267%	3.267%	0.000%	0.000%	0.755%	0.755%	0.000%	0.000%	0.854%
2017	SERC	1297	East Kentucky Power Cooperative	U.S.	13,156,334	13,156,334			1.279%	1.279%	0.000%	0.000%	0.296%	0.296%	0.000%	0.000%	0.334%
2017	SERC	1298	East Mississippi Electric Power Association	U.S.	410,452	410,452			0.040%	0.040%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2017	SERC	1669	Electricities of North Carolina Inc	U.S.	11,592,845	11,592,845			1.127%	1.127%	0.000%	0.000%	0.260%	0.260%	0.000%	0.000%	0.295%
2017	SERC	1300	EnergyUnited EMC	U.S.	2,517,130	2,517,130			0.245%	0.245%	0.000%	0.000%	0.057%	0.057%	0.000%	0.000%	0.064%
2017	SERC	1301	Entergy	U.S.	118,406,188	118,406,188			11.509%	11.509%	0.000%	0.000%	2.660%	2.660%	0.000%	0.000%	3.009%
2017	SERC	1302	Fayetteville (NC) Public Works Commission	U.S.	2,083,866	2,083,866			0.203%	0.203%	0.000%	0.000%	0.047%	0.047%	0.000%	0.000%	0.053%
2017	SERC	1303	Florida Public Utilities (FL Panhandle Load)	U.S.	306,095	306,095			0.030%	0.030%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2017	SERC	1304	French Broad EMC	U.S.	502,644	502,644			0.049%	0.049%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.013%
2017	SERC	1305	Georgia Power Company	U.S.	84,894,745	84,894,745			8.252%	8.252%	0.000%	0.000%	1.908%	1.908%	0.000%	0.000%	2.157%
2017	SERC	1306	Georgia System Optns Corporation	U.S.	38,909,099	38,909,099			3.782%	3.782%	0.000%	0.000%	0.874%	0.874%	0.000%	0.000%	0.989%
2017	SERC	1479	Greenwood (MS) Utilities Commission	U.S.	279,403	279,403			0.027%	0.027%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2017	SERC	1307	Greenwood (SC) Commissioners of Public Works	U.S.	316,439	316,439			0.031%	0.031%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2017	SERC	1308	Gulf Power Company	U.S.	11,395,597	11,395,597			1.108%	1.108%	0.000%	0.000%	0.256%	0.256%	0.000%	0.000%	0.290%
2017	SERC	1586	Haywood EMC	U.S.	306,654	306,654			0.030%	0.030%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2017	SERC		Hoosier Energy REC, Inc	U.S.	401,175	401,175			0.039%	0.039%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2017	SERC	1309	Illinois Municipal Electric Agency	U.S.	1,895,200	1,895,200			0.184%	0.184%	0.000%	0.000%	0.043%	0.043%	0.000%	0.000%	0.048%
2017	SERC	1480	Itta Bena, MS	U.S.	13,811	13,811			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	SERC	1587	Jefferson Davis Electric Cooperative, Inc.	U.S.	262,174	262,174			0.025%	0.025%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
2017	SERC	1617	Kentucky Municipal Power	U.S.	653,191	653,191			0.063%	0.063%	0.000%	0.000%	0.015%	0.015%	0.000%	0.000%	0.017%
2017	SERC	1481	Kosciusko, MS	U.S.	73,119	73,119			0.007%	0.007%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	SERC	1482	Leland, MS	U.S.	29,889	29,889			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1313	McCormick Commission of Public Works	U.S.	16,341	16,341			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	SERC	1314	Mississippi Power Company	U.S.	10,130,093	10,130,093			0.985%	0.985%	0.000%	0.000%	0.228%	0.228%	0.000%	0.000%	0.257%
2017	SERC	1630	Mt. Carmel Public Utility	U.S.	103,272	103,272			0.010%	0.010%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.003%
2017	SERC	1315	Municipal Electric Authority of Georgia	U.S.	10,809,000	10,809,000			1.051%	1.051%	0.000%	0.000%	0.243%	0.243%	0.000%	0.000%	0.275%
2017	SERC	1316	N.C. Electric Membership Corp.	U.S.	12,702,195	12,702,195			1.235%	1.235%	0.000%	0.000%	0.285%	0.285%	0.000%	0.000%	0.323%
2017	SERC	1588	Northeast Louisiana Power Cooperative, Inc.	U.S.	262,464	262,464			0.026%	0.026%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2017	SERC	1574	Northern Virginia Electric Cooperative	U.S.	4,706,854	4,706,854			0.457%	0.457%	0.000%	0.000%	0.106%	0.106%	0.000%	0.000%	0.120%
2017	SERC	1319	Old Dominion Electric Cooperative	U.S.	4,975,189	4,975,189			0.484%	0.484%	0.000%	0.000%	0.112%	0.112%	0.000%	0.000%	0.126%
2017	SERC	1618	Osceola (Arkansas) Municipal Light and Power	U.S.	155,810	155,810			0.015%	0.015%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	SERC	1320	Owensboro (KY) Municipal Utilities	U.S.	812,635	812,635			0.079%	0.079%	0.000%	0.000%	0.018%	0.018%	0.000%	0.000%	0.021%
2017	SERC	1321	Piedmont EMC in Duke and Progress Areas	U.S.	504,135	504,135			0.049%	0.049%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.013%
2017	SERC	1323	Piedmont Municipal Power Agency (PMPA)	U.S.	2,338,860	2,338,860			0.227%	0.227%	0.000%	0.000%	0.053%	0.053%	0.000%	0.000%	0.059%
2017	SERC	1589	Pointe Coupee Electric Memb. Corp.	U.S.	259,826	259,826			0.025%	0.025%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2017	SERC	1266	PowerSouth Energy	U.S.	8,636,599	8,636,599			0.839%	0.839%	0.000%	0.000%	0.194%	0.194%	0.000%	0.000%	0.219%
2017	SERC	1330	Prairie Power, Inc.	U.S.	1,535,015	1,535,015			0.149%	0.149%	0.000%	0.000%	0.034%	0.034%	0.000%	0.000%	0.039%
2017	SERC	1706	Duke Energy Progress	U.S.	45,904,781	45,904,781			4.462%	4.462%	0.000%	0.000%	1.031%	1.031%	0.000%	0.000%	1.167%
2017	SERC	1325	Rutherford EMC	U.S.	1,306,902	1,306,902			0.127%	0.127%	0.000%	0.000%	0.029%	0.029%	0.000%	0.000%	0.033%
2017	SERC	1631	Sam Rayburn G&T Electric Cooperative Inc.	U.S.	1,783,514	1,783,514			0.173%	0.173%	0.000%	0.000%	0.040%	0.040%	0.000%	0.000%	0.045%
2017	SERC	1326	South Carolina Electric & Gas Company	U.S.	23,114,816	23,114,816			2.247%	2.247%	0.000%	0.000%	0.519%	0.519%	0.000%	0.000%	0.587%
2017	SERC	1327	South Carolina Public Service Authority	U.S.	8,588,567	8,588,567			0.835%	0.835%	0.000%	0.000%	0.193%	0.193%	0.000%	0.000%	0.218%
2017	SERC	1590	South Louisiana Electric Cooperative Association	U.S.	577,068	577,068			0.056%	0.056%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.015%
2017	SERC	1328	Cooperative Energy (formerly SMEPA)	U.S.	9,616,043	9,616,043			0.935%	0.935%	0.000%	0.000%	0.216%	0.216%	0.000%	0.000%	0.244%
2017	SERC	1329	Southern Illinois Power Cooperative	U.S.	1,570,438	1,570,438			0.153%	0.153%	0.000%	0.000%	0.035%	0.035%	0.000%	0.000%	0.040%
2017	SERC	1591	Southwest Louisiana Electric Membership Corporation	U.S.	2,449,955	2,449,955			0.238%	0.238%	0.000%	0.000%	0.055%	0.055%	0.000%	0.000%	0.062%
2017	SERC	1619	Southwestern Electric Cooperative, Inc.	U.S.	419,781	419,781			0.041%	0.041%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.011%
2017	SERC	1331	Tennessee Valley Authority	U.S.	155,211,406	155,211,406			15.086%	15.086%	0.000%	0.000%	3.487%	3.487%	0.000%	0.000%	3.944%
2017	SERC	1632	Tex-La Electric Cooperative of Texas, Inc	U.S.	208,469	208,469			0.020%	0.020%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.005%
2017	SERC	1332	Tombigbee Electric Cooperative Inc.	U.S.	121,131	121,131			0.012%	0.012%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	SERC	1594	Town of Sharpsburg, N.C.	U.S.	19,458	19,458			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	SERC	1595	Town of Stantonburg, N.C. JRO	U.S.	55,573	55,573			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1333	Town of Waynesville NC	U.S.	92,379	92,379			0.009%	0.009%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	SERC	1334	Town of Winnsboro SC	U.S.	62,000	62,000			0.006%	0.006%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.002%
2017	SERC	1335	Town of Winterville NC	U.S.	54,003	54,003			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1597	Washington-St. Tammany Electric Cooperative, Inc.	U.S.	1,029,251	1,029,251			0.100%	0.100%	0.000%	0.000%	0.023%	0.023%	0.000%	0.000%	0.026%
2017	SERC	1435	Arkansas Electric Cooperative Corporation	U.S.	10,250,834	10,250,834			0.996%	0.996%	0.000%	0.000%	0.230%	0.230%	0.000%	0.000%	0.261%
2017	SERC	1557	City of Clarksdale, Mississippi	U.S.	156,418	156,418			0.015%	0.015%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	SERC	1708	City of Abbeville	U.S.	137,537	137,537			0.013%	0.013%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	SERC	1558	Hope Water & Light (HWL)	U.S.	294,430	294,430			0.029%	0.029%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.007%
2017	SERC	1559	City of Minden	U.S.	138,210	138,210			0.013%	0.013%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.004%
2017	SERC	1249	Cleco Power LLC	U.S.	11,205,486	11,205,486			1.089%	1.089%	0.000%	0.000%	0.252%	0.252%	0.000%	0.000%	0.285%
2017	SERC	1648	Jonesboro City Water & Light	U.S.	1,389,314	1,389,314			0.135%	0.135%	0.000%	0.000%	0.031%	0.031%	0.000%	0.000%	0.035%
2017	SERC	1649	Kennett Board of Public Works	U.S.	136,607	136,607			0.013%	0.013%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	SERC	1471	Lafayette Utilities System	U.S.	2,054,903	2,054,903			0.200%	0.200%	0.000%	0.000%	0.046%	0.046%	0.000%	0.000%	0.052%
2017	SERC	1253	Louisiana Energy & Power Authority (LEPA)	U.S.	957,078	957,078			0.093%	0.093%	0.000%	0.000%	0.022%	0.022%	0.000%	0.000%	0.024%
2017	SERC	1650	Malden Board of Public Works	U.S.	49,737	49,737			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1443	Missouri Joint Municipal Electric Utility Commission	U.S.	2,072,115	2,072,115			0.201%	0.201%	0.000%	0.000%	0.047%	0.047%	0.000%	0.000%	0.053%

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
2017	SERC	1639	OzMo Ozark Missouri, West Plains MO	U.S.	188,693	188,693			0.018%	0.018%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2017	SERC	1652	Piggott Municipal Light, Water & Sewer	U.S.	36,524	36,524			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	SERC	1653	Poplar Bluff Municipal Utilities	U.S.	371,235	371,235			0.036%	0.036%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
2017	SERC	1636	City of Prescott	U.S.	81,986	81,986			0.008%	0.008%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	SERC	1561	Public Service Commission of Yazoo City of Mississippi	U.S.	116,966	116,966			0.011%	0.011%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	SERC	1654	Sikeston Board of Municipal Utilities	U.S.	372,304	372,304			0.036%	0.036%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
TOTAL SERC					1,028,836,571	1,028,836,571	-	-	100.000%	100.000%	0.000%	0.000%	23.117%	23.117%	0.000%	0.000%	26.146%
TOTAL SPP					-	-	-	-	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	TRE	1019	ERCOT	U.S.	359,022,162	359,022,162			100.000%	100.000%	0.000%	0.000%	8.067%	8.067%	0.000%	0.000%	9.124%
TOTAL ERCOT					359,022,162	359,022,162	-	-	100.000%	100.000%	0.000%	0.000%	8.067%	8.067%	0.000%	0.000%	9.124%
2017	WECC		Alberta Electric System Operator	Canada	62,244,032		62,244,032		7.173%	0.000%	7.173%	0.000%	1.399%	0.000%	1.399%	0.000%	0.000%
2017	WECC		British Columbia Hydro & Power Authority	Canada	63,896,653		63,896,653		7.364%	0.000%	7.364%	0.000%	1.436%	0.000%	1.436%	0.000%	0.000%
2017	WECC		Centro Nacional de Control de Energia	Mexico	13,232,487			13,232,487	1.525%	0.000%	0.000%	1.525%	0.297%	0.000%	0.000%	0.297%	0.000%
2017	WECC		Ajo Improvement District	U.S.	10,917	10,917			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Arizona Public Service Company	U.S.	29,054,370	29,054,370			3.348%	3.348%	0.000%	0.000%	0.653%	0.653%	0.000%	0.000%	0.738%
2017	WECC		City of Williams	U.S.	44,759	44,759			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Electrical Districts 3	U.S.	85,237	85,237			0.010%	0.010%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	WECC		Aguila Irrigation District - APS	U.S.	33,128	33,128			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Buckeye Water Conservation and Drainage District - APS	U.S.	22,444	22,444			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Electrical District No. 6 of Pinal County - APS	U.S.	2,153	2,153			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Electrical District No. 7 of Maricopa County - APS	U.S.	50,354	50,354			0.006%	0.006%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Electrical District No. 8 of Maricopa County - APS	U.S.	361,508	361,508			0.042%	0.042%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
2017	WECC		Harquahala Valley Power Districts - APS	U.S.	114,457	114,457			0.013%	0.013%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	WECC		Maricopa County Municipal Water Conservation Dist No. 1 - APS	U.S.	51,680	51,680			0.006%	0.006%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		McMullen Valley Water Conservation & Drainage District - APS	U.S.	124,395	124,395			0.014%	0.014%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	WECC		Roosevelt Irrigation District - APS	U.S.	40,913	40,913			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Tonopah Irrigation District - APS	U.S.	27,165	27,165			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Navajo Tribal Utility Authority-Arizona	U.S.	50,356	50,356			0.006%	0.006%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Tohono O'Odham Utility Authority	U.S.	61,695	61,695			0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.002%
2017	WECC		Town of Wickenburg	U.S.	26,553	26,553			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Avista Corporation	U.S.	9,675,178	9,675,178			1.115%	1.115%	0.000%	0.000%	0.217%	0.217%	0.000%	0.000%	0.246%
2017	WECC		Kaiser Aluminum Fabricated Products LLC	U.S.	309,947	309,947			0.036%	0.036%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2017	WECC		Pend Oreille County PUD No. 1	U.S.	1,017,642	1,017,642			0.117%	0.117%	0.000%	0.000%	0.023%	0.023%	0.000%	0.000%	0.026%
2017	WECC		PUD No. 2 of Grant County	U.S.	92,247	92,247			0.011%	0.011%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	WECC		Bonneville Power Administration-Power Services	U.S.	6,362,959	6,362,959			0.733%	0.733%	0.000%	0.000%	0.143%	0.143%	0.000%	0.000%	0.162%
2017	WECC		Bonneville Power Administration-Hydro	U.S.	202,705	202,705			0.023%	0.023%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.005%
2017	WECC		Bonneville Power Administration-Transmission	U.S.	51,706,599	51,706,599			5.959%	5.959%	0.000%	0.000%	1.162%	1.162%	0.000%	0.000%	1.314%
2017	WECC		City of Redding	U.S.	798,841	798,841			0.092%	0.092%	0.000%	0.000%	0.018%	0.018%	0.000%	0.000%	0.020%
2017	WECC		City of Roseville	U.S.	1,249,280	1,249,280			0.144%	0.144%	0.000%	0.000%	0.028%	0.028%	0.000%	0.000%	0.032%
2017	WECC		Modesto Irrigation District	U.S.	2,623,552	2,623,552			0.302%	0.302%	0.000%	0.000%	0.059%	0.059%	0.000%	0.000%	0.067%
2017	WECC		Sacramento Municipal Utility District	U.S.	11,598,647	11,598,647			1.337%	1.337%	0.000%	0.000%	0.261%	0.261%	0.000%	0.000%	0.295%
2017	WECC		Western Area Power Administration-Sierra Nevada Region	U.S.	1,987,830	1,987,830			0.229%	0.229%	0.000%	0.000%	0.045%	0.045%	0.000%	0.000%	0.051%
2017	WECC		California Independent System Operator	U.S.	229,121,130	229,121,130			26.406%	26.406%	0.000%	0.000%	5.148%	5.148%	0.000%	0.000%	5.823%
2017	WECC		El Paso Electric Company	U.S.	8,426,939	8,426,939			0.971%	0.971%	0.000%	0.000%	0.189%	0.189%	0.000%	0.000%	0.214%
2017	WECC		Idaho Power Company	U.S.	15,787,953	15,787,953			1.820%	1.820%	0.000%	0.000%	0.355%	0.355%	0.000%	0.000%	0.401%
2017	WECC		Imperial Irrigation District	U.S.	3,743,508	3,743,508			0.431%	0.431%	0.000%	0.000%	0.084%	0.084%	0.000%	0.000%	0.095%

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
2017	WECC		Los Angeles Department of Water and Power	U.S.	28,793,447	28,793,447			3.318%	3.318%	0.000%	0.000%	0.647%	0.647%	0.000%	0.000%	0.732%
2017	WECC		City of Henderson	U.S.	41,152	41,152			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		City of Las Vegas	U.S.	41,677	41,677			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		City of North Las Vegas	U.S.	23,469	23,469			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Clark County Water Reclamation District	U.S.	81,468	81,468			0.009%	0.009%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	WECC		Colorado River Commission of Nevada	U.S.	472,536	472,536			0.054%	0.054%	0.000%	0.000%	0.011%	0.011%	0.000%	0.000%	0.012%
2017	WECC		Las Vegas Valley Water District	U.S.	108,278	108,278			0.012%	0.012%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.003%
2017	WECC		Nevada Power Company dba NV Energy	U.S.	31,306,340	31,306,340			3.608%	3.608%	0.000%	0.000%	0.703%	0.703%	0.000%	0.000%	0.796%
2017	WECC		MGM Resorts International	U.S.	936,357	936,357			0.108%	0.108%	0.000%	0.000%	0.021%	0.021%	0.000%	0.000%	0.024%
2017	WECC		Switch-North	U.S.	5,780	5,780			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Switch-South	U.S.	296,619	296,619			0.034%	0.034%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2017	WECC		Wynn Las Vegas	U.S.	183,596	183,596			0.021%	0.021%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2017	WECC		Overton Power District No. 5	U.S.	395,749	395,749			0.046%	0.046%	0.000%	0.000%	0.009%	0.009%	0.000%	0.000%	0.010%
2017	WECC		Southern Nevada Water Authority	U.S.	120,912	120,912			0.014%	0.014%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	WECC		Basin Electric Power Cooperative	U.S.	799,330	799,330			0.092%	0.092%	0.000%	0.000%	0.018%	0.018%	0.000%	0.000%	0.020%
2017	WECC		Big Horn County Electric Cooperative	U.S.	38,434	38,434			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		NorthWestern Corp. dba NorthWestern Energy, LLC	U.S.	9,441,724	9,441,724			1.088%	1.088%	0.000%	0.000%	0.212%	0.212%	0.000%	0.000%	0.240%
2017	WECC		Western Area Power Administration-Upper Great Plains Region	U.S.	8,002	8,002			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		PacifiCorp West (PACW)	U.S.	21,567,018	21,567,018			2.486%	2.486%	0.000%	0.000%	0.485%	0.485%	0.000%	0.000%	0.548%
2017	WECC		Constellation New Energy	U.S.	349,466	349,466			0.040%	0.040%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
2017	WECC		3 Phases Renewables	U.S.	220	220			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Avangrid Renewables	U.S.	103,249	103,249			0.012%	0.012%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.003%
2017	WECC		Calpine Energy Solutions, LLC./Noble Americas Energy Solutions, LLC	U.S.	1,636,654	1,636,654			0.189%	0.189%	0.000%	0.000%	0.037%	0.037%	0.000%	0.000%	0.042%
2017	WECC		PacifiCorp (IPC)	U.S.	2,086	2,086			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		PacifiCorp (EasternBalAuth)	U.S.	49,834,039	49,834,039			5.743%	5.743%	0.000%	0.000%	1.120%	1.120%	0.000%	0.000%	1.266%
2017	WECC		PacifiCorp (Portland)	U.S.	4,445	4,445			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		PacifiCorp (WAPA-CO-MO)	U.S.	116,076	116,076			0.013%	0.013%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	WECC		Portland General Electric Company	U.S.	17,596,703	17,596,703			2.028%	2.028%	0.000%	0.000%	0.395%	0.395%	0.000%	0.000%	0.447%
2017	WECC		Shell Energy North America	U.S.	74,824	74,824			0.009%	0.009%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	WECC		Arkansas River Power Authority (ARPA)	U.S.	267,593	267,593			0.031%	0.031%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2017	WECC		Black Hills Colorado Electric	U.S.	2,055,374	2,055,374			0.237%	0.237%	0.000%	0.000%	0.046%	0.046%	0.000%	0.000%	0.052%
2017	WECC		Burlington	U.S.	31,202	31,202			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Colorado Springs Utilities	U.S.	60,450	60,450			0.007%	0.007%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.002%
2017	WECC		Grand Valley Power	U.S.	248,669	248,669			0.029%	0.029%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.006%
2017	WECC		Holy Cross Energy	U.S.	1,036,635	1,036,635			0.119%	0.119%	0.000%	0.000%	0.023%	0.023%	0.000%	0.000%	0.026%
2017	WECC		Intermountain Rural Electric Association	U.S.	2,232,568	2,232,568			0.257%	0.257%	0.000%	0.000%	0.050%	0.050%	0.000%	0.000%	0.057%
2017	WECC		Municipal Energy Agency of Nebraska	U.S.	170,398	170,398			0.020%	0.020%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	WECC		Platte River Power Authority	U.S.	3,228,640	3,228,640			0.372%	0.372%	0.000%	0.000%	0.073%	0.073%	0.000%	0.000%	0.082%
2017	WECC		Public Service Company of Colorado (Xcel)	U.S.	30,398,462	30,398,462			3.503%	3.503%	0.000%	0.000%	0.683%	0.683%	0.000%	0.000%	0.773%
2017	WECC		Public Service Company of Colorado (Xcel)-(WAPA-CO-MO)	U.S.	115,284	115,284			0.013%	0.013%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	WECC		Raton Public Service	U.S.	43,612	43,612			0.005%	0.005%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Town of Center	U.S.	14,886	14,886			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Tri-State Generation & Transmission Assoc. Inc - Reliability	U.S.	2,641,443	2,641,443			0.304%	0.304%	0.000%	0.000%	0.059%	0.059%	0.000%	0.000%	0.067%
2017	WECC		Western Area Power - Loveland, CO	U.S.	169,011	169,011			0.019%	0.019%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	WECC		Yampa Valley Electric Association	U.S.	560,999	560,999			0.065%	0.065%	0.000%	0.000%	0.013%	0.013%	0.000%	0.000%	0.014%
2017	WECC		City of Aztec Electric Dept	U.S.	36,550	36,550			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		City of Gallup	U.S.	221,471	221,471			0.026%	0.026%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.006%
2017	WECC		Jicarilla Apache Nation Power Authority	U.S.	23,054	23,054			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		Kit Carson Electric Inc	U.S.	294,677	294,677			0.034%	0.034%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.007%

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Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
2017	WECC		Navajo Tribal Utility Authority-New Mexico	U.S.	198,362	198,362			0.023%	0.023%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2017	WECC		Public Service Company of New Mexico	U.S.	9,141,458	9,141,458			1.054%	1.054%	0.000%	0.000%	0.205%	0.205%	0.000%	0.000%	0.232%
2017	WECC		The Incorporated County of Los Alamos	U.S.	612,170	612,170			0.071%	0.071%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.016%
2017	WECC		Tri-State Generation & Transmission Association, Inc.	U.S.	2,769,627	2,769,627			0.319%	0.319%	0.000%	0.000%	0.062%	0.062%	0.000%	0.000%	0.070%
2017	WECC		US Dept of Energy - Kirtland AFB	U.S.	425,052	425,052			0.049%	0.049%	0.000%	0.000%	0.010%	0.010%	0.000%	0.000%	0.011%
2017	WECC		Public Utility District No. 1 of Chelan County	U.S.	1,859,763	1,859,763			0.214%	0.214%	0.000%	0.000%	0.042%	0.042%	0.000%	0.000%	0.047%
2017	WECC		Okanogan PUD	U.S.	663,971	663,971			0.077%	0.077%	0.000%	0.000%	0.015%	0.015%	0.000%	0.000%	0.017%
2017	WECC		PUD No. 1 of Douglas County	U.S.	917,441	917,441			0.106%	0.106%	0.000%	0.000%	0.021%	0.021%	0.000%	0.000%	0.023%
2017	WECC		Douglas Palisades / PUD No. 1 of DC	U.S.	20,468	20,468			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%
2017	WECC		PUD No. 2 of Grant County	U.S.	4,771,009	4,771,009			0.550%	0.550%	0.000%	0.000%	0.107%	0.107%	0.000%	0.000%	0.121%
2017	WECC		Puget Sound Energy, Inc.	U.S.	24,489,796	24,489,796			2.822%	2.822%	0.000%	0.000%	0.550%	0.550%	0.000%	0.000%	0.622%
2017	WECC		Salt River Project	U.S.	29,902,054	29,902,054			3.446%	3.446%	0.000%	0.000%	0.672%	0.672%	0.000%	0.000%	0.760%
2017	WECC		Seattle City Light	U.S.	9,963,742	9,963,742			1.148%	1.148%	0.000%	0.000%	0.224%	0.224%	0.000%	0.000%	0.253%
2017	WECC		Barrick Goldstrike Mines Inc.	U.S.	1,387,742	1,387,742			0.160%	0.160%	0.000%	0.000%	0.031%	0.031%	0.000%	0.000%	0.035%
2017	WECC		City of Fallon	U.S.	92,245	92,245			0.011%	0.011%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	WECC		Mt. Wheeler Power	U.S.	552,994	552,994			0.064%	0.064%	0.000%	0.000%	0.012%	0.012%	0.000%	0.000%	0.014%
2017	WECC		Truckee Donner Public Utility District	U.S.	161,518	161,518			0.019%	0.019%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.004%
2017	WECC		Beartooth Electric Cooperative	U.S.	77,005	77,005			0.009%	0.009%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	WECC		City of Tacoma DBA Tacoma Power	U.S.	5,006,565	5,006,565			0.577%	0.577%	0.000%	0.000%	0.112%	0.112%	0.000%	0.000%	0.127%
2017	WECC		Tucson Electric Power Company	U.S.	14,848,416	14,848,416			1.711%	1.711%	0.000%	0.000%	0.334%	0.334%	0.000%	0.000%	0.377%
2017	WECC		Merced Irrigation District	U.S.	519,312	519,312			0.060%	0.060%	0.000%	0.000%	0.012%	0.012%	0.000%	0.000%	0.013%
2017	WECC		Turlock Irrigation District	U.S.	2,179,005	2,179,005			0.251%	0.251%	0.000%	0.000%	0.049%	0.049%	0.000%	0.000%	0.055%
2017	WECC		Basin Electric Power Cooperative	U.S.	2,319,412	2,319,412			0.267%	0.267%	0.000%	0.000%	0.052%	0.052%	0.000%	0.000%	0.059%
2017	WECC		Black Hills Colorado Electric/Cheyenne Light Fuel & Power	U.S.	4,386,123	4,386,123			0.505%	0.505%	0.000%	0.000%	0.099%	0.099%	0.000%	0.000%	0.111%
2017	WECC		Black Hills State University South Dakota	U.S.	20,948	20,948			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.001%
2017	WECC		City of Page	U.S.	72,314	72,314			0.008%	0.008%	0.000%	0.000%	0.002%	0.002%	0.000%	0.000%	0.002%
2017	WECC		Colorado Springs Utilities	U.S.	4,607,995	4,607,995			0.531%	0.531%	0.000%	0.000%	0.104%	0.104%	0.000%	0.000%	0.117%
2017	WECC		Deseret Generation & Transmission Cooperative	U.S.	116,200	116,200			0.013%	0.013%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.003%
2017	WECC		City of Farmington	U.S.	993,038	993,038			0.114%	0.114%	0.000%	0.000%	0.022%	0.022%	0.000%	0.000%	0.025%
2017	WECC		Municipal Energy Agency of Nebraska	U.S.	630,349	630,349			0.073%	0.073%	0.000%	0.000%	0.014%	0.014%	0.000%	0.000%	0.016%
2017	WECC		Navajo Tribal Utility Authority-Colorado	U.S.	216,337	216,337			0.025%	0.025%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.005%
2017	WECC		Navajo Agricultural Products Industry (NAPI)	U.S.	3,279	3,279			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Nebraska Public Power Marketing	U.S.	6,603	6,603			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Francis E. Warren Air Force Base	U.S.	12,103	12,103			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Town of Fredonia	U.S.	10,451	10,451			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Tri-State Generation & Transmission Assoc. Inc - Reliability	U.S.	7,866,215	7,866,215			0.907%	0.907%	0.000%	0.000%	0.177%	0.177%	0.000%	0.000%	0.200%
2017	WECC		Western Area Power Administration - CRSP	U.S.	1,918,249	1,918,249			0.221%	0.221%	0.000%	0.000%	0.043%	0.043%	0.000%	0.000%	0.049%
2017	WECC		Western Area Power - Loveland, CO	U.S.	1,834,005	1,834,005			0.211%	0.211%	0.000%	0.000%	0.041%	0.041%	0.000%	0.000%	0.047%
2017	WECC		Wyoming Municipal Power Agency	U.S.	219,215	219,215			0.025%	0.025%	0.000%	0.000%	0.005%	0.005%	0.000%	0.000%	0.006%
2017	WECC		Basin Electric Power Cooperative	U.S.	147,139	147,139			0.017%	0.017%	0.000%	0.000%	0.003%	0.003%	0.000%	0.000%	0.004%
2017	WECC		Montana-Dakota Utilities Co.	U.S.	22,738	22,738			0.003%	0.003%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%
2017	WECC		NorthWestern Corp. dba NorthWestern Energy, LLC	U.S.	302,542	302,542			0.035%	0.035%	0.000%	0.000%	0.007%	0.007%	0.000%	0.000%	0.008%
2017	WECC		Western Area Power Administration-Upper Great Plains Region	U.S.	355,785	355,785			0.041%	0.041%	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.009%
2017	WECC		Aha Macav Power Service	U.S.	14,656	14,656			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Bureau of Reclamation (Desalter) - c/o DSW EMMO	U.S.	109	109			0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Bureau of Reclamation (Wellfield)	U.S.	6,874	6,874			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Central Arizona Water Conservation District	U.S.	2,279,451	2,279,451			0.263%	0.263%	0.000%	0.000%	0.051%	0.051%	0.000%	0.000%	0.058%
2017	WECC		City of Mesa	U.S.	267,299	267,299			0.031%	0.031%	0.000%	0.000%	0.006%	0.006%	0.000%	0.000%	0.007%
2017	WECC		Needles Public Utilities Authority	U.S.	31,707	31,707			0.004%	0.004%	0.000%	0.000%	0.001%	0.001%	0.000%	0.000%	0.001%

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL	% of RE total	US Total	Canada Total	Mexico Total	% of ERO Total	US Total	Canada Total	Mexico Total	% of ERO - US Only
2017	WECC		Colorado River Agency-Bureau of Indian Affairs	U.S.	17,713	17,713			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Electrical District #2 - Coolidge Generating Station	U.S.	9,210	9,210			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Electrical District #2	U.S.	189,507	189,507			0.022%	0.022%	0.000%	0.000%	0.004%	0.004%	0.000%	0.000%	0.005%
2017	WECC		Silver State Energy Association	U.S.	656,415	656,415			0.076%	0.076%	0.000%	0.000%	0.015%	0.015%	0.000%	0.000%	0.017%
2017	WECC		Arizona Electric Power Cooperative, Inc	U.S.	3,484,373	3,484,373			0.402%	0.402%	0.000%	0.000%	0.078%	0.078%	0.000%	0.000%	0.089%
2017	WECC		U.S. Army Yuma Proving Ground	U.S.	19,644	19,644			0.002%	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Wellton-Mohawk Irrigation & Drainage District	U.S.	5,084	5,084			0.001%	0.001%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	WECC		Western Area Power Administration-Desert Southwest Region	U.S.	1,627,924	1,627,924			0.188%	0.188%	0.000%	0.000%	0.037%	0.037%	0.000%	0.000%	0.041%
TOTAL WECC					867,701,562	728,328,390	126,140,685	13,232,487	100.000%	83.938%	14.537%	1.525%	19.497%	16.365%	2.834%	0.297%	18.509%
TOTAL ERO					4,450,547,164	3,934,994,393	502,320,284	13,232,487	700.000%	619.785%	78.690%	1.525%	100.000%	88.416%	11.287%	0.297%	100.000%
Summary by Regional Entity					Total NEL (MWh)	U.S. NEL	Canada NEL	Mexico NEL									
2017	FRCC				232,719,400	232,719,400	-	-	100.000%	100.000%	0.000%	0.000%	5.229%	5.229%	0.000%	0.000%	5.914%
2017	MRO				485,380,880	436,708,281	48,672,599	-	100.000%	89.972%	10.028%	0.000%	10.906%	9.812%	1.094%	0.000%	11.098%
2017	NPCC				605,097,000	277,590,000	327,507,000	-	100.000%	45.875%	54.125%	0.000%	13.596%	6.237%	7.359%	0.000%	7.054%
2017	RF				871,789,589	871,789,589	-	-	100.000%	100.000%	0.000%	0.000%	19.588%	19.588%	0.000%	0.000%	22.155%
2017	SERC				1,028,836,571	1,028,836,571	-	-	100.000%	100.000%	0.000%	0.000%	23.117%	23.117%	0.000%	0.000%	26.146%
2017	SPP				-	-	-	-	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2017	TRE				359,022,162	359,022,162	-	-	100.000%	100.000%	0.000%	0.000%	8.067%	8.067%	0.000%	0.000%	9.124%
2017	WECC				867,701,562	728,328,390	126,140,685	13,232,487	100.000%	83.938%	14.537%	1.525%	19.497%	16.365%	2.834%	0.297%	18.509%
Total					4,450,547,164	3,934,994,393	502,320,284	13,232,487	700.000%	619.785%	78.690%	1.525%	100.000%	88.416%	11.287%	0.297%	100.000%

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

APPENDIX 2-B

Data Year	Regional Entity	ID	Entity	Country	Total ERO Assessments (NERC, RE & WIRAB Costs)				Total NERC Assessments				Total Regional Entity Assessments (Including WIRAB Assessments)			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	FRCC	1074	Alachua, City of	U.S.	5,544	5,544	-	-	2,151	2,151	-	-	3,393	3,393	-	-
2017	FRCC	1075	Bartow, City of	U.S.	12,071	12,071	-	-	4,683	4,683	-	-	7,388	7,388	-	-
2017	FRCC	1076	Chattahoochee, City of	U.S.	1,510	1,510	-	-	586	586	-	-	924	924	-	-
2017	FRCC	1077	Florida Keys Electric Cooperative Assn	U.S.	30,688	30,688	-	-	11,906	11,906	-	-	18,782	18,782	-	-
2017	FRCC	1078	Florida Power & Light Co.	U.S.	4,679,182	4,679,182	-	-	1,815,373	1,815,373	-	-	2,863,809	2,863,809	-	-
2017	FRCC	1079	Florida Public Utilities Company	U.S.	14,321	14,321	-	-	5,556	5,556	-	-	8,765	8,765	-	-
2017	FRCC	1080	Gainesville Regional Utilities	U.S.	74,114	74,114	-	-	28,754	28,754	-	-	45,360	45,360	-	-
2017	FRCC	1081	Homestead, City of	U.S.	24,387	24,387	-	-	9,461	9,461	-	-	14,925	14,925	-	-
2017	FRCC	1082	JEA	U.S.	512,285	512,285	-	-	198,750	198,750	-	-	313,535	313,535	-	-
2017	FRCC	1083	Lakeland Electric	U.S.	126,271	126,271	-	-	48,989	48,989	-	-	77,282	77,282	-	-
2017	FRCC	1626	Lee County Electric Cooperative, Inc	U.S.	166,452	166,452	-	-	64,578	64,578	-	-	101,874	101,874	-	-
2017	FRCC	1661	City of Lake Worth	U.S.	19,231	19,231	-	-	7,461	7,461	-	-	11,770	11,770	-	-
2017	FRCC	1084	Mount Dora, City of	U.S.	3,760	3,760	-	-	1,459	1,459	-	-	2,301	2,301	-	-
2017	FRCC	1085	New Smyrna Beach, Utilities Commission of	U.S.	17,758	17,758	-	-	6,890	6,890	-	-	10,869	10,869	-	-
2017	FRCC	1086	Orlando Utilities Commission	U.S.	249,649	249,649	-	-	96,856	96,856	-	-	152,793	152,793	-	-
2017	FRCC	1087	Duke Energy Florida	U.S.	1,667,303	1,667,303	-	-	646,860	646,860	-	-	1,020,443	1,020,443	-	-
2017	FRCC	1088	Quincy, City of	U.S.	5,348	5,348	-	-	2,075	2,075	-	-	3,273	3,273	-	-
2017	FRCC	1089	Reedy Creek Improvement District	U.S.	49,551	49,551	-	-	19,224	19,224	-	-	30,327	30,327	-	-
2017	FRCC	1090	St. Cloud, City of (OUC)	U.S.	31,465	31,465	-	-	12,208	12,208	-	-	19,258	19,258	-	-
2017	FRCC	1091	Tallahassee, City of	U.S.	112,850	112,850	-	-	43,782	43,782	-	-	69,068	69,068	-	-
2017	FRCC	1092	Tampa Electric Company	U.S.	830,458	830,458	-	-	322,191	322,191	-	-	508,267	508,267	-	-
2017	FRCC	1603	City of Vero Beach	U.S.	30,974	30,974	-	-	12,017	12,017	-	-	18,957	18,957	-	-
2017	FRCC	1093	Wauchula, City of	U.S.	2,660	2,660	-	-	1,032	1,032	-	-	1,628	1,628	-	-
2017	FRCC	1094	Williston, City of	U.S.	1,481	1,481	-	-	575	575	-	-	907	907	-	-
2017	FRCC	1095	Winter Park, City of	U.S.	18,090	18,090	-	-	7,018	7,018	-	-	11,071	11,071	-	-
2017	FRCC	1724	Moore Haven, City of	U.S.	614	614	-	-	238	238	-	-	376	376	-	-
2017	FRCC	1072	Florida Municipal Power Agency	U.S.	244,866	244,866	-	-	95,000	95,000	-	-	149,866	149,866	-	-
2017	FRCC	1073	Seminole Electric Cooperative	U.S.	589,373	589,373	-	-	228,658	228,658	-	-	360,715	360,715	-	-
TOTAL FRCC					9,522,255	9,522,255	-	-	3,694,330	3,694,330	-	-	5,827,925	5,827,925	-	-
2017	MRO	1199	Basin Electric Power Cooperative	U.S.	924,946	924,946	-	-	307,589	307,589	-	-	617,357	617,357	-	-
2017	MRO	1201	Central Iowa Power Cooperative (CIPCO)	U.S.	135,149	135,149	-	-	44,944	44,944	-	-	90,206	90,206	-	-
2017	MRO	1204	Corn Belt Power Cooperative	U.S.	94,031	94,031	-	-	31,270	31,270	-	-	62,761	62,761	-	-
2017	MRO	1207	Dairyland Power Cooperative	U.S.	262,982	262,982	-	-	87,454	87,454	-	-	175,528	175,528	-	-
2017	MRO	1210	Great River Energy	U.S.	627,467	627,467	-	-	208,663	208,663	-	-	418,804	418,804	-	-
2017	MRO	1222	Minnkota Power Cooperative, Inc.	U.S.	182,939	182,939	-	-	60,836	60,836	-	-	122,103	122,103	-	-
2017	MRO	1230	Nebraska Public Power District	U.S.	653,494	653,494	-	-	217,318	217,318	-	-	436,175	436,175	-	-
2017	MRO	1232	Omaha Public Power District	U.S.	533,333	533,333	-	-	177,359	177,359	-	-	355,974	355,974	-	-
2017	MRO	1240	Western Area Power Administration (UM)	U.S.	442,466	442,466	-	-	147,141	147,141	-	-	295,325	295,325	-	-
2017	MRO	1239	Western Area Power Administration (LM)	U.S.	2,190	2,190	-	-	728	728	-	-	1,462	1,462	-	-
2017	MRO	1217	Manitoba Hydro	CAN	1,147,187	-	1,147,187	-	382,641	-	382,641	-	764,546	-	764,546	-
2017	MRO	1235	SaskPower	CAN	1,189,698	-	1,189,698	-	396,820	-	396,820	-	792,877	-	792,877	-
2017	MRO	1195	Alliant Energy (Alliant East - WPL & Alliant West IPL)	U.S.	1,388,929	1,388,929	-	-	461,886	461,886	-	-	927,043	927,043	-	-
2017	MRO	1710	Dahlberg Electric Company	U.S.	5,345	5,345	-	-	1,778	1,778	-	-	3,568	3,568	-	-
2017	MRO	1216	Madison, Gas and Electric	U.S.	161,524	161,524	-	-	53,714	53,714	-	-	107,809	107,809	-	-
2017	MRO	1220	MidAmerican Energy Company	U.S.	1,225,127	1,225,127	-	-	407,414	407,414	-	-	817,713	817,713	-	-
2017	MRO	1221	Minnesota Power	U.S.	616,550	616,550	-	-	205,033	205,033	-	-	411,517	411,517	-	-
2017	MRO	1226	Montana-Dakota Utilities Co.	U.S.	155,216	155,216	-	-	51,617	51,617	-	-	103,599	103,599	-	-
2017	MRO	1711	North Central Power Company	U.S.	1,774	1,774	-	-	590	590	-	-	1,184	1,184	-	-
2017	MRO	1231	NorthWestern Energy	U.S.	74,341	74,341	-	-	24,722	24,722	-	-	49,619	49,619	-	-
2017	MRO	1712	NorthWestern Wisconsin	U.S.	8,869	8,869	-	-	2,949	2,949	-	-	5,920	5,920	-	-
2017	MRO	1233	Otter Tail Power Company	U.S.	237,503	237,503	-	-	78,981	78,981	-	-	158,522	158,522	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total ERO Assessments (NERC, RE & WIRAB Costs)				Total NERC Assessments				Total Regional Entity Assessments (Including WIRAB Assessments)			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	MRO	1664	Wisconsin Public Service (WPS)	U.S.	558,159	558,159	-	-	185,615	185,615	-	-	372,544	372,544	-	-
2017	MRO	1665	Upper Peninsula Power Company (UPPCO)	U.S.	32,636	32,636	-	-	10,853	10,853	-	-	21,783	21,783	-	-
2017	MRO	1244	Xcel Energy Company (NSP)	U.S.	2,074,430	2,074,430	-	-	689,848	689,848	-	-	1,384,582	1,384,582	-	-
2017	MRO	1196	Ames Municipal Electric System	U.S.	36,092	36,092	-	-	12,002	12,002	-	-	24,090	24,090	-	-
2017	MRO	1604	Atlantic Municipal Utilities	U.S.	3,877	3,877	-	-	1,289	1,289	-	-	2,588	2,588	-	-
2017	MRO	1713	Bloomer Electric & Water Co.	U.S.	2,638	2,638	-	-	877	877	-	-	1,761	1,761	-	-
2017	MRO	1714	Village of Caddott	U.S.	655	655	-	-	218	218	-	-	437	437	-	-
2017	MRO	1200	Cedar Falls Municipal Utilities	U.S.	24,715	24,715	-	-	8,219	8,219	-	-	16,496	16,496	-	-
2017	MRO	1477	Central Minnesota Municipal Power Agency (CMMPA)	U.S.	18,626	18,626	-	-	6,194	6,194	-	-	12,432	12,432	-	-
2017	MRO	1716	Eldridge Electric and Water Utilities	U.S.	2,023	2,023	-	-	673	673	-	-	1,350	1,350	-	-
2017	MRO	1203	City of Escanaba	U.S.	6,579	6,579	-	-	2,188	2,188	-	-	4,391	4,391	-	-
2017	MRO	1205	Falls City Water & Light Department	U.S.	2,810	2,810	-	-	934	934	-	-	1,875	1,875	-	-
2017	MRO	1206	Fremont Department of Utilities	U.S.	20,653	20,653	-	-	6,868	6,868	-	-	13,785	13,785	-	-
2017	MRO	1208	Geneseo Municipal Utilities	U.S.	3,085	3,085	-	-	1,026	1,026	-	-	2,059	2,059	-	-
2017	MRO	1209	Grand Island Utilities Department	U.S.	36,254	36,254	-	-	12,056	12,056	-	-	24,198	24,198	-	-
2017	MRO	1717	Great Lakes Utilities	U.S.	70,478	70,478	-	-	23,437	23,437	-	-	47,041	47,041	-	-
2017	MRO	1718	City of Guttenberg	U.S.	900	900	-	-	299	299	-	-	600	600	-	-
2017	MRO	1606	Harlan Municipal Utilities	U.S.	803	803	-	-	267	267	-	-	536	536	-	-
2017	MRO	1211	Hastings Utilities	U.S.	20,481	20,481	-	-	6,811	6,811	-	-	13,670	13,670	-	-
2017	MRO	1212	Heartland Consumers Power District	U.S.	20,747	20,747	-	-	6,899	6,899	-	-	13,848	13,848	-	-
2017	MRO	1213	Hutchinson Utilities Commission	U.S.	13,872	13,872	-	-	4,613	4,613	-	-	9,259	9,259	-	-
2017	MRO	1719	City of Kasota	U.S.	155	155	-	-	52	52	-	-	104	104	-	-
2017	MRO	1215	Lincoln Electric System	U.S.	152,974	152,974	-	-	50,871	50,871	-	-	102,103	102,103	-	-
2017	MRO	1223	Missouri River Energy Services	U.S.	128,670	128,670	-	-	42,789	42,789	-	-	85,881	85,881	-	-
2017	MRO	1224	MN Municipal Power Agency (MMPA)	U.S.	74,197	74,197	-	-	24,674	24,674	-	-	49,523	49,523	-	-
2017	MRO	1607	Montezuma Municipal Light & Power	U.S.	1,205	1,205	-	-	401	401	-	-	804	804	-	-
2017	MRO	1227	Municipal Energy Agency of Nebraska	U.S.	45,016	45,016	-	-	14,970	14,970	-	-	30,046	30,046	-	-
2017	MRO	1228	Muscatine Power and Water	U.S.	41,921	41,921	-	-	13,941	13,941	-	-	27,980	27,980	-	-
2017	MRO	1229	Nebraska City Utilities	U.S.	6,164	6,164	-	-	2,050	2,050	-	-	4,114	4,114	-	-
2017	MRO	1720	Resale Power Group of Iowa	U.S.	26,899	26,899	-	-	8,945	8,945	-	-	17,954	17,954	-	-
2017	MRO	1721	Rice Lake Utilities	U.S.	7,896	7,896	-	-	2,626	2,626	-	-	5,271	5,271	-	-
2017	MRO	1234	Rochester Public Utilities	U.S.	111	111	-	-	37	37	-	-	74	74	-	-
2017	MRO	1236	Southern Minnesota Municipal Power Agency	U.S.	132,813	132,813	-	-	44,167	44,167	-	-	88,646	88,646	-	-
2017	MRO	1722	City of Spooner	U.S.	1,512	1,512	-	-	503	503	-	-	1,009	1,009	-	-
2017	MRO	1241	Willmar Municipal Utilities	U.S.	11,913	11,913	-	-	3,961	3,961	-	-	7,951	7,951	-	-
2017	MRO	1242	Wisconsin Public Power, Inc. (East and West regions)	U.S.	252,653	252,653	-	-	84,019	84,019	-	-	168,633	168,633	-	-
2017	MRO		Wolverine Power Marketing Cooperative	U.S.	1,711	1,711	-	-	569	569	-	-	1,142	1,142	-	-
2017	SPP-MRO-SERC		Arkansas Electric Cooperative Corporation	U.S.	181,031	181,031	-	-	60,201	60,201	-	-	120,829	120,829	-	-
2017	SPP-MRO	1246	American Electric Power	U.S.	1,767,466	1,767,466	-	-	587,768	587,768	-	-	1,179,698	1,179,698	-	-
2017	SPP-MRO	1707	AEP-VEMCO	U.S.	30,847	30,847	-	-	10,258	10,258	-	-	20,589	20,589	-	-
2017	SPP-MRO	1247	Board of Public Utilities (Kansas City KS)	U.S.	115,593	115,593	-	-	38,440	38,440	-	-	77,152	77,152	-	-
2017	SPP-MRO	1620	Board of Public Utilities, City of McPherson, Kansas	U.S.	50,570	50,570	-	-	16,817	16,817	-	-	33,753	33,753	-	-
2017	SPP-MRO	1647	Carthage City Water & Light	U.S.	14,375	14,375	-	-	4,780	4,780	-	-	9,594	9,594	-	-
2017	SPP-MRO	1469	Central Valley Electric Cooperative	U.S.	39,079	39,079	-	-	12,996	12,996	-	-	26,083	26,083	-	-
2017	SPP-MRO	1556	City of Bentonville	U.S.	33,158	33,158	-	-	11,027	11,027	-	-	22,131	22,131	-	-
2017	SPP-MRO	1709	City of Nixa	U.S.	7,699	7,699	-	-	2,560	2,560	-	-	5,139	5,139	-	-
2017	SPP-MRO	1703	City of Chanute	U.S.	24,041	24,041	-	-	7,995	7,995	-	-	16,046	16,046	-	-
2017	SPP-MRO	1248	Independence Power & Light (Independence, MO)	U.S.	49,701	49,701	-	-	16,528	16,528	-	-	33,173	33,173	-	-
2017	SPP-MRO	1436	City Utilities of Springfield, MO	U.S.	148,389	148,389	-	-	49,347	49,347	-	-	99,043	99,043	-	-
2017	SPP-MRO	1437	East Texas Electric Coop, Inc.	U.S.	20,557	20,557	-	-	6,836	6,836	-	-	13,721	13,721	-	-
2017	SPP-MRO	1250	The Empire District Electric Company	U.S.	246,156	246,156	-	-	81,859	81,859	-	-	164,297	164,297	-	-
2017	SPP-MRO	1470	Farmers' Electric Coop	U.S.	13,744	13,744	-	-	4,571	4,571	-	-	9,173	9,173	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

APPENDIX 2-B

Data Year	Regional Entity	ID	Entity	Country	Total ERO Assessments (NERC, RE & WIRAB Costs)				Total NERC Assessments				Total Regional Entity Assessments (Including WIRAB Assessments)			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	SPP-MRO	1438	Golden Spread Electric Coop	U.S.	237,259	237,259	-	-	78,900	78,900	-	-	158,359	158,359	-	-
2017	SPP-MRO	1251	Grand River Dam Authority	U.S.	248,861	248,861	-	-	82,758	82,758	-	-	166,103	166,103	-	-
2017	SPP-MRO	1252	Kansas City Power & Light (KCPL)	U.S.	738,791	738,791	-	-	245,684	245,684	-	-	493,108	493,108	-	-
2017	SPP-MRO	1439	Kansas Electric Power Coop., Inc	U.S.	100,682	100,682	-	-	33,482	33,482	-	-	67,200	67,200	-	-
2017	SPP-MRO	1440	Kansas Municipal Energy Agency (KCPL)	U.S.	75,269	75,269	-	-	25,031	25,031	-	-	50,239	50,239	-	-
2017	SPP-MRO	1637	Kansas Power Pool	U.S.	41,724	41,724	-	-	13,875	13,875	-	-	27,849	27,849	-	-
2017	SPP-MRO	1598	KCP&L GMOC (Greater Missouri Operations Company)	U.S.	406,026	406,026	-	-	135,023	135,023	-	-	271,003	271,003	-	-
2017	SPP-MRO	1472	Lea County Electric Coop	U.S.	57,903	57,903	-	-	19,255	19,255	-	-	38,647	38,647	-	-
2017	SPP-MRO	1441	Midwest Energy Inc.	U.S.	85,397	85,397	-	-	28,399	28,399	-	-	56,998	56,998	-	-
2017	SPP-MRO-SERC		Missouri Joint Municipal Electric Utility Commission	U.S.	21,273	21,273	-	-	7,074	7,074	-	-	14,199	14,199	-	-
2017	SPP-MRO	1442	Northeast Texas Electric Cooperative, Inc.	U.S.	149,377	149,377	-	-	49,675	49,675	-	-	99,702	99,702	-	-
2017	SPP-MRO	1255	Oklahoma Gas and Electric Co.	U.S.	1,358,369	1,358,369	-	-	451,723	451,723	-	-	906,646	906,646	-	-
2017	SPP-MRO	1444	Oklahoma Municipal Power Auth	U.S.	135,890	135,890	-	-	45,190	45,190	-	-	90,700	90,700	-	-
2017	SPP-MRO	1651	Paragould Light, Water & Cable	U.S.	27,954	27,954	-	-	9,296	9,296	-	-	18,658	18,658	-	-
2017	SPP-MRO	1725	People's Electric Cooperative	U.S.	23,623	23,623	-	-	7,856	7,856	-	-	15,767	15,767	-	-
2017	SPP-MRO	1473	Roosevelt County Electric Coop	U.S.	7,218	7,218	-	-	2,400	2,400	-	-	4,817	4,817	-	-
2017	SPP-MRO	1257	Xcel Energy Company (Southwestern Public Service)	U.S.	1,025,823	1,025,823	-	-	341,136	341,136	-	-	684,687	684,687	-	-
2017	SPP-MRO	1256	Sunflower Electric Power Cooperative	U.S.	215,044	215,044	-	-	71,513	71,513	-	-	143,532	143,532	-	-
2017	SPP-MRO	1445	Tex - La Electric Cooperative of Texas	U.S.	23,323	23,323	-	-	7,756	7,756	-	-	15,567	15,567	-	-
2017	SPP-MRO	1475	Tri County Electric Coop	U.S.	16,733	16,733	-	-	5,565	5,565	-	-	11,169	11,169	-	-
2017	SPP-MRO	1260	Westar Energy, Inc.	U.S.	1,003,369	1,003,369	-	-	333,669	333,669	-	-	669,701	669,701	-	-
2017	SPP-MRO	1259	Western Farmers Electric Cooperative	U.S.	401,161	401,161	-	-	133,405	133,405	-	-	267,755	267,755	-	-
2017	SPP-MRO	1501	West Texas Municipal Power Agency	U.S.	132,845	132,845	-	-	44,177	44,177	-	-	88,668	88,668	-	-
TOTAL MRO					23,183,705	20,846,820	2,336,885	-	7,712,036	6,932,574	779,462	-	15,471,669	13,914,246	1,557,423	-
2017	NPCC	1336	New England	U.S.	5,924,309	5,924,309	-	-	1,924,320	1,924,320	-	-	3,999,989	3,999,989	-	-
2017	NPCC	1339	New York	U.S.	7,651,580	7,651,580	-	-	2,482,313	2,482,313	-	-	5,169,267	5,169,267	-	-
2017	NPCC	1337	Ontario	Canada	3,582,527	-	3,582,527	-	1,418,177	-	1,418,177	-	2,164,350	-	2,164,350	-
2017	NPCC		Quebec	Canada	5,063,237	-	5,063,237	-	2,004,960	-	2,004,960	-	3,058,277	-	3,058,277	-
2017	NPCC	1705	New Brunswick	Canada	502,544	-	502,544	-	148,152	-	148,152	-	354,392	-	354,392	-
2017	NPCC	1340	Nova Scotia	Canada	431,965	-	431,965	-	174,829	-	174,829	-	257,136	-	257,136	-
TOTAL NPCC					23,156,162	13,575,889	9,580,272	-	8,152,751	4,406,633	3,746,117	-	15,003,411	9,169,256	5,834,155	-
2017	RF	1102	Cannelton Utilities	U.S.	570	570	-	-	225	225	-	-	346	346	-	-
2017	RF	1106	City of Croswell	U.S.	1,581	1,581	-	-	623	623	-	-	957	957	-	-
2017	RF	1490	City of Lansing	U.S.	87,698	87,698	-	-	34,583	34,583	-	-	53,116	53,116	-	-
2017	RF	1120	Cloverland Electric Cooperative	U.S.	29,977	29,977	-	-	11,821	11,821	-	-	18,156	18,156	-	-
2017	RF	1122	CMS ERM Michigan LLC	U.S.	7,088	7,088	-	-	2,795	2,795	-	-	4,293	4,293	-	-
2017	RF	1124	Constellation New Energy (MECS-CONS)	U.S.	48,425	48,425	-	-	19,096	19,096	-	-	29,329	29,329	-	-
2017	RF	1123	Constellation New Energy (MECS-DET)	U.S.	54,334	54,334	-	-	21,426	21,426	-	-	32,908	32,908	-	-
2017	RF	1126	Consumers Energy Company	U.S.	1,338,466	1,338,466	-	-	527,807	527,807	-	-	810,659	810,659	-	-
2017	RF	1128	Detroit Edison Company	U.S.	1,794,924	1,794,924	-	-	707,805	707,805	-	-	1,087,119	1,087,119	-	-
2017	RF	1166	Duke Energy Indiana	U.S.	1,185,648	1,185,648	-	-	467,545	467,545	-	-	718,103	718,103	-	-
2017	RF	1135	Ferdinand Municipal Light & Water	U.S.	1,997	1,997	-	-	787	787	-	-	1,209	1,209	-	-
2017	RF	1646	FirstEnergy Solutions (MECS-CONS)	U.S.	34,504	34,504	-	-	13,606	13,606	-	-	20,898	20,898	-	-
2017	RF	1549	FirstEnergy Solutions (MECS-DET)	U.S.	41,605	41,605	-	-	16,407	16,407	-	-	25,199	25,199	-	-
2017	RF	1145	Hoosier Energy	U.S.	300,995	300,995	-	-	118,694	118,694	-	-	182,302	182,302	-	-
2017	RF	1148	Indiana Municipal Power Agency (DUKE CIN)	U.S.	122,552	122,552	-	-	48,327	48,327	-	-	74,225	74,225	-	-
2017	RF	1485	Indiana Municipal Power Agency (NIPSCO)	U.S.	17,035	17,035	-	-	6,718	6,718	-	-	10,318	10,318	-	-
2017	RF	1486	Indiana Municipal Power Agency (SIGE)	U.S.	23,718	23,718	-	-	9,353	9,353	-	-	14,365	14,365	-	-
2017	RF	1149	Indianapolis Power & Light Co.	U.S.	555,477	555,477	-	-	219,045	219,045	-	-	336,432	336,432	-	-

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APPENDIX 2-B

Data Year	Regional Entity	ID	Entity	Country	Total ERO Assessments (NERC, RE & WIRAB Costs)				Total NERC Assessments				Total Regional Entity Assessments (Including WIRAB Assessments)			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	RF	1553	Integrus Energy Services (MECS-CONS)	U.S.	17,615	17,615	-	-	6,946	6,946	-	-	10,669	10,669	-	-
2017	RF	1554	Integrus Energy Services (MECS-DET)	U.S.	25,211	25,211	-	-	9,941	9,941	-	-	15,269	15,269	-	-
2017	RF	1666	Integrus Energy Services	U.S.	11,901	11,901	-	-	4,693	4,693	-	-	7,208	7,208	-	-
2017	RF	1614	Just Energy (MECS-DET)	U.S.	344	344	-	-	135	135	-	-	208	208	-	-
2017	RF	1154	Michigan Public Power Agency	U.S.	152,218	152,218	-	-	60,025	60,025	-	-	92,193	92,193	-	-
2017	RF	1155	Michigan South Central Power Agency	U.S.	28,420	28,420	-	-	11,207	11,207	-	-	17,213	17,213	-	-
2017	RF	1158	MidAmerican Energy Company Retail	U.S.	683	683	-	-	269	269	-	-	414	414	-	-
2017	RF	1163	Northern Indiana Public Service Co.	U.S.	705,081	705,081	-	-	278,040	278,040	-	-	427,042	427,042	-	-
2017	RF	1164	Ontonagon County Rural Electrification Assoc.	U.S.	1,119	1,119	-	-	441	441	-	-	678	678	-	-
2017	RF	1265	PJM Interconnection, LLC	U.S.	26,740,677	26,740,677	-	-	10,544,842	10,544,842	-	-	16,195,836	16,195,836	-	-
2017	RF	1172	Calpine Energy Solutions (k.n.a.Noble Americas Energy Solutions (MECS-CONS))	U.S.	15,423	15,423	-	-	6,082	6,082	-	-	9,341	9,341	-	-
2017	RF	1171	Calpine Energy Solutions (k.n.a.Noble Americas Energy Solutions (MECS-DET))	U.S.	24,260	24,260	-	-	9,567	9,567	-	-	14,693	14,693	-	-
2017	RF	1176	Direct Energy (fka:Strategic Energy,LLC) (MECS-CONS)	U.S.	7,710	7,710	-	-	3,040	3,040	-	-	4,669	4,669	-	-
2017	RF	1174	Direct Energy (fka:Strategic Energy,LLC) (MECS-DET)	U.S.	36,567	36,567	-	-	14,420	14,420	-	-	22,147	22,147	-	-
2017	RF	1581	Spartan Renewable Energy	U.S.	3,677	3,677	-	-	1,450	1,450	-	-	2,227	2,227	-	-
2017	RF		Spartan Renewable Energy (MI UP)	U.S.	2,223	2,223	-	-	877	877	-	-	1,347	1,347	-	-
2017	RF	1180	Thumb Electric Cooperative	U.S.	7,250	7,250	-	-	2,859	2,859	-	-	4,391	4,391	-	-
2017	RF	1662	Ohio Valley Electric Corporation	U.S.	16,310	16,310	-	-	6,432	6,432	-	-	9,878	9,878	-	-
2017	RF	1181	Vectren Energy Delivery of IN	U.S.	204,535	204,535	-	-	80,656	80,656	-	-	123,879	123,879	-	-
2017	RF	1184	Wabash Valley Power Association Inc. (DUKE CIN)	U.S.	113,342	113,342	-	-	44,695	44,695	-	-	68,647	68,647	-	-
2017	RF	1488	Wabash Valley Power Association Inc.(NIPSCO)	U.S.	68,279	68,279	-	-	26,925	26,925	-	-	41,354	41,354	-	-
2017	RF	1185	Wisconsin Electric Power Co.	U.S.	1,105,167	1,105,167	-	-	435,808	435,808	-	-	669,359	669,359	-	-
2017	RF	1189	Wolverine Power Marketing Cooperative	U.S.	30,507	30,507	-	-	12,030	12,030	-	-	18,477	18,477	-	-
2017	RF	1191	Wolverine Power Supply Cooperative	U.S.	107,553	107,553	-	-	42,412	42,412	-	-	65,141	65,141	-	-
2017	RF	1190	Wolverine Power Marketing Cooperative(MECS-DET)	U.S.	22,484	22,484	-	-	8,866	8,866	-	-	13,618	13,618	-	-
TOTAL RELIABILITYFIRST					35,095,152	35,095,152	-	-	13,839,321	13,839,321	-	-	21,255,831	21,255,831	-	-
2017	SERC	1267	Alabama Municipal Electric Authority	U.S.	110,021	110,021	-	-	53,313	53,313	-	-	56,708	56,708	-	-
2017	SERC	1268	Alabama Power Company	U.S.	1,838,804	1,838,804	-	-	891,037	891,037	-	-	947,767	947,767	-	-
2017	SERC	1269	Ameren - Illinois	U.S.	1,346,498	1,346,498	-	-	652,478	652,478	-	-	694,020	694,020	-	-
2017	SERC	1271	Ameren - Missouri	U.S.	1,185,254	1,185,254	-	-	574,343	574,343	-	-	610,910	610,910	-	-
2017	SERC	1273	Associated Electric Cooperative Inc.	U.S.	618,861	618,861	-	-	299,884	299,884	-	-	318,977	318,977	-	-
2017	SERC	1582	Beauregard Electric Cooperative, Inc.	U.S.	36,285	36,285	-	-	17,583	17,583	-	-	18,702	18,702	-	-
2017	SERC	1462	Benton Utility District	U.S.	8,194	8,194	-	-	3,970	3,970	-	-	4,223	4,223	-	-
2017	SERC	1274	Big Rivers Electric Corporation	U.S.	120,333	120,333	-	-	58,310	58,310	-	-	62,023	62,023	-	-
2017	SERC	1275	Black Warrior EMC	U.S.	13,088	13,088	-	-	6,342	6,342	-	-	6,746	6,746	-	-
2017	SERC	1276	Blue Ridge EMC	U.S.	44,319	44,319	-	-	21,476	21,476	-	-	22,843	22,843	-	-
2017	SERC	1628	Brazos Electric Power Cooperative, Inc.	U.S.	15,319	15,319	-	-	7,423	7,423	-	-	7,896	7,896	-	-
2017	SERC	1463	Canton, MS	U.S.	4,202	4,202	-	-	2,036	2,036	-	-	2,166	2,166	-	-
2017	SERC	1277	Central Electric Power Cooperative Inc.	U.S.	547,924	547,924	-	-	265,510	265,510	-	-	282,414	282,414	-	-
2017	SERC	1667	Century Aluminum - Hawesville	U.S.	55,377	55,377	-	-	26,834	26,834	-	-	28,543	28,543	-	-
2017	SERC	1668	Century Aluminum - Sebree	U.S.	110,147	110,147	-	-	53,374	53,374	-	-	56,773	56,773	-	-
2017	SERC	1278	City of Blountstown FL	U.S.	1,186	1,186	-	-	575	575	-	-	611	611	-	-
2017	SERC	1279	City of Camden SC	U.S.	6,137	6,137	-	-	2,974	2,974	-	-	3,163	3,163	-	-
2017	SERC	1280	City of Collins MS	U.S.	1,472	1,472	-	-	713	713	-	-	759	759	-	-
2017	SERC	1281	City of Columbia MO	U.S.	38,344	38,344	-	-	18,581	18,581	-	-	19,764	19,764	-	-
2017	SERC	1282	City of Conway AR (Conway Corporation)	U.S.	32,478	32,478	-	-	15,738	15,738	-	-	16,740	16,740	-	-
2017	SERC	1284	City of Evergreen AL	U.S.	1,785	1,785	-	-	865	865	-	-	920	920	-	-
2017	SERC	1285	City of Hampton GA	U.S.	1,006	1,006	-	-	488	488	-	-	519	519	-	-
2017	SERC	1286	City of Hartford AL	U.S.	1,018	1,018	-	-	493	493	-	-	525	525	-	-
2017	SERC	1287	City of Henderson (KY) Municipal Power & Light	U.S.	20,075	20,075	-	-	9,728	9,728	-	-	10,347	10,347	-	-
2017	SERC	1288	City of North Little Rock AR (DENL)	U.S.	30,216	30,216	-	-	14,642	14,642	-	-	15,574	15,574	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

APPENDIX 2-B

Data Year	Regional Entity	ID	Entity	Country	Total ERO Assessments (NERC, RE & WIRAB Costs)				Total NERC Assessments				Total Regional Entity Assessments (Including WIRAB Assessments)			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	SERC	1289	City of Orangeburg SC Department of Public Utilities	U.S.	26,634	26,634	-	-	12,906	12,906	-	-	13,728	13,728	-	-
2017	SERC	1290	City of Robertsdale AL	U.S.	2,654	2,654	-	-	1,286	1,286	-	-	1,368	1,368	-	-
2017	SERC	1291	City of Ruston LA (DERS)	U.S.	8,941	8,941	-	-	4,332	4,332	-	-	4,608	4,608	-	-
2017	SERC	1292	Seneca Light & Power	U.S.	5,372	5,372	-	-	2,603	2,603	-	-	2,769	2,769	-	-
2017	SERC	1115	City of Springfield (CWLP)	U.S.	55,959	55,959	-	-	27,116	27,116	-	-	28,843	28,843	-	-
2017	SERC	1465	City of Thayer, MO	U.S.	652	652	-	-	316	316	-	-	336	336	-	-
2017	SERC	1293	City of Troy AL	U.S.	13,618	13,618	-	-	6,599	6,599	-	-	7,019	7,019	-	-
2017	SERC	1294	City of West Memphis AR (West Memphis Utilities)	U.S.	12,473	12,473	-	-	6,044	6,044	-	-	6,429	6,429	-	-
2017	SERC	1583	Claiborne Electric Cooperative, Inc.	U.S.	20,984	20,984	-	-	10,169	10,169	-	-	10,816	10,816	-	-
2017	SERC	1584	Concordia Electric Cooperative, Inc.	U.S.	6,876	6,876	-	-	3,332	3,332	-	-	3,544	3,544	-	-
2017	SERC	1726	Cube Hydro Carolinas	U.S.	474	474	-	-	230	230	-	-	244	244	-	-
2017	SERC	1283	Dalton Utilities	U.S.	59,177	59,177	-	-	28,676	28,676	-	-	30,501	30,501	-	-
2017	SERC	1585	Dixie Electric Membership Corporation	U.S.	70,414	70,414	-	-	34,121	34,121	-	-	36,293	36,293	-	-
2017	SERC	1295	Dominion Virginia Power	U.S.	2,784,965	2,784,965	-	-	1,349,522	1,349,522	-	-	1,435,442	1,435,442	-	-
2017	SERC	1296	Duke Energy Carolinas, LLC	U.S.	2,753,883	2,753,883	-	-	1,334,461	1,334,461	-	-	1,419,422	1,419,422	-	-
2017	SERC	1466	Durant, MS	U.S.	822	822	-	-	398	398	-	-	424	424	-	-
2017	SERC	1478	LG&E and KU Services Co as agent for LG&E Co and KU Co	U.S.	1,101,105	1,101,105	-	-	533,567	533,567	-	-	567,538	567,538	-	-
2017	SERC	1297	East Kentucky Power Cooperative	U.S.	431,000	431,000	-	-	208,852	208,852	-	-	222,149	222,149	-	-
2017	SERC	1298	East Mississippi Electric Power Association	U.S.	13,446	13,446	-	-	6,516	6,516	-	-	6,931	6,931	-	-
2017	SERC	1669	Electricities of North Carolina Inc	U.S.	379,781	379,781	-	-	184,032	184,032	-	-	195,749	195,749	-	-
2017	SERC	1300	EnergyUnited EMC	U.S.	82,461	82,461	-	-	39,958	39,958	-	-	42,502	42,502	-	-
2017	SERC	1301	Entergy	U.S.	3,878,976	3,878,976	-	-	1,879,652	1,879,652	-	-	1,999,324	1,999,324	-	-
2017	SERC	1302	Fayetteville (NC) Public Works Commission	U.S.	68,267	68,267	-	-	33,081	33,081	-	-	35,187	35,187	-	-
2017	SERC	1303	Florida Public Utilities (FL Panhandle Load)	U.S.	10,028	10,028	-	-	4,859	4,859	-	-	5,169	5,169	-	-
2017	SERC	1304	French Broad EMC	U.S.	16,467	16,467	-	-	7,979	7,979	-	-	8,487	8,487	-	-
2017	SERC	1305	Georgia Power Company	U.S.	2,781,144	2,781,144	-	-	1,347,671	1,347,671	-	-	1,433,473	1,433,473	-	-
2017	SERC	1306	Georgia System Optns Corporation	U.S.	1,274,659	1,274,659	-	-	617,667	617,667	-	-	656,992	656,992	-	-
2017	SERC	1479	Greenwood (MS) Utilities Commission	U.S.	9,153	9,153	-	-	4,435	4,435	-	-	4,718	4,718	-	-
2017	SERC	1307	Greenwood (SC) Commissioners of Public Works	U.S.	10,367	10,367	-	-	5,023	5,023	-	-	5,343	5,343	-	-
2017	SERC	1308	Gulf Power Company	U.S.	373,319	373,319	-	-	180,901	180,901	-	-	192,418	192,418	-	-
2017	SERC	1586	Haywood EMC	U.S.	10,046	10,046	-	-	4,868	4,868	-	-	5,178	5,178	-	-
2017	SERC		Hoosier Energy REC, Inc	U.S.	13,142	13,142	-	-	6,368	6,368	-	-	6,774	6,774	-	-
2017	SERC	1309	Illinois Municipal Electric Agency	U.S.	62,087	62,087	-	-	30,086	30,086	-	-	32,001	32,001	-	-
2017	SERC	1480	Itta Bena, MS	U.S.	452	452	-	-	219	219	-	-	233	233	-	-
2017	SERC	1587	Jefferson Davis Electric Cooperative, Inc.	U.S.	8,589	8,589	-	-	4,162	4,162	-	-	4,427	4,427	-	-
2017	SERC	1617	Kentucky Municipal Power	U.S.	21,398	21,398	-	-	10,369	10,369	-	-	11,029	11,029	-	-
2017	SERC	1481	Kosciusko, MS	U.S.	2,395	2,395	-	-	1,161	1,161	-	-	1,235	1,235	-	-
2017	SERC	1482	Leland, MS	U.S.	979	979	-	-	474	474	-	-	505	505	-	-
2017	SERC	1313	McCormick Commission of Public Works	U.S.	535	535	-	-	259	259	-	-	276	276	-	-
2017	SERC	1314	Mississippi Power Company	U.S.	331,861	331,861	-	-	160,811	160,811	-	-	171,050	171,050	-	-
2017	SERC	1630	Mt. Carmel Public Utility	U.S.	3,383	3,383	-	-	1,639	1,639	-	-	1,744	1,744	-	-
2017	SERC	1315	Municipal Electric Authority of Georgia	U.S.	354,102	354,102	-	-	171,589	171,589	-	-	182,513	182,513	-	-
2017	SERC	1316	N.C. Electric Membership Corp.	U.S.	416,123	416,123	-	-	201,642	201,642	-	-	214,480	214,480	-	-
2017	SERC	1588	Northeast Louisiana Power Cooperative, Inc.	U.S.	8,598	8,598	-	-	4,167	4,167	-	-	4,432	4,432	-	-
2017	SERC	1574	Northern Virginia Electric Cooperative	U.S.	154,196	154,196	-	-	74,719	74,719	-	-	79,477	79,477	-	-
2017	SERC	1319	Old Dominion Electric Cooperative	U.S.	162,987	162,987	-	-	78,979	78,979	-	-	84,008	84,008	-	-
2017	SERC	1618	Osceola (Arkansas) Municipal Light and Power	U.S.	5,104	5,104	-	-	2,473	2,473	-	-	2,631	2,631	-	-
2017	SERC	1320	Owensboro (KY) Municipal Utilities	U.S.	26,622	26,622	-	-	12,900	12,900	-	-	13,722	13,722	-	-
2017	SERC	1321	Piedmont EMC in Duke and Progress Areas	U.S.	16,515	16,515	-	-	8,003	8,003	-	-	8,512	8,512	-	-
2017	SERC	1323	Piedmont Municipal Power Agency (PMPA)	U.S.	76,621	76,621	-	-	37,128	37,128	-	-	39,492	39,492	-	-
2017	SERC	1589	Pointe Coupee Electric Memb. Corp.	U.S.	8,512	8,512	-	-	4,125	4,125	-	-	4,387	4,387	-	-
2017	SERC	1266	PowerSouth Energy	U.S.	282,934	282,934	-	-	137,103	137,103	-	-	145,832	145,832	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

APPENDIX 2-B

Data Year	Regional Entity	ID	Entity	Country	Total ERO Assessments (NERC, RE & WIRAB Costs)				Total NERC Assessments				Total Regional Entity Assessments (Including WIRAB Assessments)			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	SERC	1330	Prairie Power, Inc.	U.S.	50,287	50,287	-	-	24,368	24,368	-	-	25,919	25,919	-	-
2017	SERC	1706	Duke Energy Progress	U.S.	1,503,837	1,503,837	-	-	728,721	728,721	-	-	775,116	775,116	-	-
2017	SERC	1325	Rutherford EMC	U.S.	42,814	42,814	-	-	20,747	20,747	-	-	22,067	22,067	-	-
2017	SERC	1631	Sam Rayburn G&T Electric Cooperative Inc.	U.S.	58,428	58,428	-	-	28,313	28,313	-	-	30,115	30,115	-	-
2017	SERC	1326	South Carolina Electric & Gas Company	U.S.	757,239	757,239	-	-	366,939	366,939	-	-	390,301	390,301	-	-
2017	SERC	1327	South Carolina Public Service Authority	U.S.	281,361	281,361	-	-	136,340	136,340	-	-	145,021	145,021	-	-
2017	SERC	1590	South Louisiana Electric Cooperative Association	U.S.	18,905	18,905	-	-	9,161	9,161	-	-	9,744	9,744	-	-
2017	SERC	1328	Cooperative Energy (formerly SMEPA)	U.S.	315,021	315,021	-	-	152,651	152,651	-	-	162,370	162,370	-	-
2017	SERC	1329	Southern Illinois Power Cooperative	U.S.	51,447	51,447	-	-	24,930	24,930	-	-	26,517	26,517	-	-
2017	SERC	1591	Southwest Louisiana Electric Membership Corporation	U.S.	80,260	80,260	-	-	38,892	38,892	-	-	41,368	41,368	-	-
2017	SERC	1619	Southwestern Electric Cooperative, Inc.	U.S.	13,752	13,752	-	-	6,664	6,664	-	-	7,088	7,088	-	-
2017	SERC	1331	Tennessee Valley Authority	U.S.	5,084,712	5,084,712	-	-	2,463,921	2,463,921	-	-	2,620,791	2,620,791	-	-
2017	SERC	1632	Tex-La Electric Cooperative of Texas, Inc	U.S.	6,829	6,829	-	-	3,309	3,309	-	-	3,520	3,520	-	-
2017	SERC	1332	Tombigbee Electric Cooperative Inc.	U.S.	3,968	3,968	-	-	1,923	1,923	-	-	2,045	2,045	-	-
2017	SERC	1594	Town of Sharpsburg, N.C.	U.S.	637	637	-	-	309	309	-	-	329	329	-	-
2017	SERC	1595	Town of Stantonburg, N.C. JRO	U.S.	1,821	1,821	-	-	882	882	-	-	938	938	-	-
2017	SERC	1333	Town of Waynesville NC	U.S.	3,026	3,026	-	-	1,466	1,466	-	-	1,560	1,560	-	-
2017	SERC	1334	Town of Winnsboro SC	U.S.	2,031	2,031	-	-	984	984	-	-	1,047	1,047	-	-
2017	SERC	1335	Town of Winterville NC	U.S.	1,769	1,769	-	-	857	857	-	-	912	912	-	-
2017	SERC	1597	Washington-St.Tammany Electric Cooperative, Inc.	U.S.	33,718	33,718	-	-	16,339	16,339	-	-	17,379	17,379	-	-
2017	SERC	1435	Arkansas Electric Cooperative Corporation	U.S.	335,816	335,816	-	-	162,728	162,728	-	-	173,088	173,088	-	-
2017	SERC	1557	City of Clarksdale, Mississippi	U.S.	5,124	5,124	-	-	2,483	2,483	-	-	2,641	2,641	-	-
2017	SERC	1708	City of Abbeville	U.S.	4,506	4,506	-	-	2,183	2,183	-	-	2,322	2,322	-	-
2017	SERC	1558	Hope Water & Light (HWL)	U.S.	9,646	9,646	-	-	4,674	4,674	-	-	4,972	4,972	-	-
2017	SERC	1559	City of Minden	U.S.	4,528	4,528	-	-	2,194	2,194	-	-	2,334	2,334	-	-
2017	SERC	1249	Cleco Power LLC	U.S.	367,091	367,091	-	-	177,883	177,883	-	-	189,208	189,208	-	-
2017	SERC	1648	Jonesboro City Water & Light	U.S.	45,514	45,514	-	-	22,055	22,055	-	-	23,459	23,459	-	-
2017	SERC	1649	Kennett Board of Public Works	U.S.	4,475	4,475	-	-	2,169	2,169	-	-	2,307	2,307	-	-
2017	SERC	1471	Lafayette Utilities System	U.S.	67,318	67,318	-	-	32,621	32,621	-	-	34,698	34,698	-	-
2017	SERC	1253	Louisiana Energy & Power Authority (LEPA)	U.S.	31,354	31,354	-	-	15,193	15,193	-	-	16,161	16,161	-	-
2017	SERC	1650	Malden Board of Public Works	U.S.	1,629	1,629	-	-	790	790	-	-	840	840	-	-
2017	SERC	1443	Missouri Joint Municipal Electric Utility Commission	U.S.	67,882	67,882	-	-	32,894	32,894	-	-	34,988	34,988	-	-
2017	SERC	1639	OzMo Ozark Missouri, West Plains MO	U.S.	6,182	6,182	-	-	2,995	2,995	-	-	3,186	3,186	-	-
2017	SERC	1652	Piggott Municipal Light, Water & Sewer	U.S.	1,197	1,197	-	-	580	580	-	-	617	617	-	-
2017	SERC	1653	Poplar Bluff Municipal Utilities	U.S.	12,162	12,162	-	-	5,893	5,893	-	-	6,268	6,268	-	-
2017	SERC	1636	City of Prescott	U.S.	2,686	2,686	-	-	1,301	1,301	-	-	1,384	1,384	-	-
2017	SERC	1561	Public Service Commission of Yazoo City of Mississippi	U.S.	3,832	3,832	-	-	1,857	1,857	-	-	1,975	1,975	-	-
2017	SERC	1654	Sikeston Board of Municipal Utilities	U.S.	12,197	12,197	-	-	5,910	5,910	-	-	6,286	6,286	-	-
TOTAL SERC					33,704,596	33,704,596	-	-	16,332,381	16,332,381	-	-	17,372,215	17,372,215	-	-
TOTAL SPP					-	-	-	-	-	-	-	-	-	-	-	-
2017	TRE	1019	ERCOT	U.S.	18,947,337	18,947,337	-	-	5,699,337	5,699,337	-	-	13,248,000	13,248,000	-	-
TOTAL ERCOT					18,947,337	18,947,337	-	-	5,699,337	5,699,337	-	-	13,248,000	13,248,000	-	-
					-				-				-			
2017	WECC		Alberta Electric System Operator	Canada	1,533,210	-	1,533,210	-	656,732	-	656,732	-	876,478	-	876,478	-
2017	WECC		British Columbia Hydro & Power Authority	Canada	3,065,465	-	3,065,465	-	1,023,265	-	1,023,265	-	2,042,199	-	2,042,199	-
2017	WECC		Centro Nacional de Control de Energia	Mexico	634,833	-	-	634,833	211,910	-	-	211,910	422,923	-	-	422,923
2017	WECC		Ajo Improvement District	U.S.	513	513	-	-	173	173	-	-	340	340	-	-
2017	WECC		Arizona Public Service Company	U.S.	1,366,389	1,366,389	-	-	461,227	461,227	-	-	905,162	905,162	-	-
2017	WECC		City of Williams	U.S.	2,105	2,105	-	-	711	711	-	-	1,394	1,394	-	-
2017	WECC		Electrical Districts 3	U.S.	4,009	4,009	-	-	1,353	1,353	-	-	2,655	2,655	-	-

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					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	WECC		Aguila Irrigation District - APS	U.S.	1,558	1,558	-	-	526	526	-	-	1,032	1,032	-	-
2017	WECC		Buckeye Water Conservation and Drainage District - APS	U.S.	1,056	1,056	-	-	356	356	-	-	699	699	-	-
2017	WECC		Electrical District No. 6 of Pinal County - APS	U.S.	101	101	-	-	34	34	-	-	67	67	-	-
2017	WECC		Electrical District No. 7 of Maricopa County - APS	U.S.	2,368	2,368	-	-	799	799	-	-	1,569	1,569	-	-
2017	WECC		Electrical District No. 8 of Maricopa County - APS	U.S.	17,001	17,001	-	-	5,739	5,739	-	-	11,262	11,262	-	-
2017	WECC		Harquahala Valley Power Districts - APS	U.S.	5,383	5,383	-	-	1,817	1,817	-	-	3,566	3,566	-	-
2017	WECC		Maricopa County Municipal Water Conservation Dist No. 1 - APS	U.S.	2,430	2,430	-	-	820	820	-	-	1,610	1,610	-	-
2017	WECC		McMullen Valley Water Conservation & Drainage District - APS	U.S.	5,850	5,850	-	-	1,975	1,975	-	-	3,875	3,875	-	-
2017	WECC		Roosevelt Irrigation District - APS	U.S.	1,924	1,924	-	-	649	649	-	-	1,275	1,275	-	-
2017	WECC		Tonopah Irrigation District - APS	U.S.	1,278	1,278	-	-	431	431	-	-	846	846	-	-
2017	WECC		Navajo Tribal Utility Authority-Arizona	U.S.	2,368	2,368	-	-	799	799	-	-	1,569	1,569	-	-
2017	WECC		Tohono O'Odham Utility Authority	U.S.	2,901	2,901	-	-	979	979	-	-	1,922	1,922	-	-
2017	WECC		Town of Wickenburg	U.S.	1,249	1,249	-	-	422	422	-	-	827	827	-	-
2017	WECC		Avista Corporation	U.S.	455,011	455,011	-	-	153,590	153,590	-	-	301,421	301,421	-	-
2017	WECC		Kaiser Aluminum Fabricated Products LLC	U.S.	14,576	14,576	-	-	4,920	4,920	-	-	9,656	9,656	-	-
2017	WECC		Pend Oreille County PUD No. 1	U.S.	47,858	47,858	-	-	16,155	16,155	-	-	31,704	31,704	-	-
2017	WECC		PUD No. 2 of Grant County	U.S.	4,338	4,338	-	-	1,464	1,464	-	-	2,874	2,874	-	-
2017	WECC		Bonneville Power Administration-Power Services	U.S.	299,242	299,242	-	-	101,010	101,010	-	-	198,232	198,232	-	-
2017	WECC		Bonneville Power Administration-Hydro	U.S.	9,533	9,533	-	-	3,218	3,218	-	-	6,315	6,315	-	-
2017	WECC		Bonneville Power Administration-Transmission	U.S.	2,431,694	2,431,694	-	-	820,822	820,822	-	-	1,610,871	1,610,871	-	-
2017	WECC		City of Redding	U.S.	37,568	37,568	-	-	12,681	12,681	-	-	24,887	24,887	-	-
2017	WECC		City of Roseville	U.S.	58,752	58,752	-	-	19,832	19,832	-	-	38,920	38,920	-	-
2017	WECC		Modesto Irrigation District	U.S.	123,382	123,382	-	-	41,648	41,648	-	-	81,734	81,734	-	-
2017	WECC		Sacramento Municipal Utility District	U.S.	545,469	545,469	-	-	184,124	184,124	-	-	361,345	361,345	-	-
2017	WECC		Western Area Power Administration-Sierra Nevada Region	U.S.	93,485	93,485	-	-	31,556	31,556	-	-	61,929	61,929	-	-
2017	WECC		California Independent System Operator	U.S.	10,775,267	10,775,267	-	-	3,637,209	3,637,209	-	-	7,138,058	7,138,058	-	-
2017	WECC		El Paso Electric Company	U.S.	396,308	396,308	-	-	133,774	133,774	-	-	262,534	262,534	-	-
2017	WECC		Idaho Power Company	U.S.	742,487	742,487	-	-	250,628	250,628	-	-	491,859	491,859	-	-
2017	WECC		Imperial Irrigation District	U.S.	176,052	176,052	-	-	59,427	59,427	-	-	116,626	116,626	-	-
2017	WECC		Los Angeles Department of Water and Power	U.S.	1,354,118	1,354,118	-	-	457,085	457,085	-	-	897,033	897,033	-	-
2017	WECC		City of Henderson	U.S.	1,935	1,935	-	-	653	653	-	-	1,282	1,282	-	-
2017	WECC		City of Las Vegas	U.S.	1,960	1,960	-	-	662	662	-	-	1,298	1,298	-	-
2017	WECC		City of North Las Vegas	U.S.	1,104	1,104	-	-	373	373	-	-	731	731	-	-
2017	WECC		Clark County Water Reclamation District	U.S.	3,831	3,831	-	-	1,293	1,293	-	-	2,538	2,538	-	-
2017	WECC		Colorado River Commission of Nevada	U.S.	22,223	22,223	-	-	7,501	7,501	-	-	14,721	14,721	-	-
2017	WECC		Las Vegas Valley Water District	U.S.	5,092	5,092	-	-	1,719	1,719	-	-	3,373	3,373	-	-
2017	WECC		Nevada Power Company dba NV Energy	U.S.	1,472,296	1,472,296	-	-	496,976	496,976	-	-	975,320	975,320	-	-
2017	WECC		MGM Resorts International	U.S.	44,036	44,036	-	-	14,864	14,864	-	-	29,171	29,171	-	-
2017	WECC		Switch-North	U.S.	272	272	-	-	92	92	-	-	180	180	-	-
2017	WECC		Switch-South	U.S.	13,950	13,950	-	-	4,709	4,709	-	-	9,241	9,241	-	-
2017	WECC		Wynn Las Vegas	U.S.	8,634	8,634	-	-	2,915	2,915	-	-	5,720	5,720	-	-
2017	WECC		Overton Power District No. 5	U.S.	18,612	18,612	-	-	6,282	6,282	-	-	12,329	12,329	-	-
2017	WECC		Southern Nevada Water Authority	U.S.	5,686	5,686	-	-	1,919	1,919	-	-	3,767	3,767	-	-
2017	WECC		Basin Electric Power Cooperative	U.S.	37,591	37,591	-	-	12,689	12,689	-	-	24,902	24,902	-	-
2017	WECC		Big Horn County Electric Cooperative	U.S.	1,808	1,808	-	-	610	610	-	-	1,197	1,197	-	-
2017	WECC		NorthWestern Corp. dba NorthWestern Energy, LLC	U.S.	444,032	444,032	-	-	149,884	149,884	-	-	294,148	294,148	-	-
2017	WECC		Western Area Power Administration-Upper Great Plains Region	U.S.	376	376	-	-	127	127	-	-	249	249	-	-
2017	WECC		PacifiCorp West (PACW)	U.S.	1,014,269	1,014,269	-	-	342,368	342,368	-	-	671,901	671,901	-	-
2017	WECC		Constellation New Energy	U.S.	16,435	16,435	-	-	5,548	5,548	-	-	10,887	10,887	-	-
2017	WECC		3 Phases Renewables	U.S.	10	10	-	-	3	3	-	-	7	7	-	-
2017	WECC		Avangrid Renewables	U.S.	4,856	4,856	-	-	1,639	1,639	-	-	3,217	3,217	-	-
2017	WECC		Calpine Energy Solutions, LLC./Noble Americas Energy Solutions, LLC	U.S.	76,970	76,970	-	-	25,981	25,981	-	-	50,988	50,988	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total ERO Assessments (NERC, RE & WIRAB Costs)				Total NERC Assessments				Total Regional Entity Assessments (Including WIRAB Assessments)			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	WECC		PacifiCorp (IPC)	U.S.	98	98	-	-	33	33	-	-	65	65	-	-
2017	WECC		PacifiCorp (EasternBalAuth)	U.S.	2,343,630	2,343,630	-	-	791,096	791,096	-	-	1,552,534	1,552,534	-	-
2017	WECC		PacifiCorp (Portland)	U.S.	209	209	-	-	71	71	-	-	138	138	-	-
2017	WECC		PacifiCorp (WAPA-CO-MO)	U.S.	5,459	5,459	-	-	1,843	1,843	-	-	3,616	3,616	-	-
2017	WECC		Portland General Electric Company	U.S.	827,550	827,550	-	-	279,341	279,341	-	-	548,209	548,209	-	-
2017	WECC		Shell Energy North America	U.S.	3,519	3,519	-	-	1,188	1,188	-	-	2,331	2,331	-	-
2017	WECC		Arkansas River Power Authority (ARPA)	U.S.	12,585	12,585	-	-	4,248	4,248	-	-	8,337	8,337	-	-
2017	WECC		Black Hills Colorado Electric	U.S.	96,662	96,662	-	-	32,628	32,628	-	-	64,033	64,033	-	-
2017	WECC		Burlington	U.S.	1,467	1,467	-	-	495	495	-	-	972	972	-	-
2017	WECC		Colorado Springs Utilities	U.S.	2,843	2,843	-	-	960	960	-	-	1,883	1,883	-	-
2017	WECC		Grand Valley Power	U.S.	11,695	11,695	-	-	3,948	3,948	-	-	7,747	7,747	-	-
2017	WECC		Holy Cross Energy	U.S.	48,752	48,752	-	-	16,456	16,456	-	-	32,295	32,295	-	-
2017	WECC		Intermountain Rural Electric Association	U.S.	104,995	104,995	-	-	35,441	35,441	-	-	69,554	69,554	-	-
2017	WECC		Municipal Energy Agency of Nebraska	U.S.	8,014	8,014	-	-	2,705	2,705	-	-	5,309	5,309	-	-
2017	WECC		Platte River Power Authority	U.S.	151,839	151,839	-	-	51,253	51,253	-	-	100,585	100,585	-	-
2017	WECC		Public Service Company of Colorado (Xcel)	U.S.	1,429,600	1,429,600	-	-	482,564	482,564	-	-	947,036	947,036	-	-
2017	WECC		Public Service Company of Colorado (Xcel)-(WAPA-CO-MO)	U.S.	5,422	5,422	-	-	1,830	1,830	-	-	3,592	3,592	-	-
2017	WECC		Raton Public Service	U.S.	2,051	2,051	-	-	692	692	-	-	1,359	1,359	-	-
2017	WECC		Town of Center	U.S.	700	700	-	-	236	236	-	-	464	464	-	-
2017	WECC		Tri-State Generation & Transmission Assoc. Inc - Reliability	U.S.	124,224	124,224	-	-	41,932	41,932	-	-	82,292	82,292	-	-
2017	WECC		Western Area Power - Loveland, CO	U.S.	7,948	7,948	-	-	2,683	2,683	-	-	5,265	5,265	-	-
2017	WECC		Yampa Valley Electric Association	U.S.	26,383	26,383	-	-	8,906	8,906	-	-	17,477	17,477	-	-
2017	WECC		City of Aztec Electric Dept	U.S.	1,719	1,719	-	-	580	580	-	-	1,139	1,139	-	-
2017	WECC		City of Gallup	U.S.	10,415	10,415	-	-	3,516	3,516	-	-	6,900	6,900	-	-
2017	WECC		Jicarilla Apache Nation Power Authority	U.S.	1,084	1,084	-	-	366	366	-	-	718	718	-	-
2017	WECC		Kit Carson Electric Inc	U.S.	13,858	13,858	-	-	4,678	4,678	-	-	9,180	9,180	-	-
2017	WECC		Navajo Tribal Utility Authority-New Mexico	U.S.	9,329	9,329	-	-	3,149	3,149	-	-	6,180	6,180	-	-
2017	WECC		Public Service Company of New Mexico	U.S.	429,911	429,911	-	-	145,117	145,117	-	-	284,794	284,794	-	-
2017	WECC		The Incorporated County of Los Alamos	U.S.	28,790	28,790	-	-	9,718	9,718	-	-	19,072	19,072	-	-
2017	WECC		Tri-State Generation & Transmission Association, Inc.	U.S.	130,252	130,252	-	-	43,967	43,967	-	-	86,285	86,285	-	-
2017	WECC		US Dept of Energy - Kirtland AFB	U.S.	19,990	19,990	-	-	6,748	6,748	-	-	13,242	13,242	-	-
2017	WECC		Public Utility District No. 1 of Chelan County	U.S.	87,462	87,462	-	-	29,523	29,523	-	-	57,939	57,939	-	-
2017	WECC		Okanogan PUD	U.S.	31,226	31,226	-	-	10,540	10,540	-	-	20,685	20,685	-	-
2017	WECC		PUD No. 1 of Douglas County	U.S.	43,146	43,146	-	-	14,564	14,564	-	-	28,582	28,582	-	-
2017	WECC		Douglas Palisades / PUD No. 1 of DC	U.S.	963	963	-	-	325	325	-	-	638	638	-	-
2017	WECC		PUD No. 2 of Grant County	U.S.	224,374	224,374	-	-	75,738	75,738	-	-	148,636	148,636	-	-
2017	WECC		Puget Sound Energy, Inc.	U.S.	1,151,723	1,151,723	-	-	388,766	388,766	-	-	762,957	762,957	-	-
2017	WECC		Salt River Project	U.S.	1,406,254	1,406,254	-	-	474,683	474,683	-	-	931,571	931,571	-	-
2017	WECC		Seattle City Light	U.S.	468,582	468,582	-	-	158,171	158,171	-	-	310,411	310,411	-	-
2017	WECC		Barrick Goldstrike Mines Inc.	U.S.	65,264	65,264	-	-	22,030	22,030	-	-	43,234	43,234	-	-
2017	WECC		City of Fallon	U.S.	4,338	4,338	-	-	1,464	1,464	-	-	2,874	2,874	-	-
2017	WECC		Mt. Wheeler Power	U.S.	26,007	26,007	-	-	8,779	8,779	-	-	17,228	17,228	-	-
2017	WECC		Truckee Donner Public Utility District	U.S.	7,596	7,596	-	-	2,564	2,564	-	-	5,032	5,032	-	-
2017	WECC		Beartooth Electric Cooperative	U.S.	3,621	3,621	-	-	1,222	1,222	-	-	2,399	2,399	-	-
2017	WECC		City of Tacoma DBA Tacoma Power	U.S.	235,452	235,452	-	-	79,477	79,477	-	-	155,975	155,975	-	-
2017	WECC		Tucson Electric Power Company	U.S.	698,302	698,302	-	-	235,713	235,713	-	-	462,589	462,589	-	-
2017	WECC		Merced Irrigation District	U.S.	24,423	24,423	-	-	8,244	8,244	-	-	16,179	16,179	-	-
2017	WECC		Turlock Irrigation District	U.S.	102,476	102,476	-	-	34,591	34,591	-	-	67,885	67,885	-	-
2017	WECC		Basin Electric Power Cooperative	U.S.	109,079	109,079	-	-	36,820	36,820	-	-	72,259	72,259	-	-
2017	WECC		Black Hills Colorado Electric/Cheyenne Light Fuel & Power	U.S.	206,274	206,274	-	-	69,628	69,628	-	-	136,646	136,646	-	-
2017	WECC		Black Hills State University South Dakota	U.S.	985	985	-	-	333	333	-	-	653	653	-	-
2017	WECC		City of Page	U.S.	3,401	3,401	-	-	1,148	1,148	-	-	2,253	2,253	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

APPENDIX 2-B

Data Year	Regional Entity	ID	Entity	Country	Total ERO Assessments (NERC, RE & WIRAB Costs)				Total NERC Assessments				Total Regional Entity Assessments (Including WIRAB Assessments)			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	WECC		Colorado Springs Utilities	U.S.	216,708	216,708	-	-	73,150	73,150	-	-	143,558	143,558	-	-
2017	WECC		Deseret Generation & Transmission Cooperative	U.S.	5,465	5,465	-	-	1,845	1,845	-	-	3,620	3,620	-	-
2017	WECC		City of Farmington	U.S.	46,701	46,701	-	-	15,764	15,764	-	-	30,937	30,937	-	-
2017	WECC		Municipal Energy Agency of Nebraska	U.S.	29,644	29,644	-	-	10,007	10,007	-	-	19,638	19,638	-	-
2017	WECC		Navajo Tribal Utility Authority-Colorado	U.S.	10,174	10,174	-	-	3,434	3,434	-	-	6,740	6,740	-	-
2017	WECC		Navajo Agricultural Products Industry (NAPI)	U.S.	154	154	-	-	52	52	-	-	102	102	-	-
2017	WECC		Nebraska Public Power Marketing	U.S.	311	311	-	-	105	105	-	-	206	206	-	-
2017	WECC		Francis E. Warren Air Force Base	U.S.	569	569	-	-	192	192	-	-	377	377	-	-
2017	WECC		Town of Fredonia	U.S.	491	491	-	-	166	166	-	-	326	326	-	-
2017	WECC		Tri-State Generation & Transmission Assoc. Inc - Reliability	U.S.	369,938	369,938	-	-	124,873	124,873	-	-	245,065	245,065	-	-
2017	WECC		Western Area Power Administration - CRSP	U.S.	90,213	90,213	-	-	30,451	30,451	-	-	59,761	59,761	-	-
2017	WECC		Western Area Power - Loveland, CO	U.S.	86,251	86,251	-	-	29,114	29,114	-	-	57,137	57,137	-	-
2017	WECC		Wyoming Municipal Power Agency	U.S.	10,309	10,309	-	-	3,480	3,480	-	-	6,829	6,829	-	-
2017	WECC		Basin Electric Power Cooperative	U.S.	6,920	6,920	-	-	2,336	2,336	-	-	4,584	4,584	-	-
2017	WECC		Montana-Dakota Utilities Co.	U.S.	1,069	1,069	-	-	361	361	-	-	708	708	-	-
2017	WECC		NorthWestern Corp. dba NorthWestern Energy, LLC	U.S.	14,228	14,228	-	-	4,803	4,803	-	-	9,425	9,425	-	-
2017	WECC		Western Area Power Administration-Upper Great Plains Region	U.S.	16,732	16,732	-	-	5,648	5,648	-	-	11,084	11,084	-	-
2017	WECC		Aha Macav Power Service	U.S.	689	689	-	-	233	233	-	-	457	457	-	-
2017	WECC		Bureau of Reclamation (Desalter) - c/o DSW EMMO	U.S.	5	5	-	-	2	2	-	-	3	3	-	-
2017	WECC		Bureau of Reclamation (Wellfield)	U.S.	323	323	-	-	109	109	-	-	214	214	-	-
2017	WECC		Central Arizona Water Conservation District	U.S.	107,200	107,200	-	-	36,185	36,185	-	-	71,014	71,014	-	-
2017	WECC		City of Mesa	U.S.	12,571	12,571	-	-	4,243	4,243	-	-	8,327	8,327	-	-
2017	WECC		Needles Public Utilities Authority	U.S.	1,491	1,491	-	-	503	503	-	-	988	988	-	-
2017	WECC		Colorado River Agency-Bureau of Indian Affairs	U.S.	833	833	-	-	281	281	-	-	552	552	-	-
2017	WECC		Electrical District #2 - Coolidge Generating Station	U.S.	433	433	-	-	146	146	-	-	287	287	-	-
2017	WECC		Electrical District #2	U.S.	8,912	8,912	-	-	3,008	3,008	-	-	5,904	5,904	-	-
2017	WECC		Silver State Energy Association	U.S.	30,870	30,870	-	-	10,420	10,420	-	-	20,450	20,450	-	-
2017	WECC		Arizona Electric Power Cooperative, Inc	U.S.	163,865	163,865	-	-	55,313	55,313	-	-	108,552	108,552	-	-
2017	WECC		U.S. Army Yuma Proving Ground	U.S.	924	924	-	-	312	312	-	-	612	612	-	-
2017	WECC		Wellton-Mohawk Irrigation & Drainage District	U.S.	239	239	-	-	81	81	-	-	158	158	-	-
2017	WECC		Western Area Power Administration-Desert Southwest Region	U.S.	76,559	76,559	-	-	25,843	25,843	-	-	50,716	50,716	-	-
TOTAL WECC					39,485,838	34,252,330	4,598,675	634,833	13,453,838	11,561,930	1,679,998	211,910	26,032,000	22,690,400	2,918,677	422,923
TOTAL ERO					183,095,046	165,944,381	16,515,832	634,833	68,883,995	62,466,508	6,205,577	211,910	114,211,051	103,477,873	10,310,255	422,923
Summary by Regional Entity																
2017	FRCC				9,522,255	9,522,255	-	-	3,694,330	3,694,330	-	-	5,827,925	5,827,925	-	-
2017	MRO				23,183,705	20,846,820	2,336,885	-	7,712,036	6,932,574	779,462	-	15,471,669	13,914,246	1,557,423	-
2017	NPCC				23,156,162	13,575,889	9,580,272	-	8,152,751	4,406,633	3,746,117	-	15,003,411	9,169,256	5,834,155	-
2017	RF				35,095,152	35,095,152	-	-	13,839,321	13,839,321	-	-	21,255,831	21,255,831	-	-
2017	SERC				33,704,596	33,704,596	-	-	16,332,381	16,332,381	-	-	17,372,215	17,372,215	-	-
2017	SPP				-	-	-	-	-	-	-	-	-	-	-	-
2017	TRE				18,947,337	18,947,337	-	-	5,699,337	5,699,337	-	-	13,248,000	13,248,000	-	-
2017	WECC				39,485,838	34,252,330	4,598,675	634,833	13,453,838	11,561,930	1,679,998	211,910	26,032,000	22,690,400	2,918,677	422,923
Total					183,095,046	165,944,381	16,515,832	634,833	68,883,995	62,466,508	6,205,577	211,910	114,211,051	103,477,873	10,310,255	422,923

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NERC Assessments				NERC NEL Assessments				Penalty Sanctions		NERC Compliance Credits			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico
2017	FRCC	1074	Alachua, City of	U.S.	2,151	2,151	-	-	2,114	2,114	-	-	(19)	(19)	56	56	-	-
2017	FRCC	1075	Bartow, City of	U.S.	4,683	4,683	-	-	4,602	4,602	-	-	(41)	(41)	122	122	-	-
2017	FRCC	1076	Chattahoochee, City of	U.S.	586	586	-	-	576	576	-	-	(5)	(5)	15	15	-	-
2017	FRCC	1077	Florida Keys Electric Cooperative Assn	U.S.	11,906	11,906	-	-	11,701	11,701	-	-	(105)	(105)	310	310	-	-
2017	FRCC	1078	Florida Power & Light Co.	U.S.	1,815,373	1,815,373	-	-	1,784,109	1,784,109	-	-	(15,984)	(15,984)	47,247	47,247	-	-
2017	FRCC	1079	Florida Public Utilities Company	U.S.	5,556	5,556	-	-	5,460	5,460	-	-	(49)	(49)	145	145	-	-
2017	FRCC	1080	Gainesville Regional Utilities	U.S.	28,754	28,754	-	-	28,259	28,259	-	-	(253)	(253)	748	748	-	-
2017	FRCC	1081	Homestead, City of	U.S.	9,461	9,461	-	-	9,298	9,298	-	-	(83)	(83)	246	246	-	-
2017	FRCC	1082	JEA	U.S.	198,750	198,750	-	-	195,327	195,327	-	-	(1,750)	(1,750)	5,173	5,173	-	-
2017	FRCC	1083	Lakeland Electric	U.S.	48,989	48,989	-	-	48,145	48,145	-	-	(431)	(431)	1,275	1,275	-	-
2017	FRCC	1626	Lee County Electric Cooperative, Inc	U.S.	64,578	64,578	-	-	63,466	63,466	-	-	(569)	(569)	1,681	1,681	-	-
2017	FRCC	1661	City of Lake Worth	U.S.	7,461	7,461	-	-	7,333	7,333	-	-	(66)	(66)	194	194	-	-
2017	FRCC	1084	Mount Dora, City of	U.S.	1,459	1,459	-	-	1,434	1,434	-	-	(13)	(13)	38	38	-	-
2017	FRCC	1085	New Smyrna Beach, Utilities Commission of	U.S.	6,890	6,890	-	-	6,771	6,771	-	-	(61)	(61)	179	179	-	-
2017	FRCC	1086	Orlando Utilities Commission	U.S.	96,856	96,856	-	-	95,188	95,188	-	-	(853)	(853)	2,521	2,521	-	-
2017	FRCC	1087	Duke Energy Florida	U.S.	646,860	646,860	-	-	635,720	635,720	-	-	(5,695)	(5,695)	16,835	16,835	-	-
2017	FRCC	1088	Quincy, City of	U.S.	2,075	2,075	-	-	2,039	2,039	-	-	(18)	(18)	54	54	-	-
2017	FRCC	1089	Reedy Creek Improvement District	U.S.	19,224	19,224	-	-	18,893	18,893	-	-	(169)	(169)	500	500	-	-
2017	FRCC	1090	St. Cloud, City of (OUC)	U.S.	12,208	12,208	-	-	11,997	11,997	-	-	(107)	(107)	318	318	-	-
2017	FRCC	1091	Tallahassee, City of	U.S.	43,782	43,782	-	-	43,028	43,028	-	-	(385)	(385)	1,139	1,139	-	-
2017	FRCC	1092	Tampa Electric Company	U.S.	322,191	322,191	-	-	316,642	316,642	-	-	(2,837)	(2,837)	8,385	8,385	-	-
2017	FRCC	1603	City of Vero Beach	U.S.	12,017	12,017	-	-	11,810	11,810	-	-	(106)	(106)	313	313	-	-
2017	FRCC	1093	Wauchula, City of	U.S.	1,032	1,032	-	-	1,014	1,014	-	-	(9)	(9)	27	27	-	-
2017	FRCC	1094	Williston, City of	U.S.	575	575	-	-	565	565	-	-	(5)	(5)	15	15	-	-
2017	FRCC	1095	Winter Park, City of	U.S.	7,018	7,018	-	-	6,897	6,897	-	-	(62)	(62)	183	183	-	-
2017	FRCC	1724	Moore Haven, City of	U.S.	238	238	-	-	234	234	-	-	(2)	(2)	6	6	-	-
2017	FRCC	1072	Florida Municipal Power Agency	U.S.	95,000	95,000	-	-	93,364	93,364	-	-	(836)	(836)	2,472	2,472	-	-
2017	FRCC	1073	Seminole Electric Cooperative	U.S.	228,658	228,658	-	-	224,720	224,720	-	-	(2,013)	(2,013)	5,951	5,951	-	-
TOTAL FRCC					3,694,330	3,694,330	-	-	3,630,708	3,630,708	-	-	(32,528)	(32,528)	96,150	96,150	-	-
-					-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	MRO	1199	Basin Electric Power Cooperative	U.S.	307,589	307,589	-	-	302,292	302,292	-	-	(2,708)	(2,708)	8,005	8,005	-	-
2017	MRO	1201	Central Iowa Power Cooperative (CIPCO)	U.S.	44,944	44,944	-	-	44,170	44,170	-	-	(396)	(396)	1,170	1,170	-	-
2017	MRO	1204	Corn Belt Power Cooperative	U.S.	31,270	31,270	-	-	30,731	30,731	-	-	(275)	(275)	814	814	-	-
2017	MRO	1207	Dairyland Power Cooperative	U.S.	87,454	87,454	-	-	85,948	85,948	-	-	(770)	(770)	2,276	2,276	-	-
2017	MRO	1210	Great River Energy	U.S.	208,663	208,663	-	-	205,069	205,069	-	-	(1,837)	(1,837)	5,431	5,431	-	-
2017	MRO	1222	Minnkota Power Cooperative, Inc.	U.S.	60,836	60,836	-	-	59,788	59,788	-	-	(536)	(536)	1,583	1,583	-	-
2017	MRO	1230	Nebraska Public Power District	U.S.	217,318	217,318	-	-	213,576	213,576	-	-	(1,913)	(1,913)	5,656	5,656	-	-
2017	MRO	1232	Omaha Public Power District	U.S.	177,359	177,359	-	-	174,305	174,305	-	-	(1,562)	(1,562)	4,616	4,616	-	-
2017	MRO	1240	Western Area Power Administration (UM)	U.S.	147,141	147,141	-	-	144,607	144,607	-	-	(1,296)	(1,296)	3,830	3,830	-	-
2017	MRO	1239	Western Area Power Administration (LM)	U.S.	728	728	-	-	716	716	-	-	(6)	(6)	19	19	-	-
2017	MRO	1217	Manitoba Hydro	CAN	382,641	-	382,641	-	372,769	-	372,769	-	-	-	9,872	-	9,872	-
2017	MRO	1235	SaskPower	CAN	396,820	-	396,820	-	386,583	-	386,583	-	-	-	10,238	-	10,238	-
2017	MRO	1195	Alliant Energy (Alliant East - WPL & Alliant West IPL)	U.S.	461,886	461,886	-	-	453,932	453,932	-	-	(4,067)	(4,067)	12,021	12,021	-	-
2017	MRO	1710	Dahlberg Electric Company	U.S.	1,778	1,778	-	-	1,747	1,747	-	-	(16)	(16)	46	46	-	-
2017	MRO	1216	Madison, Gas and Electric	U.S.	53,714	53,714	-	-	52,789	52,789	-	-	(473)	(473)	1,398	1,398	-	-
2017	MRO	1220	MidAmerican Energy Company	U.S.	407,414	407,414	-	-	400,398	400,398	-	-	(3,587)	(3,587)	10,603	10,603	-	-
2017	MRO	1221	Minnesota Power	U.S.	205,033	205,033	-	-	201,502	201,502	-	-	(1,805)	(1,805)	5,336	5,336	-	-
2017	MRO	1226	Montana-Dakota Utilities Co.	U.S.	51,617	51,617	-	-	50,728	50,728	-	-	(454)	(454)	1,343	1,343	-	-
2017	MRO	1711	North Central Power Company	U.S.	590	590	-	-	580	580	-	-	(5)	(5)	15	15	-	-
2017	MRO	1231	NorthWestern Energy	U.S.	24,722	24,722	-	-	24,296	24,296	-	-	(218)	(218)	643	643	-	-
2017	MRO	1712	NorthWestern Wisconsin	U.S.	2,949	2,949	-	-	2,899	2,899	-	-	(26)	(26)	77	77	-	-
2017	MRO	1233	Otter Tail Power Company	U.S.	78,981	78,981	-	-	77,621	77,621	-	-	(695)	(695)	2,056	2,056	-	-
2017	MRO	1664	Wisconsin Public Service (WPS)	U.S.	185,615	185,615	-	-	182,418	182,418	-	-	(1,634)	(1,634)	4,831	4,831	-	-
2017	MRO	1665	Upper Peninsula Power Company (UPPCO)	U.S.	10,853	10,853	-	-	10,666	10,666	-	-	(96)	(96)	282	282	-	-
2017	MRO	1244	Xcel Energy Company (NSP)	U.S.	689,848	689,848	-	-	677,968	677,968	-	-	(6,074)	(6,074)	17,954	17,954	-	-
2017	MRO	1196	Ames Municipal Electric System	U.S.	12,002	12,002	-	-	11,796	11,796	-	-	(106)	(106)	312	312	-	-
2017	MRO	1604	Atlantic Municipal Utilities	U.S.	1,289	1,289	-	-	1,267	1,267	-	-	(11)	(11)	34	34	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NERC Assessments				NERC NEL Assessments				Penalty Sanctions		NERC Compliance Credits			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico
2017	MRO	1713	Bloomer Electric & Water Co.	U.S.	877	877	-	-	862	862	-	-	(8)	(8)	23	23	-	-
2017	MRO	1714	Village of Caddott	U.S.	218	218	-	-	214	214	-	-	(2)	(2)	6	6	-	-
2017	MRO	1200	Cedar Falls Municipal Utilities	U.S.	8,219	8,219	-	-	8,077	8,077	-	-	(72)	(72)	214	214	-	-
2017	MRO	1477	Central Minnesota Municipal Power Agency (CMMPA)	U.S.	6,194	6,194	-	-	6,087	6,087	-	-	(55)	(55)	161	161	-	-
2017	MRO	1716	Eldridge Electric and Water Utilities	U.S.	673	673	-	-	661	661	-	-	(6)	(6)	18	18	-	-
2017	MRO	1203	City of Escanaba	U.S.	2,188	2,188	-	-	2,150	2,150	-	-	(19)	(19)	57	57	-	-
2017	MRO	1205	Falls City Water & Light Department	U.S.	934	934	-	-	918	918	-	-	(8)	(8)	24	24	-	-
2017	MRO	1206	Fremont Department of Utilities	U.S.	6,868	6,868	-	-	6,750	6,750	-	-	(60)	(60)	179	179	-	-
2017	MRO	1208	Geneseo Municipal Utilities	U.S.	1,026	1,026	-	-	1,008	1,008	-	-	(9)	(9)	27	27	-	-
2017	MRO	1209	Grand Island Utilities Department	U.S.	12,056	12,056	-	-	11,849	11,849	-	-	(106)	(106)	314	314	-	-
2017	MRO	1717	Great Lakes Utilities	U.S.	23,437	23,437	-	-	23,034	23,034	-	-	(206)	(206)	610	610	-	-
2017	MRO	1718	City of Guttenberg	U.S.	299	299	-	-	294	294	-	-	(3)	(3)	8	8	-	-
2017	MRO	1606	Harlan Municipal Utilities	U.S.	267	267	-	-	262	262	-	-	(2)	(2)	7	7	-	-
2017	MRO	1211	Hastings Utilities	U.S.	6,811	6,811	-	-	6,694	6,694	-	-	(60)	(60)	177	177	-	-
2017	MRO	1212	Heartland Consumers Power District	U.S.	6,899	6,899	-	-	6,781	6,781	-	-	(61)	(61)	180	180	-	-
2017	MRO	1213	Hutchinson Utilities Commission	U.S.	4,613	4,613	-	-	4,534	4,534	-	-	(41)	(41)	120	120	-	-
2017	MRO	1719	City of Kasota	U.S.	52	52	-	-	51	51	-	-	(0)	(0)	1	1	-	-
2017	MRO	1215	Lincoln Electric System	U.S.	50,871	50,871	-	-	49,995	49,995	-	-	(448)	(448)	1,324	1,324	-	-
2017	MRO	1223	Missouri River Energy Services	U.S.	42,789	42,789	-	-	42,052	42,052	-	-	(377)	(377)	1,114	1,114	-	-
2017	MRO	1224	MN Municipal Power Agency (MMPA)	U.S.	24,674	24,674	-	-	24,249	24,249	-	-	(217)	(217)	642	642	-	-
2017	MRO	1607	Montezuma Municipal Light & Power	U.S.	401	401	-	-	394	394	-	-	(4)	(4)	10	10	-	-
2017	MRO	1227	Municipal Energy Agency of Nebraska	U.S.	14,970	14,970	-	-	14,712	14,712	-	-	(132)	(132)	390	390	-	-
2017	MRO	1228	Muscatine Power and Water	U.S.	13,941	13,941	-	-	13,701	13,701	-	-	(123)	(123)	363	363	-	-
2017	MRO	1229	Nebraska City Utilities	U.S.	2,050	2,050	-	-	2,014	2,014	-	-	(18)	(18)	53	53	-	-
2017	MRO	1720	Resale Power Group of Iowa	U.S.	8,945	8,945	-	-	8,791	8,791	-	-	(79)	(79)	233	233	-	-
2017	MRO	1721	Rice Lake Utilities	U.S.	2,626	2,626	-	-	2,581	2,581	-	-	(23)	(23)	68	68	-	-
2017	MRO	1234	Rochester Public Utilities	U.S.	37	37	-	-	36	36	-	-	(0)	(0)	1	1	-	-
2017	MRO	1236	Southern Minnesota Municipal Power Agency	U.S.	44,167	44,167	-	-	43,406	43,406	-	-	(389)	(389)	1,149	1,149	-	-
2017	MRO	1722	City of Spooner	U.S.	503	503	-	-	494	494	-	-	(4)	(4)	13	13	-	-
2017	MRO	1241	Willmar Municipal Utilities	U.S.	3,961	3,961	-	-	3,893	3,893	-	-	(35)	(35)	103	103	-	-
2017	MRO	1242	Wisconsin Public Power, Inc. (East and West regions)	U.S.	84,019	84,019	-	-	82,572	82,572	-	-	(740)	(740)	2,187	2,187	-	-
2017	MRO		Wolverine Power Marketing Cooperative	U.S.	569	569	-	-	559	559	-	-	(5)	(5)	15	15	-	-
2017	SPP-MRO-SERC		Arkansas Electric Cooperative Corporation	U.S.	60,201	60,201	-	-	59,165	59,165	-	-	(530)	(530)	1,567	1,567	-	-
2017	SPP-MRO	1246	American Electric Power	U.S.	587,768	587,768	-	-	577,646	577,646	-	-	(5,175)	(5,175)	15,297	15,297	-	-
2017	SPP-MRO	1707	AEP-VEMCO	U.S.	10,258	10,258	-	-	10,082	10,082	-	-	(90)	(90)	267	267	-	-
2017	SPP-MRO	1247	Board of Public Utilities (Kansas City KS)	U.S.	38,440	38,440	-	-	37,778	37,778	-	-	(338)	(338)	1,000	1,000	-	-
2017	SPP-MRO	1620	Board of Public Utilities, City of McPherson, Kansas	U.S.	16,817	16,817	-	-	16,527	16,527	-	-	(148)	(148)	438	438	-	-
2017	SPP-MRO	1647	Carthage City Water & Light	U.S.	4,780	4,780	-	-	4,698	4,698	-	-	(42)	(42)	124	124	-	-
2017	SPP-MRO	1469	Central Valley Electric Cooperative	U.S.	12,996	12,996	-	-	12,772	12,772	-	-	(114)	(114)	338	338	-	-
2017	SPP-MRO	1556	City of Bentonville	U.S.	11,027	11,027	-	-	10,837	10,837	-	-	(97)	(97)	287	287	-	-
2017	SPP-MRO	1709	City of Nixa	U.S.	2,560	2,560	-	-	2,516	2,516	-	-	(23)	(23)	67	67	-	-
2017	SPP-MRO	1703	City of Chanute	U.S.	7,995	7,995	-	-	7,857	7,857	-	-	(70)	(70)	208	208	-	-
2017	SPP-MRO	1248	Independence Power & Light (Independence, MO)	U.S.	16,528	16,528	-	-	16,243	16,243	-	-	(146)	(146)	430	430	-	-
2017	SPP-MRO	1436	City Utilities of Springfield, MO	U.S.	49,347	49,347	-	-	48,497	48,497	-	-	(434)	(434)	1,284	1,284	-	-
2017	SPP-MRO	1437	East Texas Electric Coop, Inc.	U.S.	6,836	6,836	-	-	6,719	6,719	-	-	(60)	(60)	178	178	-	-
2017	SPP-MRO	1250	The Empire District Electric Company	U.S.	81,859	81,859	-	-	80,449	80,449	-	-	(721)	(721)	2,130	2,130	-	-
2017	SPP-MRO	1470	Farmers' Electric Coop	U.S.	4,571	4,571	-	-	4,492	4,492	-	-	(40)	(40)	119	119	-	-
2017	SPP-MRO	1438	Golden Spread Electric Coop	U.S.	78,900	78,900	-	-	77,541	77,541	-	-	(695)	(695)	2,053	2,053	-	-
2017	SPP-MRO	1251	Grand River Dam Authority	U.S.	82,758	82,758	-	-	81,333	81,333	-	-	(729)	(729)	2,154	2,154	-	-
2017	SPP-MRO	1252	Kansas City Power & Light (KCPL)	U.S.	245,684	245,684	-	-	241,453	241,453	-	-	(2,163)	(2,163)	6,394	6,394	-	-
2017	SPP-MRO	1439	Kansas Electric Power Coop., Inc	U.S.	33,482	33,482	-	-	32,905	32,905	-	-	(295)	(295)	871	871	-	-
2017	SPP-MRO	1440	Kansas Municipal Energy Agency (KCPL)	U.S.	25,031	25,031	-	-	24,600	24,600	-	-	(220)	(220)	651	651	-	-
2017	SPP-MRO	1637	Kansas Power Pool	U.S.	13,875	13,875	-	-	13,636	13,636	-	-	(122)	(122)	361	361	-	-
2017	SPP-MRO	1598	KCP&L GMOOC (Greater Missouri Operations Company)	U.S.	135,023	135,023	-	-	132,698	132,698	-	-	(1,189)	(1,189)	3,514	3,514	-	-
2017	SPP-MRO	1472	Lea County Electric Coop	U.S.	19,255	19,255	-	-	18,924	18,924	-	-	(170)	(170)	501	501	-	-
2017	SPP-MRO	1441	Midwest Energy Inc.	U.S.	28,399	28,399	-	-	27,910	27,910	-	-	(250)	(250)	739	739	-	-
2017	SPP-MRO-SERC		Missouri Joint Municipal Electric Utility Commission	U.S.	7,074	7,074	-	-	6,953	6,953	-	-	(62)	(62)	184	184	-	-

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					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico
2017	SPP-MRO	1442	Northeast Texas Electric Cooperative, Inc.	U.S.	49,675	49,675	-	-	48,820	48,820	-	-	(437)	(437)	1,293	1,293	-	-
2017	SPP-MRO	1255	Oklahoma Gas and Electric Co.	U.S.	451,723	451,723	-	-	443,944	443,944	-	-	(3,977)	(3,977)	11,757	11,757	-	-
2017	SPP-MRO	1444	Oklahoma Municipal Power Auth	U.S.	45,190	45,190	-	-	44,412	44,412	-	-	(398)	(398)	1,176	1,176	-	-
2017	SPP-MRO	1651	Paragould Light, Water & Cable	U.S.	9,296	9,296	-	-	9,136	9,136	-	-	(82)	(82)	242	242	-	-
2017	SPP-MRO	1725	People's Electric Cooperative	U.S.	7,856	7,856	-	-	7,721	7,721	-	-	(69)	(69)	204	204	-	-
2017	SPP-MRO	1473	Roosevelt County Electric Coop	U.S.	2,400	2,400	-	-	2,359	2,359	-	-	(21)	(21)	62	62	-	-
2017	SPP-MRO	1257	Xcel Energy Company (Southwestern Public Service)	U.S.	341,136	341,136	-	-	335,261	335,261	-	-	(3,004)	(3,004)	8,878	8,878	-	-
2017	SPP-MRO	1256	Sunflower Electric Power Cooperative	U.S.	71,513	71,513	-	-	70,281	70,281	-	-	(630)	(630)	1,861	1,861	-	-
2017	SPP-MRO	1445	Tex - La Electric Cooperative of Texas	U.S.	7,756	7,756	-	-	7,622	7,622	-	-	(68)	(68)	202	202	-	-
2017	SPP-MRO	1475	Tri County Electric Coop	U.S.	5,565	5,565	-	-	5,469	5,469	-	-	(49)	(49)	145	145	-	-
2017	SPP-MRO	1260	Westar Energy, Inc.	U.S.	333,669	333,669	-	-	327,923	327,923	-	-	(2,938)	(2,938)	8,684	8,684	-	-
2017	SPP-MRO	1259	Western Farmers Electric Cooperative	U.S.	133,405	133,405	-	-	131,108	131,108	-	-	(1,175)	(1,175)	3,472	3,472	-	-
2017	SPP-MRO	1501	West Texas Municipal Power Agency	U.S.	44,177	44,177	-	-	43,417	43,417	-	-	(389)	(389)	1,150	1,150	-	-
TOTAL MRO					7,712,036	6,932,574	779,462	-	7,572,537	6,813,185	759,352	-	(61,039)	(61,039)	200,538	180,429	20,109	-
-					-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	NPCC	1336	New England	U.S.	1,924,320	1,924,320	-	-	1,891,181	1,891,181	-	-	(16,943)	(16,943)	50,083	50,083	-	-
2017	NPCC	1339	New York	U.S.	2,482,313	2,482,313	-	-	2,439,564	2,439,564	-	-	(21,856)	(21,856)	64,605	64,605	-	-
2017	NPCC	1337	Ontario	Canada	1,418,177	-	1,418,177	-	2,060,782	-	2,060,782	-	-	-	(642,605)	-	(642,605)	-
2017	NPCC		Quebec	Canada	2,004,960	-	2,004,960	-	2,663,176	-	2,663,176	-	-	-	(658,216)	-	(658,216)	-
2017	NPCC	1705	New Brunswick	Canada	148,152	-	148,152	-	215,235	-	215,235	-	-	-	(67,083)	-	(67,083)	-
2017	NPCC	1340	Nova Scotia	Canada	174,829	-	174,829	-	170,319	-	170,319	-	-	-	4,510	-	4,510	-
TOTAL NPCC					8,152,751	4,406,633	3,746,117	-	9,440,255	4,330,745	5,109,511	-	(38,799)	(38,799)	(1,248,705)	114,688	(1,363,394)	-
-					-	-	-	-	-	-	-	-	-	-	-	-	-	-
2017	RF	1102	Cannelton Utilities	U.S.	225	225	-	-	221	221	-	-	(2)	(2)	6	6	-	-
2017	RF	1106	City of Croswell	U.S.	623	623	-	-	613	613	-	-	(5)	(5)	16	16	-	-
2017	RF	1490	City of Lansing	U.S.	34,583	34,583	-	-	33,987	33,987	-	-	(304)	(304)	900	900	-	-
2017	RF	1120	Cloverland Electric Cooperative	U.S.	11,821	11,821	-	-	11,618	11,618	-	-	(104)	(104)	308	308	-	-
2017	RF	1122	CMS ERM Michigan LLC	U.S.	2,795	2,795	-	-	2,747	2,747	-	-	(25)	(25)	73	73	-	-
2017	RF	1124	Constellation New Energy (MECS-CONS)	U.S.	19,096	19,096	-	-	18,767	18,767	-	-	(168)	(168)	497	497	-	-
2017	RF	1123	Constellation New Energy (MECS-DET)	U.S.	21,426	21,426	-	-	21,057	21,057	-	-	(189)	(189)	558	558	-	-
2017	RF	1126	Consumers Energy Company	U.S.	527,807	527,807	-	-	518,717	518,717	-	-	(4,647)	(4,647)	13,737	13,737	-	-
2017	RF	1128	Detroit Edison Company	U.S.	707,805	707,805	-	-	695,616	695,616	-	-	(6,232)	(6,232)	18,422	18,422	-	-
2017	RF	1166	Duke Energy Indiana	U.S.	467,545	467,545	-	-	459,493	459,493	-	-	(4,117)	(4,117)	12,168	12,168	-	-
2017	RF	1135	Ferdinand Municipal Light & Water	U.S.	787	787	-	-	774	774	-	-	(7)	(7)	20	20	-	-
2017	RF	1646	FirstEnergy Solutions (MECS-CONS)	U.S.	13,606	13,606	-	-	13,372	13,372	-	-	(120)	(120)	354	354	-	-
2017	RF	1549	FirstEnergy Solutions (MECS-DET)	U.S.	16,407	16,407	-	-	16,124	16,124	-	-	(144)	(144)	427	427	-	-
2017	RF	1145	Hoosier Energy	U.S.	118,694	118,694	-	-	116,649	116,649	-	-	(1,045)	(1,045)	3,089	3,089	-	-
2017	RF	1148	Indiana Municipal Power Agency (DUKE CIN)	U.S.	48,327	48,327	-	-	47,494	47,494	-	-	(426)	(426)	1,258	1,258	-	-
2017	RF	1485	Indiana Municipal Power Agency (NIPSCO)	U.S.	6,718	6,718	-	-	6,602	6,602	-	-	(59)	(59)	175	175	-	-
2017	RF	1486	Indiana Municipal Power Agency (SIGE)	U.S.	9,353	9,353	-	-	9,192	9,192	-	-	(82)	(82)	243	243	-	-
2017	RF	1149	Indianapolis Power & Light Co.	U.S.	219,045	219,045	-	-	215,273	215,273	-	-	(1,929)	(1,929)	5,701	5,701	-	-
2017	RF	1553	Integrus Energy Services (MECS-CONS)	U.S.	6,946	6,946	-	-	6,827	6,827	-	-	(61)	(61)	181	181	-	-
2017	RF	1554	Integrus Energy Services (MECS-DET)	U.S.	9,941	9,941	-	-	9,770	9,770	-	-	(88)	(88)	259	259	-	-
2017	RF	1666	Integrus Energy Services	U.S.	4,693	4,693	-	-	4,612	4,612	-	-	(41)	(41)	122	122	-	-
2017	RF	1614	Just Energy (MECS-DET)	U.S.	135	135	-	-	133	133	-	-	(1)	(1)	4	4	-	-
2017	RF	1154	Michigan Public Power Agency	U.S.	60,025	60,025	-	-	58,992	58,992	-	-	(529)	(529)	1,562	1,562	-	-
2017	RF	1155	Michigan South Central Power Agency	U.S.	11,207	11,207	-	-	11,014	11,014	-	-	(99)	(99)	292	292	-	-
2017	RF	1158	MidAmerican Energy Company Retail	U.S.	269	269	-	-	265	265	-	-	(2)	(2)	7	7	-	-
2017	RF	1163	Northern Indiana Public Service Co.	U.S.	278,040	278,040	-	-	273,252	273,252	-	-	(2,448)	(2,448)	7,236	7,236	-	-
2017	RF	1164	Ontonagon County Rural Electrification Assoc.	U.S.	441	441	-	-	434	434	-	-	(4)	(4)	11	11	-	-
2017	RF	1265	PJM Interconnection, LLC	U.S.	10,544,842	10,544,842	-	-	10,363,243	10,363,243	-	-	(92,844)	(92,844)	274,443	274,443	-	-
2017	RF	1172	Calpine Energy Solutions (k.n.a.Noble Americas Energy Solutions (MECS-CONS))	U.S.	6,082	6,082	-	-	5,977	5,977	-	-	(54)	(54)	158	158	-	-
2017	RF	1171	Calpine Energy Solutions (k.n.a.Noble Americas Energy Solutions (MECS-DET))	U.S.	9,567	9,567	-	-	9,402	9,402	-	-	(84)	(84)	249	249	-	-
2017	RF	1176	Direct Energy (fka:Strategic Energy,LLC) (MECS-CONS)	U.S.	3,040	3,040	-	-	2,988	2,988	-	-	(27)	(27)	79	79	-	-
2017	RF	1174	Direct Energy (fka:Strategic Energy,LLC) (MECS-DET)	U.S.	14,420	14,420	-	-	14,171	14,171	-	-	(127)	(127)	375	375	-	-
2017	RF	1581	Spartan Renewable Energy	U.S.	1,450	1,450	-	-	1,425	1,425	-	-	(13)	(13)	38	38	-	-
2017	RF		Spartan Renewable Energy (MI UP)	U.S.	877	877	-	-	862	862	-	-	(8)	(8)	23	23	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NERC Assessments				NERC NEL Assessments				Penalty Sanctions		NERC Compliance Credits			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico
2017	RF	1180	Thumb Electric Cooperative	U.S.	2,859	2,859	-	-	2,810	2,810	-	-	(25)	(25)	74	74	-	-
2017	RF	1662	Ohio Valley Electric Corporation	U.S.	6,432	6,432	-	-	6,321	6,321	-	-	(57)	(57)	167	167	-	-
2017	RF	1181	Vectren Energy Delivery of IN	U.S.	80,656	80,656	-	-	79,267	79,267	-	-	(710)	(710)	2,099	2,099	-	-
2017	RF	1184	Wabash Valley Power Association Inc. (DUKE CIN)	U.S.	44,695	44,695	-	-	43,925	43,925	-	-	(394)	(394)	1,163	1,163	-	-
2017	RF	1488	Wabash Valley Power Association Inc.(NIPSCO)	U.S.	26,925	26,925	-	-	26,461	26,461	-	-	(237)	(237)	701	701	-	-
2017	RF	1185	Wisconsin Electric Power Co.	U.S.	435,808	435,808	-	-	428,303	428,303	-	-	(3,837)	(3,837)	11,342	11,342	-	-
2017	RF	1189	Wolverine Power Marketing Cooperative	U.S.	12,030	12,030	-	-	11,823	11,823	-	-	(106)	(106)	313	313	-	-
2017	RF	1191	Wolverine Power Supply Cooperative	U.S.	42,412	42,412	-	-	41,682	41,682	-	-	(373)	(373)	1,104	1,104	-	-
2017	RF	1190	Wolverine Power Marketing Cooperative(MECS-DET)	U.S.	8,866	8,866	-	-	8,714	8,714	-	-	(78)	(78)	231	231	-	-
TOTAL RELIABILITYFIRST					13,839,321	13,839,321	-	-	13,600,987	13,600,987	-	-	(121,851)	(121,851)	360,186	360,186	-	-
2017	SERC	1267	Alabama Municipal Electric Authority	U.S.	53,313	53,313	-	-	52,395	52,395	-	-	(469)	(469)	1,388	1,388	-	-
2017	SERC	1268	Alabama Power Company	U.S.	891,037	891,037	-	-	875,692	875,692	-	-	(7,845)	(7,845)	23,190	23,190	-	-
2017	SERC	1269	Ameren - Illinois	U.S.	652,478	652,478	-	-	641,242	641,242	-	-	(5,745)	(5,745)	16,982	16,982	-	-
2017	SERC	1271	Ameren - Missouri	U.S.	574,343	574,343	-	-	564,452	564,452	-	-	(5,057)	(5,057)	14,948	14,948	-	-
2017	SERC	1273	Associated Electric Cooperative Inc.	U.S.	299,884	299,884	-	-	294,720	294,720	-	-	(2,640)	(2,640)	7,805	7,805	-	-
2017	SERC	1582	Beauregard Electric Cooperative, Inc.	U.S.	17,583	17,583	-	-	17,280	17,280	-	-	(155)	(155)	458	458	-	-
2017	SERC	1462	Benton Utility District	U.S.	3,970	3,970	-	-	3,902	3,902	-	-	(35)	(35)	103	103	-	-
2017	SERC	1274	Big Rivers Electric Corporation	U.S.	58,310	58,310	-	-	57,306	57,306	-	-	(513)	(513)	1,518	1,518	-	-
2017	SERC	1275	Black Warrior EMC	U.S.	6,342	6,342	-	-	6,233	6,233	-	-	(56)	(56)	165	165	-	-
2017	SERC	1276	Blue Ridge EMC	U.S.	21,476	21,476	-	-	21,106	21,106	-	-	(189)	(189)	559	559	-	-
2017	SERC	1628	Brazos Electric Power Cooperative, Inc.	U.S.	7,423	7,423	-	-	7,295	7,295	-	-	(65)	(65)	193	193	-	-
2017	SERC	1463	Canton, MS	U.S.	2,036	2,036	-	-	2,001	2,001	-	-	(18)	(18)	53	53	-	-
2017	SERC	1277	Central Electric Power Cooperative Inc.	U.S.	265,510	265,510	-	-	260,937	260,937	-	-	(2,338)	(2,338)	6,910	6,910	-	-
2017	SERC	1667	Century Aluminum - Hawesville	U.S.	26,834	26,834	-	-	26,372	26,372	-	-	(236)	(236)	698	698	-	-
2017	SERC	1668	Century Aluminum - Sebree	U.S.	53,374	53,374	-	-	52,455	52,455	-	-	(470)	(470)	1,389	1,389	-	-
2017	SERC	1278	City of Blountstown FL	U.S.	575	575	-	-	565	565	-	-	(5)	(5)	15	15	-	-
2017	SERC	1279	City of Camden SC	U.S.	2,974	2,974	-	-	2,923	2,923	-	-	(26)	(26)	77	77	-	-
2017	SERC	1280	City of Collins MS	U.S.	713	713	-	-	701	701	-	-	(6)	(6)	19	19	-	-
2017	SERC	1281	City of Columbia MO	U.S.	18,581	18,581	-	-	18,261	18,261	-	-	(164)	(164)	484	484	-	-
2017	SERC	1282	City of Conway AR (Conway Corporation)	U.S.	15,738	15,738	-	-	15,467	15,467	-	-	(139)	(139)	410	410	-	-
2017	SERC	1284	City of Evergreen AL	U.S.	865	865	-	-	850	850	-	-	(8)	(8)	23	23	-	-
2017	SERC	1285	City of Hampton GA	U.S.	488	488	-	-	479	479	-	-	(4)	(4)	13	13	-	-
2017	SERC	1286	City of Hartford AL	U.S.	493	493	-	-	485	485	-	-	(4)	(4)	13	13	-	-
2017	SERC	1287	City of Henderson (KY) Municipal Power & Light	U.S.	9,728	9,728	-	-	9,560	9,560	-	-	(86)	(86)	253	253	-	-
2017	SERC	1288	City of North Little Rock AR (DENL)	U.S.	14,642	14,642	-	-	14,390	14,390	-	-	(129)	(129)	381	381	-	-
2017	SERC	1289	City of Orangeburg SC Department of Public Utilities	U.S.	12,906	12,906	-	-	12,684	12,684	-	-	(114)	(114)	336	336	-	-
2017	SERC	1290	City of Robertsdale AL	U.S.	1,286	1,286	-	-	1,264	1,264	-	-	(11)	(11)	33	33	-	-
2017	SERC	1291	City of Ruston LA (DERS)	U.S.	4,332	4,332	-	-	4,258	4,258	-	-	(38)	(38)	113	113	-	-
2017	SERC	1292	Seneca Light & Power	U.S.	2,603	2,603	-	-	2,558	2,558	-	-	(23)	(23)	68	68	-	-
2017	SERC	1115	City of Springfield (CWLP)	U.S.	27,116	27,116	-	-	26,649	26,649	-	-	(239)	(239)	706	706	-	-
2017	SERC	1465	City of Thayer, MO	U.S.	316	316	-	-	311	311	-	-	(3)	(3)	8	8	-	-
2017	SERC	1293	City of Troy AL	U.S.	6,599	6,599	-	-	6,485	6,485	-	-	(58)	(58)	172	172	-	-
2017	SERC	1294	City of West Memphis AR (West Memphis Utilities)	U.S.	6,044	6,044	-	-	5,940	5,940	-	-	(53)	(53)	157	157	-	-
2017	SERC	1583	Claiborne Electric Cooperative, Inc.	U.S.	10,169	10,169	-	-	9,993	9,993	-	-	(90)	(90)	265	265	-	-
2017	SERC	1584	Concordia Electric Cooperative, Inc.	U.S.	3,332	3,332	-	-	3,275	3,275	-	-	(29)	(29)	87	87	-	-
2017	SERC	1726	Cube Hydro Carolinas	U.S.	230	230	-	-	226	226	-	-	(2)	(2)	6	6	-	-
2017	SERC	1283	Dalton Utilities	U.S.	28,676	28,676	-	-	28,182	28,182	-	-	(252)	(252)	746	746	-	-
2017	SERC	1585	Dixie Electric Membership Corporation	U.S.	34,121	34,121	-	-	33,533	33,533	-	-	(300)	(300)	888	888	-	-
2017	SERC	1295	Dominion Virginia Power	U.S.	1,349,522	1,349,522	-	-	1,326,282	1,326,282	-	-	(11,882)	(11,882)	35,123	35,123	-	-
2017	SERC	1296	Duke Energy Carolinas, LLC	U.S.	1,334,461	1,334,461	-	-	1,311,479	1,311,479	-	-	(11,750)	(11,750)	34,731	34,731	-	-
2017	SERC	1466	Durant, MS	U.S.	398	398	-	-	391	391	-	-	(4)	(4)	10	10	-	-
2017	SERC	1478	LG&E and KU Services Co as agent for LG&E Co and KU Co	U.S.	533,567	533,567	-	-	524,378	524,378	-	-	(4,698)	(4,698)	13,887	13,887	-	-
2017	SERC	1297	East Kentucky Power Cooperative	U.S.	208,852	208,852	-	-	205,255	205,255	-	-	(1,839)	(1,839)	5,436	5,436	-	-
2017	SERC	1298	East Mississippi Electric Power Association	U.S.	6,516	6,516	-	-	6,404	6,404	-	-	(57)	(57)	170	170	-	-
2017	SERC	1669	Electricities of North Carolina Inc	U.S.	184,032	184,032	-	-	180,863	180,863	-	-	(1,620)	(1,620)	4,790	4,790	-	-
2017	SERC	1300	EnergyUnited EMC	U.S.	39,958	39,958	-	-	39,270	39,270	-	-	(352)	(352)	1,040	1,040	-	-

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Data Year	Regional Entity	ID	Entity	Country	Total NERC Assessments				NERC NEL Assessments				Penalty Sanctions		NERC Compliance Credits			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico
2017	SERC	1301	Entergy	U.S.	1,879,652	1,879,652	-	-	1,847,282	1,847,282	-	-	(16,550)	(16,550)	48,920	48,920	-	-
2017	SERC	1302	Fayetteville (NC) Public Works Commission	U.S.	33,081	33,081	-	-	32,511	32,511	-	-	(291)	(291)	861	861	-	-
2017	SERC	1303	Florida Public Utilities (FL Panhandle Load)	U.S.	4,859	4,859	-	-	4,775	4,775	-	-	(43)	(43)	126	126	-	-
2017	SERC	1304	French Broad EMC	U.S.	7,979	7,979	-	-	7,842	7,842	-	-	(70)	(70)	208	208	-	-
2017	SERC	1305	Georgia Power Company	U.S.	1,347,671	1,347,671	-	-	1,324,462	1,324,462	-	-	(11,866)	(11,866)	35,075	35,075	-	-
2017	SERC	1306	Georgia System Optns Corporation	U.S.	617,667	617,667	-	-	607,030	607,030	-	-	(5,438)	(5,438)	16,076	16,076	-	-
2017	SERC	1479	Greenwood (MS) Utilities Commission	U.S.	4,435	4,435	-	-	4,359	4,359	-	-	(39)	(39)	115	115	-	-
2017	SERC	1307	Greenwood (SC) Commissioners of Public Works	U.S.	5,023	5,023	-	-	4,937	4,937	-	-	(44)	(44)	131	131	-	-
2017	SERC	1308	Gulf Power Company	U.S.	180,901	180,901	-	-	177,785	177,785	-	-	(1,593)	(1,593)	4,708	4,708	-	-
2017	SERC	1586	Haywood EMC	U.S.	4,868	4,868	-	-	4,784	4,784	-	-	(43)	(43)	127	127	-	-
2017	SERC		Hoosier Energy REC, Inc	U.S.	6,368	6,368	-	-	6,259	6,259	-	-	(56)	(56)	166	166	-	-
2017	SERC	1309	Illinois Municipal Electric Agency	U.S.	30,086	30,086	-	-	29,567	29,567	-	-	(265)	(265)	783	783	-	-
2017	SERC	1480	Itta Bena, MS	U.S.	219	219	-	-	215	215	-	-	(2)	(2)	6	6	-	-
2017	SERC	1587	Jefferson Davis Electric Cooperative, Inc.	U.S.	4,162	4,162	-	-	4,090	4,090	-	-	(37)	(37)	108	108	-	-
2017	SERC	1617	Kentucky Municipal Power	U.S.	10,369	10,369	-	-	10,191	10,191	-	-	(91)	(91)	270	270	-	-
2017	SERC	1481	Kosciusko, MS	U.S.	1,161	1,161	-	-	1,141	1,141	-	-	(10)	(10)	30	30	-	-
2017	SERC	1482	Leland, MS	U.S.	474	474	-	-	466	466	-	-	(4)	(4)	12	12	-	-
2017	SERC	1313	McCormick Commission of Public Works	U.S.	259	259	-	-	255	255	-	-	(2)	(2)	7	7	-	-
2017	SERC	1314	Mississippi Power Company	U.S.	160,811	160,811	-	-	158,042	158,042	-	-	(1,416)	(1,416)	4,185	4,185	-	-
2017	SERC	1630	Mt. Carmel Public Utility	U.S.	1,639	1,639	-	-	1,611	1,611	-	-	(14)	(14)	43	43	-	-
2017	SERC	1315	Municipal Electric Authority of Georgia	U.S.	171,589	171,589	-	-	168,634	168,634	-	-	(1,511)	(1,511)	4,466	4,466	-	-
2017	SERC	1316	N.C. Electric Membership Corp.	U.S.	201,642	201,642	-	-	198,170	198,170	-	-	(1,775)	(1,775)	5,248	5,248	-	-
2017	SERC	1588	Northeast Louisiana Power Cooperative, Inc.	U.S.	4,167	4,167	-	-	4,095	4,095	-	-	(37)	(37)	108	108	-	-
2017	SERC	1574	Northern Virginia Electric Cooperative	U.S.	74,719	74,719	-	-	73,433	73,433	-	-	(658)	(658)	1,945	1,945	-	-
2017	SERC	1319	Old Dominion Electric Cooperative	U.S.	78,979	78,979	-	-	77,619	77,619	-	-	(695)	(695)	2,056	2,056	-	-
2017	SERC	1618	Osceola (Arkansas) Municipal Light and Power	U.S.	2,473	2,473	-	-	2,431	2,431	-	-	(22)	(22)	64	64	-	-
2017	SERC	1320	Owensboro (KY) Municipal Utilities	U.S.	12,900	12,900	-	-	12,678	12,678	-	-	(114)	(114)	336	336	-	-
2017	SERC	1321	Piedmont EMC in Duke and Progress Areas	U.S.	8,003	8,003	-	-	7,865	7,865	-	-	(70)	(70)	208	208	-	-
2017	SERC	1323	Piedmont Municipal Power Agency (PMPA)	U.S.	37,128	37,128	-	-	36,489	36,489	-	-	(327)	(327)	966	966	-	-
2017	SERC	1589	Pointe Coupee Electric Memb. Corp.	U.S.	4,125	4,125	-	-	4,054	4,054	-	-	(36)	(36)	107	107	-	-
2017	SERC	1266	PowerSouth Energy	U.S.	137,103	137,103	-	-	134,742	134,742	-	-	(1,207)	(1,207)	3,568	3,568	-	-
2017	SERC	1330	Prairie Power, Inc.	U.S.	24,368	24,368	-	-	23,948	23,948	-	-	(215)	(215)	634	634	-	-
2017	SERC	1706	Duke Energy Progress	U.S.	728,721	728,721	-	-	716,171	716,171	-	-	(6,416)	(6,416)	18,966	18,966	-	-
2017	SERC	1325	Rutherford EMC	U.S.	20,747	20,747	-	-	20,389	20,389	-	-	(183)	(183)	540	540	-	-
2017	SERC	1631	Sam Rayburn G&T Electric Cooperative Inc.	U.S.	28,313	28,313	-	-	27,825	27,825	-	-	(249)	(249)	737	737	-	-
2017	SERC	1326	South Carolina Electric & Gas Company	U.S.	366,939	366,939	-	-	360,619	360,619	-	-	(3,231)	(3,231)	9,550	9,550	-	-
2017	SERC	1327	South Carolina Public Service Authority	U.S.	136,340	136,340	-	-	133,992	133,992	-	-	(1,200)	(1,200)	3,548	3,548	-	-
2017	SERC	1590	South Louisiana Electric Cooperative Association	U.S.	9,161	9,161	-	-	9,003	9,003	-	-	(81)	(81)	238	238	-	-
2017	SERC	1328	Cooperative Energy (formerly SMEPA)	U.S.	152,651	152,651	-	-	150,022	150,022	-	-	(1,344)	(1,344)	3,973	3,973	-	-
2017	SERC	1329	Southern Illinois Power Cooperative	U.S.	24,930	24,930	-	-	24,501	24,501	-	-	(220)	(220)	649	649	-	-
2017	SERC	1591	Southwest Louisiana Electric Membership Corporation	U.S.	38,892	38,892	-	-	38,222	38,222	-	-	(342)	(342)	1,012	1,012	-	-
2017	SERC	1619	Southwestern Electric Cooperative, Inc.	U.S.	6,664	6,664	-	-	6,549	6,549	-	-	(59)	(59)	173	173	-	-
2017	SERC	1331	Tennessee Valley Authority	U.S.	2,463,921	2,463,921	-	-	2,421,488	2,421,488	-	-	(21,694)	(21,694)	64,127	64,127	-	-
2017	SERC	1632	Tex-La Electric Cooperative of Texas, Inc	U.S.	3,309	3,309	-	-	3,252	3,252	-	-	(29)	(29)	86	86	-	-
2017	SERC	1332	Tombigbee Electric Cooperative Inc.	U.S.	1,923	1,923	-	-	1,890	1,890	-	-	(17)	(17)	50	50	-	-
2017	SERC	1594	Town of Sharpsburg, N.C.	U.S.	309	309	-	-	304	304	-	-	(3)	(3)	8	8	-	-
2017	SERC	1595	Town of Stantonsburg, N.C. JRO	U.S.	882	882	-	-	867	867	-	-	(8)	(8)	23	23	-	-
2017	SERC	1333	Town of Waynesville NC	U.S.	1,466	1,466	-	-	1,441	1,441	-	-	(13)	(13)	38	38	-	-
2017	SERC	1334	Town of Winnsboro SC	U.S.	984	984	-	-	967	967	-	-	(9)	(9)	26	26	-	-
2017	SERC	1335	Town of Winterville NC	U.S.	857	857	-	-	843	843	-	-	(8)	(8)	22	22	-	-
2017	SERC	1597	Washington-St.Tammany Electric Cooperative, Inc.	U.S.	16,339	16,339	-	-	16,058	16,058	-	-	(144)	(144)	425	425	-	-
2017	SERC	1435	Arkansas Electric Cooperative Corporation	U.S.	162,728	162,728	-	-	159,926	159,926	-	-	(1,433)	(1,433)	4,235	4,235	-	-
2017	SERC	1557	City of Clarksdale, Mississippi	U.S.	2,483	2,483	-	-	2,440	2,440	-	-	(22)	(22)	65	65	-	-
2017	SERC	1708	City of Abbeville	U.S.	2,183	2,183	-	-	2,146	2,146	-	-	(19)	(19)	57	57	-	-
2017	SERC	1558	Hope Water & Light (HWL)	U.S.	4,674	4,674	-	-	4,593	4,593	-	-	(41)	(41)	122	122	-	-
2017	SERC	1559	City of Minden	U.S.	2,194	2,194	-	-	2,156	2,156	-	-	(19)	(19)	57	57	-	-
2017	SERC	1249	Cleco Power LLC	U.S.	177,883	177,883	-	-	174,819	174,819	-	-	(1,566)	(1,566)	4,630	4,630	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

APPENDIX 2-C

Data Year	Regional Entity	ID	Entity	Country	Total NERC Assessments				NERC NEL Assessments				Penalty Sanctions		NERC Compliance Credits			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico
2017	SERC	1648	Jonesboro City Water & Light	U.S.	22,055	22,055	-	-	21,675	21,675	-	-	(194)	(194)	574	574	-	-
2017	SERC	1649	Kennett Board of Public Works	U.S.	2,169	2,169	-	-	2,131	2,131	-	-	(19)	(19)	56	56	-	-
2017	SERC	1471	Lafayette Utilities System	U.S.	32,621	32,621	-	-	32,059	32,059	-	-	(287)	(287)	849	849	-	-
2017	SERC	1253	Louisiana Energy & Power Authority (LEPA)	U.S.	15,193	15,193	-	-	14,932	14,932	-	-	(134)	(134)	395	395	-	-
2017	SERC	1650	Malden Board of Public Works	U.S.	790	790	-	-	776	776	-	-	(7)	(7)	21	21	-	-
2017	SERC	1443	Missouri Joint Municipal Electric Utility Commission	U.S.	32,894	32,894	-	-	32,328	32,328	-	-	(290)	(290)	856	856	-	-
2017	SERC	1639	OzMo Ozark Missouri, West Plains MO	U.S.	2,995	2,995	-	-	2,944	2,944	-	-	(26)	(26)	78	78	-	-
2017	SERC	1652	Piggott Municipal Light, Water & Sewer	U.S.	580	580	-	-	570	570	-	-	(5)	(5)	15	15	-	-
2017	SERC	1653	Poplar Bluff Municipal Utilities	U.S.	5,893	5,893	-	-	5,792	5,792	-	-	(52)	(52)	153	153	-	-
2017	SERC	1636	City of Prescott	U.S.	1,301	1,301	-	-	1,279	1,279	-	-	(11)	(11)	34	34	-	-
2017	SERC	1561	Public Service Commission of Yazoo City of Mississippi	U.S.	1,857	1,857	-	-	1,825	1,825	-	-	(16)	(16)	48	48	-	-
2017	SERC	1654	Sikeston Board of Municipal Utilities	U.S.	5,910	5,910	-	-	5,808	5,808	-	-	(52)	(52)	154	154	-	-
TOTAL SERC					16,332,381	16,332,381	-	-	16,051,113	16,051,113	-	-	(143,802)	(143,802)	425,071	425,071	-	-
TOTAL SPP					-	-	-	-										
TOTAL ERCOT					-	-	-	-										
2017	TRE	1019	ERCOT	U.S.	5,699,337	5,699,337	-	-	5,601,186	5,601,186	-	-	(50,181)	(50,181)	148,332	148,332	-	-
TOTAL ERCOT					5,699,337	5,699,337	-	-	5,601,186	5,601,186	-	-	(50,181)	(50,181)	148,332	148,332	-	-
TOTAL WECC					-	-	-	-										
2017	WECC		Alberta Electric System Operator	Canada	656,732	-	656,732	-	971,083	-	971,083	-	-	-	(314,351)	-	(314,351)	-
2017	WECC		British Columbia Hydro & Power Authority	Canada	1,023,265	-	1,023,265	-	996,866	-	996,866	-	-	-	26,399	26,399	-	
2017	WECC		Centro Nacional de Control de Energia	Mexico	211,910	-	-	211,910	206,443	-	206,443	-	-	-	5,467	-	-	5,467
2017	WECC		Ajo Improvement District	U.S.	173	173	-	-	170	170	-	-	(2)	(2)	5	5	-	-
2017	WECC		Arizona Public Service Company	U.S.	461,227	461,227	-	-	453,284	453,284	-	-	(4,061)	(4,061)	12,004	12,004	-	-
2017	WECC		City of Williams	U.S.	711	711	-	-	698	698	-	-	(6)	(6)	18	18	-	-
2017	WECC		Electrical Districts 3	U.S.	1,353	1,353	-	-	1,330	1,330	-	-	(12)	(12)	35	35	-	-
2017	WECC		Aguila Irrigation District - APS	U.S.	526	526	-	-	517	517	-	-	(5)	(5)	14	14	-	-
2017	WECC		Buckeye Water Conservation and Drainage District - APS	U.S.	356	356	-	-	350	350	-	-	(3)	(3)	9	9	-	-
2017	WECC		Electrical District No. 6 of Pinal County - APS	U.S.	34	34	-	-	34	34	-	-	(0)	(0)	1	1	-	-
2017	WECC		Electrical District No. 7 of Maricopa County - APS	U.S.	799	799	-	-	786	786	-	-	(7)	(7)	21	21	-	-
2017	WECC		Electrical District No. 8 of Maricopa County - APS	U.S.	5,739	5,739	-	-	5,640	5,640	-	-	(51)	(51)	149	149	-	-
2017	WECC		Harquahala Valley Power Districts - APS	U.S.	1,817	1,817	-	-	1,786	1,786	-	-	(16)	(16)	47	47	-	-
2017	WECC		Maricopa County Municipal Water Conservation Dist No. 1 - APS	U.S.	820	820	-	-	806	806	-	-	(7)	(7)	21	21	-	-
2017	WECC		McMullen Valley Water Conservation & Drainage District - APS	U.S.	1,975	1,975	-	-	1,941	1,941	-	-	(17)	(17)	51	51	-	-
2017	WECC		Roosevelt Irrigation District - APS	U.S.	649	649	-	-	638	638	-	-	(6)	(6)	17	17	-	-
2017	WECC		Tonopah Irrigation District - APS	U.S.	431	431	-	-	424	424	-	-	(4)	(4)	11	11	-	-
2017	WECC		Navajo Tribal Utility Authority-Arizona	U.S.	799	799	-	-	786	786	-	-	(7)	(7)	21	21	-	-
2017	WECC		Tohono O'Odham Utility Authority	U.S.	979	979	-	-	963	963	-	-	(9)	(9)	25	25	-	-
2017	WECC		Town of Wickenburg	U.S.	422	422	-	-	414	414	-	-	(4)	(4)	11	11	-	-
2017	WECC		Avista Corporation	U.S.	153,590	153,590	-	-	150,945	150,945	-	-	(1,352)	(1,352)	3,997	3,997	-	-
2017	WECC		Kaiser Aluminum Fabricated Products LLC	U.S.	4,920	4,920	-	-	4,836	4,836	-	-	(43)	(43)	128	128	-	-
2017	WECC		Pend Oreille County PUD No. 1	U.S.	16,155	16,155	-	-	15,876	15,876	-	-	(142)	(142)	420	420	-	-
2017	WECC		PUD No. 2 of Grant County	U.S.	1,464	1,464	-	-	1,439	1,439	-	-	(13)	(13)	38	38	-	-
2017	WECC		Bonneville Power Administration-Power Services	U.S.	101,010	101,010	-	-	99,270	99,270	-	-	(889)	(889)	2,629	2,629	-	-
2017	WECC		Bonneville Power Administration-Hydro	U.S.	3,218	3,218	-	-	3,162	3,162	-	-	(28)	(28)	84	84	-	-
2017	WECC		Bonneville Power Administration-Transmission	U.S.	820,822	820,822	-	-	806,686	806,686	-	-	(7,227)	(7,227)	21,363	21,363	-	-
2017	WECC		City of Redding	U.S.	12,681	12,681	-	-	12,463	12,463	-	-	(112)	(112)	330	330	-	-
2017	WECC		City of Roseville	U.S.	19,832	19,832	-	-	19,490	19,490	-	-	(175)	(175)	516	516	-	-
2017	WECC		Modesto Irrigation District	U.S.	41,648	41,648	-	-	40,931	40,931	-	-	(367)	(367)	1,084	1,084	-	-
2017	WECC		Sacramento Municipal Utility District	U.S.	184,124	184,124	-	-	180,953	180,953	-	-	(1,621)	(1,621)	4,792	4,792	-	-
2017	WECC		Western Area Power Administration-Sierra Nevada Region	U.S.	31,556	31,556	-	-	31,013	31,013	-	-	(278)	(278)	821	821	-	-
2017	WECC		California Independent System Operator	U.S.	3,637,209	3,637,209	-	-	3,574,571	3,574,571	-	-	(32,025)	(32,025)	94,663	94,663	-	-
2017	WECC		El Paso Electric Company	U.S.	133,774	133,774	-	-	131,471	131,471	-	-	(1,178)	(1,178)	3,482	3,482	-	-
2017	WECC		Idaho Power Company	U.S.	250,628	250,628	-	-	246,311	246,311	-	-	(2,207)	(2,207)	6,523	6,523	-	-
2017	WECC		Imperial Irrigation District	U.S.	59,427	59,427	-	-	58,403	58,403	-	-	(523)	(523)	1,547	1,547	-	-
2017	WECC		Los Angeles Department of Water and Power	U.S.	457,085	457,085	-	-	449,213	449,213	-	-	(4,025)	(4,025)	11,896	11,896	-	-
2017	WECC		City of Henderson	U.S.	653	653	-	-	642	642	-	-	(6)	(6)	17	17	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NERC Assessments				NERC NEL Assessments				Penalty Sanctions		NERC Compliance Credits			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico
2017	WECC		City of Las Vegas	U.S.	662	662	-	-	650	650	-	-	(6)	(6)	17	17	-	-
2017	WECC		City of North Las Vegas	U.S.	373	373	-	-	366	366	-	-	(3)	(3)	10	10	-	-
2017	WECC		Clark County Water Reclamation District	U.S.	1,293	1,293	-	-	1,271	1,271	-	-	(11)	(11)	34	34	-	-
2017	WECC		Colorado River Commission of Nevada	U.S.	7,501	7,501	-	-	7,372	7,372	-	-	(66)	(66)	195	195	-	-
2017	WECC		Las Vegas Valley Water District	U.S.	1,719	1,719	-	-	1,689	1,689	-	-	(15)	(15)	45	45	-	-
2017	WECC		Nevada Power Company dba NV Energy	U.S.	496,976	496,976	-	-	488,417	488,417	-	-	(4,376)	(4,376)	12,934	12,934	-	-
2017	WECC		MGM Resorts International	U.S.	14,864	14,864	-	-	14,608	14,608	-	-	(131)	(131)	387	387	-	-
2017	WECC		Switch-North	U.S.	92	92	-	-	90	90	-	-	(1)	(1)	2	2	-	-
2017	WECC		Switch-South	U.S.	4,709	4,709	-	-	4,628	4,628	-	-	(41)	(41)	123	123	-	-
2017	WECC		Wynn Las Vegas	U.S.	2,915	2,915	-	-	2,864	2,864	-	-	(26)	(26)	76	76	-	-
2017	WECC		Overton Power District No. 5	U.S.	6,282	6,282	-	-	6,174	6,174	-	-	(55)	(55)	164	164	-	-
2017	WECC		Southern Nevada Water Authority	U.S.	1,919	1,919	-	-	1,886	1,886	-	-	(17)	(17)	50	50	-	-
2017	WECC		Basin Electric Power Cooperative	U.S.	12,689	12,689	-	-	12,471	12,471	-	-	(112)	(112)	330	330	-	-
2017	WECC		Big Horn County Electric Cooperative	U.S.	610	610	-	-	600	600	-	-	(5)	(5)	16	16	-	-
2017	WECC		NorthWestern Corp. dba NorthWestern Energy, LLC	U.S.	149,884	149,884	-	-	147,302	147,302	-	-	(1,320)	(1,320)	3,901	3,901	-	-
2017	WECC		Western Area Power Administration-Upper Great Plains Region	U.S.	127	127	-	-	125	125	-	-	(1)	(1)	3	3	-	-
2017	WECC		PacifiCorp West (PACW)	U.S.	342,368	342,368	-	-	336,472	336,472	-	-	(3,014)	(3,014)	8,911	8,911	-	-
2017	WECC		Constellation New Energy	U.S.	5,548	5,548	-	-	5,452	5,452	-	-	(49)	(49)	144	144	-	-
2017	WECC		3 Phases Renewables	U.S.	3	3	-	-	3	3	-	-	(0)	(0)	0	0	-	-
2017	WECC		Avangrid Renewables	U.S.	1,639	1,639	-	-	1,611	1,611	-	-	(14)	(14)	43	43	-	-
2017	WECC		Calpine Energy Solutions, LLC./Noble Americas Energy Solutions, LLC	U.S.	25,981	25,981	-	-	25,534	25,534	-	-	(229)	(229)	676	676	-	-
2017	WECC		PacifiCorp (IPC)	U.S.	33	33	-	-	33	33	-	-	(0)	(0)	1	1	-	-
2017	WECC		PacifiCorp (EasternBalAuth)	U.S.	791,096	791,096	-	-	777,472	777,472	-	-	(6,965)	(6,965)	20,589	20,589	-	-
2017	WECC		PacifiCorp (Portland)	U.S.	71	71	-	-	69	69	-	-	(1)	(1)	2	2	-	-
2017	WECC		PacifiCorp (WAPA-CO-MO)	U.S.	1,843	1,843	-	-	1,811	1,811	-	-	(16)	(16)	48	48	-	-
2017	WECC		Portland General Electric Company	U.S.	279,341	279,341	-	-	274,530	274,530	-	-	(2,460)	(2,460)	7,270	7,270	-	-
2017	WECC		Shell Energy North America	U.S.	1,188	1,188	-	-	1,167	1,167	-	-	(10)	(10)	31	31	-	-
2017	WECC		Arkansas River Power Authority (ARPA)	U.S.	4,248	4,248	-	-	4,175	4,175	-	-	(37)	(37)	111	111	-	-
2017	WECC		Black Hills Colorado Electric	U.S.	32,628	32,628	-	-	32,066	32,066	-	-	(287)	(287)	849	849	-	-
2017	WECC		Burlington	U.S.	495	495	-	-	487	487	-	-	(4)	(4)	13	13	-	-
2017	WECC		Colorado Springs Utilities	U.S.	960	960	-	-	943	943	-	-	(8)	(8)	25	25	-	-
2017	WECC		Grand Valley Power	U.S.	3,948	3,948	-	-	3,880	3,880	-	-	(35)	(35)	103	103	-	-
2017	WECC		Holy Cross Energy	U.S.	16,456	16,456	-	-	16,173	16,173	-	-	(145)	(145)	428	428	-	-
2017	WECC		Intermountain Rural Electric Association	U.S.	35,441	35,441	-	-	34,831	34,831	-	-	(312)	(312)	922	922	-	-
2017	WECC		Municipal Energy Agency of Nebraska	U.S.	2,705	2,705	-	-	2,658	2,658	-	-	(24)	(24)	70	70	-	-
2017	WECC		Platte River Power Authority	U.S.	51,253	51,253	-	-	50,371	50,371	-	-	(451)	(451)	1,334	1,334	-	-
2017	WECC		Public Service Company of Colorado (Xcel)	U.S.	482,564	482,564	-	-	474,253	474,253	-	-	(4,249)	(4,249)	12,559	12,559	-	-
2017	WECC		Public Service Company of Colorado (Xcel)-(WAPA-CO-MO)	U.S.	1,830	1,830	-	-	1,799	1,799	-	-	(16)	(16)	48	48	-	-
2017	WECC		Raton Public Service	U.S.	692	692	-	-	680	680	-	-	(6)	(6)	18	18	-	-
2017	WECC		Town of Center	U.S.	236	236	-	-	232	232	-	-	(2)	(2)	6	6	-	-
2017	WECC		Tri-State Generation & Transmission Assoc. Inc - Reliability	U.S.	41,932	41,932	-	-	41,210	41,210	-	-	(369)	(369)	1,091	1,091	-	-
2017	WECC		Western Area Power - Loveland, CO	U.S.	2,683	2,683	-	-	2,637	2,637	-	-	(24)	(24)	70	70	-	-
2017	WECC		Yampa Valley Electric Association	U.S.	8,906	8,906	-	-	8,752	8,752	-	-	(78)	(78)	232	232	-	-
2017	WECC		City of Aztec Electric Dept	U.S.	580	580	-	-	570	570	-	-	(5)	(5)	15	15	-	-
2017	WECC		City of Gallup	U.S.	3,516	3,516	-	-	3,455	3,455	-	-	(31)	(31)	92	92	-	-
2017	WECC		Jicarilla Apache Nation Power Authority	U.S.	366	366	-	-	360	360	-	-	(3)	(3)	10	10	-	-
2017	WECC		Kit Carson Electric Inc	U.S.	4,678	4,678	-	-	4,597	4,597	-	-	(41)	(41)	122	122	-	-
2017	WECC		Navajo Tribal Utility Authority-New Mexico	U.S.	3,149	3,149	-	-	3,095	3,095	-	-	(28)	(28)	82	82	-	-
2017	WECC		Public Service Company of New Mexico	U.S.	145,117	145,117	-	-	142,618	142,618	-	-	(1,278)	(1,278)	3,777	3,777	-	-
2017	WECC		The Incorporated County of Los Alamos	U.S.	9,718	9,718	-	-	9,551	9,551	-	-	(86)	(86)	253	253	-	-
2017	WECC		Tri-State Generation & Transmission Association, Inc.	U.S.	43,967	43,967	-	-	43,210	43,210	-	-	(387)	(387)	1,144	1,144	-	-
2017	WECC		US Dept of Energy - Kirtland AFB	U.S.	6,748	6,748	-	-	6,631	6,631	-	-	(59)	(59)	176	176	-	-
2017	WECC		Public Utility District No. 1 of Chelan County	U.S.	29,523	29,523	-	-	29,015	29,015	-	-	(260)	(260)	768	768	-	-
2017	WECC		Okanogan PUD	U.S.	10,540	10,540	-	-	10,359	10,359	-	-	(93)	(93)	274	274	-	-
2017	WECC		PUD No. 1 of Douglas County	U.S.	14,564	14,564	-	-	14,313	14,313	-	-	(128)	(128)	379	379	-	-
2017	WECC		Douglas Palisades / PUD No. 1 of DC	U.S.	325	325	-	-	319	319	-	-	(3)	(3)	8	8	-	-
2017	WECC		PUD No. 2 of Grant County	U.S.	75,738	75,738	-	-	74,434	74,434	-	-	(667)	(667)	1,971	1,971	-	-

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NERC Assessments				NERC NEL Assessments				Penalty Sanctions		NERC Compliance Credits			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico
2017	WECC		Puget Sound Energy, Inc.	U.S.	388,766	388,766	-	-	382,071	382,071	-	-	(3,423)	(3,423)	10,118	10,118	-	-
2017	WECC		Salt River Project	U.S.	474,683	474,683	-	-	466,509	466,509	-	-	(4,179)	(4,179)	12,354	12,354	-	-
2017	WECC		Seattle City Light	U.S.	158,171	158,171	-	-	155,447	155,447	-	-	(1,393)	(1,393)	4,117	4,117	-	-
2017	WECC		Barrick Goldstrike Mines Inc.	U.S.	22,030	22,030	-	-	21,650	21,650	-	-	(194)	(194)	573	573	-	-
2017	WECC		City of Fallon	U.S.	1,464	1,464	-	-	1,439	1,439	-	-	(13)	(13)	38	38	-	-
2017	WECC		Mt. Wheeler Power	U.S.	8,779	8,779	-	-	8,627	8,627	-	-	(77)	(77)	228	228	-	-
2017	WECC		Truckee Donner Public Utility District	U.S.	2,564	2,564	-	-	2,520	2,520	-	-	(23)	(23)	67	67	-	-
2017	WECC		Beartooth Electric Cooperative	U.S.	1,222	1,222	-	-	1,201	1,201	-	-	(11)	(11)	32	32	-	-
2017	WECC		City of Tacoma DBA Tacoma Power	U.S.	79,477	79,477	-	-	78,109	78,109	-	-	(700)	(700)	2,068	2,068	-	-
2017	WECC		Tucson Electric Power Company	U.S.	235,713	235,713	-	-	231,654	231,654	-	-	(2,075)	(2,075)	6,135	6,135	-	-
2017	WECC		Merced Irrigation District	U.S.	8,244	8,244	-	-	8,102	8,102	-	-	(73)	(73)	215	215	-	-
2017	WECC		Turlock Irrigation District	U.S.	34,591	34,591	-	-	33,995	33,995	-	-	(305)	(305)	900	900	-	-
2017	WECC		Basin Electric Power Cooperative	U.S.	36,820	36,820	-	-	36,186	36,186	-	-	(324)	(324)	958	958	-	-
2017	WECC		Black Hills Colorado Electric/Cheyenne Light Fuel & Power	U.S.	69,628	69,628	-	-	68,429	68,429	-	-	(613)	(613)	1,812	1,812	-	-
2017	WECC		Black Hills State University South Dakota	U.S.	333	333	-	-	327	327	-	-	(3)	(3)	9	9	-	-
2017	WECC		City of Page	U.S.	1,148	1,148	-	-	1,128	1,128	-	-	(10)	(10)	30	30	-	-
2017	WECC		Colorado Springs Utilities	U.S.	73,150	73,150	-	-	71,890	71,890	-	-	(644)	(644)	1,904	1,904	-	-
2017	WECC		Deseret Generation & Transmission Cooperative	U.S.	1,845	1,845	-	-	1,813	1,813	-	-	(16)	(16)	48	48	-	-
2017	WECC		City of Farmington	U.S.	15,764	15,764	-	-	15,493	15,493	-	-	(139)	(139)	410	410	-	-
2017	WECC		Municipal Energy Agency of Nebraska	U.S.	10,007	10,007	-	-	9,834	9,834	-	-	(88)	(88)	260	260	-	-
2017	WECC		Navajo Tribal Utility Authority-Colorado	U.S.	3,434	3,434	-	-	3,375	3,375	-	-	(30)	(30)	89	89	-	-
2017	WECC		Navajo Agricultural Products Industry (NAPI)	U.S.	52	52	-	-	51	51	-	-	(0)	(0)	1	1	-	-
2017	WECC		Nebraska Public Power Marketing	U.S.	105	105	-	-	103	103	-	-	(1)	(1)	3	3	-	-
2017	WECC		Francis E. Warren Air Force Base	U.S.	192	192	-	-	189	189	-	-	(2)	(2)	5	5	-	-
2017	WECC		Town of Fredonia	U.S.	166	166	-	-	163	163	-	-	(1)	(1)	4	4	-	-
2017	WECC		Tri-State Generation & Transmission Assoc. Inc - Reliability	U.S.	124,873	124,873	-	-	122,723	122,723	-	-	(1,099)	(1,099)	3,250	3,250	-	-
2017	WECC		Western Area Power Administration - CRSP	U.S.	30,451	30,451	-	-	29,927	29,927	-	-	(268)	(268)	793	793	-	-
2017	WECC		Western Area Power - Loveland, CO	U.S.	29,114	29,114	-	-	28,613	28,613	-	-	(256)	(256)	758	758	-	-
2017	WECC		Wyoming Municipal Power Agency	U.S.	3,480	3,480	-	-	3,420	3,420	-	-	(31)	(31)	91	91	-	-
2017	WECC		Basin Electric Power Cooperative	U.S.	2,336	2,336	-	-	2,296	2,296	-	-	(21)	(21)	61	61	-	-
2017	WECC		Montana-Dakota Utilities Co.	U.S.	361	361	-	-	355	355	-	-	(3)	(3)	9	9	-	-
2017	WECC		NorthWestern Corp. dba NorthWestern Energy, LLC	U.S.	4,803	4,803	-	-	4,720	4,720	-	-	(42)	(42)	125	125	-	-
2017	WECC		Western Area Power Administration-Upper Great Plains Region	U.S.	5,648	5,648	-	-	5,551	5,551	-	-	(50)	(50)	147	147	-	-
2017	WECC		Aha Macav Power Service	U.S.	233	233	-	-	229	229	-	-	(2)	(2)	6	6	-	-
2017	WECC		Bureau of Reclamation (Desalter) - c/o DSW EMMO	U.S.	2	2	-	-	2	2	-	-	(0)	(0)	0	0	-	-
2017	WECC		Bureau of Reclamation (Wellfield)	U.S.	109	109	-	-	107	107	-	-	(1)	(1)	3	3	-	-
2017	WECC		Central Arizona Water Conservation District	U.S.	36,185	36,185	-	-	35,562	35,562	-	-	(319)	(319)	942	942	-	-
2017	WECC		City of Mesa	U.S.	4,243	4,243	-	-	4,170	4,170	-	-	(37)	(37)	110	110	-	-
2017	WECC		Needles Public Utilities Authority	U.S.	503	503	-	-	495	495	-	-	(4)	(4)	13	13	-	-
2017	WECC		Colorado River Agency-Bureau of Indian Affairs	U.S.	281	281	-	-	276	276	-	-	(2)	(2)	7	7	-	-
2017	WECC		Electrical District #2 - Coolidge Generating Station	U.S.	146	146	-	-	144	144	-	-	(1)	(1)	4	4	-	-
2017	WECC		Electrical District #2	U.S.	3,008	3,008	-	-	2,957	2,957	-	-	(26)	(26)	78	78	-	-
2017	WECC		Silver State Energy Association	U.S.	10,420	10,420	-	-	10,241	10,241	-	-	(92)	(92)	271	271	-	-
2017	WECC		Arizona Electric Power Cooperative, Inc	U.S.	55,313	55,313	-	-	54,360	54,360	-	-	(487)	(487)	1,440	1,440	-	-
2017	WECC		U.S. Army Yuma Proving Ground	U.S.	312	312	-	-	306	306	-	-	(3)	(3)	8	8	-	-
2017	WECC		Wellton-Mohawk Irrigation & Drainage District	U.S.	81	81	-	-	79	79	-	-	(1)	(1)	2	2	-	-
2017	WECC		Western Area Power Administration-Desert Southwest Region	U.S.	25,843	25,843	-	-	25,398	25,398	-	-	(228)	(228)	673	673	-	-
TOTAL WECC					13,453,838	11,561,930	1,679,998	211,910	13,537,209	11,362,816	1,967,949	206,443	(101,800)	(101,800)	18,429	300,914	(287,952)	5,467
TOTAL ERO					68,883,995	62,466,508	6,205,577	211,910	69,433,995	61,390,740	7,836,813	206,443	(550,000)	(550,000)	(0)	1,625,769	(1,631,236)	5,467

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total NERC Assessments				NERC NEL Assessments				Penalty Sanctions		NERC Compliance Credits				
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Mexico	
Summary by Regional Entity																			
2017	FRCC				3,694,330	3,694,330	-	-	3,630,708	3,630,708	-	-	(32,528)	(32,528)	96,150	96,150	-	-	
2017	MRO				7,712,036	6,932,574	779,462	-	7,572,537	6,813,185	759,352	-	(61,039)	(61,039)	200,538	180,429	20,109	-	
2017	NPCC				8,152,751	4,406,633	3,746,117	-	9,440,255	4,330,745	5,109,511	-	(38,799)	(38,799)	(1,248,705)	114,688	(1,363,394)	-	
2017	RF				13,839,321	13,839,321	-	-	13,600,987	13,600,987	-	-	(121,851)	(121,851)	360,186	360,186	-	-	
2017	SERC				16,332,381	16,332,381	-	-	16,051,113	16,051,113	-	-	(143,802)	(143,802)	425,071	425,071	-	-	
2017	SPP				-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2017	TRE				5,699,337	5,699,337	-	-	5,601,186	5,601,186	-	-	(50,181)	(50,181)	148,332	148,332	-	-	
2017	WECC				13,453,838	11,561,930	1,679,998	211,910	13,537,209	11,362,816	1,967,949	206,443	(101,800)	(101,800)	18,429	300,914	(287,952)	5,467	
Total					68,883,995	62,466,508	6,205,577	211,910	69,433,995	61,390,740	7,836,813	206,443	(550,000)	(550,000)	(0)	1,625,769	(1,631,236)	5,467	

2017 NEL Calculations and Allocations to Load Serving Entities (or Designee) for the 2019 NERC and RE Assessments

Data Year	Regional Entity	ID	Entity	Country	Total Regional Entity Assessments (Including WIRAB Assessments)				Regional Entity NEL Assessments				Penalty Sanctions - US Only		NPCC CORC Program			WECC Compliance Assessments (ex.AESO)				WIRAB Assessments			
					Total	US	Canada	Mexico	Total	US	Canada	Mexico	Total	US	Total	US	Canada	Total	US	Canada	Mexico	Total	US	Canada	Mexico
2017	WECC		Deseret Generation & Transmission Cooperative	U.S.	3,620	3,620	-	-	3,464	3,464	-	-	(94)	(94)				149	149			100	100		
2017	WECC		City of Farmington	U.S.	30,937	30,937	-	-	29,606	29,606	-	-	(801)	(801)				1,274	1,274			858	858		
2017	WECC		Municipal Energy Agency of Nebraska	U.S.	19,638	19,638	-	-	18,793	18,793	-	-	(509)	(509)				808	808			545	545		
2017	WECC		Navajo Tribal Utility Authority-Colorado	U.S.	6,740	6,740	-	-	6,450	6,450	-	-	(175)	(175)				277	277			187	187		
2017	WECC		Navajo Agricultural Products Industry (NAPI)	U.S.	102	102	-	-	98	98	-	-	(3)	(3)				4	4			3	3		
2017	WECC		Nebraska Public Power Marketing	U.S.	206	206	-	-	197	197	-	-	(5)	(5)				8	8			6	6		
2017	WECC		Francis E. Warren Air Force Base	U.S.	377	377	-	-	361	361	-	-	(10)	(10)				16	16			10	10		
2017	WECC		Town of Fredonia	U.S.	326	326	-	-	312	312	-	-	(8)	(8)				13	13			9	9		
2017	WECC		Tri-State Generation & Transmission Assoc. Inc - Reliability	U.S.	245,065	245,065	-	-	234,524	234,524	-	-	(6,347)	(6,347)				10,089	10,089			6,799	6,799		
2017	WECC		Western Area Power Administration - CRSP	U.S.	59,761	59,761	-	-	57,191	57,191	-	-	(1,548)	(1,548)				2,460	2,460			1,658	1,658		
2017	WECC		Western Area Power - Loveland, CO	U.S.	57,137	57,137	-	-	54,679	54,679	-	-	(1,480)	(1,480)				2,352	2,352			1,585	1,585		
2017	WECC		Wyoming Municipal Power Agency	U.S.	6,829	6,829	-	-	6,536	6,536	-	-	(177)	(177)				281	281			189	189		
2017	WECC		Basin Electric Power Cooperative	U.S.	4,584	4,584	-	-	4,387	4,387	-	-	(119)	(119)				189	189			127	127		
2017	WECC		Montana-Dakota Utilities Co.	U.S.	708	708	-	-	678	678	-	-	(18)	(18)				29	29			20	20		
2017	WECC		NorthWestern Corp. dba NorthWestern Energy, LLC	U.S.	9,425	9,425	-	-	9,020	9,020	-	-	(244)	(244)				388	388			262	262		
2017	WECC		Western Area Power Administration-Upper Great Plains Region	U.S.	11,084	11,084	-	-	10,607	10,607	-	-	(287)	(287)				456	456			308	308		
2017	WECC		Aha Macav Power Service	U.S.	457	457	-	-	437	437	-	-	(12)	(12)				19	19			13	13		
2017	WECC		Bureau of Reclamation (Desalter) - c/o DSW EMMO	U.S.	3	3	-	-	3	3	-	-	(0)	(0)				0	0			0	0		
2017	WECC		Bureau of Reclamation (Wellfield)	U.S.	214	214	-	-	205	205	-	-	(6)	(6)				9	9			6	6		
2017	WECC		Central Arizona Water Conservation District	U.S.	71,014	71,014	-	-	67,960	67,960	-	-	(1,839)	(1,839)				2,924	2,924			1,970	1,970		
2017	WECC		City of Mesa	U.S.	8,327	8,327	-	-	7,969	7,969	-	-	(216)	(216)				343	343			231	231		
2017	WECC		Needles Public Utilities Authority	U.S.	988	988	-	-	945	945	-	-	(26)	(26)				41	41			27	27		
2017	WECC		Colorado River Agency-Bureau of Indian Affairs	U.S.	552	552	-	-	528	528	-	-	(14)	(14)				23	23			15	15		
2017	WECC		Electrical District #2 - Coolidge Generating Station	U.S.	287	287	-	-	275	275	-	-	(7)	(7)				12	12			8	8		
2017	WECC		Electrical District #2	U.S.	5,904	5,904	-	-	5,650	5,650	-	-	(153)	(153)				243	243			164	164		
2017	WECC		Silver State Energy Association	U.S.	20,450	20,450	-	-	19,570	19,570	-	-	(530)	(530)				842	842			567	567		
2017	WECC		Arizona Electric Power Cooperative, Inc	U.S.	108,552	108,552	-	-	103,883	103,883	-	-	(2,812)	(2,812)				4,469	4,469			3,012	3,012		
2017	WECC		U.S. Army Yuma Proving Ground	U.S.	612	612	-	-	586	586	-	-	(16)	(16)				25	25			17	17		
2017	WECC		Wellton-Mohawk Irrigation & Drainage District	U.S.	158	158	-	-	152	152	-	-	(4)	(4)				7	7			4	4		
2017	WECC		Western Area Power Administration-Desert Southwest Region	U.S.	50,716	50,716	-	-	48,535	48,535	-	-	(1,314)	(1,314)				2,088	2,088			1,407	1,407		
TOTAL WECC					26,032,000	22,690,400	2,918,677	422,923	25,869,686	21,714,409	3,760,763	394,514	(587,686)	(587,686)				0	934,144	(951,116)	16,972	750,000	629,532	109,030	11,438
TOTAL ERO					114,211,051	103,477,873	10,310,255	422,923	106,449,109	97,045,322	9,009,273	394,514	(1,171,873)	(1,171,873)	8,183,815	6,040,747	2,143,068	0	934,144	(951,116)	16,972	750,000	629,532	109,030	11,438
Summary by Regional Entity																									
2017	FRCC				5,827,925	5,827,925	-	-	5,827,925	5,827,925	-	-	-	-				-	-			-	-		
2017	MRO				15,471,669	13,914,246	1,557,423	-	15,531,192	13,973,769	1,557,423	-	(59,523)	(59,523)				-	-			-	-		
2017	NPCC				15,003,411	9,169,256	5,834,155	-	6,819,596	3,128,509	3,691,086	-	-	-				8,183,815	6,040,747	2,143,068					
2017	RF				21,255,831	21,255,831	-	-	21,583,046	21,583,046	-	-	(327,215)	(327,215)				-	-			-	-		
2017	SERC				17,372,215	17,372,215	-	-	17,455,215	17,455,215	-	-	(83,000)	(83,000)				-	-			-	-		
2017	SPP				-	-	-	-	-	-	-	-	-	-				-	-			-	-		
2017	TRE				13,248,000	13,248,000	-	-	13,362,449	13,362,449	-	-	(114,449)	(114,449)				-	-			-	-		
2017	WECC				26,032,000	22,690,400	2,918,677	422,923	25,869,686	21,714,409	3,760,763	394,514	(587,686)	(587,686)				0	934,144	(951,116)	16,972	750,000	629,532	109,030	11,438
Total					114,211,051	103,477,873	10,310,255	422,923	106,449,109	97,045,322	9,009,273	394,514	(1,171,873)	(1,171,873)	8,183,815	6,040,747	2,143,068	0	934,144	(951,116)	16,972	750,000	629,532	109,030	11,438