

Table 6. Proposed High-voltage Transmission Line Additions Filed Covering Calendar Year 2009, by North American Electric Reliability Corporation, 2010 Through 2019
(Various)

Geographic Area			Voltage			Capacity	In-Service		Electrical Connection Locations		Line Information				Conductor Characteristics			Circuits		Company Information			
Country - with Total (T) for sub- regions	NERC Region	NERC Sub-region	Type	Operating (kV)	Design (kV)	Rating (MVA)	Month	Year	From Terminal	To Terminal	Length (Miles)	Type	Pole Type	Pole Material	Size (MCM)	Material	Bundling Arrangement	Present	Ultimate	Company Code	Company Name	Organizational Type	Ownership (Percent)
US	SERC	Central	AC	151-199	161	273	12	2010	Gallatin	Lascassas	-27.2	OH	tower	steel	795	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	273	12	2010	Gallatin	Lebanon	12.6	OH	tower	steel	795	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	273	12	2010	Gallatin	Murfreesboro	0.0	OH	tower	steel	795	ACSR	Single	1	2	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	121-150	138	215	5	2010	Higby Mill	West Lexington	12.0	OH	tower	steel	556	ACSR	Single	2	2	10171	E.ON U.S. Services Inc. for I		100
US	SERC	Central	AC	151-199	161	299	5	2010	McCreary	Huntsville	0.0	OH	H-frame	steel	954	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	273	12	2010	Lebanon	Lascassas	19.0	OH	tower	steel	795	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	4	2010	Maury	Rutherford	27.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	121-150	138	296	6	2010	Middletown	Collins	7.0	OH	single pole steel	954	ACSR	Single	2	2	10171	E.ON U.S. Services Inc. for I		100	
US	SERC	Central	AC	300-399	345	1195	6	2010	Mill Creek	Hardin County	42.0	OH	tower	steel	954	ACSR	Double	1	2	10171	E.ON U.S. Services Inc. for I		100
US	SERC	Central	AC	100-120	115	265	10	2010	Resaca	Moss Lake	9.0	OH	H-frame	steel	1351	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	410	6	2010	Rutherford	Almaville	6.0	OH	single pole steel	1590	ACSR	Single	1	1	18642	Tennessee Valley Authority		100	
US	SERC	Central	AC	151-199	161	299	10	2010	Rutherford	Christiana	12.0	OH	tower	steel	954	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	299	6	2010	Trinity	Cullman	0.0	OH	tower	steel	954	ACSR	Single	1	2	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	299	6	2010	Widows Creek	Oglethorpe	0.0	OH	tower	steel	954	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	299	6	2010	Widows Creek	Oglethorpe	0.0	OH	tower	steel	954	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	1732	6	2011	Browns Ferry	West Point	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	6	2012	Choctaw	French Camp	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	446	6	2012	Clay	Aberdeen	10.6	OH	Unknown	Unknown	954	Other	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	6	2012	Clay	Choctaw	37.4	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	6	2012	Cordova	Freeport	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	6	2012	Cumberland	Davidson	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	6	2012	Cumberland	Johnsionville	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	6	2012	Davidson	Pin Hook	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	410	6	2012	Gallatin	Angeltown	19.4	OH	Unknown	Unknown	1590	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	346	5	2012	Grahamville	Joppa DOE C33	2.0	OH	single pole steel	954	ACSR	Single	1	2	10171	E.ON U.S. Services Inc. for I		100	
US	SERC	Central	AC	121-150	138	296	5	2012	Hardin County	Elizabethtown	1.0	OH	tower	steel	954	ACSR	Double	2	2	10171	E.ON U.S. Services Inc. for I		100
US	SERC	Central	AC	300-399	345	1195	6	2012	J.K. Smith	J.K. Smith CFB	1.0	OH	H-frame	steel	954	ACSR	Double	1	2	5580	East Kentucky Power Coope		100
US	SERC	Central	AC	151-199	161	273	6	2010	Johnsonville	South Jackson	0.0	OH	tower	steel	795	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	11	2011	Madison	Limestone	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	405	6	2010	Mayfield	Golo	0.0	OH	tower	steel	1590	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	371	10	2012	MEC	Nucor	1.5	OH	Unknown	Unknown	1351	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	299	6	2010	Miller	Holly Springs	0.0	OH	tower	combinati	954	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	6	2012	Shelby	Lagoon Creek	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	121-150	138	242	12	2010	Tyrone	East Frankfort	0.0	OH	H-frame	wood	954	ACSR	Single	1	1	10171	E.ON U.S. Services Inc. for I		100
US	SERC	Central	AC	151-199	161	299	6	2012	Unionville	Rally Hill	18.0	OH	Unknown	Unknown	954	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	450	10	2013	Volunteer	East Knox	13.0	OH	Unknown	Unknown	954	ACSR	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	12	2010	Watts Bar	Bull Run	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	250	12	2012	West Irvine	Estill EP	2.0	OH	Unknown	Unknown	556	ACSR	Single	1	1	10171	E.ON U.S. Services Inc. for I		100
US	SERC	Central	AC	151-199	161	187	12	2012	West Irvine	West Irvine Tap	3.0	OH	H-frame	wood	556	ACSR	Single	1	1	10171	E.ON U.S. Services Inc. for I		100
US	SERC	Central	AC	400-599	500	2598	6	2012	West Point	Clay	0.1	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	245	6	2010	Wheeler	Maury	0.0	OH	tower	steel	397	Other	Single	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	9	2012	Wilson	Pin Hook	0.0	OH	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	292	6	2014	Wolf Creek	Clinton County	9.0	OH	Unknown	Unknown	954	ACSR	Single	1	1	5580	East Kentucky Power Coope		100
US	SERC	Delta	AC	400-599	500	2598	6	2010	Baxter Wilson	Ray Braswell	0.0	OH	Unknown	Unknown	954	ACSR	Triple	1	1	-	Entergy		100
US	SERC	Delta	AC	300-399	345	870	6	2012	Blackberry	Morgan	52.0	OH	H-frame	wood	795	ACSR	Double	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	300-399	345	870	6	2012	Blackberry	Neosho	8.5	OH	H-frame	wood	795	ACSR	Double	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	300-399	345	1369	6	2012	Blackberry	Sportsman Acres	92.5	OH	H-frame	wood	954	ACSR	Double	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	151-199	161	286	6	2012	Cabool	Mountain Grove	9.6	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	151-199	161	286	6	2012	Cabool	Willow Springs	14.4	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	151-199	161	286	6	2010	Camp Clark	Lamar	21.2	OH	H-frame	wood	795	ACSR	Single	2	2	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	151-199	161	1067	2	2011	Chouteau Plant	Sportsman Acres	1.2	OH	H-frame	wood	2156	ACSR	Double	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	300-399	345	1369	2	2011	GRDA	Sportsman Acres	3.2	OH	H-frame	wood	954	ACSR	Double	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	151-199	161	286	6	2010	Hyder Hill	Stockton (AEC)	6.4	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	100-120	161	122	12	2010	Long Lane	Phillipsburg	5.3	OH	single pole steel	795	ACSR	Single	1	1	924	Associated Electric Cooperat		100	
US	SERC	Delta	AC	151-199	161	286	6	2012	Mansfield	Mountain Grove	21.5	OH	single pole steel	795	ACSR	Single	2	2	924	Associated Electric Cooperat		100	
US	SERC	Delta	AC	151-199	161	227	6	2010	Marion Tap	Spaulding	2.6	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat		100
US	SERC	Delta	AC	151-199	161	364	6	2010	Melbourne	Sage	0.0	OH	Unknown	Unknown	1272	ACSR	Single	1	1	-	Entergy		100
US	SERC	Delta																					

US	SERC	Delta	AC	100-120	161	122	6	2013	Bear Creek	Rockaway	5.2 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	115	176	12	2012	Benton N	Benton S	6.0 OH	Unknown	Unknown	666 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	100-120	115	98	12	2011	Bismark	Alpine	0.0 OH	H-frame	wood	212 Copper	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Blackberry	Lamar	20.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Bledsoe	North Warsaw	1.3 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Bledsoe	Truman	1.3 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Bledsoe	Warsaw	3.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	161	122	6	2013	Branson	Table Rock	8.2 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	245	6	2013	Bristow	Gypsy	11.1 OH	single pole steel	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100	
US	SERC	Delta	AC	121-150	138	174	6	2013	Bristow	Okemah	21.1 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	167	6	2010	Bull Shoals	Bull Shoals SPA	0.0 OH	single pole wood	666 ACSR	Single	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	203	6	2010	Camp Clark	Hyder Hill	24.6 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	204	12	2012	Cedar Crest	Locust Grove	7.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Cedar Crest	Lowery	12.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	204	12	2012	Cedar Crest	Lowery	12.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Cedar Crest	Peggs	4.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	204	12	2012	Cedar Crest	Talequah	17.5 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	478	6	2012	Cedar Hill	Plantation	0.0 OH	single pole steel	954 ACSR	Double	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	286	6	2016	Charrette	Pickney Ridge	3.8 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	411	12	2010	Chask	Fontenot's Corner	0.0 OH	single pole steel	1272 Other	Single	2	2 -	Energy	100	
US	SERC	Delta	AC	200-299	230	520	6	2013	Church Rd	Getwell	16.0 OH	Unknown	Unknown	1272 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	247	3	2010	Dell	Manilla	0.0 OH	H-frame	combinati	666 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	223	12	2009	Donaghey	Conway South	0.0 OH	single pole steel	666 ACSR	Single	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	286	6	2015	Dresden	Georgetown	2.5 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2014	Dudley	Essex	15.2 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Dudley	St Francis	14.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	115	240	6	2011	E Vicksburg	Waterways	0.0 OH	Unknown	Unknown	1272 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	286	6	2010	Edmonson	Gravois	6.4 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	372	6	2012	Enon	Lake St. Louis	0.0 OH	H-frame	wood	1192 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Fair Grove	Holman	10.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	115	260	3	2011	Florence	Star	0.0 OH	Unknown	Unknown	1272 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	319	11	2010	Fredericktown	Wedeken Tap Sec. 1	2.2 OH	H-frame	wood	954 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	319	11	2010	Fredricktown	Fredricktown (UE)	2.2 OH	H-frame	wood	954 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	115	191	6	2010	Frostcraft	Rilla	0.0 OH	single pole steel	954 ACSR	Single	1	1 -	Energy	100	
US	SERC	Delta	AC	200-299	230	520	6	2015	Getwell	Senatobia Industrial	26.0 OH	Unknown	Unknown	1272 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	100-120	161	122	6	2013	Gretna	Simmons Mountain	2.2 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	245	6	2013	Gypsy	Stroud City	16.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	223	12	2009	Harrison East	Everton Rd	0.0 OH	H-frame	wood	666 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	200-299	230	785	6	2011	Hartburg	McLewis	0.0 OH	single pole steel	1222 Other	Single	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	617	6	2012	Holland Bottoms	Hamlet	20.0 OH	Unknown	Unknown	1572 Other	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	286	6	2017	Hooker	Dixon	6.9 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2017	Hooker	Fort Wood #4	6.1 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2017	Hooker	Gospel Ridge	3.9 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	115	98	6	2010	Hot Springs	Bismark	0.0 OH	H-frame	wood	212 Copper	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	160	6	2010	Indianola	Greenwood	0.0 OH	Unknown	Unknown	666 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	115	297	1	2012	IPOCO	Bastrop	0.0 OH	single pole steel	1590 ACSR	Single	1	1	Energy	100	
US	SERC	Delta	AC	200-299	230	501	6	2011	Jacinto	Lewis Creek	0.0 OH	single pole steel	395 Aluminum	Double	1	1 -	Energy	100	
US	SERC	Delta	AC	121-150	138	275	6	2013	Jasper	Sam Rayburn Dam	0.0 OH	single pole steel	336 ACSR	Double	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	246	6	2012	Jonesboro	hergett	0.0 OH	Unknown	Unknown	666 ACSR	Unknown	0	0 -	Energy	100
US	SERC	Delta	AC	200-299	230	829	9	2012	Labbe	Sellers Road	15.0 OH	Unknown	Unknown	1590 Aluminum	Single	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	372	6	2012	Lake St Louis	Dardenne	3.1 OH	single pole steel	1192 ACSR	Single	1	1	924 Associated Electric Cooperat	100	
US	SERC	Delta	AC	100-120	115	231	6	2012	Lakeover	Northpark	12.0 OH	single pole steel	1272 ACSR	Single	2	2 -	Energy	100	
US	SERC	Delta	AC	100-120	115	231	6	2012	Lakeover	Ridgeland	0.0 OH	single pole steel	1272 ACSR	Single	2	2 -	Energy	100	
US	SERC	Delta	AC	200-299	230	779	6	2012	Loblolly	Hammond	23.0 OH	single pole combinati	1272 Aluminum	Single	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	286	6	2016	Lost Creek	Pickney Ridge	6.6 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	228	6	2013	Luther	Warwick	7.4 OH	H-frame	wood	1272 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2017	Maries	Dixon	5.4 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	200-299	230	883	6	2011	McAdams	Pickens	0.0 OH	Unknown	Unknown	954 ACSR	Double	1	1 -	Energy	100
US	SERC	Delta	AC	151-199	161	286	6	2013	Miami	Neosho	30.3 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	115	246	6	2012	Monette	Paragould	0.0 OH	Unknown	Unknown	666 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	200-299	230	704	6	2012	Nelson	Moss Bluff	7.0 OH	Unknown	Unknown	666 ACSR	Double	1	1 -	Energy	100
US	SERC	Delta	AC	121-150	138	384	6	2013	Nelson	Mossville	0.0 OH	Unknown	Unknown	1780 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	100-120	115	178	7	2011	North Bastrop	Log Cabin	0.0 OH	single pole steel	1272 ACSR	Single	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	286	6	2010	North Warsaw	Edmonson	6.5 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	200-299	230	515	6	2012	Oakville	Alliance	10.0 OH	single pole steel	1590 ACSR	Double	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	365	6	2011	Osage Creek	Grandview	5.0 OH	single pole steel	1272 ACSR	Single	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	165	6	2010	Parkin	Twist	0.0 OH	H-frame	wood	336 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	121-150	138	174	6	2013	Pharoah	Okemah	14.0 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	478	6	2012	Plantation	Conroe	0.0 OH	single pole steel	954 ACSR	Double	1	1 -	Energy	100	
US	SERC	Delta	AC	151-199	161	286	6	2015	Reeds Spring	Cassville	36.0 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	161	122	6	2013	Reeds Spring	Gretna	8.0 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	161	122	6	2013	Rockaway	Branson	6.8 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	286	6	2012	Rogersville	Holman	7.2 OH	single pole steel	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100	
US	SERC	Delta	AC	100-120	161	122	6	2011	Rolla (South)	Yancy Mills	6.5 OH	H-frame	wood	795 ACSR	Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	151-199	161	416	6	2012	Russellville South	Dardanelle Dam	0.0 OH	Unknown	Unknown	1590 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	200-299	230	497	6	2011	Segura	Moril	1.0 OH	Unknown	Unknown	666 ACSR	Double	1	1 -	Energy	100
US	SERC	Delta	AC	200-299	230	829	6	2011	Sellers Road	Meaux	10.0 OH	Unknown	Unknown	954 ACSR	Double	1	1 -	Energy	100
US	SERC	Delta	AC	100-120	161	122	6	2013	Simmons Mountain	Bear Creek	2.2 OH	H-frame	wood	795 ACSR	Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	411	12	2010	South Beaumont	Cheek	0.0 OH	single pole steel	1272 Other	Single	1	1 -	Energy	100	
US	SERC	Delta	AC	100-120	115	260	6	2013	Springridge Rd	Wynndale	25.0 OH	Unknown	Unknown	1272 ACSR	Single	1	1 -	Energy	100
US	SERC	Delta	AC	100-120	115	297	6	2012	Sterlington	IPOCO	0.0 OH	single pole steel	1590 ACSR	Single	1	1 -			

US	SERC	Delta	AC	151-199	161	203	6	2012	Summersville East	Sweetwater	27.8	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat	100	
US	SERC	Delta	AC	151-199	161	286	6	2013	Sweetwater	Neosho	11.6	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat	100	
US	SERC	Delta	AC	100-120	161	122	6	2013	Table Rock	Table Rock (SPA)	0.5	OH	H-frame	wood	795	ACSR	Single	2	2	924	Associated Electric Cooperat	100	
US	SERC	Delta	AC	121-150	138	531	6	2012	Tamina	Cedar Hill	0.0	OH	single pole steel	954	ACSR	Double	1	1	-	Entergy	100		
US	SERC	Delta	AC	200-299	230	500	6	2012	Tillatoba	South Grenada	19.0	OH	single pole Unknown	1272	ACSR	Single	2	2	-	Entergy	100		
US	SERC	Delta	AC	151-199	161	286	5	2010	Troy	Lincoln	7.8	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat	100	
US	SERC	Delta	AC	100-120	115	276	5	2013	Walnut Grove	Swartz	0.0	OH	single pole steel	1590	ACSR	Single	1	1	-	Entergy	100		
US	SERC	Delta	AC	151-199	161	286	6	2015	Wheaton	Cassville	12.0	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat	100	
US	SERC	Delta	AC	151-199	161	286	6	2013	Wheaton	Reeds Spring	48.0	OH	H-frame	wood	795	ACSR	Single	2	2	924	Associated Electric Cooperat	100	
US	SERC	Delta	AC	200-299	230	711	6	2014	Willow Glen	Conway	15.0	OH	Unknown	Unknown	666	Other	Double	1	1	-	Entergy	100	
US	SERC	Delta	AC	151-199	161	203	6	2011	Willow Springs	Summersville East	27.8	OH	H-frame	wood	795	ACSR	Single	1	1	924	Associated Electric Cooperat	100	
US	SERC	Delta	AC	151-199	161	286	6	2012	Zion	Scruggs	1.4	OH	H-frame	wood	795	ACSR	Single	2	2	924	Associated Electric Cooperat	100	
US	SERC	Delta	AC	400-599	500	1800	6	2013	Bogue Chitto	Bogalusa	10.0	OH	Unknown	Unknown	0	Unknown	Unknown	0	0	-	Entergy	100	
US	FRCC	-	AC	400-599	400-599	2870	12	2017	Levy	Central FL South	50.0	OH	(Ove H-Frame	Steel	1590	ACSR	3-Triple	1	1	6455	PEF	I	100
US	FRCC	-	AC	400-599	400-599	2870	12	2017	Levy	Crystal River	10.0	OH	(Ove H-Frame	Steel	1590	ACSR	3-Triple	1	1	6455	PEF	I	100
US	FRCC	-	AC	400-599	400-599	2870	12	2017	Levy	Citrus #1	10.0	OH	(Ove H-Frame	Steel	1590	ACSR	3-Triple	1	1	6455	PEF	I	100
US	FRCC	-	AC	400-599	400-599	2870	12	2017	Levy	Citrus #2	10.0	OH	(Ove H-Frame	Steel	1590	ACSR	3-Triple	1	1	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	1190	12	2012	Manatee	Bob White	30.0	OH	(Ove Single Pol	Concrete	954	ACSR	2-Double	1	1	6452	FPL	I	100
US	FRCC	-	AC	200-299	200-299	668	5	2013	Greenland Energy Cent	Nocatee	4.4	OH	(Ove Single Pol	Composite	1590	ACSR	1-Single	1	1	9617	JE	M	100
US	FRCC	-	AC	200-299	200-299	800	5	2010	Stanton	Bithlo	7.0	OH	(Ove Single Pol	Steel	1272	Other	Select	1	1	14610	OUC	I	100
US	FRCC	-	AC	200-299	200-299	1195	12	2017	Kathleen	Lake Tarpon	45.0	OH	(Ove H-Frame	Steel	2627	Other	1-Single	1	1	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	1195	12	2017	Crystal River	Brookridge	35.0	OH	(Ove H-Frame	Steel	2627	Other	1-Single	1	1	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	1195	6	2010	Intercession City	West Lake Wales #2	30.0	OH	(Ove Single Pol	Steel	2627	Other	1-Single	2	2	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	925	7	2011	Hines Energy Complex	West Lake Wales #2	21.0	OH	(Ove Single Pol	Steel	2627	Other	1-Single	2	2	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	1195	7	2010	Avalon	Gifford	8.0	OH	(Ove Single Pol	Steel	2627	Other	1-Single	1	1	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	1141	4	2010	Bithlo	Stanton (OUC)	6.0	OH	(Ove Single Pol	Steel	1622	Other	1-Single	1	1	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	458	6	2016	Sub 5 230	Sub 7 230	12.8	OH	(Ove Single Pol	Composite	954	ACSR	1-Single	0	1	18445	TAL	M	100
US	FRCC	-	AC	200-299	200-299	458	12	2011	Hopkins-Crawfordville 2	Sub 5 230	8.0	OH	(Ove Single Pol	Composite	954	ACSR	1-Single	0	1	18445	TAL	M	100
US	FRCC	-	AC	200-299		1013	5	2019	Polk	FishHawk	30.5	OH	(Ove Single Pol	Steel	1590	ACSR	1-Single	1	2	18454	TEC	I	100
US	FRCC	-	AC	200-299		749	12	2011	Big Bend	State Road 60	13.8	OH	(Ove Single Pol	Steel	1590	ACSR	1-Single	1	2	18454	TEC	I	100
US	FRCC	-	AC	200-299		749	5	2019	Polk	Pebbledale (1)	13.5	OH	(Ove Single Pol	Steel	1590	ACSR	1-Single	1	2	18454	TEC	I	100
US	FRCC	-	AC	200-299		1013	5	2019	Polk	Pebbledale (2)	9.9	OH	(Ove Single Pol	Steel	1590	ACSR	1-Single	1	2	18454	TEC	I	100
US	FRCC	-	AC	200-299		749	5	2014	Bayside Power Station	Bayside (Future CT 5)	0.7	OH	(Ove Single Pol	Steel	1590	ACSR	1-Single	1	2	18454	TEC	I	100
US	FRCC	-	AC	200-299		749	5	2016	Bayside Power Station	Bayside (Future CT 6)	0.7	OH	(Ove Single Pol	Steel	1590	ACSR	1-Single	1	2	18454	TEC	I	100
US	FRCC	-	AC	200-299		749	5	2013	Big Bend Station	Big Bend (Future CT 4)	0.7	OH	(Ove Single Pol	Steel	1590	ACSR	1-Single	1	2	18454	TEC	I	100
US	FRCC	-	AC	200-299		478	5	2013	Big Bend (Switching Sta	Big Bend (CT 5, 6, 7)	0.1	OH	(Ove Single Pol	Steel	1590	ACSR	1-Single	1	2	18454	TEC	I	100
US	FRCC	-	AC	100-120	100-120	232	10	2011	Sub 21 115	Sub 17 115	6.0	OH	(Ove Single Pol	Composite	954	ACSR	1-Single	0	1	18445	TAL	M	100
US	FRCC	-	AC	100-120	100-120	232	12	2011	Sub 14 115	Sub 7 115	6.0	OH	(Ove Single Pol	Composite	954	ACSR	1-Single	0	1	18445	TAL	M	100
US	FRCC	-	AC	100-120	100-120	232	2	2010	Sub 17 115	Sub 14 115	4.0	OH	(Ove Single Pol	Composite	954	ACSR	1-Single	0	1	18445	TAL	M	100
US	FRCC	-	AC	100-120	100-120	232	10	2010	Sub 9 115	Sub 21 115	3.0	OH	(Ove Single Pol	Composite	954	ACSR	1-Single	0	1	18445	TAL	M	100
US	FRCC	-	AC	100-120	100-120	150	10	2010	SECI Woodville 115	Woodville 115	1.0	Single Pol	Concrete	336	ACSR	1-Single	0	1	18445	TAL	M	100	
US	FRCC	-	AC	100-120	100-120	209	12	2010	Switch St 115	Sub 5 115	0.0	OH	(Ove H-Frame	Composite	477	ACCR	1-Single	1	1	18445	TAL	M	100
US	FRCC	-	AC	100-120	100-120	300	11	2010	Hopkins 115	Sub 10 115	0.0	OH	(Ove Single Pol	Composite	Other	1-Single	2	2	18445	TAL	M	100	
US	FRCC	-	AC	100-120	100-120	209	9	2012	Sub 9 115	Sub 4 115	0.0	OH	(Ove Tower	Composite	954	ACSR	1-Single	2	2	18445	TAL	M	100
US	FRCC	-	AC	100-120	100-120	209	9	2012	Sub 5 115	Sub 9 115	0.0	OH	(Ove Tower	Composite	954	ACSR	1-Single	2	2	18445	TAL	M	100
US	FRCC	-	AC	200-299	200-299	1195	12	2017	Brookridge	Brooksville West	0.0	OH	(Ove H-Frame	Steel	2627	Other	1-Single	1	1	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	1195	6	2010	Intercession City	West Lake Wales #1	0.0	OH	(Ove Single Pol	Steel	2627	Other	1-Single	2	2	6455	PEF	I	100
US	FRCC	-	AC	200-299	200-299	759	12	2013	St. Johns	Pringle	0.0	OH	(Ove Single Pol	Select	1431	ACSR	1-Single	1	1	6452	FPL	I	100
US	SERC	Gateway	AC	300-399	345	1793	6	2010	Baldwin Power Plant Su	Rush Island Plant Subst	26.0	OH	single pole steel	954	Other	Double	1	1	-	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	337	6	2010	Brokaw	State Farm	0.0	OH	tower	steel	795	ACSR	Single	1	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	151-199	161	203	6	2012	AECI - McBaine Substa	CWLD - "New" Substatio	4.0	OH	single pole steel	795	ACSR	Single	1	1	4007	City of Columbia, MO	100		
US	SERC	Gateway	AC	151-199	161	335	6	2011	Apache Flats Bus 1	Apache Flats Bus 2	0.0	OH	other	other	795	Other	Single	0	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	339	6	2011	Arnold Bus 2	Arnold Bus 3	0.0	OH	other	other	795	Other	Single	0	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	12	2016	Baldwin	Grand Tower	45.0	OH	single pole steel	954	Other	Double	0	1	-	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	175	6	2012	Benton	West Frankfort	0.0	OH	H-frame	wood	556	ACSR	Single	1	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	287	6	2014	Bondville	SW Campus	8.0	OH	single pole steel	954	Other	Single	0	1	-	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	240	6	2015	Brokaw	CB Towanda Tap	0.0	OH	single pole steel	1272	ACSR	Single	1	1	-	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	269	6	2015	Brokaw	Normal East	0.0	OH	single pole wood	556	Other	Single	1	1	-	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	287	6	2010	Cahokia	Ashley	0.0	OH	tower	steel	350	Copper	Double	2	2	-	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	339	6	2016	Camden	Ullman (MRES-O-1 tap)	16.0	OH	H-frame	wood	795	Other	Single	0	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2019	Campbell	Mason	17.0	OH	tower	steel	954	Other	Double	0	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	423	6	2019	Campbell	Page	0.0	OH	tower	steel	1192	Other	Single	2	2	-	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	423	6	2019	Campbell	Page	0.0	OH	tower	steel	1192	Other	Single	2	2	-	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	269	6	2010	Campbell Hill Tap	Steeleville	0.0	OH	H-frame	wood	556	Other	Single	1	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	151-199	161	335	6	2018	Cape	Joppa	0.0	OH	H-frame	wood	795	Other	Single	1	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	151-199	161	250	7	2010	Cape	Wedekind Tap	0.0	OH	H-frame	wood	795	ACSR	Single	1	1	-	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	240	6	2010	Conway	Orchard Gardens	0.0	OH	tower	steel	954	ACSR	Single	2	2	-	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	240	6	2010	Conway	Orchard Gardens	0.0	OH	tower	steel	954	ACSR	Single	2	2	-	Ameren Services Company	100	
US	SERC	Gateway	AC	151-199	161	203	6	2012	CWLD "New" Substation	CWLD - Grindstone	3.0	OH	single pole steel	795	ACSR	Single	1	1	4007	City of Columbia, MO	100		
US	SERC	Gateway	AC	151-199</																			

US	SERC	Gateway	AC	121-150	138	202	6	2014 Havana South	Mason City West	0.0 OH	H-frame	wood	477 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	214	6	2011 Hennepin	Ottawa Jct.	0.0 OH	H-frame	wood	795 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2018 Hutsonville	Merom	12.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2019 Labadie	Mason	25.0 OH	H-frame	wood	954 Other	Double	0	2 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1195	12	2010 Labadie	Tyson	0.0 OH	tower	steel	954 ACSR	Double	2	2 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1200	12	2010 Labadie	Tyson	0.0 OH	tower	steel	954 ACSR	Double	2	2 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	269	6	2015 LaSalle	Oglesby Main	0.0 OH	single pole steel	556 Other	Single	1	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	269	6	2014 Latham	Kickapoo	0.0 OH	H-frame	wood	556 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2016 Lutesville	NW Cape	11.0 OH	H-frame	wood	954 Other	Double	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	269	6	2015 Madison Industrial	Madison State Street Tap	0.0 OH	tower	steel	556 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	151-199	161	203	6	2013 Marion Power Plant	Carrier Mills	25.0 OH	H-frame	wood	795 ACSR	Single	1	1 -	976 Southern Illinois Power Coop	100	
US	SERC	Gateway	AC	121-150	138	423	6	2011 Midway	Litchfield Tap	0.0 OH	H-frame	wood	1192 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	151-199	161	250	6	2015 Miller	Zion	0.0 OH	H-frame	wood	795 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1072	6	2015 Montgomery	Spencer Creek	0.0 OH	H-frame	wood	795 ACSR	Double	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	160	6	2010 Mt. Vernon	Ashley	0.0 OH	H-frame	wood	477 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	160	6	2013 Mt. Vernon West	South Centralia	0.0 OH	H-frame	wood	477 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2012 Mt. Vernon West	West Frankfort East	0.0 OH	H-frame	wood	954 ACSR	Double	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	126	12	2010 N/A	N/A	2.0 OH	single pole steel	336 ACSR	Single	1	1 -	40307 Prairie Power, Inc.	100		
US	SERC	Gateway	AC	121-150	138	287	6	2017 Normal East	CB Towanda Tap	0.0 OH	single pole steel	1272 ACSR	Single	1	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	382	6	2014 North Alton	Wood River - Stallings-1	4.0 OH	single pole steel	954 Other	Single	0	2 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	269	6	2015 North Decatur	Clinton Rt. 54	0.0 OH	tower	steel	795 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	339	6	2014 North LaSalle	LaSalle Jct.	0.0 OH	single pole steel	795 Other	Single	1	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	287	6	2011 North LaSalle	Ottawa	34.0 OH	single pole steel	954 Other	Single	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	269	6	2012 Old Danvers	South Bloomington	0.0 OH	tower	steel	556 Other	Single	2	2 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2014 Oreana	Clinton-Latham Tap	8.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	151-199	161	250	6	2018 Overton	Columbia	0.0 OH	H-frame	wood	795 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1195	6	2019 Page	Sioux	0.0 OH	tower	steel	954 Other	Double	2	2 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2016 Palmyra	Quincy	10.0 OH	single pole steel	954 Other	Double	1	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	240	6	2014 Pana North	Ramsey East	0.0 OH	H-frame	wood	954 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	339	6	2019 Rivermines	North Farmington	6.0 OH	H-frame	wood	795 Other	Single	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	339	11	2011 Rockwood	Big River	14.0 OH	H-frame	wood	795 Other	Single	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	338	6	2012 Sandy Creek	Bailey	0.0 OH	H-frame	wood	795 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2017 Sidney	Rising	27.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	339	6	2014 Sidney	Windsor	0.0 OH	H-frame	wood	795 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	339	6	2012 Sioux	Huster	0.0 OH	H-frame	wood	795 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	339	6	2012 Sioux	Huster	0.0 OH	tower	steel	795 Other	Single	3	3 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	160	6	2011 South Belleville	17th Street Tap	0.0 OH	single pole steel	477 ACSR	Single	1	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	280	12	2015 South Belleville	Fayetteville North Tap	0.0 OH	H-frame	wood	1272 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	12	2014 South Bloomington	Brokaw	5.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	255	12	2013 South Bloomington	Washington Street	0.0 OH	tower	steel	477 ACSR	Single	2	2 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	280	6	2011 Stallings	East Collinsville	0.0 OH	H-frame	wood	1272 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	287	6	2012 Stallings	Granite City 23rd St Jct.	0.0 OH	H-frame	wood	1272 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2012 Stallings	Prairie State	0.0 OH	H-frame	wood	1272 ACSR	Double	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	287	6	2012 Stallings	Wanda Tap	0.0 OH	H-frame	wood	795 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	423	6	2012 Stallings South Bus	Stallings North Bus	0.0 OH	other	other	1192 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	305	6	2013 Tazewell	San Jose Rail	0.0 OH	single pole steel	795 Other	Single	795 Other	Single	1	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	300-399	345	1793	6	2014 Thomas Hill	Ottumwa	105.0 OH	H-frame	wood	954 Other	Double	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2017 Turkey Hill	Cahokia	0.0 OH	H-frame	wood	954 Other	Double	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	280	6	2010 Turkey Hill	South Belleville	0.0 OH	H-frame	wood	1272 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	302	6	2014 Tyson	Orchard Gardens	0.0 OH	tower	steel	954 ACSR	Single	2	2 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	302	6	2014 Tyson	Orchard Gardens	0.0 OH	tower	steel	954 ACSR	Single	2	2 -	Ameren Services Company	100	
US	SERC	Gateway	AC	151-199	161	558	6	2015 Warrenton	Troy (UE)	10.0 OH	H-frame	wood	1192 Other	Single	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	202	9	2013 White Oak Tap	El Paso Tap	0.0 OH	H-frame	wood	477 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	382	6	2014 Wood River - Stallings -	North Alton	4.0 OH	single pole steel	954 Other	Single	0	2 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2020 Albion	Norris City	26.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	339	6	2019 Bunsonville	Tilton	9.0 OH	single pole steel	795 Other	Single	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2019 Cahokia	Dupo Ferry	8.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2018 Fargo	Galesburg	35.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	151-199	161	257	6	2016 Fredericktown	Fredericktown Tap (AEC	0.0 OH	H-frame	wood	795 ACSR	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2018 Galesburg	Oak Grove (MEC)	35.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	264	6	2019 Gibson City South	Brokaw	0.0 OH	H-frame	wood	556 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	121-150	138	264	6	2019 Gibson City South	Paxton	0.0 OH	H-frame	wood	556 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2020 Grand Tower	Joppa	50.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2018 Grand Tower	West Frankfort East	41.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	151-199	161	335	6	2017 Joppa	Mound City	0.0 OH	H-frame	wood	795 Other	Single	1	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2020 Kansas West	Breed-Eugene Tap	35.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2020 LaSalle	Oglesby	22.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2019 Loose Creek	Kingdom City	25.0 OH	H-frame	wood	954 Other	Double	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2019 Loose Creek	Pleasant Hill	138.0 OH	H-frame	wood	954 Other	Double	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2018 Meredosias	Ipava	43.0 OH	single pole steel	954 Other	Double	0	2 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2018 Meredosias	Pawnee	55.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	161	335	6	2018 Mound City	Charleston	20.0 OH	single pole steel	795 Other	Single	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2017 Mt. Zion	Kansas	50.0 OH	single pole steel	954 Other	Double	1	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2018 Newton	Hutsonville	40.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2020 Palmyra	Fairport	122.0 OH	H-frame	wood	954 Other	Double	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2017 Pana North	Mt. Zion	32.0 OH	single pole steel	954 Other	Double	1	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2018 Quincy	Meredosias	45.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2019 Roxford	Campbell	13.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	300-399	345	1793	6	2019 Rush Island	Dupo Ferry	27.0 OH	tower	steel	954 Other	Double	0	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC	300-399	345	1793	6	2020 Tazewell	South Bloomington	35.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	287	6	2018 Tazewell	Tremont	3.0 OH	single pole steel	795 Other	Single	0	1 -	Ameren Services Company	100		
US	SERC	Gateway	AC	121-150	138	287	6	2016 Vermillion	North Champaign	0.0 OH	H-frame	wood	795 Other	Single	1	1 -	Ameren Services Company	100	
US	MRO	-	AC	151-199	161	332	6	2012 Ames Plant 161/69 kV	NE Ankeny 161 kV Subs/	22.0 OH	P	S	T2-397 AC ACSR	Single	1	1 -	554 Ames, City of	M	
US	MRO	-	AC																

US	MRO	-	AC	121-150	138	1349	4	2010	PADDOCK	ROCKDALE	35.0 OH	P	S	1113	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2010	OAK RIDGE	VERONA	5.8 OH	P	S	477	ACSR	2	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	262	11	2011	SHOREWOOD	HUMBOLDT	0.8 UG	U	O	2000	CU	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	100-120	138	175	6	2012	CLEAR LAKE	WOODMIN	7.5 OH	P	W	477	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	151-199	161	445	6	2013	MONROE COUNTY	COUNCIL CREEK	17.5 OH	P	S	556	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	300-399	345	1463	6	2013	ROCKDALE	CARDINAL	32.1 OH	P	S	1113	ACSR	2	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2015	BROOKDALE	WESTRIDGE	5.0 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2015	CHANDLER	18TH RD	6.0 OH	P	S	477	ACSR	2	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	293	6	2016	NORTH LAKE GENEVA	SOUTH LAKE GENEVA	5.0 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	383	6	2017	BIRCHWOOD	LAKE DELTON	5.0 OH	P	S	477	ACSR	2	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2017	BLOUNT	WALNUT	3.2 UG	U	O	2000	CU	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2017	WALNUT	BLACKHAWK	3.0 UG	U	O	2000	CU	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2017	BLACKHAWK	TERRACE AVE RISER	2.8 UG	U	O	2000	CU	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2017	TERRACE AVE RISER	CARDINAL	2.8 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2017	GERMANTOWN	COUNTRY AIRE	4.0 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2017	ARENA	MAZOMANIE INDUSTRI	6.0 OH	P	S	477	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2017	WICK DRIVE	MAZOMANIE INDUSTRI	1.0 OH	P	S	477	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2017	WICK DRIVE	MAZOMANIE	2.0 OH	P	S	477	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2017	MAZOMANIE	BLACK EARTH	4.0 OH	P	S	477	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2017	BLACK EARTH	STAGE COACH	7.0 OH	P	S	477	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	300-399	345	2110	6	2017	SPRING GREEN	CARDINAL	28.0 OH	P	S	954	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2017	SPRING GREEN	ARENA	7.0 OH	P	S	477	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	348	6	2017	STAGE COACH	CARDINAL	3.0 OH	P	S	477	ACSR	2	2	2	659	ATCLLC	O	100
US	MRO	-	AC	300-399	345	2110	6	2017	NORTH LACROSSE	SPRING GREEN	130.0 OH	P	S	954	ACSR	2	1	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	293	6	2018	GLORY RD	GREEN BAY SW	1.6 OH	P	S	795	ACSR	1	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	293	6	2018	DEPERE	GREEN BAY SW	1.6 OH	P	S	795	ACSR	1	2	2	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	293	6	2018	SOUTH LAKE GENEVA	TWIN LAKES	12.0 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	293	6	2018	TWIN LAKES	SPRING VALLEY	12.0 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	293	6	2019	EAST BEAVER DAM	HORICON	10.0 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	300-399	345	1096	6	2019	BAIN	ZION ENERGY CENTER	6.0 OH	P	S	2156	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	300-399	345	815	6	2019	ROCKDALE	CONCORD	29.8 OH	P	S	2156	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	300-399	345	815	6	2019	CONCORD	BARK RIVER	19.0 OH	P	S	2156	ACSR	1	2	2	659	ATCLLC	O	100
US	MRO	-	AC	300-399	345	815	6	2019	BARK RIVER	MILL RD	10.8 OH	P	S	2156	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2020	BAVPORT	SUAMICO	5.3 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2020	SUAMICO	SOBIESKI	5.1 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2020	SOBIESKI	PIONEER	10.8 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	121-150	138	290	6	2020	SHOT	CUSTER	9.9 OH	P	S	795	ACSR	1	1	1	659	ATCLLC	O	100
US	MRO	-	AC	200-299	230		4	2010	Beilfield (BN)	Rhame, ND (New)	74.0 OH	P	S	1272	MCA ACSR	1	1	1	BEPC		100	
US	MRO	-	AC	100-120	115	315	10	2010	Badoura	Birch Lake	16.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	225	10	2010	Sartell	Le Sauk	3.0 OH	P	W	477	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	12	2010	Scareyville	Southdale	9.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2011	High Island	High Island Tap	7.5 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	114	6	2011	Parkers Prairie	Parkers Prairie Tap	2.0 OH	P	W	336	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	225	10	2011	Tamarac	Cormarant Tap	7.3 OH	P	W	477	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	225	10	2011	Cormarant Junction	Cormarant Tap	1.5 OH	P	W	477	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	114	12	2011	Pokegama	Pokegama Tap	8.0 OH	P	W	336	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	2	2012	Crooked Lake	Enterprise Park	3.5 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	5	2012	Northport	Northport	1.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	11	2012	Macville	Blind Lake	22.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	142	11	2013	Mantrap	Potato Lake	6.3 OH	P	W	477	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	225	12	2013	Onigum	Birch Lake	9.5 OH	P	W	477	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2014	Carver County	Assumption	5.1 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	12	2014	Floodwood	Cromwell	29.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2015	High Island	Arlington	10.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2016	Alexandria	Albany	50.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2016	Assumption	Belle Plaine	10.3 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2016	Lake Marion	Lake Marion Tap	2.4 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2016	Lake Marion	New Market	5.6 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2016	New Market	Helena	15.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2018	Brownston	McLeod	9.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	142	6	2018	Little Falls	Lastrup	12.0 OH	P	W	477	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	142	6	2018	MN Pipeline Tap	Hubbard	2.5 OH	P	W	477	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	142	6	2018	MN Pipeline	MN Pipeline Tap	4.0 OH	P	W	477	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	142	6	2018	Osage	MN Pipeline	9.0 OH	P	W	477	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	142	6	2018	Shell Lake	Osage	6.0 OH	P	W	477	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	142	6	2018	Shell Lake	Pine Point	5.3 OH	P	W	477	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	142	6	2018	Potato Lake	Shell Lake	17.0 OH	P	W	477	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2018	Big Swan	Litchfield	9.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	100-120	115	315	6	2019	Albany	West St. Cloud	17.0 OH	P	W	795	ACSS	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	200-299	230	513	6	2020	Dalbo	Milaca	24.5 OH	P	W	1272	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	200-299	230	513	6	2020	Dalbo	Rush City	31.4 OH	P	W	1272	ACSR	1	0	1	7570	Great River Energy	C	100
US	MRO	-	AC	151-199	161/115	400	4	2011	Apple River	Chisago	42.0 40-OH/2-T.U		S	795	ACSS	1	0	2	4716	Dairyland Power	C	50
US	MRO	-	AC	100-120	115	240	4	2010	WEC Sub	NPPD-Hastings South St	2.4 OH	P	W	T-2 477 H	ACSR	1						

US	MRO	-	AC	151-199	161	446	12	2013	Boone	Boone Jct	5.2 OH	P	S	T2-795	ACSR	1	2	2	ITC Midwest	I	100	
US	MRO	-	AC	100-120	115		12	2013	Boone	Boone Jct	-5.2 OH								ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	291	12	2013	Grand Jct	Boone	20.4 OH	P	S	T2-397	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	100-120	115		12	2013	Grand Jct	Boone	-20.4 OH								ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	326	12	2012	Hiawatha	Lewis Fields	8.0 OH	P	S	T2-477	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	100-120	115	233	6	2010	Dry Creek	Old Settlers	0.5 OH	P	S	T2-477	ACSR	1	2	2	ITC Midwest	I	100	
US	MRO	-	AC	100-120	115	233	6	2010	Old Settlers	Marion	0.5 OH	P	S	T2-477	ACSR	1	2	2	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	326	6	2010	Maquoketa	Grand Mound	2.0 OH	P	S	T2-477	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	446	12	2014	Nuthatch	Iowa Falls	3.0 OH	P	S	T2-795	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	446	12	2014	Iowa Falls	Iowa Falls Industrial	2.8 OH	P	S	T2-795	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	446	12	2014	Iowa Falls Industrial	Wellsburg	23.2 OH	P	S	T2-795	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	446	12	2014	Wellsburg	Marshalltown	23.8 OH	P	S	T2-795	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	300	12	2014	Wellsburg	Marshalltown	2.7 OH	P	S	954 ACSR		1	2	2	ITC Midwest	I	100	
US	MRO	-	AC	100-120	115		12	2014	Iowa Falls	Iowa Falls Industrial Tap	-1.2 OH								ITC Midwest	I	100	
US	MRO	-	AC	100-120	115		12	2014	Iowa Falls Industrial Tap	Eldora	-10.7 OH								ITC Midwest	I	100	
US	MRO	-	AC	100-120	115		12	2014	Iowa Falls Industrial	Iowa Falls Industrial Tap	-1.5 OH								ITC Midwest	I	100	
US	MRO	-	AC	100-120	115		12	2014	Eldora	Wellsburg	-11.0 OH								ITC Midwest	I	100	
US	MRO	-	AC	100-120	115		12	2014	Wellsburg	Marshalltown	-26.5 OH								ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	326	6	2010	6th St	Downtown	0.2 OH	P	S	T2-477	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	326	6	2010	Downtown	Beverly	5.8 OH	P	S	T2-477	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	300-399	345	1195	12	2012	Salem	Hazleton	27.0 OH	P	S	T2-477	ACSR	2	1	1	ITC Midwest	I	100	
US	MRO	-	AC	300-399	345	1195	12	2012	Salem	Hazleton	54.0 OH	P	S	T2-477	ACSR	2	2	2	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	326	6	2012	Morgan Valley	Beverly	8.0 OH	P	S	T2-477	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	326	12	2012	Downtown Industrial	Downtown Network	2.0 OH	P	S	T2-477	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	326	12	2012	Downtown Network	PCI	4.0 OH	P	S	T2-477	ACSR	1	2	2	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	446	12	2013	Heron Lake	Cottonwood	5.7 OH	P	S	T2-795	ACSR	1	2	2	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	446	12	2013	Heron Lake	Cottonwood	11.5 OH	P	S	T2-795	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	151-199	161	446	12	2013	Cottonwood	Dotson	29.0 OH	P	S	T2-795	ACSR	1	1	1	ITC Midwest	I	100	
US	MRO	-	AC	100-120	115	181	5	2013	30th & A	56th & Everett	2.0 OH	P	S	T2-397.5	ACSR	1	1	1	11018 LES	M	100	
US	MRO	-	AC	100-120	115	362	5	2014	SW 7th & Bennet	40th & Rokeby	5.5 OH	P	S	T2-397.5	ACSR	2	1	1	11018 LES	M	100	
US	MRO	-	AC	100-120	115	181	5	2015	21st & N	17th & Holdrege	1.3 OH	P	S	T2-397.5	ACSR	1	1	1	11018 LES	M	100	
US	MRO	-	AC	100-120	115	181	5	2016	30th & A	21st & N	1.3 OH	P	S	T2-397.5	ACSR	1	1	1	11018 LES	M	100	
US	MRO	-	AC	100-120	115	148	12	2013	Dickinson Jct Sub	North Dickinson Sub	8.5 OH	P	W	954 ACSR		1	0	1	12199 MDU	I	100	
US	MRO	-	AC	151-199	161	318	6	2012	Sub 43	Colona Rd	0.4 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	318	6	2012	Sub 39	Colona Rd	0.4 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	300-399	345	1195	6	2014	Raun	Sioux City	23.0 OH	H	S	T2-556	ACSR	2	1	1	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2010	Delaware	Bondurant	0.1 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2010	Delaware	Sycamore	0.1 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2016	Granger	N Grimes	0.1 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2016	N Grimes	Grimes Tap	0.1 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2013	Grimes	W Waukee	9.2 OH	P	S	T2-556	ACSR	1	3	3	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2013	W Waukee	Bonneville	7.4 OH	P	S	T2-556	ACSR	1	3	3	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2015	Bittersweet	Polk City	0.1 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2015	Polk City	Ankeny	0.1 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2018	Sycamore	Forest & Vermont	0.1 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2018	Boston	Forest & Vermont	0.1 OH	P	S	T2-556	ACSR	1	2	2	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2016	Metro E	E Altoona	7.0 OH	P	S	T2-556	ACSR	1	1	1	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	6	2016	E Altoona	Bondurant	4.0 OH	P	S	T2-556	ACSR	1	1	1	12341 MEC	I	100	
US	MRO	-	AC	151-199	161	410	12	2012	Crawford County	Wind Junction	34.0 OH	P	S	T2-556	ACSR	1	1	1	12341 MEC	I	100	
US	MRO	-	AC	200-299	230	465	12	2011	Wilton	Cass Lake	19.0 OH	H	W	954 ACSR		1	1	1	12647 CAPX Partnership	I	9.3	
US	MRO	-	AC	200-299	230	465	12	2011	Cass Lake	Boswell	50.0 OH	H	W	954 ACSR		1	1	1	12647 CAPX Partnership	I	9.3	
US	MRO	-	AC	200-299	230	629	9	2010	Bison	Square Butte	22.2 OH	H	W	1780 ACSS		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	200-299	230	423	10	2012	Boswell	Essar Mine Substation	10.0 OH	H	W	1590 ACSR		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	200-299	230	632	6	2011	Essar Mine Substation	Shannon	2.0 OH	H	W	1590 ACSR		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	200-299	230	423	10	2013	Essar Steel Substation	Shannon	8.0 OH	H	W	1590 ACSR		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	200-299	230	470	6	2011	Essar Steel Substation	Blackberry	18.0 OH	H	W	954 ACSR		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	121-150	138	219	12	2010	Shibo	Hoyle Lakes	2.2 OH	H	W	636 ACSR		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	100-120	115	182	5	2010	Pine River	Pequot Lakes	8.9 OH	H	W	636 ACSR		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	100-120	115	182	11	2011	Savanna Tap	Savanna Substation	1.1 OH	H	W	636 ACSR		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	100-120	115	182	6	2011	Boswell	Nashauk	0.0 OH	H	W	636 ACSR		1	1	1	12647 Minnesota Power	I	100	
US	MRO	-	AC	100-120	115	223	10	2010	Steele City	Knob Hill	35.0 OH	P	W	T2-477	ACSR	1	1	1	13337 NPPD	S	7	
US	MRO	-	AC	100-120	115	266	6	2012	Twin Church	South Sioux City	7.0 OH	P	W	T2-477	ACSR	1	1	1	13337 NPPD	S	100	
US	MRO	-	AC	100-120	115	266	6	2012	Twin Church	South Sioux City	12.0 OH	P	W	T2-477	ACSR	1	1	1	13337 NPPD	S	100	
US	MRO	-	AC	100-120	115	174	11	2012	O'Neill	Stuart South	28.0 OH	P	W	T2-477	ACSR	1	1	1	13337 NPPD	S	100	
US	MRO	-	AC	100-120	115	174	11	2012	Petersburg	Ericson	35.0 OH	P	W	T2-477	ACSR	1	1	1	13337 NPPD	S	100	
US	MRO	-	AC	300-399	345	1792	6	2013	Axtell	Post Rock	125.0 OH	P	S	T2-477	ACSR	2	1	1	13337 NPPD	S	36	
US	MRO	-	AC	100-120	115	174	11	2012	Clarks	Central City North	10.0 OH	P	W	T2-477	ACSR	1	1	1	13337 NPPD	S	100	
US	MRO	-	AC	100-120	115	142	12	2012	Substation F	St. Libory Junction	7.0 OH	P	S	336 T2	ACSR	1	1	1	40606 Grand Island	M	100	
US	MRO	-	AC	100-120	115	142	4	2011	WAPA Letcher Jct	Mitchell Transmission	12.0 OH			Single Pol Wood	TBD	556 ACSR	Single	1	1	13809 NorthWestern Energy	I	100
US	MRO	-	AC	300-399	300-399		6	2015	Brookings County Sub	Lyon County Sub	58.0 OH	TBD	TBD	TBD	TBD	2	1	1	14232 CAPX Partnership	I	Varies	
US	MRO	-	AC	300-399	300-399		6	2015	Lyon County Sub	Cedar Mountain Sub	52.0 OH	TBD	TBD	TBD	TBD	2	2	2	14232 CAPX Partnership	I	Varies	
US	MRO	-	AC	300-399	300-399		6	2015	Cedar Mountain Sub	Helena Switch Station	62.0 OH	TBD	TBD	TBD	TBD	2	2	2	14232 CAPX Partnership	I	Varies	
US	MRO	-	AC	300-399	300-399		6	2015	Helena Switch Station	Lake Marion	28.0 OH	TBD	TBD	TBD	TBD	2	1	2	14232 CAPX Partnership	I	Varies	
US	MRO	-	AC	300-399	300-399		6	2015	Lake Marion	Hampton Corners	19.0 OH	TBD	TBD	TBD	TBD	2	1	2	14232 CAPX Partnership	I	Varies	
US	MRO	-	AC	300-399	300-399		6	2015	Lyon County Sub	Hazel Creek Sub	25.0 OH	TBD	TBD	TBD	TBD	2	1	2	14232 CAPX Partnership	I	Varies	
US	MRO	-	AC	300-399	300-399		6	2015	Hazel Creek Sub	MN Valley Sub	5.0 OH	TBD	TBD	TBD	TBD	1	1	2				

US	NPCC	New England	AC	300-399	345	1275	1	2011	Newfane S/S	Coolidge S/S	35.0 OH	Pole	W	954	ACSR	2	1	1	19899	VELCO	I	100	
US	NPCC	New England	AC	300-399	345	2172	1	2014	West Farnum S/S	CT/RI Border	17.7 OH	H	S	2-1590	ACSR	2	1	1	13433	NEP	I	100	
US	NPCC	New England	AC	300-399	345	2172	1	2014	Millbury S/S	West Farnum S/S	20.7 OH	H	S	2-1590	ACSR	2	1	1	13433	NEP	I	100	
US	NPCC	New England	AC	300-399	345	1353	1	2012	Kent County S/S	West Farnum S/S	0.1 OH	H	S	2900	AAC	2	1	1	13433	NEP	I	100	
US	NPCC	New England	AC	300-399	345	1545	7	2012	Berry St. S/S	303 Taps	21.4 OH	P	S	2-954	ACSR	2	1	1	13433	NEP	I	100	
US	NPCC	New England	AC	300-399	345	2420	1	2014	Card S/S	Lake Road S/S	29.3 OH	H	S	2-1590	ACSS	2	N/A	1	4176	CL&P	I	100	
US	NPCC	New England	AC	300-399	345	2420	1	2014	Lake Road S/S	CT/RI Border	7.6 OH	H	S	2-1590	ACSS	2	N/A	1	4176	CL&P	I	100	
US	NPCC	New England	AC	300-399	345	2420	1	2014	Frost Bridge S/S	North Bloomfield S/S	35.4 OH	Pole	S	2-1590	ACSS	2	N/A	2	4176	CL&P	I	100	
US	NPCC	New England	AC	300-399	345	2420	1	2014	North Bloomfield S/S	CT/MA Border	11.9 OH	H	W	2-1590	ACSS	2	N/A	2	4176	CL&P	I	100	
US	NPCC	New England	AC	300-399	345	2420	1	2014	Agawam S/S	CT/MA Border	6.0 OH	Pole	S	2-1590	ACSS	2	N/A	2	20455	WMECO	I	100	
US	NPCC	New England	AC	300-399	345	2420	1	2014	Agawam S/S	Ludlow S/S	16.8 OH	Pole	S	2-1590	ACSS	2	N/A	2	20455	WMECO	I	100	
US	NPCC	New England	AC	300-399	345	2151	1	2013	Orrington S/S	Albion Road S/S	59.0 OH	H	S	2-1590	ACSR	2	N/A	1	3266	CMP	I	100	
US	NPCC	New England	AC	300-399	345	2151	1	2013	Albion Road S/S	Coopers Mills S/S	21.0 OH	H	S	2-1590	ACSR	2	N/A	1	3266	CMP	I	100	
US	NPCC	New England	AC	300-399	345	2151	1	2013	Larrabee Road S/S	Coopers Mills S/S	34.3 OH	H	S	2-1590	ACSR	2	N/A	1	3266	CMP	I	100	
US	NPCC	New England	AC	300-399	345	2151	1	2013	Larrabee Road S/S	Suwowiec S/S	17.0 OH	H	S	2-1590	ACSR	2	N/A	1	3266	CMP	I	100	
US	NPCC	New England	AC	300-399	345	2151	1	2013	Suwowiec S/S	Raven Farm S/S	12.4 OH	H	S	2-1590	ACSR	2	N/A	1	3266	CMP	I	100	
US	NPCC	New England	AC	300-399	345	2151	1	2013	Maguire Road S/S	South Gorham S/S	21.0 OH	H	S	2-1590	ACSR	2	N/A	1	3266	CMP	I	100	
US	NPCC	New England	AC	300-399	345	2151	1	2013	Maguire Road S/S	Three Rivers Switchyard	19.2 OH	H	S	2-1590	ACSR	2	N/A	1	3266	CMP	I	100	
US	NPCC	New England	AC	200-299	230	496	12	2015	Granite S/S	Middlesex S/S	16.0 OH	Pole	TBD	954	ACSR	1	1	1	19899	VELCO	I	100	
US	NPCC	New England	AC	100-120	115	238	6	2015	Rochester Substation	North Rochester Substat	6.9 OH	TBD	W	795	ACSR	1	1	1	15472	PSNH	I	100	
US	NPCC	New England	AC	100-120	115	232	7	2011	Rumford Industrial Park	Rumford	1.3 OH	H	W	1113	KCM ACSR	1	1	1	3266	CMP	I	100	
US	NPCC	New England	AC	100-120	115	380	12	2012	Orrington	Coopers Mills	54.0 OH	H	W	795	ACSR	2	1	1	3266	CMP	I	100	
US	NPCC	New England	AC	100-120	115	282	12	2012	Coopers Mills	Highland	22.7 OH	P	W	1113	ACSR	1	1	1	3266	CMP	I	100	
US	NPCC	New England	AC	100-120	115	282	12	2012	Larrabee Road	Lewiston Lower	8.3 OH, UG	P, U	W	1113, 150C	ACSR, CL	1	1	1	3266	CMP	I	100	
US	NPCC	New England	AC	100-120	115	282	12	2012	Larrabee Road	Livermore Falls	24.1 OH	P	W	1113	ACSR	1	1	1	3266	CMP	I	100	
US	NPCC	New England	AC	100-120	115	282	12	2012	Livermore Falls	Rumford IP	20.4 OH	P	W	1113	ACSR	1	1	1	3266	CMP	I	100	
US	NPCC	New England	AC	100-120	115	232	6	2012	Wyman Hydro	Rice Rips Tap	39.0 OH	Davit Arm	Primarily 1	1113	kcm ACSR	TBD	TBD	TBD	13433	NGRID	I	100	
US	NPCC	New England	AC	100-120	115	TBD	12	2014	Brayton Point Station	Somerset	0.0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	13433	NGRID	I	100	
US	NPCC	New England	AC	100-120	115	259	12	2011	Millbury	Tower	6.9 OH	Delta	S	954	ACSR	No	0	1	13433	NGRID	I	100	
US	NPCC	New England	AC	100-120	115	232	3	2011	King St	West Amesbury	7.2 OH	Davit Arm	S	795	ACSR	No	0	1	13433	NGRID	I	100	
US	NPCC	New England	AC	100-120	115	262	2	2011	Otter River	East Winchendon	5.7 OH	H	W&S	954	ACSR	No	0	1	13433	NGRID	I	100	
US	NPCC	New England	AC	100-120	115	179	12	2012	North Bloomingdale	Vernon	3.6 UG	PVC Duct	PVC Duct 2000	kcm	CU	No	N/A	N/A	13433	NGRID	I	100	
US	NPCC	New England	AC	100-120	115	TBD	12	2014	Somerset	Bell Rock	0.0	TBD	TBD	TBD	TBD	TBD	TBD	TBD	13433	NGRID	I	100	
US	NPCC	New England	AC	100-120	115	TBD	12	2012	West Walpole	Holbrook	0.0	TBD	TBD	1	TBD	TBD	TBD	TBD	1	1998	Nstar	I	100
US	NPCC	New York	AC	100-120	100-120		11	2010	Station 13A	Station 13S	3.2 OH			1-1033.5	ACSR			1		RG&E			
US	NPCC	New York	AC	300-399	300-399		5	2010	Farragut	East 13th Street	2.0 UG							1		ConEd			
US	NPCC	New York	AC	300-399	300-399		5	2010	Farragut	East 13th Street	2.0 UG							1		ConEd			
US	NPCC	New York	AC	100-120	100-120		11	2010	Spier	Luther Forest (New Stati	33.5 OH+UG							1		NGRID			
US	NPCC	New York	AC	100-120	100-120		11	2010	Luther Forest (New Stat	Rotterdam	19.9 OH+UG							1		NGRID			
US	NPCC	New York	AC	100-120	100-120		8	2010	Mohican	Luther Forest (New Stati	39.0 OH							1		NGRID			
US	NPCC	New York	AC	100-120	100-120		8	2010	Luther Forest (New Stat	North Troy	17.9 OH							1		NGRID			
US	RFC	-	AC	300-399	345kV	1244/1411	02	2010	Crescent	Brunot Island	17.10	OH		Tower	1024	ACAR	2	2	2	5487	DLCO	I	100.0
US	RFC	-	AC	300-399	345kV		03	2010	Brunot Island	Arsenal	6.40	UG								5487	DLCO	I	100.0
US	RFC	-	AC	300-399	345kV	1244/1411	03	2010	Collier	Brunot Island	7.33	OH		Tower	795/853	ICSR/ACA	2	2	2	5487	DLCO	I	100.0
US	RFC	-	AC	200-299	230kV		06	2010	Burtonsville	Sandy Spring	12.00	OH									PEPCO		
US	RFC	-	AC	400-599	500kV	2338	10	2010	Dellia (IPP P04)	Peach Bottom	4.00	OH		Steel Pole	1590	ACSR	2	1	1	4188	onectiv Mid-Merit, LLC - PEC	I	100.0
US	RFC	-	AC	400-599	500kV		11	2010	Prexy	502 Junction	20.00	OH			1113	ACSS	3						
US	RFC	-	AC	200-299	230kV	528	12	2010	Nottingham/PB	Cooper	-0.05	OH		Steel Towe	795	ACSR	1	1	1	14940	PECO	I	100.0
US	RFC	-	AC	200-299	230kV	379	12	2010	Cooper	Graceton	-0.05	OH		Steel Towe	795	ACSR	1	1	1	14940	PECO - BGE	I	
US	RFC	-	AC	300-399	345kV	1400	12	2010	Gibson	Brown	37.00	OH		Steel Pole	1590	ACSR	2	1	1	17633	SIGE	I	100.0
US	RFC	-	AC	300-399	345kV		06	2011	Arsenal	Logans Ferry	12.00	UG/OH							5487	DLCO	I	100.0	
US	RFC	-	AC	200-299	230kV	1207	06	2011	Island Road	Penrose	0.1	OH		Steel Pole	1590	ACSR	2	1	1	14940	PECO	I	100.0
US	RFC	-	AC	200-299	230kV	1207	06	2011	Penrose	Grays Ferry	0.1	OH		Steel Pole	1590	ACSR	2	1	1	14940	PECO	I	100.0
US	RFC	-	AC	200-299	230kV	1088	06	2011	Grays Ferry	Peltz	0.06	OH		Steel Pole	1590	ACSR	2	1	1	14940	PECO	I	100.0
US	RFC	-	AC	200-299	230kV	1207	06	2011	Grays Ferry/Penrose	Peltz	0.1	OH		Steel Pole	1590	ACSR	2	1	1	14940	PECO	I	100.0
US	RFC	-	AC	400-599	500kV	2338	06	2011	Whitpain	Center Point	0.000	OH		Steel Towe	2493	ACAR	2	1	1	14940	PECO	I	100.0
US	RFC	-	AC	400-599	500kV	2338	06	2011	Center Point	Elroy	0.000	OH		Steel Towe	2493	ACAR	2	1	1	14940	PECO	I	100.0
US	RFC	-	AC	200-299	230kV	1245	06	2011	Upper Providence/Perki	Center Point	-0.050	OH		Steel Pole	1590	ACSR	2	1	1	14940	PECO	I	100.0
US	RFC	-	AC	200-299	230kV	1245	06	2011	Center Point	North Wales	-0.050	OH		Steel Pole	1590	ACSR	2	1	1	14940	PECO	I	100.0
US	RFC	-	AC	200-299	230kV		06	2011	Glade	Forest	1.72	OH									PENELEC		
US	RFC	-	AC	200-299	230kV		06	2011	Athenia	Bergen	9.70	UG									PSEG		100
US	RFC	-	AC	200-299	230kV		06	2011	Roseland	Kearny	22.00	OH									PSEG		
US	RFC	-	AC	400-599	500kV		06	2011	Meadowbrook	Loudoun	26.00	OH			1113	ACSS	3				TrAILCo		
US	RFC	-	AC	400-599	500kV		06	2011	Mt. Storm	502 Junction	60.00	OH			1113	ACSS	3				TrAILCo		
US	RFC	-	AC	400-599	500kV		06	2011	Mt. Storm	Meadowbrook	59.28	OH			1113	ACSS	3				TrAILCo		
US	RFC	-	AC	200-299	230kV		12	2011	Orchard	Cumberland	2.00	OH									AE		100
US	RFC	-	AC	200-299	230kV		03	2012	Piney Grove	Mt. Olive	6.00	OH									DPL		
US	RFC	-	AC	200-299	230kV		04	2012	Monocacy	Catcton	20.60	OH			1272	ACSR					AP		
US	RFC	-	AC	200-299	500kV		04	2012	Ringgold	Catcton	9.80	OH			1272	ACSR					AP		
US	RFC	-	AC	400-599	500kV	2800/360C	06	2012	Cranberry	Cabot	0.10	OH		Steel Towe	954	ACSR	4 per phase	0	1		FE	I	100.0
US	RFC	-	AC	400-599	500kV	2800/360C	06	2012	Cranberry	Wylie Ridge	0.10	OH		Steel Towe	954	ACSR	4 per phase	0	1		FE	I	100.0
US	RFC	-	AC	300-399	345kV	1559/1895	06	2012	G689	Sammis	7.25	OH		Steel Towe	954	ACSR	2 per phase	1	1		FE	I	100
US	RFC	-	AC	300-																			

[illegible]

US	SERC	Southeaster AC	200-299	230	602	6	2014	Bethabara	East Walton	8.0 OH	single pole combinati	1351 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	138	5	2016	Bid Sandy Tap	Englewood Tap	0.0 OH	single pole steel	397.5 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	290	5	2014	Big Creek T.S.	Lyndell D.S.	8.0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	122	5	2021	Big Creek T.S.	Tanner Williams	0.0 OH	Unknown combinati	266 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2014	Bostwick	East Walton	4.0 OH	single pole combinati	1351 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	213	5	2014	Boulding Dam	Elmore DS	0.0 OH	H-frame wood	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	243	6	2015	Brewton Tap	Flomston	0.0 OH	H-frame wood	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	11	2011	Burnt Church	Tradeport Industrial	12.0 OH	Unknown Unknown	795 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	454	5	2013	Bynum	Anniston	0.0 OH	Unknown combinati	1351 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2020	Cedar Cove	Mercedes	0.0 OH	single pole steel	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	11	2011	Chelsea Tap	Double Oak Mountain Ta	0.0 OH	single pole combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	341	5	2021	Chickasaw	Kimberly Clark	0.0 OH	Unknown Unknown	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	138	5	2020	Colonial Pipeline (Moun	Colonial Pipeline (Mound	0.0 OH	single pole steel	397.5 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2020	Colonial Pipeline (Moun	Eutaw	12.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2020	Colonial Pipeline (Moun	Plantation Pipeline (Akro	8.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2020	Colonial Pipeline(Moun	Colonial Pipeline (Mound	3.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2014	Cornish Moutain	East Social Circle	20.0 OH	Unknown Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	200-299	230	602	6	2013	Cumming	Sharon Springs	7.0 OH	Unknown Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	167	5	2011	Dale County	Bay Springs Jct.	0.0 OH	H-frame wood	557 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	216	6	2012	Daniel Sidling	Burnt Church	0.0 OH	Unknown Unknown	795 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	299	5	2011	Davis Street	Northwest	0.0 OH	single pole steel	795 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	290	6	2011	Davis Street	West End	0.0 OH	single pole steel	795 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2019	Demopolis TS	Cemex	0.0 OH	single pole steel	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2011	East Pelham	Alabaster SS	9.0 OH	single pole concrete	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2014	East Walton	Jack's Creek	9.0 OH	single pole combinati	1351 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	400-599	500	3464	6	2014	East Walton	Rockville	40.0 OH	tower steel	1113 ACSR	Triple	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	341	5	2013	Epes	Eutaw	23.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	502	10	2010	Gaston	Bessemer	1.0 OH	tower Unknown	1033 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	502	5	2015	Gaston	East Pelham	0.0 OH	tower combinati	1033 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	485	5	2014	Gaston	Stoney Point	0.0 OH	tower combinati	1351 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	138	300	6	2011	Glendale	Defuniak Springs	0.0 OH	Unknown Unknown	1033 Other	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	200-299	230	807	10	2009	Gorgas	Miller Scrubber	0.0 OH	tower combinati	1351 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	245	6	2014	Goshen	Waynesboro	0.0 OH	single pole steel	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	6	2014	Goshen	Waynesboro	0.0 OH	Unknown Unknown	1033 ACSR	Single	1	1	13100 Municipal Electric Authority c	100
US	SERC	Southeaster AC	100-120	115	293	5	2011	Grady	Moreland Avenue	0.0 OH	single pole steel	795 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	167	2	2011	Hammock Bay Jct	Hammock Bay	1.0 OH	single pole concrete	557 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	216	6	2013	Hattiesburg SW	Hwy 11	0.0 OH	single pole concrete	795 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	159	5	2014	Henry Dam	Cedar Bend	0.0 OH	H-frame combinati	397 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	301	5	2011	Holt	Tuscaloosa	10.0 OH	single pole steel	1351 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	807	5	2019	Holt	Tuscaloosa	0.0 OH	single pole steel	1351 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	188	6	2017	Ingram	Peeksville	7.0 OH	Unknown Unknown	636 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	216	5	2017	Inter Paper Tap	IP Load Tap	0.0 OH	H-frame wood	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2012	Jack McDonough	Northwest	0.0 OH	tower steel	1351 ACSR	Single	2	2	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2012	Jack McDonough	Northwest	0.0 OH	tower steel	1351 ACSR	Single	2	2	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2015	Jack's Creek	Cornish Mountain	15.0 OH	Unknown Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	290	5	2014	Jordan dam	Bouldin Dam	0.0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	290	5	2014	Jordan Dam	Bouldin Dam	0.0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	300	6	2012	Josephine TP	Florida Ave	1.1 UG	other other	4933 Copper	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	341	5	2021	Kimberly Clark	Blakeley Island	0.0 OH	Unknown Unknown	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2019	Kronspan	Honda	10.0 OH	Unknown Unknown	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	270	5	2021	Leeds	Westbury	0.0 OH	H-frame combinati	397 ACSR	Other	2	2	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	138	300	6	2011	Liberty	Glendale	0.0 OH	Unknown Unknown	1033 Other	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	216	5	2020	Livingston	Mannington Wood Tap	0.0 OH	single pole steel	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	251	5	2019	Madison Park	Aub Montg	0.0 OH	Unknown Unknown	1033 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2016	McIntosh	Jackson TS (New miles)	2.0 OH	tower steel	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	208	5	2014	McManus	Altamaha	0.0 OH	single pole steel	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	138	3	2015	Michael Blvd D.S.	Michael Blvd Tap	0.0 OH	single pole combinati	398 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2011	Miflin	Wolf Bay	0.0 OH	single pole concrete	795 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	161	300	6	2011	Miflin Switch	Josephine TP	5.0 OH	single pole concrete	1033 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	200-299	230	403	5	2013	Montg SS	South Montg	0.0 OH	tower steel	1351 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	151-199	161	296	6	2011	Moselle	South Hoy	23.0 OH	single pole concrete	795 ACSR	Single	1	1	17568 South Mississippi Electric Pc	100
US	SERC	Southeaster AC	100-120	115	383	5	2020	Moundville Tap	Moundville	2.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2020	Moundville Tap	Colonial Pipeline(Mound	4.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	251	5	2010	MS Chemical	Chevron Cogen	0.0 OH	single pole concrete	1033 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	138	5	2013	North Auburn	Lafayette City	0.0 OH	H-frame combinati	397 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	290	6	2014	North Brewton TS	North Brewton DS	6.0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	184	5	2014	North Crichton S.S.	South Mobile	0.0 OH	H-frame wood	397.5 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	184	5	2014	North Crichton S.S.	South Moile	0.0 OH	H-frame wood	397.5 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	301	5	2011	North Marietta	Roswell	0.0 OH	single pole steel	1351 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	341	5	2011	North Marietta	Smyrna	0.0 OH	single pole steel	1033 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	341	5	2011	North Marietta	Smyrna	0.0 OH	single pole steel	1033 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	290	2	2015	North Mobile	Crichton #1	0.0 OH	H-frame wood	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	290	4	2014	North Mobile	Racetrack D.S.	2.0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	251	5	2013	North Selma	Autaugaville	0.0 OH	tower steel	1033 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2014	North Selma	Inter Paper Tap	7.0 OH	Unknown Unknown	795 ACSR	Double	1	2	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	290	12	2010	North Theodore	Kroner (Davies Tap)	0.0 OH	H-frame wood	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	301	6	2011	Northside Drive	Northwest	0.0 OH	tower steel	1351 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	269	5	2012	Northside Drive	Spring Street	0.0 OH	single pole steel	1033 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2011	Old Montgomery Jct	Old Montgomery	1.0 OH	H-frame concrete	267 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	138	3	2012	Old Pascagoula Tap	Old Pascagoula Rd	2.0 OH	Unknown Unknown	397.5 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	866	6	2010	Pegamore	Huntsville	2.0 OH	tower steel	795 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	230	336	5	2013	Pinckard TS	Slocumb TS	0.0 OH	Unknown Unknown	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2011	Pinedale	ECH Halstead	0.0 OH	H-frame combinati						

US	SERC	Southeaster AC	200-299	230	1205	6	2011	Plant McDonough CC	Plant McDonough (white	1.0 OH	single pole steel	1351 ACSR	Double	2	2	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2020	Plantation Pipeline (Akr	Eutaw	12.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2016	Point	Englewood	2.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	151-199	161	296	6	2012	Prentiss	Jeff Davis SS	7.0 OH	single pole concrete	795 ACSR	Single	1	1	17568 South Mississippi Electric Pc	100
US	SERC	Southeaster AC	100-120	115	138	6	2010	Providence	West Grelot	3.0 OH	Unknown Unknown	397 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	151	6	2011	Pt Washington Jct	Pt Washington	1.0 OH	single pole concrete	477 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	290	12	2014	Racetrack D.S.	Lott Road	4.0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	290	12	2014	Schillinger Road	Lott Road Tap	2.0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	151-199	161	296	6	2011	Silver Creek	Prentiss	8.0 OH	single pole concrete	795 ACSR	Single	1	1	17568 South Mississippi Electric Pc	100
US	SERC	Southeaster AC	100-120	115	216	6	2020	Silverhill	Fish River Tap	0.0 OH	single pole combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	251	6	2014	Singing River Mail	Ingalls	0.0 OH	H-frame concrete	1033 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	230	336	5	2014	Slocomb TS	AL/FL State Line	0.0 OH	Unknown Unknown	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	251	5	2014	Snowdown TS	Pike Co	0.0 OH	Unknown Unknown	1033 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	138	6	2010	Sokol Park DS	Carrolls Creek Tp	1.0 OH	single pole steel	398 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2016	South Duncanville	Englewood Tap Point	4.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2020	South Duncanville	Moundville Tap	4.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2013	South Montg	Pinedale	0.0 OH	H-frame combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	135	5	2014	South Selma	Alamet Jct	0.0 OH	single pole combinati	397 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2016	South Tuscaloosa	Englewood Tap Point	10.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	341	6	2014	Spanish Fort	Belforest	0.0 OH	H-frame wood	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	4	2016	Springdale D.S.	Springhill D.S.	0.0 OH	single pole combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	155	5	2010	Swainsboro	Altma Jct	0.0 OH	single pole steel	477 ACSR	Single	2	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2017	Tap 115KV TL from Fay	Airport DS	2.0 OH	single pole steel	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	400-599	500	3429	6	2016	Thomson	Middlefork	100.0 OH	Unknown Unknown	1113 ACSR	Triple	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	299	5	2018	Tuscaloosa TS	Fayette highway	0.0 OH	single pole steel	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	290	5	2016	West Montg	Well Road Tap	0.0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2016	West Selma	South Selma	0.0 OH	single pole combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2013	Wiggins SS	Wiggins 5th Ave	0.0 OH	single pole concrete	795 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2015	Wolf Ridge D.S. Tap	Springhill D.S.	0.0 OH	Unknown combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	251	12	2010	Wright	Freedom Way	2.0 OH	single pole concrete	1033 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	341	5	2013	31st Avenue	South Tuscaloosa	0.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	509	5	2019	Adamsville	Bakers Ferry	0.0 OH	tower steel	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	509	5	2019	Adamsville	Douglasville	0.0 OH	tower steel	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2016	Adel #1	S. Adel Jct.	0.0 OH	single pole steel	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	155	6	2013	Air Products	Avalon	2.0 OH	single pole concrete	477 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2011	Alford Jct	Alford	5.0 OH	Unknown Unknown	267 Unknown Unknown	Unknown	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	200-299	230	596	6	2014	Alpharetta	Kimble Bridge	0.0 OH	H-frame steel	1351 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	155	6	2019	Americus	North Americus	0.0 OH	H-frame wood	477 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2014	Annniston	Oxanna	0.0 OH	single pole combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2014	Annniston Tap	Cheaha Tap	0.0 OH	single pole combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2012	APAC Jct	APAC	1.0 OH	Unknown Unknown	267 Unknown Unknown	Unknown	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	216	6	2014	Arkwright	South Macon (black)	0.0 OH	H-frame wood	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2019	Arkwright	West Milledgeville	35.0 OH	Unknown Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corp	100
US	SERC	Southeaster AC	100-120	115	216	5	2014	Austin Drive	River Road	0.0 OH	single pole steel	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	693	6	2016	Barry	Crist	0.0 OH	tower other	1351.5 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	403	6	2019	Bay Creek	Lawrenceville #4 Tap	0.0 OH	single pole wood	1351 Aluminum	Single	1	1	13100 Municipal Electric Authority c	100
US	SERC	Southeaster AC	100-120	115	124	6	2018	Bayou Marcus	Beach Haven	0.0 OH	H-frame wood	336 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2020	Bellwood	Mount Meigs	5.0 OH	Unknown Unknown	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	181	5	2019	Bemiss	Pine Grove Primary	0.0 OH	H-frame wood	636 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	682	5	2018	Berkeley Lake	Spruill Road	0.0 OH	single pole steel	1033 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	5	2020	Bessemer	Magella	7.0 OH	tower combinati	1351 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	807	5	2021	Bessemer	South Bessemer	0.0 OH	tower combinati	1351 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	820	6	2015	Bethbara	East Walton (black)	13.0 OH	single pole steel	1351 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2017	Blackshear Jct.	Offerman	0.0 OH	H-frame wood	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	1018	6	2017	Blanford/Meldrim	McIntosh (black)	0.0 OH	single pole steel	1033 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	1018	6	2017	Blanford/Meldrim	McIntosh (white)	0.0 OH	single pole steel	1033 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	301	5	2019	Blankets Creek	Holly Springs	1.0 OH	single pole steel	1351 ACSR	Double	2	2	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2018	Bonaire	Peach Blossom	0.0 OH	H-frame concrete	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2018	Bonaire	Peach Blossom	0.0 OH	H-frame wood	795 ACSR	Single	1	1	13100 Municipal Electric Authority c	100
US	SERC	Southeaster AC	100-120	230	433	6	2015	Boulevard	Dean Forest	0.0 OH	single pole steel	795 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	866	6	2015	Boulevard	Dean Forest	0.0 OH	single pole steel	795 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	807	5	2019	Boulevard	Lindberg	0.0 OH	single pole steel	1351 Other	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	580	6	2014	Branch	West Milledgeville	0.0 OH	H-frame steel	1351 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	5	2019	Bremen	Possum Branch	0.0 OH	H-frame wood	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2014	Brunswick	Stonewall Junct.	0.0 OH	single pole steel	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2018	Bull Creek	Victory Drive	0.0 OH	single pole concrete	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2019	Callaway	Gaskin	0.0 OH	single pole concrete	795 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	138	5	2014	Cedar Bend	North Cedar Bend	0.0 OH	H-frame combinati	397 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2015	Center	Nicholson Jct.	0.0 OH	single pole steel	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	251	6	2013	Champion	Melino	0.0 OH	single pole concrete	1033 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	245	6	2017	Clermont Junction	Gainesville #1	0.0 OH	single pole steel	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	403	5	2019	Co Line Rd	Elmore Co	0.0 OH	Unknown Unknown	1351 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2020	Columbus 1st Ave	Phenix City DS	0.0 OH	single pole combinati	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2017	Cornelia	Leaf	0.0 OH	single pole steel	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	490	6	2017	Cornelia	Middle Fork	10.0 OH	single pole steel	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	245	6	2017	Cornelia	Tallulah Lodge	0.0 OH	single pole steel	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	230	301	5	2015	Cornish Mountain	Sigman Road	0.0 OH	single pole steel	1351 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2015	Crisp #2	Crisp #8	12.0 OH	single pole wood	795 ACSR	Single	0	1	13100 Municipal Electric Authority c	100
US	SERC	Southeaster AC	100-120	115	376	6	2013	Daniel Siding	Little Ogeechee	0.0 OH	single pole steel	636 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	1018	6	2015	Dean Forest	GSW	5.0 OH	single pole steel	1033 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	866	6	2015	Dean Forest	Kraft	0.0 OH	single pole steel	795 ACSR	Double	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	188	5	2012	Decatur	Kirkland	0.0 OH	single pole steel	636 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	119												

US	SERC	Southeaster AC	100-120	115	216	6	2011	Deptford	Whitemarsh	0.0	OH	single pole combinati	735	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	596	6	2018	Dering Circle	Norcross	0.0	OH	single pole steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	1205	6	2017	Dorchester	Little Ogeechee	0.0	OH	single pole steel	1351	ACSR	Double	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2017	Dorchester	Walhoursville	8.0	OH	single pole steel	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	1018	6	2017	Dorchester	West Brunswick	45.0	OH	single pole steel	1033	ACSR	Double	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	5	2014	Douglasville	Post Road	0.0	OH	H-frame wood	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	5	2016	Douglasville	West Marietta	0.0	OH	tower steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	269	12	2010	Duluth	Sugarloaf Tap	0.0	OH	tower steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	245	6	2016	East Athens	East Watkinsville	0.0	OH	single pole steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	301	5	2013	East Point	Camp Creek	0.0	OH	single pole steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	6	2018	East Point	College Park #3	0.0	OH	tower steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	245	6	2016	East Social Circle	Social Circle	0.0	OH	single pole steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	400-599	500	3429	6	2018	East Walton	South Hall	35.0	OH	tower steel	1113	ACSR	Triple	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2018	Eatonton	Harmony Jct.	0.0	OH	single pole concrete	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2014	Evans Primary	Furys Ferrt Tap	0.0	OH	single pole steel	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2013	First Avenue	North Columbs	0.0	OH	single pole steel	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	586	6	2013	Freeport 230	Freeport 115	1.0	OH	Unknown Unknown	1351	Unknown Unknown	Unknown	1	1	189	PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	216	3	2009	Ga/Ala.State Lane	Wansley Jct	0.0	OH	H-frame steel	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	245	6	2017	Gainesville #2	McEver Rd	0.0	OH	single pole steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	218	6	2013	Gantt 230	Dublin	36.7	OH	H-frame concrete	795	ACSR	Single	1	1	189	PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	200-299	230	502	5	2021	Gaston	Boyles	1.0	OH	tower combinati	1033	ACSR	Single	1	1	195	Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	502	5	2021	Gaston	Turf Club	0.0	OH	tower combinati	1033	ACSR	Single	1	1	195	Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	181	6	2013	Georgia Square Jct	Mars Hill	0.0	OH	single pole steel	636	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	88	5	2019	Gilman	Patterson	0.0	OH	H-frame wood	477	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	290	6	2016	Gordon	North Dublin	32.0	OH	H-frame steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	124	6	2016	Gordon	Sandersville	0.0	OH	H-frame wood	336	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	251	6	2016	Goulding	Oakfield	0.0	OH	single pole concrete	1033	ACSR	Single	1	1	7801	Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2011	Grand Ridge Jct	Grand Ridge	2.0	OH	Unknown Unknown	267	Unknown Unknown	Unknown	1	1	189	PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	86	6	2013	Gulf Coast Airport Jct	Gulf Coast Airport	1.0	OH	Unknown Unknown	267	Unknown Unknown	Unknown	1	1	189	PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	230	301	6	2013	Hampton	McDonough Pri	0.0	OH	single pole steel	1351	ACSR	Single	1	2	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2018	Harmony Jct.	Lick Creek	0.0	OH	single pole concrete	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	290	6	2014	Hatch	Offerman	0.0	OH	H-frame steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	155	6	2017	Hattiesburg North	Petal George St.	0.0	OH	single pole concrete	477	ACSR	Single	1	1	12686	Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2012	Hattiesburg SW	West Hattiesburg	0.0	OH	single pole concrete	795	ACSR	Single	1	1	12686	Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	301	6	2013	Holiday	Hathaway Tap	1.3	OH	single pole concrete	1351	ACSR	Single	2	2	7801	Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	255	5	2018	Holly Springs	Hopewell	0.0	OH	single pole steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2017	Hopewell	McGrauFord (black)	11	OH	H-frame steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2015	Horse Creek	Ludowici	0.0	OH	single pole steel	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2012	Hurricane Creek	Wiggins SS	0.0	OH	single pole concrete	795	ACSR	Single	1	1	12686	Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	255	6	2012	Jack McDonough	West Marietta	4	OH	tower steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2015	Jacks Creek (Monroe)	Str. 31 (Cornish Mountai	4	OH	single pole steel	1351	ACSR	Single	1	1	13100	Municipal Electric Authority c	100
US	SERC	Southeaster AC	100-120	115	138	6	2018	Jackson Lake	S. Covington Tap	0.0	OH	H-frame wood	397	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	119	6	2018	Jamestown	Northeast Waycross	0.0	OH	single pole concrete	336	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2015	Jesup	Rayonier	0.0	OH	single pole steel	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	807	6	2019	Jonesboro	O'Hara	0.0	OH	single pole steel	1351	Other	Single	2	2	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2018	Kathleen	Cagles	0.0	OH	H-frame concrete	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2018	Kathleen	Perry	0.0	OH	H-frame wood	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	752	6	2013	Kemper IGCC	Lauderdale East	18	OH	H-frame steel	1033	Other	Single	1	1	12686	Mississippi Power Company	100
US	SERC	Southeaster AC	200-299	230	752	6	2014	Kemper IGCC	Lauderdale West	20	OH	H-frame steel	1033	Other	Single	1	1	12686	Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2012	Kingston Jct	Kingston	1	OH	Unknown Unknown	267	Unknown Unknown	Unknown	1	1	189	PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	200-299	230	596	5	2019	Klondike	Smyrna Church	0.0	OH	H-frame steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	1018	6	2013	Kraft	McIntosh (black)	0.0	OH	single pole steel	1033	ACSR	Double	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	1018	6	2013	Kraft	McIntosh (white)	0.0	OH	single pole steel	1033	ACSR	Double	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	230	301	6	2013	Laguna Beach	Holiday	8.6	OH	single pole concrete	1351	ACSR	Single	1	1	7801	Gulf Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2015	Laguna Beach	Santa Rosa	0.0	OH	single pole concrete	1351	ACSR	Single	2	2	7801	Gulf Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2015	Laguna Beach	Santa Rosa	21.4	OH	single pole concrete	1351	ACSR	Single	2	2	7801	Gulf Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2013	Lansing Smith	Laguna Beach	0.0	OH	H-frame concrete	1351	ACSR	Single	1	2	7801	Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	341	5	2013	Lassiter Road	North Marietta	0.0	OH	single pole steel	1033	Other	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2014	Lauderdale East	Vinville	6	OH	H-frame steel	1351	ACSR	Single	1	1	12686	Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2013	Laurel North Amaranth	Heidelberg	0.0	OH	single pole concrete	795	ACSR	Single	1	1	12686	Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	301	6	2017	Lawrenceville	Lawrenceville #2	0.0	OH	single pole steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2014	Lawrenceville	N. Lawrenceville	0.0	OH	single pole wood	795	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	833	5	2015	Lawrenceville	Winder	0.0	OH	H-frame steel	1351	Other	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	251	6	2013	Long Beach	Holiday	0.0	OH	single pole concrete	1033	ACSR	Single	2	2	7801	Gulf Power Company	100
US	SERC	Southeaster AC	200-299	230	403	5	2019	Madison Park	Elmore Co	29	OH	Unknown Unknown	1351	Other	Single	1	1	195	Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	255	6	2014	McConnell Road	South Acworth	0.0	OH	H-frame wood	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	5	2018	McConnell Road	West Marietta	0.0	OH	H-frame wood	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2020	McDonough	Ola	10	OH	Unknown Unknown	1351	ACSR	Single	1	1	7197	Georgia Transmission Corpc	100
US	SERC	Southeaster AC	100-120	115	245	6	2013	McEver	Shoal Creek	0.0	OH	single pole steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	400-599	500	2350	6	2020	McGraw Ford	Milledgefork	0.0	OH	tower steel	1113	ACSR	Single	1	1	7197	Georgia Transmission Corpc	100
US	SERC	Southeaster AC	100-120	115	255	6	2014	Meldrim	Ga. Pacific Tap	0.0	OH	single pole steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2014	Meridian NE	Vinville	9	OH	single pole concrete	795	ACSR	Single	1	1	12686	Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	245	6	2019	Middle Fork	N. Commerce Jct	0.0	OH	single pole steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	245	6	2020	Middle Fork	Toccoa	0.0	OH	single pole steel	1033	ACSR	Single	1	1	7140	Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2014	Milledgeville	West Milledgeville	8	OH	single pole concrete	795	ACSR	Single	1	1	71		

US	SERC	Southeaster AC	100-120	115	216	6	2015	North Americus	Perry	0 OH	H-frame concrete	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	301	6	2013	North Marietta	Marietta #5	0 OH	single pole wood	1351 ACSR	Single	1	1	13100 Municipal Electric Authority c	100
US	SERC	Southeaster AC	100-120	115	255	6	2018	O'Hara	Corinth Road	0 OH	single pole steel	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2017	O'Hara	McDonough Primary	20 OH	single pole steel	1351 ACSR	Single	2	2	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	218	6	2013	Oak Grove	Jay	23.7 OH	single pole concrete	795 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	251	6	2017	Orange Grove	Bayou Casotte	0 OH	single pole concrete	1033 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	251	6	2017	Orange Grove	Chevron PRCPT	5 OH	single pole concrete	1033 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	200-299	230	752	6	2017	Orange Grove	Moss Point East	0 OH	tower steel	1033 Other	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2012	Owls Head Jct	Owls Head	2 OH	Unknown Unknown	267 Unknown Unknown	Unknown	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	216	5	2014	Oxanna	Crooked Creek	1 OH	single pole combinati	795 ACSR	Single	2	2	195 Alabama Power Company	100
US	SERC	Southeaster AC	200-299	230	602	5	2015	Parkaire	Roswell	5 OH	single pole steel	1351 ACSR	Double	1	2	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	230	301	5	2015	Parkaire	Roswell	5 OH	single pole steel	1351 ACSR	Double	1	2	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	230	336	6	2013	Pinckard	Holmes Creek	0 OH	Unknown Unknown	1033 Other	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	172	5	2020	Pinckard 3	Fort Rucker 2	0 OH	single pole wood	556 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	251	6	2013	Pine Forest	Champion	0 OH	single pole concrete	1033 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	255	6	2017	Pittman Road	West Point	0 OH	single pole concrete	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	6	2014	Pittman Road	West Point	0 OH	single pole concrete	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	865	6	2015	Plant Daniel	Moss Point East	0 OH	single pole steel	795 ACSR	Double	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	138	6	2013	Plant Eaton	Hattiesburg Co. Drive	0 OH	single pole concrete	397 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	200-299	230	596	5	2019	Porterdale	Kirkland	0 OH	H-frame steel	1351 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2017	Porterdale	North Monticello	0 OH	H-frame steel	1351 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	138	6	2013	Porterdale	S. Covington Tap	0 OH	H-frame wood	397 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2011	Selma Jct	Selma	1 OH	H-frame concrete	267 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	200-299	230	602	5	2018	Sharon Springs	Suwanee	15 OH	single pole steel	1351 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2015	Shoal River	Laguna Beach	73.3 OH	single pole concrete	1351 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	216	12	2011	Shoal River	South Crestview	0 OH	H-frame wood	795 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	341	5	2020	So. Tuscaloosa	Cottdale	0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	255	6	2018	South Coweta	Yates	0 OH	H-frame wood	1033 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2016	South Griffin	Jackson	0 OH	H-frame wood	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	664	6	2017	South Hall	Suwanee	19 OH	H-frame steel	1622 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2011	South Macon	Bloomfield	0 OH	single pole concrete	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	208	6	2014	South Macon	Ocmulgee Jct.	0 OH	single pole concrete	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	88	5	2019	Sillmore	Metter City	0 OH	H-frame wood	477 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2014	Sweatt	Lost Gap	0 OH	single pole concrete	795 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	216	6	2014	Sweatt	Stonewall	0 OH	single pole concrete	795 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	77	6	2019	Sylvania	Dover Tap	0 OH	single pole steel	336 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	210	6	2012	Texasville Jct	Judson	16 OH	H-frame wood	795 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	187	6	2015	Thomson Primary	Kiokee Road Tap	0 OH	single pole steel	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	217	6	2011	Turkey Hill	Gulf Shores Jct	0 OH	single pole concrete	795 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	217	6	2011	Turkey Hill	South Foley Jct	0 OH	single pole concrete	795 ACSR	Single	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	200-299	230	602	6	2014	Virville	Sweatt	14 OH	H-frame steel	1351 ACSR	Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	400-599	500	2701	6	2016	Vogtle	Thomson	60 OH	tower steel	1113 ACSR	Triple	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2014	W. Brunswick	Altamaha	8 OH	H-frame steel	795 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2012	Wayne Farms Jct	Wayne Farms	4 OH	Unknown Unknown	267 Unknown Unknown	Unknown	1	1	189 PowerSouth Energy Cooper	100
US	SERC	Southeaster AC	100-120	115	107	5	2020	Westgate	Rucker Blvd	0 OH	Unknown Unknown	266 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	301	6	2017	Winder	Dacula	0 OH	single pole steel	1351 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	290	5	2019	Woodcrest Tap	Well Road Tap	0 OH	Unknown Unknown	795 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	251	6	2019	Wright	Fort Walton	0 OH	single pole concrete	1033 ACSR	Single	1	1	7801 Gulf Power Company	100
US	SERC	Southeaster AC	100-120	115	251	6	2019	Wright	Sullivan	0 OH	single pole concrete	1033 ACSR	Single	1	1	7801 Gulf Power Company	100
US	TRE	- AC	121-150			3	2010	Sandow Switch	Sandow	1.0 OH						44372 ONCOR	100
US	TRE	- AC	300-399			3	2010	Killeen Switch	Salado	15.7 OH						44372 ONCOR	100
US	TRE	- AC	300-399			3	2010	San Miguel	Lobo	41.8 OH						17583 STEC	100
US	TRE	- AC	121-150			3	2010	Exeter	New 138kV Substation	0.1 OH						16604 CPS	100
US	TRE	- AC	121-150			3	2010	Laredo Plant	Lobo	0.0 OH						3278 AEP/ETT	100
US	TRE	- AC	300-399			3	2010	Lobo	Lobo, build 345 kV for 67	0.0 OH						3278 AEP/ETT	100
US	TRE	- AC	300-399			3	2010	Lobo	San Miguel	72.0 OH						3278 AEP/ETT/TCC	100
US	TRE	- AC	300-399			4	2010	Henderson Ranch	Switching Station	0.0 OH						44372 ONCOR	100
US	TRE	- AC	121-150		150	4	2010	RD Wells	69kV Interchange	0.0 OH						5078 DENTON	100
US	TRE	- AC	121-150			5	2010	Dowling Rd Substation	Dowling Rd Substation A	0.0 OH						2442 CQCS/BTU	100
US	TRE	- AC	121-150			5	2010	Krum Tap 138 kV Switc	Krum Tap 138 kV Switch	0.0 OH						44372 ONCOR	100
US	TRE	- AC	121-150			5	2010	Alvin-Hastings	Centerpoint 345-138 kV i	0.0 OH						40051 TNMP	100
US	TRE	- AC	300-399			5	2010	Hutto Switch	Salado Switch	73.8 OH						44372 ONCOR	100
US	TRE	- AC	121-150			6	2010	Tombstone: Build new 1	Tombstone: Build new 1:	0.0 OH						3278 AEP/ETT	100
US	TRE	- AC	121-150			6	2010	Sioux	Gandy	4.5 OH						17583 STEC	100
US	TRE	- AC	121-150			6	2010	Sioux 138 kV substation	Sioux 138 kV substation	0.0 OH						17583 STEC	100
US	TRE	- AC	300-399			6	2010	W. Levee	Norwood	6.5 OH						44372 ONCOR	100
US	TRE	- AC	300-399		2988	6	2010	Twin Buttes	Coleman/Brown County I	88.0 OH						11269 LCRA TSC	100
US	TRE	- AC	121-150			6	2010	Hairpin SLU Taylor Sub	Frontera	0.0 OH						3278 AEP/TCC/SLU	100
US	TRE	- AC	121-150			6	2010	TECO Generation	TECO Generation	0.0 OH						8901 CNP	100
US	TRE	- AC	121-150			6	2010	Rim Rock	Jack Furman	7.5 OH						11269 LCRA TSC	100
US	TRE	- AC	300-399			6	2010	CenterPoint Energy/TN	CenterPoint Energy/TNM	0.1 OH						8901 CNP, TNMP	100
US	TRE	- AC	121-150			7	2010	Lakeway	LCRA tap	1.0 OH						1015 AUSTIN ENERGY	100
US	TRE	- AC	121-150			9	2010	La Quinta	Lobo	0.0 OH						3278 AEP/ETT	100
US	TRE	- AC	121-150			9	2010	Dilley, add 138 kV termi	Dilley, add 138 kV termir	0.0 OH						3278 AEP/TCC	100
US	TRE	- AC	121-150			9	2010	Pelican 138 kV: Add se	Pelican 138 kV: Add sec	0.0 OH						3278 AEP/ETT	100
US	TRE	- AC	121-150			10	2010	Whitesboro SE	Gordonville	0.9 OH						44372 ONCOR	100
US	TRE	- AC	121-150			11	2010	San Miguel	Pawnee	0.0 OH						17583 STEC	100
US	TRE	- AC	121-150		448	12	2010	Tippett	North McCamey	15.0 OH						11269 LCRA TSC	100
US	TRE	- AC	121-150			12	2010	Palo Duro Switching St	Palo Duro Switching Stat	0.0 OH						17583 STEC	100
US	TRE	- AC	121-150			12	2010	Palo Duro	Dilley	9.0 OH						17583 STEC	100
US	TRE	- AC	300-399			12	2010	Krum West Switch	NW Carrollton	37.1 OH						44372 ONCOR	100
US	TRE	- AC	300-399			12	2010	Roanoke Tap	West Denton	9.8 OH						18715 TMLPA	100
US	TRE	- AC	121-150			1	2011	Fairview	Aledo	32.0 OH						2172 BRAZOS	100
US	TRE	- AC	121-150			1	2011	Alberta Switch 138kV S	Alberta Switch 138kV Su	0.0 OH						17583 STEC	100

US	TRE	-	AC	121-150	1	2011	Doedyns-Sioux 138kV L	Doedyns-Sioux 138kV Li	5.5 OH		17583	STEC	100		
US	TRE	-	AC	121-150	1	2011	Kirby	Tuttle	6.5 OH		16604	CPS	100		
US	TRE	-	AC	121-150	2	2011	Thompson Creek	Dansby	10.2 OH		2442	BTU	100		
US	TRE	-	AC	121-150	4	2011	Gemini AE Solar Projec	Gemini AE Solar Project	1.5 OH		1015	AUSTIN ENERGY	100		
US	TRE	-	AC	121-150	5	2011	Dunlap 138kV substatio	Dunlap 138kV substation	0.1 OH		1015	AUSTIN ENERGY	100		
US	TRE	-	AC	121-150	5	2011	Gunsight 138 kV Switch	Gunsight 138 kV Switchi	0.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	5	2011	Bell County East	TNP One	82.6 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	5	2011	Tonkawa	Sweetwater East	64.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	5	2011	Sweetwater East Switch	Sweetwater East Switch	0.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	5	2011	Elm Mott Switch circuit	Elm Mott Switch circuit b	0.0 OH		44372	ONCOR	100		
US	TRE	-	AC	121-150	5	2011	La Quinta: Configure st	La Quinta: Configure sta	0.0 OH		3278	AEP/ETT	100		
US	TRE	-	AC	121-150	5	2011	Putnam, Recofigure Sta	Putnam, Recofigure Stat	0.0 OH	795	ACSS	3278	AEP/TNC	100	
US	TRE	-	AC	300-399	5	2011	Oklauion	Bowman	0.0 OH		3278	AEP/ETT	100		
US	TRE	-	AC	300-399	5	2011	Zenith 345kV Switching	Zenith 345kV Switching †	0.0 OH		8901	CNP	100		
US	TRE	-	AC	121-150	6	2011	Oleander, Construct 13	Oleander, Construct 138	0.0 OH		3278	AEP/TCC	100		
US	TRE	-	AC	121-150	6	2011	La Palma	San Benito	0.2 OH		3278	AEP/TCC	100		
US	TRE	-	AC	121-150	6	2011	Trumbo - New 138 kV S	Trumbo - New 138 kV St	0.1 OH		16604	CPS	100		
US	TRE	-	AC	121-150	6	2011	Talley Rd - New 138kV	Talley Rd - New 138kV S	0.1 OH		16604	CPS	100		
US	TRE	-	AC	121-150	6	2011	Putnam	Leon	0.0 OH	795	ACSS	3278	AEP/ONCOR		
US	TRE	-	AC	121-150	6	2011	Cisco, Convert station t	Cisco, Convert station to	0.0 OH	795	ACSS	3278	AEP/TNC	100	
US	TRE	-	AC	300-399	7	2011	Burwick Switching Stati	Burwick Switching Statio	0.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	9	2011	Dermott Switch (Central	Scurry County South Sw	56.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	9	2011	Scurry County South Sv	Tonkawa	30.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	9	2011	New Bowman	Riley	0.0 OH		3278	AEP/ETT	100		
US	TRE	-	AC	121-150	11	2011	Coahoma North 138 kV	Coahoma North 138 kV †	0.0 OH		44372	ONCOR	100		
US	TRE	-	AC	121-150	11	2011	Bruni 138kV Station: Ins	Bruni 138kV Station: Inst	0.0 OH		3278	AEP/TCC	100		
US	TRE	-	AC	121-150	12	2011	Mauermann Rd - New 1	Mauermann Rd - New 13	0.1 OH		16604	CPS	100		
US	TRE	-	AC	121-150	12	2011	Pockrus Substation Tra	Pockrus Substation Tran	0.0 OH		5078	DENTON	100		
US	TRE	-	AC	300-399	12	2011	Zorn/Clear Springs	Gilleland Creek-Hutto Sw	165.0 OH	959	ACSS	11269	LCRA TSC	100	
US	TRE	-	AC	300-399	12	2011	Zorn/Clear Springs	Gilleland Creek-Hutto Sw	7.5 OH	795	ACSR	11269	LCRA TSC	100	
US	TRE	-	AC	300-399	12	2011	Twin Buttes	Brown	0.2 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	12	2011	Bowman	Riley	98.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	12	2011	Sweetwater East	Central Bluff	68.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	12	2011	Central Bluff	Bluff Creek	8.5 OH		44372	ONCOR	100		
US	TRE	-	AC	121-150	12	2011	Parkway(7611)	Shertz(7610)	2.8 OH		7752	GVEC	100		
US	TRE	-	AC	121-150	12	2011	Glen Rose Hills Substat	Glen Rose Hills Substati	0.0 OH		40051	TNMP	100		
US	TRE	-	AC	121-150	12	2011	South League City Subs	South League City Subst	0.0 OH		40051	TNMP	100		
US	TRE	-	AC	121-150	5	2012	Uvalde	Castroville	77.5 OH	2x795	ACSR	3278	AEP/ETT	100	
US	TRE	-	AC	300-399	5	2012	Riley	Oklauion	3.6 OH		3278	AEP/ETT	100		
US	TRE	-	AC	121-150	6	2012	Hill Country	Stonegate	10.0 OH		16604	CPS	100		
US	TRE	-	AC	300-399	7	2012	Bluff Creek	Brown	81.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	7	2012	Central Bluff	Brown	89.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	8	2012	Silverton	Cottonwood	63.0 OH		17008	SU	100		
US	TRE	-	AC	300-399	9	2012	LS01 Silverton	Nazareth	48.0 OH		17008	SU	100		
US	TRE	-	AC	300-399	9	2012	LS02 Nazareth	Hereford	33.0 OH		17008	SU	100		
US	TRE	-	AC	300-399	9	2012	Kendall (7046)	Gillespie (7131)	29.0 OH	2x1590	ACSR	11269	LCRA TSC	100	
US	TRE	-	AC	121-150	10	2012	East Abilene	Putnam	0.0 OH	795	ACSS	3278	AEP/TNC	100	
US	TRE	-	AC	300-399	2988	11	2012	Twin Buttes	Big Hill	31.0 OH		11269	LCRA TSC	100	
US	TRE	-	AC	300-399	11	2012	Gretlon	Long Draw	31.3 OH			Wind Energy Transmission Texas (WETT)	100		
US	TRE	-	AC	300-399	11	2012	Gretlon	Odessa	46.2 OH			Wind Energy Transmission Texas (WETT)	100		
US	TRE	-	AC	300-399	11	2012	Long Draw	Scurry County	47.9 OH			Wind Energy Transmission Texas (WETT)	100		
US	TRE	-	AC	300-399	12	2012	Brown	Newton 3	92.0 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	12	2012	Newton	Killeen	30.9 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	12	2012	Brown	Killeen S	122.9 OH		44372	ONCOR	100		
US	TRE	-	AC	300-399	1678	12	2012	Gillespie	Newton	105.0 OH	2x1590	ACSR	11269	LCRA TSC	100
US	TRE	-	AC	300-399	12	2012	Cottonwood	Dermott	65.4 OH			Wind Energy Transmission Texas (WETT)	100		
US	TRE	-	AC	300-399	12	2012	West Krum	Riley	0.0 OH		3278	AEP/ETT	100		
US	TRE	-	AC	300-399	1	2013	Bakersfield	Big Hill	113.0 OH	1590	ACSR	17583	STEC	100	
US	TRE	-	AC	300-399	1	2013	Sand Bluff	Divide	30.2 OH			Wind Energy Transmission Texas (WETT)	100		
US	TRE	-	AC	300-399	1	2013	Bearkat	Sand Bluff	28.3 OH			Wind Energy Transmission Texas (WETT)	100		
US	TRE	-	AC	300-399	1	2013	Sand Bluff	Long Draw	53.9 OH			Wind Energy Transmission Texas (WETT)	100		
US	TRE	-	AC	300-399	2	2013	White Deer	Hereford	92.0 OH		17008	SU	100		
US	TRE	-	AC	300-399	3	2013	Scurry County	West Shackelford	181.0 OH	2x1590	ACSS		Lone Star Transmission, LLC	100	
US	TRE	-	AC	300-399	3	2013	West Shackelford	Sam Switch/Navarro	407.7 OH	2x1590	ACSS		Lone Star Transmission, LLC	100	
US	TRE	-	AC	300-399	3	2013	Gray	Tesla	220.0 OH			CTT	100		
US	TRE	-	AC	300-399	3	2013	Gray	White Deer	80.0 OH			CTT	100		
US	TRE	-	AC	300-399	4	2013	Silverton	White Deer	76.0 OH		17008	SU	100		
US	TRE	-	AC	121-150	4	2013	Barney Davis	Laguna	4.2 OH		3278	AEP/ETT	100		
US	TRE	-	AC	300-399	1678	4	2013	North McCarney	Bakersfield	12.0 OH	2x1590	ACSR	11269	LCRA TSC	100
US	TRE	-	AC	300-399	6	2013	Gilleland	Technridge	8.0 OH			1015	AUSTIN ENERGY	100	
US	TRE	-	AC	300-399	6	2013	Krum West Switch		0.0 OH		44372	ONCOR	100		
US	TRE	-	AC	121-150	9	2013	Koppe Bridge	Wellborn	5.8 OH		2442	BTU	100		
US	TRE	-	AC	300-399	9	2013	Silverton	Tesla	170.0 OH			CTT	100		
US	TRE	-	AC	300-399	9	2013	Silverton	Tesla	0.0 OH			CTT	100		
US	TRE	-	AC	300-399	1678	10	2013	North McCarney	Odessa EHV	50.0 OH	2x1590	ACSR	11269	LCRA TSC	100
US	TRE	-	AC	121-150	12	2013	Princeton, Climax	New Princeton Station	10.0 OH		40051	TNMP	100		
US	TRE	-	AC	300-399	2988	12	2013	Big Hill	Kendall	274.0 OH		11269	LCRA TSC	100	
US	TRE	-	AC	121-150	5	2014	Escondido	West Batesville	46.2 OH	2x795	ACSR	3278	AEP/ETT	100	
US	TRE	-	AC	121-150	5	2014	Roanoke Switch	Elizabeth Creek	3.8 OH		44372	ONCOR	100		
US	TRE	-	AC	121-150	220	6	2014	Cushman	Highway 123	6.2 OH	795	ACSR	11269	LCRA TSC	100
US	TRE	-	AC	121-150	220	6	2014	Highway 32	Wimberley	4.0 OH	795	ACSR	14626	PEC	100
US	TRE	-	AC	300-399		9	2014	Zenith □	Fayetteville□	120.0 OH		8901	CNP	100	
US	TRE	-	AC	300-399		4	2015	Lobo	Rio Bravo	30.0 OH		3278	AEP/ETT	100	
US	TRE	-	AC	121-150	11	2015	Rio Bravo	Wormser	0.0 OH		3278	AEP/TCC	100		

US	TRE	-	AC	121-150		12	2015	Bergstrom	Carson Creek	2.3	OH							1015	AUSTIN ENERGY	100		
US	TRE	-	AC	121-150		12	2015	Bergstrom	Sand Hill	4.0	OH			795	ACSR			1015	AUSTIN ENERGY	100		
US	TRE	-	AC	300-399		3	2016	Sol	Rio Bravo	122.4	OH							3278	AEP/ETT	100		
US	TRE	-	AC	300-399		3	2016	N. Edinburg	Sol	15.0	OH							3278	AEP/ETT	100		
US	TRE	-	AC	300-399		3	2016	Frontera	Sol	12.4	OH			1590	ACSR			3278	AEP/ETT	100		
US	TRE	-	AC	300-399		5	2016	Frontera	South McAllen	12.2	OH			1590	ACSR			3278	AEP/ETT	100		
US	TRE	-	AC	121-150		5	2016	South McAllen	South McAllen	0.0	OH							3278	AEP/ETT	100		
US	TRE	-	AC	121-150	22.4	6	2016	Olmos(7613) - New Sub	Olmos(7613) - New Subst	0.0	OH							7752	GVEC	100		
US	TRE	-	AC	121-150		12	2016	Hidden Valley	Lakeway	4.0	OH							1015	AUSTIN ENERGY	100		
US	TRE	-	AC	121-150		12	2016	Lakeway	Trading Post	3.8	OH							1015	AUSTIN ENERGY	100		
US	TRE	-	AC	121-150		12	2016	Patton Lane	Trading Post	12.0	OH							1015	AUSTIN ENERGY	100		
US	TRE	-	AC	300-399		7	2017	Loma Alta	la Palma	20.0	OH							2409	BPUB	100		
US	TRE	-	AC	300-399		7	2017	Loma Alta	Rio Hondo	25.0	OH							2409	BPUB	100		
US	TRE	-	AC	300-399		12	2017	Ranchito	South McAllen	38.0	OH							3278	AEP/ETT	100		
US	TRE	-	AC	121-150	600	3	2018	Villa Cavazos	Military Highway	0.0	OH							3278	AEP/TCC	100		
US	TRE	-	AC	121-150	600	5	2018	LaPalma	Villa Cavazos	0.0	OH							3278	AEP/TCC	100		
US	TRE	-	AC	121-150		5	2018	Lavon Switch	Allen Switch	8.9	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		5	2018	Coppell	North Lake	4.8	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		5	2018	Salado Switch	Cedar Valley	7.0	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		5	2018	East Richardson	Ben Davis	0.0	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		5	2018	Allen Switch	West Plano	3.5	OH							44372	ONCOR	100		
US	TRE	-	AC	300-399		5	2018	Lavon 345/138 kV Switching Station		0.0	OH							44372	ONCOR	100		
US	TRE	-	AC	300-399	600	5	2018	LaPalma	Ranchito	10.0	OH							3278	AEP/ETT	100		
US	TRE	-	AC	121-150	600	6	2018	Ranchito	Ranchito to Villa Cavazo	5.0	OH							3278	AEP/ETT	100		
US	TRE	-	AC	300-399		6	2020	Cagnon to Hill Country	Hill Country	19.5	OH							16604	CPS	100		
US	TRE	-	AC	300-399		6	2020	Hill Country	Skyline	11.0	OH							16604	CPS	100		
US	TRE	-	AC	121-150		11	2011	Ector County North Swi	Moss	14.0	OH							44372	ONCOR	100		
US	TRE	-	AC	300-399		11	2013	Anna Switch	Krum W.	150.0	OH							44372	ONCOR	100		
US	TRE	-	AC	300-399		11	2013	Willow Creek	Dermott Switch (Central	216.0	OH							44372	ONCOR	100		
US	TRE	-	AC	300-399		5	2013	Krum West	Riley	236.0	OH							44372	ONCOR	100		
US	TRE	-	AC	300-399		5	2013	Hicks Switch	Willow Creek	78.0	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		6	2010	Anderson	Westover Hills	1.8	OH							16604	CPS	100		
US	TRE	-	AC	121-150	25	6	2010	Fort Worth Substation	Fort Worth Substation	0.0	OH							5078	DENTON	100		
US	TRE	-	AC	121-150		7	2010	Ables Springs 138 kV line and point of interconne		15.7	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		12	2011	Circuit 921 to Circuit 975 Tie		0.0	OH							1015	AUSTIN ENERGY	100		
US	TRE	-	AC	121-150		5	2012	Uvalde 138 kV Substation Upgrade		0.0	OH			2x795	ACSR			3278	AEP/TCC	100		
US	TRE	-	AC	121-150		5	2012	Laguna Vista 138 kV tap lines		10.4	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		6	2012	Sulphur Springs - New 1	Sulphur Springs - New 1'	0.1	OH							16604	CPS	100		
US	TRE	-	AC	121-150		6	2012	Masterson Rd - New 13	Masterson Rd - New 138	20.0	OH							16604	CPS	100		
US	TRE	-	AC	300-399		6	2012	Brown Switch		0.0	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150	22.4	6	2012	Weil Road - New Substation		0.0	OH							7752	GVEC	100		
US	TRE	-	AC	121-150	22.4	6	2012	FM-725 - New Substation		0.0	OH							7752	GVEC	100		
US	TRE	-	AC	300-399		8	2012	Silverton Collection Stat	Silverton Collection Stati	0.0	OH							17008	SU	100		
US	TRE	-	AC	300-399		9	2012	Newton Switch	Newton Switch	0.0	OH							44372	ONCOR	100		
US	TRE	-	AC	300-399		9	2012	Hereford Collection Stat	Hereford Collection Stati	0.0	OH							17008	SU	100		
US	TRE	-	AC	300-399		9	2012	Nazareth Collection Station		0.0	OH							17008	SU	100		
US	TRE	-	AC	121-150		10	2012	East Abilene, Build new 138 kV switch station, ter		0.0	OH			795	ACSS			3278	AEP/TNC	100		
US	TRE	-	AC	121-150		12	2012	UTMB Substation- New Substation		0.0	OH							40051	TNMP	100		
US	TRE	-	AC	300-399		12	2012	Riley, Add two 144 MVar capacitors		0.0	OH							3278	AEP/ETT	100		
US	TRE	-	AC	300-399		12	2012	Riley, add two 100 Mvar reactors		0.0	OH							3278	AEP/ETT	100		
US	TRE	-	AC	300-399		2	2013	White Deer Collection Station		0.0	OH							17008	SU	100		
US	TRE	-	AC	300-399		3	2013	Gray Substation (Panhandle B-B), build new colle		0.0	OH								CTT	100		
US	TRE	-	AC	300-399		3	2013	Gray Substation (Panhandle B-B), build 50 MVAR		0.0	OH								CTT	100		
US	TRE	-	AC	121-150		6	2013	Palo Alto - New 138kV Substation		0.1	OH							16604	CPS	100		
US	TRE	-	AC	121-150		6	2013	Blumenthal		8.4	OH							11269	LCRA TSC	100		
US	TRE	-	AC	121-150		6	2013	FM 482		2.7	OH			795	ACSR			NBU	100			
US	TRE	-	AC	121-150		9	2013	Greens Prairie Substation		0.0	OH							2442	BTU	100		
US	TRE	-	AC	121-150		11	2013	FM 482		8.0	OH			795	ACSR			11269	LCRA TSC	100		
US	TRE	-	AC	121-150		12	2013	Salado 138 kV Switch		0.0	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		12	2013	Caddo - New Substation		0.0	OH							7752	GVEC	100		
US	TRE	-	AC	121-150		5	2014	West Batesville, Install 138 kV ring bus		0.0	OH			2x795	ACSR			3278	AEP/ETT	100		
US	TRE	-	AC	121-150		6	2014	Ranchtown - New 138 kV Substation		0.1	OH							16604	CPS	100		
US	TRE	-	AC	121-150		12	2014	Mainland-New Substation		0.0	OH							40051	TNMP	100		
US	TRE	-	AC	121-150		3	2015	Harbor SS: Build 138/12 KV Station		0.0	OH							3278	AEP/TCC	100		
US	TRE	-	AC	121-150		6	2015	Santa Clara - New Substation		0.0	OH							7752	GVEC	100		
US	TRE	-	AC	121-150	22.4	7	2015	Harbor SS: Build 138 KV line cut-in		0.7	OH							3278	AEP/TCC	100		
US	TRE	-	AC	121-150		6	2017	Blossom - New 138 kV Substation		0.1	OH							16604	CPS	100		
US	TRE	-	AC	121-150		5	2018	Boggy Creek 138 kV Sw	Boggy Creek 138 kV Swi	3.5	OH							44372	ONCOR	100		
US	TRE	-	AC	121-150		5	2011	Ector County North Switch (West B)		0.0	OH							44372	ONCOR	100		
US	TRE	-	AC	300-399		2	2012	Hicks Switch		0.0	OH							44372	ONCOR	100		
US	SERC	VACAR	AC	200-299	230	800	5	2010	Aguia Harbor	Garrisonville	10.0	OH	single pole steel	636	ACSR	Double	1	1	-	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	200-299	230	797	5	2009	Arlington	Idylwood	0.0	OH	single pole steel	636	ACSR	Single	1	1	-	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	200-299	230	1195	6	2011	Asheboro	Pleasant Garden	22.0	OH	single pole steel	1590	ACSR	Double	1	1		3046	Progress Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	566	12	2010	Asheville	Enka	0.0	OH	tower steel	1272	ACSR	Single	2	2		3046	Progress Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	800	6	2010	Bear Garden	Bremo	1.0	OH	single pole steel	636	ACSR	Double	1	1	-	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	400-599	500	3450	5	2011	Carson	Sulfolk	50.0	OH	tower steel	1351	ACSR	Triple	1	1	-	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	100-120	115	347	6	2010	Chase City	South Hill	0.0	OH	single pole steel	636	ACSR	Double	1	1	-	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	200-299	230	615	12	2011	Lee	South Hill	26.0	OH	single pole steel	1590	ACSR	Single	1	1		3046	Progress Energy Carolinas	100
US	SERC	VACAR	AC	100-120	115	347	6	2010	Club House	South Hill	0.0	OH	single pole steel	636	ACSR	Double	1	1	-	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	200-299	230	950	12	2010	Denny Terrace	Pineland	8.0	OH	single pole steel	1272	ACSR	Double	1	1		17359	South Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	797	5	2011	Harrisonburg	Valley	11.0	OH	tower steel	636	ACSR	Double	1	2	-	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	100-120	100	0	7	2010	Piercetown	Plainview Ret	5.0	OH	Unknown	954	ACSR	Single	1	2		5416	Duke Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	1195	6	2011	Richmond	Ft. Bragg Woodruff St	65.0	OH	other steel	1590	ACSR	Double	1	1		3046	Progress Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	1195	6	2011	Rockingham	West End	38.0	OH	H-frame steel	1590	ACSR	Double	1	1		3046	Progress Energy Carolinas	100

US	SERC	VACAR	AC	100-120	100	0	6	2010	Sadler Tie	Glen Raven Mn	0.0 OH	Unknown	Unknown	954 ACSR	Double	2	2	5416 Duke Energy Carolinas	100
US	SERC	VACAR	AC	100-120	100	0	6	2011	Sadler Tie	Glen Raven Mn	0.0 OH	Unknown	Unknown	954 ACSR	Double	2	2	5416 Duke Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	1047	5	2011	Suffolk	Fentress	26.0 OH	tower	steel	636 ACSR	Double	2	2 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	151-199	161	0	6	2011	West Mill Tie	Hyatt Creek Tie	17.0 OH	Unknown	Unknown	954 ACSR	Single	2	2	5416 Duke Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	352	5	2012	A M Williams	Cainho	0.0 OH	H-frame	wood	795 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	475	5	2016	AM Williams	Cainho	9.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	952	5	2013	AM Williams	Goose Creek	0.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	115	239	6	2012	Arcadia	Garden City	15.0 OH	Unknown	Unknown	1272 ACSR	Single	1	1	17543 South Carolina Public Servic	100
US	SERC	VACAR	AC	100-120	115	320	12	2012	Asheville	Enka	10.0 OH	H-frame	steel	1590 ACSR	Single	1	1	3046 Progress Energy Carolinas	100
US	SERC	VACAR	AC	100-120	115	9999	6	2014	Balston	Radnor Heights	3.7 UG	Unknown	Unknown	9999 Copper	Single	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	100	91.8	12	2010	Beaver Creek Sub	United Chemi-Con Sub	0.0 OH	single pole steel	336 ACSR	Single	1	1	1889 Blue Ridge Electric Members	100	
US	SERC	VACAR	AC	100-120	115	130	5	2014	Belvedere Switching	Stevens Creek	0.0 OH	H-frame	wood	477 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	474	5	2014	Belvedere Switching	Stevens Creek	8.0 OH	single pole steel	1272 ACSR	Single	2	2	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	100	102.2	12	2015	Blowing Rock Sub	New Blowing Rock Sub	1.0 OH	underground	Unknown	500 Copper	Single	0	0	1889 Blue Ridge Electric Members	100
US	SERC	VACAR	AC	100-120	100	91.8	12	2015	Boone Step-Down Sub	Blowing Rock Sub	0.0 OH	single pole steel	336 ACSR	Single	1	1	1889 Blue Ridge Electric Members	100	
US	SERC	VACAR	AC	200-299	230	800	7	2010	Bremo	Bear Garden	1.3 OH	single pole steel	636 ACSR	Double	1	1 -	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	100-120	115	797	12	2010	Bucksville	Garden City	15.0 OH	single pole wood	1272 ACSR	Single	1	1	17543 South Carolina Public Servic	100	
US	SERC	VACAR	AC	200-299	230	500	6	2014	Burke	Sideburn	2.2 UG	underground	Unknown	3500 Copper	Single	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	950	12	2013	Canadys	Church Creek	38.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	950	12	2013	Canadys	Pepperhill	35.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	352	12	2018	Canadys	St. George	0.0 OH	H-frame	wood	795 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	950	12	2018	Canadys	St. George	8.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	115	239	6	2011	Chase City	Clarksville	17.0 OH	single pole steel	636 ACSR	Single	1	1 -	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	100-120	115	239	6	2011	Chesapeake	Dozier	2.0 OH	tower	steel	636 ACSR	Single	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	722	11	2011	Chickahominy	Lanexa	14.0 OH	tower	steel	721 Aluminum	Double	1	2 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	797	11	2010	Chickahominy	Old Church	16.0 OH	tower	steel	636 ACSR	Double	1	2 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	950	4	2015	Denny Terrace	Lyles	3.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	1300	6	2011	Dickerson	Pleasant View	0.0 OH	H-frame	steel	721 Other	Double	1	3 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	115	231	5	2012	Dooms	Dupont-Waynesboro	5.0 OH	single pole steel	1033 ACSR	Single	1	1 -	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	400-599	500	2600	5	2012	Dooms	Lexington	0.0 OH	tower	steel	2500 Aluminum	Double	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	115	237	5	2015	Faber Place	Accabee	0.0 OH	single pole steel	1272 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	115	237	5	2015	Faber Place	Accabee	0.0 OH	single pole steel	1272 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	115	308	6	2013	Folkstone	Castle Hayne & Jackson	16.0 OH	Unknown	steel	1590 ACSR	Single	1	1	3046 Progress Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	800	6	2012	Gainesville	Louden	0.0 OH	single pole steel	636 ACSR	Double	1	1 -	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	200-299	230	1047	5	2010	Gallows	Ox	13.0 OH	tower	steel	636 ACSR	Double	2	2 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	800	11	2010	Hamilton	Pleasant View	12.0 OH	single pole steel	636 ACSR	Double	1	1 -	PJM Interconnection, LLC	100	
US	SERC	VACAR	AC	200-299	230	1195	6	2014	Harris	RTP	22.0 OH	single pole steel	1590 ACSR	Double	1	1	3046 Progress Energy Carolinas	100	
US	SERC	VACAR	AC	100-120	100	0	6	2011	Hickory Tie	Newton Tie Tap	0.0 OH	Unknown	Unknown	477 ACSR	Double	2	2	5416 Duke Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	402.4	12	2016	Horse Gap Sub	New Watauga 230kV Su	0.0 OH	single pole steel	954 ACSR	Single	1	1	1889 Blue Ridge Electric Members	100	
US	SERC	VACAR	AC	100-120	100	155.9	12	2017	Hudson Sub	New Oak Hill Sub	4.0 OH	single pole steel	795 ACSR	Single	1	1	1889 Blue Ridge Electric Members	100	
US	SERC	VACAR	AC	200-299	230	706	5	2011	Iron Bridge	Southwest	0.0 OH	tower	steel	1033 ACSR	Single	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	706	6	2011	Iron Bridge	Walmsley	0.0 OH	tower	steel	1033 ACSR	Single	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	115	472	5	2011	Killian	Blythewood	7.0 OH	single pole steel	1272 ACSR	Double	1	2	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	115	192	12	2010	Kitty Hawk	Collington	7.0 OH	tower	steel	1177 ACSR	Single	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	115	236	4	2015	Lake Murray	McMeekin	0.0 OH	single pole steel	1272 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	115	236	4	2015	Lake Murray	Saluda Hydro	0.0 OH	single pole steel	1272 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	800	6	2014	Landstown	Virginia Beach	0.0 OH	tower	steel	636 ACSR	Double	2	2 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	1047	5	2013	Loudoun	Middleburg	0.0 OH	tower	steel	636 ACSR	Double	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	115	237	12	2014	Lyles	Denny Terrace	0.0 OH	H-frame	wood	1272 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	176	12	2014	Lyles	Denny Terrace	0.0 OH	H-frame	wood	795 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	352	12	2014	Lyles	Denny Terrace	3.0 OH	single pole steel	795 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	115	237	5	2013	Lyles	Williams Street	0.0 OH	single pole steel	1272 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	400-599	500	3500	6	2011	Meadowbrook	Loudoun	65.0 OH	tower	steel	1351 ACSR	Triple	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	400-599	500	3500	9	2018	North Anna	Ladysmith	15.0 OH	tower	steel	1351 ACSR	Triple	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	950	5	2012	Pepperhill	Summerville	7.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	0	6	2011	Pleasant Garden (Duke)	Asheboro (Progress)	20.0 OH	Unknown	Unknown	954 ACSR	Single	1	1	5416 Duke Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	956	1	2019	Pomaria	Sandy Run	55.0 OH	Unknown	Unknown	1272 ACSR	Double	1	1	17543 South Carolina Public Servic	100
US	SERC	VACAR	AC	200-299	230	956	1	2019	Pomaria	V C Summer	8.0 OH	Unknown	Unknown	1272 ACSR	Double	1	1	17543 South Carolina Public Servic	100
US	SERC	VACAR	AC	400-599	500	3500	12	2011	Possum Point	Calvert Cliffs	0.0 OH	tower	steel	1351 ACSR	Triple	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	100	155.9	12	2015	Proposed Watauga 230	Boone Step-Down Sub	0.0 OH	single pole steel	795 ACSR	Single	1	2	1889 Blue Ridge Electric Members	100	
US	SERC	VACAR	AC	200-299	230	1047	5	2012	Remington	Sowego	0.0 OH	tower	steel	636 ACSR	Double	2	2 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	956	1	2015	Richburg	Flat Creek	32.0 OH	Unknown	Unknown	1272 ACSR	Double	1	1	17543 South Carolina Public Servic	100
US	SERC	VACAR	AC	100-120	115	89	12	2018	Saluda Hydro	Ga Pac	0.0 OH	tower	steel	266 ACSR	Single	2	2	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	474	12	2018	Saluda Hydro	Ga Pac	21.0 OH	single pole steel	1272 ACSR	Single	2	2	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	956	1	2019	Sandy Run	Orangeburg	34.0 OH	Unknown	Unknown	1272 ACSR	Double	1	1	17543 South Carolina Public Servic	100
US	SERC	VACAR	AC	200-299	230	0	6	2013	Shiloh Sw Sta	Pisgah Tie	0.0 OH	Unknown	Unknown	954 ACSR	Double	2	2	5416 Duke Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	1047	7	2012	Sowego	Gainesville	14.0 OH	tower	steel	636 ACSR	Double	2	2 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	352	12	2018	St. George	Summerville	0.0 OH	H-frame	wood	795 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	950	12	2018	St. George	Summerville	29.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	956	1	2019	St. George	Vermville	38.0 OH	Unknown	Unknown	1272 ACSR	Double	1	1	17543 South Carolina Public Servic	100
US	SERC	VACAR	AC	200-299	230	1047	6	2011	Theima	Carolina	10.0 OH	tower	steel	636 ACSR	Double	1	1 -	PJM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	950	5	2016	Urquhart	Graniteville	18.0 OH	single pole steel	1272 ACSR	Double	2	2	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	100-120	115	104	5	2016	Urquhart	Graniteville	0.0 OH	H-frame	wood	336 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	956	1	2015	V C Summer	Winnboro	14.0 OH	Unknown	Unknown	1272 ACSR	Double	1	1	17543 South Carolina Public Servic	100
US	SERC	VACAR	AC	200-299	230	950	4	2015	VC Summer	Killian	38.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 South Carolina Electric & Ga	100	
US	SERC	VACAR	AC	200-299	230	475	12	2013	VC Summer	Parr	0.0 OH	H-frame	wood	1272 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	475	12	2013	VC Summer	Parr	0.0 OH	H-frame	wood	1272 ACSR	Single	1	1	17539 South Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	950	12	2018	VC Summer	VC Summer #2	1.0 OH	single pole steel	1272 ACSR						

US	SERC	VACAR	AC	200-299	230	956	1	2015	Winnsboro	Richburg	27.0 OH	Unknown	Unknown	1272	ACSR	Double	1	1	17543	South Carolina Public Servic	100		
US	SERC	VACAR	AC	200-299	230	1047	6	2012	Yorktown	Hayes	8.0 OH	tower	steel	636	ACSR	Double	1	1	-	PJM Interconnection, LLC	100		
US	SERC	VACAR	AC	100-120	115	308	6	2016	Asheboro	Asheboro East	0.0 OH	H-frame	wood	1590	Unknown	Single	1	1	3046	Progress Energy Carolinas	100		
US	SERC	VACAR	AC	100-120	115	308	6	2019	Asheboro	Asheboro East	0.0 OH	H-frame	wood	1590	Unknown	Single	1	1	3046	Progress Energy Carolinas	100		
US	SERC	VACAR	AC	200-299	230	0	6	2017	Central Tie	Shady Grove Tie Tap	0.0 OH	Unknown	Unknown	954	ACSR	Double	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	100-120	100	0	6	2016	Cliffside Steam Sta	Broad River 16	0.0 OH	Unknown	Unknown	954	ACSR	Single	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	100-120	100	0	6	2013	Dan River Steam Sta	Madison Tie	0.0 OH	Unknown	Unknown	477	ACSR	Double	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	200-299	230	615	6	2017	Greenville	Kinston DuPont	30.0 OH	single pole steel	1590	ACSR	Single	0	1	3046	Progress Energy Carolinas	100			
US	SERC	VACAR	AC	100-120	100	0	6	2014	Lakewood Tie	Bancroft Ret Tap	0.0 OH	Unknown	Unknown	954	ACSR	Double	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	100-120	100	0	6	2012	Lancaster Mn	Monroe Mn	0.0 OH	Unknown	Unknown	954	ACSR	Single	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	100-120	100	0	6	2011	Lawsons Fork Tie	Pinewood Ret Tap	0.0 OH	Unknown	Unknown	477	ACSR	Double	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	100-120	100	0	6	2013	Mebane Tie	Burlington Tap	0.0 OH	Unknown	Unknown	795	ACSR	Double	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	100-120	100	0	6	2014	Oakvale Tie	Shady Grove Tie	0.0 OH	Unknown	Unknown	954	ACSR	Double	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	200-299	230	956	1	2019	Orangeburg	St. George	26.0 OH	Unknown	Unknown	1272	ACSR	Double	1	1	17543	South Carolina Public Servic	100		
US	SERC	VACAR	AC	200-299	230	0	6	2015	Riverview Sw Sta	Peach Valley Tie	0.0 OH	Unknown	Unknown	795	ACSR	Double	2	2	5416	Duke Energy Carolinas	100		
US	SERC	VACAR	AC	200-299	230	1195	6	2019	Rockingham	Lilesville	14.0 OH	H-frame	steel	1590	ACSR	Double	1	1	3046	Progress Energy Carolinas	100		
US	SERC	VACAR	AC	100-120	100	0	6	2012	Stamey Tie	EU # 18 Tap	0.0 OH	Unknown	Unknown	954	ACSR	Double	2	2	5416	Duke Energy Carolinas	100		
US	SPP	-	AC	151-199	161	585	6	2011	East-FairFax Substation	Fairfax Substation	0.1 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	585	6	2011	East-FairFax Substation	GM Substation	0.1 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	318	12	2011	Muncie Substation	Center City Substation	0.1 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	318	12	2011	Muncie Substation	Armourdale Substation	0.1 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	585	12	2016	Kaw Substation	Barber Substation	2.0 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	1170	12	2014	Fisher Substation	Barber Substation	2.5 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	585	12	2016	Speaker Substation	Kaw Substation	3.0 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	585	12	2017	Speaker Substation	Everett Substation	3.0 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	635	12	2011	Quindaro Substation	Nearman Substation	4.0 OH	P	S	1192	ACSS	1	2	2	KACY	M	100		
US	SPP	-	AC	151-199	161	585	12	2015	Kaw-West Sub	Speaker Sub	4.0 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	585	12	2017	Everett Substation	Quindaro Substation	4.5 OH	P	S	1192	ACSS	1	1	1	KACY	M	100		
US	SPP	-	AC	151-199	161	280	5	2011	Sub A	Sub M	5.0 P	P	S	795	ACSR	1	0	2	9231	INDN	M	100	
US	SPP	-	AC	151-199	161	1170	12	2011	Wolcott Substation	Nearman Substation	5.0 OH	P	S	1192	ACSS	1	2	2	KACY	M	100		
US	SPP	-	AC	151-199	161	268	6	2015	Monett Sub #383	South of Monett, MO	9.2 OH	H	W	795	ACSR	1	1	1	5860	The Empire District Electric Co	I	100	
US	SPP	-	AC	121-150	138	183	12	2016	Snyder Switchyard	Paradise Substation	9.9 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	106	12	2016	Anadarko Switchyard	OU Switchyard	11.1 OH	H	W	336.4	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	100-120	115	223	7	2011	Clay Center Junction	TC-Riley	12.0 OH	H	W	1192.5	ACSR	1	1	1	22500	Wester Energy	I	100	
US	SPP	-	AC	121-150	138	534	6	2012	Evans Energy Center	Goddard	19.0 OH	P	S	1192.5	ACSR	2	1	1	10005	Wester Energy	I	100	
US	SPP	-	ac	100-120	115		6	2015	Kinsley	various options	35.0 oh	H	w		ACSR			1	MIDW	MIDW		100	
US	SPP	-	AC	121-150	138	212	12	2018	Anadarko Switchyard	Paradise Substation	40.0 OH	H	W	1113	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	106	12	2017	Snyder Switchyard	Russell Switchyard	44.0 OH	H	W	336.4	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	183	6	2016	Elk City Substation	Russell Switchyard	46.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	ac	121-150	138	183	6	2018	Cache Switchyard	Grandfield Switchyard	58.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	ac	100-120	115		6	2011	Heizer	Mullegren	0.3 oh	H	w		ACSR			1	MIDW	MIDW		100	
US	SPP	-	AC	121-150	138	183	12	2011	Anadarko SW	Washita	1.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	100-120	115	146	12	2010	Hitchland	Texas County (1)	1.0 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100	
US	SPP	-	AC	100-120	115	146	6	2011	Hitchland	Spearman	1.0 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100	
US	SPP	-	AC	200-299	345	655	6	2012	Bonin 6 (502403)	Labbe (502421)	1.4 OH	H	W	795	ACSR	2	1	1	17718	SWPS	I	100	
US	SPP	-	AC	300-399	345		2	2011	Sportsman Acres	GRDA (constructed by A	3.0 OH								Lafayette		100		
US	SPP	-	AC	121-150	138	96	10	2010	Wynnewood Tap	Wynnewood	3.8 OH	Single Pol S			477	ACSR	1	1	1	OG&E		100	
US	SPP	-	AC	121-150	138	267	3	2011	Bentley West	Bentley East	4.0 OH	P	S	1192.5	ACSR	1	1	1	10005	Wester Energy	I	100	
US	SPP	-	AC	121-150	138	144	12	2015	OW Switchyard	Colde Substation	4.0 OH	H	W	556.5	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	100-120	115	223	7	2010	Union Ridge	TC-Hope	4.0 OH	H	S	1192.5	ACSR	1	1	1	22500	Wester Energy	I	100	
US	SPP	-	AC	121-150	138	183	6	2010	WFEC Snyder Switchy	AEP Snyder Substation	4.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	183	6	2010	Anadarko SW	Georgia Tap	5.0 OH	H	W	1113	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	151-199	161	282.5	12	2011	Tonnece Substation	Siloam Springs Substati	6.7 OH	Pole	S	1590	ACSR	1	1	1	7490	Grand River Dam Authority	S	100	
US	SPP	-	AC	121-150	138	287	6	2011	Bellcow	Warwick	7.0 OH	Single Pol S			795	ACSR	1	1	1	OG&E		100	
US	SPP	-	AC	100-120	115	78	10	2012	Clay Center Junction	Riley Pump Station	7.0 OH	P	W	477	ACSR	1	1	1	KPP	M	100		
US	SPP	-	AC	151-199	161	585	12	2009	Piper Substation	Wolcott Substation	7.0 OH	P	S	1192	ACSS	1	1	1	KACY		100		
US	SPP	-	AC	121-150	138	144	12	2013	Reeding	Twin Lakes Switchyard	7.0 OH	H	W	556	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	183	6	2011	Twin Lakes Switchyard	OG&E Crescent Substati	7.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	268	4	2011	Cushing	PS32	7.4 OH	Single Pol S			795	ACSR	1	1	1	OG&E		100	
US	SPP	-	AC	100-120	115	146	12	2010	Hitchland	Texas County (2)	8.0 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100	
US	SPP	-	AC	100-120	115	146	6	2011	Hitchland	Sherman Tap	8.0 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100	
US	SPP	-	AC	100-120	115	146	6	2010	Wheeler Intg.	Grave	8.0 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100	
US	SPP	-	AC	300-399	345	1336	6	2016	Shipe Road	E. Rogers	9.0 OH	P	C	954	ACSR	Double	1	1	1	17698	SOEP	I	100
US	SPP	-	AC	121-150	138	183	6	2011	Meeker Switchyard	Hammett Substation	10.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	267	7	2010	Sumner County	TC-Rock	10.0 OH	P	S	1192.5	ACSR	1	1	1	10005	Wester Energy	I	100	
US	SPP	-	AC	121-150	138	183	6	2010	OU Switchyard	Canadian Switchyard	11.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	267	7	2011	Burns Tap	TC-Burns	13.0 OH	H	W	1192.5	ACSR	1	1	1	10005	Wester Energy	I	100	
US	SPP	-	AC	121-150	138	183	12	2013	Loco SW	Headlton-Butler Jct.	13.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	300-399	345	106	6	2012	Cache Substation	Grandfield Switchyard	18.0 OH	H	W	336.4	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	300-399	345		1	2012	Hugo	Valiant	19.0 OH											100	
US	SPP	-	AC	300-399	345	1336	6	2014	Flint Creek	Shipe Road	21.0 OH	P	C	954	ACSR	Double	1	1	1	17698	SOEP	I	100
US	SPP	-	AC	121-150	138	183	6	2011	Franklin Switchyard	OU Switchyard	22.0 OH	H	W	795	ACSR	1	1	1	WFEC		100		
US	SPP	-	AC	121-150	138	512	12	2011	Turk	Sugar Hill	24.0 OH	P	S	1590	ACSR	Single	1	1	1	17698	SOEP	I	100
US	SPP	-	AC	121-150	138	287	5	2011	Caney Creek	Johnston County	25.0 OH	Single Pol S			795	ACSR	1	1	1	OG&E		100	
US	SPP	-	AC	200-299	230	829	1	2013	Wells	Labbe													

US	SPP	-	AC	300-399	345	1793	12	2012	Sooner	Cleveland	35.2 OH	H	Frame	S		1590	ACSR	2	1	1		OG&E			100
US	SPP	-	AC	300-399	345	1611	12	2012	Rose Hill	Sooner	43.0 OH	P		S		1590	ACSR	2	1	1		10005	Westar Energy	I	55
US	SPP	-	AC	200-299	230	452	6	2015	Seminole	Hobbs Plt	43.0 OH	H		W		795	ACSR	1	1	1		17718	SWPS	I	100
US	SPP	-	AC	200-299	230	452	6	2011	Hitchland	Moore County	50.0 OH	H		W		795	ACSR	1	1	1		17718	SWPS	I	100
US	SPP	-	AC	300-399	345	1793	6	2013	Sooner	Rose Hill	50.0 OH	H	Frame	S		1590	ACSR	2	1	1		OG&E			50
US	SPP	-	AC	300-399	345		12	2014	Comanche Co	Woodward**	55.0 OH														
US	SPP	-	AC	300-399	345		12	2014	Comanche Co.	Medicine Lodge**	55.0 OH														
US	SPP	-	AC	300-399	345		12	2014	Spearville	Comanche Co.**	55.0 OH														
US	SPP	-	AC	100-120	230	146	12	2011	Dallam	NW Intg	70.0 OH	H		W		795	ACSR	1	1	1		17718	SWPS	I	100
US	SPP	-	AC	300-399	345		12	2014	Medicine Lodge	Wichita**	70.0 OH														
US	SPP	-	AC	300-399	345		6	2017	Nebraska City	Maryville**	70.0 OH														
US	SPP	-	AC	300-399	345	1793	5	2014	Woodward EHV	State Line	72.0 OH	H	Frame	S		1590	ACSR	2	1	1		OG&E			100
US	SPP	-	AC	300-399	346		12	2014	Valiant	NW Texarkana**	76.0 OH														
US	SPP	-	AC	300-399	345		1	2012	Spearville	Knoll*	90.0 OH														
US	SPP	-	AC	300-399	345	1793	12	2013	Seminole	Muskogee	100.0 OH	H	Frame	S		1590	ACSR	2	1	1		OG&E			100
US	SPP	-	AC	300-399	345		6	2017	Maryville	Sibley**	105.0 OH														
US	SPP	-	AC	300-399	345	1793	4	2012	Sunnyside	Hugo	120.0 OH	H	Frame	S		1590	ACSR	2	1	1		OG&E			100
US	SPP	-	AC	300-399	345		6	2014	Hitchland	Woodward**	122.0 OH														
US	SPP	-	AC	300-399	345		1	2013	Knoll	Axtell*	125.0 OH														
US	SPP	-	AC	300-399	345		1	2014	Tuco	Stateline*	175.0 OH														
US	SPP	-	AC	121-150	138	106	12	2010	Chillico	OG&E 138	3.5 OH	H		W		336.4	ACSR	1	1	1		WFEC			100
US	SPP	-	AC	121-150	138	183	6	2010	Lane Substation	PSO Atoka Substation	6.5 OH	H		W		795	ACSR	1	2	1		WFEC			100
US	SPP	-	AC	200-299	230	829	1	2012	Sellers Road	Segura	19.0 OH	H		S		795	Drake ACSR	2	1	1		Cleco			100
US	SPP	-	AC	200-299	230	829	1	2012	Richard	Sellers Road	32.0 OH	H		S		795	Drake ACSR	2	1	1		Cleco			100
US	SPP	-	AC	300-399	345	1793	3	2010	Woodward EHV	Tatonga	48.6 OH	Single Pol	S			1590	ACSR	2	2	1		OG&E			100
US	SPP	-	AC	300-399	345	1336	10	2010	Reno County	Summit	53.4 OH	P		S		1192.5	ACSR	2	2	2		22500	Westar Energy	I	100
US	SPP	-	AC	300-399	345	1793	3	2010	Tatonga	Northwest	71.5 OH	Single Pol	S			1590	ACSR	2	2	1		OG&E			100
US	WECC	Desert SW	AC	400-599	500	1000	06	2012	Phoenix AZ	Phoenix AZ	15	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2012	Phoenix AZ	Phoenix AZ	4	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2012	Phoenix AZ	Phoenix AZ	12	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	400-599	500	1000	06	2010	Table Mesa AZ	Phoenix AZ	26	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	400-599	500	2728	06	2010	Table Mesa AZ	Table Mesa AZ	1	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2014	Phoenix AZ	Phoenix AZ	21	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2014	Phoenix AZ	Phoenix AZ	6	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2014	West Phoenix AZ	West Phoenix AZ	15	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2010	Peoria AZ	Pioneer AZ	9	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	400-599	500	600	06	2014	Palo Verde AZ	Phoenix AZ	28	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	400-599	500	1200	06	2014	Wintersburg AZ	Yuma AZ	115	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2015	West Phoenix AZ	West Phoenix AZ	12	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2015	West Phoenix AZ	West Phoenix AZ	12	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	400-599	500	1200	06	2016	Northwest of Phoenix A	Peoria AZ	40	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		803	APS	I	100
US	WECC	Desert SW	AC	400-599	500	1300	04	2014	Four Corners NM	Red Mesa AZ	189											DPA	O		10
US	WECC	Desert SW	AC	400-599	500	1300	06	2014	Moenkopi AZ	Marketplace NV	218											DPA	O		10
US	WECC	Desert SW	AC	400-599	500	1300	12	2014	Red Mesa AZ	Moenkopi AZ	62											DPA	O		10
US	WECC	Desert SW	AC	400-599	500	1405	05	2011	Coolidge, AZ	Mesa, AZ	0	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	100% SRP
US	WECC	Desert SW	AC	200-299	230	875	06	2011	Coolidge, AZ	Florence, AZ	30	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	100% SRP
US	WECC	Desert SW	AC	200-299	230	875	06	2011	Florence, AZ	Queen Creek, AZ	13	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	100% SRP
US	WECC	Desert SW	AC	200-299	500	1405	05	2011	Maricopa AZ	Mesa AZ	87	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	various
US	WECC	Desert SW	AC	200-299	500	1405	05	2013	Maricopa AZ	Mesa AZ	-87	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	various
US	WECC	Desert SW	AC	400-599	500	1405	05	2013	Maricopa AZ	Mesa AZ	87	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	various
US	WECC	Desert SW	AC	200-299	230	875	06	2011	Queen Creek AZ	Florence AZ	10	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	100% SRP
US	WECC	Desert SW	AC	200-299	230	875	06	2012	Gilbert AZ	Queen Creek AZ	8	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	100% SRP
US	WECC	Desert SW	AC	200-299	230	875	06	2012	Queen Creek AZ	Florence AZ	12	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	100% SRP
US	WECC	Desert SW	AC	200-299	230	833	05	2013	Casa Grande, AZ	Coolidge AZ	21	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	100% SRP
US	WECC	Desert SW	AC	400-599	500	1405	05	2013	Maricopa AZ	Coolidge, AZ	0	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	63.46% SRP
US	WECC	Desert SW	AC	400-599	500	1500	06	2013	Mobile AZ	Maricopa AZ	13	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		16572	SRP	S	various
US	WECC	Desert SW	AC	400-599	500	3000	01	2014	Corona, NM	Coolidge AZ	500 OH	Guyed V			Tubular St	1590	AL or ACS	3	1	1		SWPG			Participation I
US	WECC	Desert SW	AC	200-299	230	320	01	2011	Stirling Mountain NV	Northwest NV	41	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		19840	VEA	Other	100
US	WECC	Desert SW	AC	200-299	230	320	12	2012	Vista NV	Pahrump NV	11	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		19840	VEA	Other	100
US	WECC	Desert SW	AC	121-150	138	192	12	2013	Vista NV	Charleston NV	12	TBD	TBD		TBD	TBD	TBD	TBD	TBD	TBD		19840	VEA	Other	100
US	WECC	Desert SW	AC	100-120	115	156.6	12	2011	El Paso, Tx	El Paso, Tx	10.3	TBD	S			954	ACSR	1	1	1		5701	EPE	I	100
US	WECC	Desert SW	AC	100-120	115	156.6	05	2010	El Paso, Tx	El Paso, Tx	14.5	TBD	S			954	ACSR	1	2	TBD		5701	EPE	I	100
US	WECC	Desert SW	AC	100-120	115	156.6	05	2010	El Paso, Tx	El Paso, Tx	5.3	TBD	S			954	ACSR	1	2	TBD		5701	EPE	I	100
US	WECC	Desert SW	AC	100-120	115	156.6	05	2010	El Paso, Tx	El Paso, Tx	5.3	TBD	S			954	ACSR	1	2	TBD		5701	EPE	I	100
US	WECC	Desert SW	AC	100-120	115	156.6	05	2012	Las Cruces, NM	Las Cruces, NM	6.6	TBD	W			954	ACSR	1	1	TBD		5701	EPE	I	100
US	WECC	Desert SW	AC	100-120	115	156.6	05	2015	Las Cruces, NM	Las Cruces, NM	30	TBD	W			954	ACSR	1	1	TBD		5701	EPE	I	100
US	WECC	Desert SW	AC	400-599	500	2000	12	2013	Harry Allen 500 kV	Eldorado 500 kV	60 OH	TBD	TBD			1590	ACSR	3	1	1		GBT	O		Unspecified
US	WECC	Desert SW	AC	400-599	500	3585	06	2011	Las Vegas NV	Las Vegas NV	1 OH	T	S			1590	ACSR	3	1	1		13407	NEVP	I	100
US	WECC	Desert SW	AC	200-299	230	1200	06	2012	Las Vegas NV	Mercury NV	75 OH	T	S			954	ACSR	2	2	2		13407	NEVP	I	VEA 100%
US	WECC	Desert SW	AC	200-299	230	1200	06	2018	Las Vegas NV	Las Vegas NV															

US	WECC	Desert SW	AC	200-299	230	810	06	2018	Las Vegas NV	Las Vegas NV	5 OH	T	S	954	ACSR	2	1	1	13407	NEVP	I	100
US	WECC	Desert SW	AC	100-120	115	123	05	2012	San Manuel, AZ	San Manuel, AZ	4.5 OH	P, H	S, W	1272	ACSR	1	1	1	1	SWTC	C	100
US	WECC	Desert SW	AC	100-120	115	219	06	2011	Pima County, AZ	Pima County, AZ	0.6 OH	P	W	1272	ACSR	1	1	1	1	SWTC	C	62
US	WECC	Desert SW	AC	100-120	115	219	06	2011	Red Rock, AZ	Marana, AZ	8.5 OH	P	S	1272	ACSR	1	4	4	4	SWTC	C	71
US	WECC	Desert SW	AC	100-120	115	219	06	2012	Marana, AZ	Pima County, AZ	12.5 OH	P	S	1272	ACSR	1	1	1	1	SWTC	C	71
US	WECC	Desert SW	AC	100-120	115	219	06	2011	Pima County, AZ	Pima County, AZ	2.6 OH	P	W	1272	ACSR	1	1	1	1	SWTC	C	62
US	WECC	Desert SW	AC	100-120	115	219	06	2011	Pima County, AZ	Pima County, AZ	8.8 OH	H	W	1272	ACSR	1	1	1	1	SWTC	C	100
US	WECC	Desert SW	AC	100-120	115	219	06	2011	Pima County, AZ	Pima County, AZ	2.8 OH	H	W	1272	ACSR	1	1	1	1	SWTC	C	100
US	WECC	Desert SW	AC	100-120	115	219	06	2014	Pima County, AZ	Pima County, AZ	13.71 OH	H	W	1272	ACSR	1	1	1	1	SWTC	C	100
US	WECC	Desert SW	AC	100-120	115	219	06	2011	Marana, AZ	Marana, AZ	0.2 OH	O	W	1272	ACSR	1	1	1	1	SWTC	C	100
US	WECC	Desert SW	AC	200-299	230	TBD	06	2016	Cochise, AZ	Benson, AZ	16 OH	H	W	TBD	TBD	1	1	1	1	SWTC	C	100
US	WECC	Desert SW	AC	200-299	230	TBD	06	2017	Benson, AZ	Sahuarita, AZ	68.7 OH	H	W	TBD	TBD	1	1	1	1	SWTC	C	100
US	WECC	Desert SW	AC	300-399	345	1195	06	2019	Vail, AZ	Tucson, AZ	11 OH	P	S	954	ACSS	2	n/a	1	24211	TEP	I	TBD
US	WECC	Desert SW	AC	300-399	345	1195	06	2019	Tucson, AZ	Sahuarita, AZ	16 OH	P	S	954	ACSS	2	n/a	1	24211	TEP	I	TBD
US	WECC	Desert SW	AC	300-399	345	1195	06	2019	Red Rock, AZ	Marana, AZ	15 OH	P	S	954	ACSS	2	n/a	1	24211	TEP	I	TBD
US	WECC	Desert SW	AC	100-120	115	232	12	2012	Dulce, NM	Navajo Lake State Park,	38 OH	To Be Det	W	795	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	Desert SW	AC	100-120	115	166	12	2016	Elephant Butte, NM	Las Cruces, NM	63 OH	To Be Det	W	477	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	CAL N	AC	200-299	230	800 and 2	12	2016	Collinsvilles, CA	Pittsburg, CA	8 OH and : T	T	S	2300	kmi AL	2	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	TBD	05	2012	Rio Oso	Gold Hill	28.5 OH	T	S	TBD	TBD	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	TBD	05	2011	Sanger	Reedley	20 OH	P	W	TBD	TBD	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	TBD	05	2012	Cressey	Gallo	12 OH	P	W	TBD	TBD	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	604	05	2011	Table Mountain Substat	Rio Oso Substation (Rio	136 OH	T	S	795	kmi AL	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	TBD	05	2012	Embarcadero	Potrero	3 UG	U	TBD	TBD	TBD	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	164	05	2011	Sanger	California Ave	9.3 OH	P	W	1113	AL	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	400-599	500	3000	12	2016	Selkirk BC	Collinsville CA	1200 DC	T	S	TBD	TBD	3	2	2	14328	PG&E	I	51-67 PG&E,
US	WECC	CAL N	DC	400-599	500	3000	12	2016	Selkirk BC	Collinsville CA	1300 DC	T	S	TBD	TBD	3	2	2	14328	PG&E	I	51-67 PG&E,
US	WECC	CAL N	AC	100-120	115	TBD	05	2012	Midway	Renfro	33 OH	T	S	TBD	TBD	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	TBD	05	2012	Midway	San Luis Obispo Solar S	68 OH	T	S	TBD	TBD	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	224	05	2010	multiple	multiple	14 OH	P	W	477	ACSS	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	TBD	05	2012	San Mateo	Bay Meadows	4.5 OH	T	S	TBD	TBD	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	224	05	2011	Gold Hill	Clarksville	6 OH	P	W	477	ACSS	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	TBD	05	2012	Missouri Flat	Gold Hill	25 OH	T	S	TBD	TBD	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	TBD	06	2012	Placer	Horseshoe	16 OH	T	S	TBD	TBD	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	224	12	2011	Lagunitas Switches	Anzar Junction	6.6 OH	P	S	477	ACSS	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	658	05	2014	Vaca Dixon Substation	Lakeville Substation (Pet	80 OH	T	S	1113	kmi AL	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	1366	05	2013	Telsa Substation (Liverr	Newark Substation (Fren	54 OH	T	S	954	kmi AL	2	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	126	05	2011	Tesla	Schulte, Salado, Mantec	21.9 OH	P	W	715	AL	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	164	05	2011	Palermo	Rio Oso	70 OH	T	S	1113	AL	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	224	05	2011	Atlantic	Lincoln	13 OH	P	W	477	ACSS	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	224	12	2010	Lincoln	Rio oso	11 OH	P	W	477	ACSS	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	TBD	05	2014	Ames	Ravenswood and San M	44 OH	T	S	TBD	TBD	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	224	12	2010	Moss Landing	Soledad	10.4 OH	P	W	477	ACSS	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	400-599	500	2146	12	2017	Bakersfield, Ca	Fresno, Ca	280 OH	T	S	2300	kmi AL	2	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	754	05	2011	Vaca Dixon Substation	Birds Landing Switching	50 OH	T	S	1113	kmi ACSS	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	754	05	2010	Birds Landing Switching	Contra Costa Substation	18 OH	T	S	1113	kmi ACSS	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	1366	05	2014	Newark Substation (Fre	Ravenswood Substation	18 OH	T	S	954	kmi AL	2	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	100-120	115	157	05	2011	Oakland "X"	Oakland "C"	3.7 UG	TBD	TBD	TBD	TBD	1	1	1	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	683	05	2014	Pittsburg Substation (Pi	Telsa Substation (Liverr	62 OH	T	S	954	kmi ACSS	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	683	05	2014	Contra Costa Substation	Moraga Substation (Orin	54 OH	T	S	954	kmi AL	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	658	12	2011	Lakeville Substation (Pe	Lakeville Substation (Pet	0.5 OH	T	S	1113	kmi AL	1	2	2	14328	PG&E	I	100
US	WECC	CAL N	AC	200-299	230	600	04	2012	O'Banion CA	Elverta CA	26 OH	Steel Pole	Steel	954	kmi AL	2	2	2	N/A	WASN	F	100
US	WECC	CAL S	AC	200-299	230	494 MVA	06	2012	Palm Springs CA	Coachella CA	0.8 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	230	TBD	07	2013	Boulder City NV	Primm NV	35 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	230	1287 MVA	08	2011	Rosamond CA	Rosamond CA	4 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	230	1287 MVA	08	2011	Rosamond CA	Rosamond CA	4 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	3421 MVA	03	2011	Lancaster CA	Vincent CA	18 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	500	988 MVA	11	2012	Irwindale CA	Lancaster CA	27 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	3421 MVA	11	2012	Mira Loma CA	Vincent CA	5 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	3421 MVA	11	2012	Mira Loma CA	Vincent CA	16 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	TBD	06	2011	Monterey Park CA	Orange CA	40 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	3421 MVA	10	2011	Rosamond CA	Mohave CA	17 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	TBD	11	2013	Monterey Park CA	Vincent CA	19 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	3950 AMF	06	2010	Tehachapi CA	Saugus CA	82.7 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	230	3950 AMF	06	2010	Desert Center CA	Blythe CA	66 OH	TBD	TBD	1033	ACSR	3	1	1	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	230	1240 AMF	06	2019	Palm Springs CA	Mirage CA	15 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	230	3230 AMF	10	2012	Rector CA	Springville CA	38 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	3950 Amp	06	2013	Tehachapi CA	Mira Loma CA	250 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	2700 AMF	04	2013	Colorado River CA	Devers CA	115 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	400-599	500	TBD	04	2013	Valley CA	Devers CA	42 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	500	3421 MVA	06	2011	Lancaster CA	Mohave CA	26 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	17609	SCE	I	SCE: 100%
US	WECC	CAL S	AC	200-299	500	1287 MVA	06	2011	Tehachapi CA	Mohave CA	10 OH	TBD										

US	WECC	CAL S	AC	200-299	230	1326*	01	2012	Suncrest	Sycamore Canyon	28	OH/UG	T, P, U	S	900	ACSS***	2	0	2	16609	SDGE	I	100
US	WECC	CAL S	AC	200-299	230	1326*	01	2012	Suncrest	Sycamore Canyon	28	OH/UG	T, P, U	S	900	ACSS***	2	0	2	16609	SDGE	I	100
US	WECC	CAL S	AC	400-599	500	2598**	01	2012	Imperial Valley	Suncrest	91	OH	T, P, U	S	1033	ACSR***	3	0	1	16609	SDGE	I	100
US	WECC	CAL S	AC	121-150	138	478	06	2010	SH	Meadow Lark Junction	0	OH	P	S	1033	ACSR	2	0	2	16609	SDGE	I	100
US	WECC	RMPA	AC	100-120	230	1200	AMF	40210	2010	Sandown CO	Leetsdale CO	6	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	I	100	
US	WECC	RMPA	AC	200-299	230	500	40848	2011	Chambers CO	Spruce CO	8	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	I	100	
US	WECC	RMPA	AC	200-299	230	500	40848	2011	Chambers CO	Tower CO	8	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	I	100	
US	WECC	RMPA	AC	200-299	230	500	40848	2011	Spruce CO	Tower CO	8	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	I	100	
US	WECC	RMPA	AC	300-399	345	1200	40664	2011	Midway CO	Waterton CO	82	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	I	100	
US	WECC	RMPA	AC	300-399	345	735	41395	2013	Pawnee CO	Smoky Hill CO	96	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	I	100	
US	WECC	RMPA	AC	100-120	115	222	40269	2010	Pueblo CO	Pueblo CO	0	OH	P	S	795	ACSR	1	1	1	1415	BHCE	I	100
US	WECC	RMPA	AC	100-120	115	222	40269	2010	Pueblo CO	Pueblo CO	12	OH	H	W	795	ACSR	1	1	1	1415	BHCE	I	100
US	WECC	RMPA	AC	100-120	115	222	40908	2011	Pueblo CO	Pueblo CO	3	OH	H	W	795	ACSR	1	1	1	1415	BHCE	I	100
US	WECC	RMPA	AC	100-120	115	222	40908	2011	Pueblo CO	Pueblo CO	2	OH	H	W	795	ACSR	1	1	1	1415	BHCE	I	100
US	WECC	RMPA	AC	100-120	230	222	40908	2011	Pueblo CO	Pueblo CO	11	OH	P	S	1272	ACSR	1	2	2	1415	BHCE	I	100
US	WECC	RMPA	AC	100-120	230	222	40908	2011	Pueblo CO	Pueblo CO	7	OH	P	S	1272	ACSR	1	1	2	1415	BHCE	I	100
US	WECC	RMPA	AC	200-299	230	558	42369	2015	Osage WY	Rapid City SD	65	OH	H	W	1272	ACSR	1	1	1	19545	BHP	I	100
US	WECC	RMPA	AC	200-299	230	558	41639	2013	Teckla WY	Osage WY	70	OH	H	W	1272	ACSR	1	1	1	19545	BHP	I	100
US	WECC	RMPA	AC	200-299	230	558	40482	2010	Pumpkin Buttes WY	Windstar WY	69	OH	H	W	1272	ACSR	1	1	1	19545	BHP	I	100
US	WECC	RMPA	AC	200-299	230	398	40544	2011	Longmont CO	Platteville CO	21	hybrid	P	S	OH 954, LOH ACSR	1	2	2	15143	PRPA	M	100	
US	WECC	RMPA	AC	200-299	230	472	40664	2011	Fort Collins CO	Loveland CO	10	hybrid	P	S	OH 954, LOH ACSR	1	2	2	15143	PRPA	M	100	
US	WECC	RMPA	AC	100-120	115	232	40359	2010	Bayfield CO	Durango CO	15	OH	H	W	795	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	100-120	115	166	40543	2010	Stamelson CO	Garnet Mesa CO	15	OH	P / H	W	477	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	100-120	115	166	40513	2010	Richard Lake CO	Wellington CO	8	OH	P	W	477	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	100-120	115	166	41274	2012	Nucla CO	Telluride CO	50	OH/UG	P/U	W	477	ACSR/AL	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	200-299	345	(2) 613	41547	2013	Alamosa County, CO	Huerfano County, CO	93	OH	T	S	1272	ACSR	1	2	2	30151	TSGT	C / I	40 / 60
US	WECC	RMPA	AC	300-399	345	(2) 1700	41547	2013	Huerfano County, CO	Pueblo, CO	43	OH	T	S	1272	ACSR	1	2	2	30151	TSGT	C / I	40 / 60
US	WECC	RMPA	AC	200-299	230	613	41547	2013	Huerfano County, CO	Pueblo, CO	7	OH	T	S	477	ACSR	1	1	1	30151	TSGT	C / I	40 / 60
US	WECC	RMPA	AC	100-120	115	166	40908	2011	Reunion, CO	Brighton, CO	5	OH	T	S	477	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	100-120	115	166	41274	2012	Brighton, CO	Brighton, CO	4	OH	T	S	477	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	200-299	230	613	41274	2012	Burlington, CO	Wray, CO	56	OH	To Be Det	To Be Det	1272	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	200-299	230	613	41182	2012	Archuleta County, CO	Durango CO	29	OH	To Be Det	To Be Det	1272	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	200-299	230	613	41182	2012	Shiprock, NM	La Plata County, CO	40	OH	T	S	1272	ACSR	1	1	2	30151	TSGT	C	100
US	WECC	RMPA	AC	200-299	230	613	41639	2013	Cheyenne, WY	Cheyenne, WY	10	OH	T	S	1272	ACSR	1	2	2	30151	TSGT	C	100
US	WECC	RMPA	AC	100-120	115	166	41090	2012	Yuma County, CO	To Be Determined	20	OH	To Be Det	To Be Det	477	ACSR	1	1	1	30151	TSGT	C	100
US	WECC	RMPA	AC	100-120	115	166	42735	2016	Paogosa Springs, CO	To Be Determined	37	OH	To Be Det	W	477	ACSR	1	1	1	30151	TSGT	C	50
US	WECC	RMPA	AC	100-120	115	166	42735	2016	Montrose, CO	Montrose County, CO	8	OH	To Be Det	W	477	ACSR	1	1	1	30151	TSGT	C	50
US	WECC	RMPA	AC	200-299	230	407	40299	2010	Cheyenne WY	Ault CO	35	OH	H	W	1,272 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	230	239	40452	2010	Erie, CO	Hoyt, CO	45.3	OH	P	S	1272 KCM ACSR	1	1	2	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	331	42278	2015	Alcova, WY	Miracle Mile (West), WY	24.1	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	331	42644	2016	Alcova, WY	Casper (South), WY	28.6	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	200-299	230	478	40817	2011	Boyd (Larimer county), WY	Weld County, Co	12.7	OH	P	S	1272 KCM ACSR	1	1	2	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	331	41548	2017	Casper (South) WY	Dave Johnston Substatio	31.25	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	331	43374	2018	Alcova, WY	Miracle Mile (East), WY	24.1	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	331	43739	2019	Alcova, WY	Casper (North), WY	28.6	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	331	42644	2018	Casper (North), WY	Dave Johnston Substatio	37.5	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	331	41183	2012	Lovell, WY	Yellowtail, MT	46.8	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	331	41183	2013	Lovell, WY	Basin, WY	38.6	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	RMPA	AC	100-120	115	179	40452	2010	Ault, CO	Black Hollow, CO	5.74	OH	H	W	795 KCM ACSR	1	1	1	27000	WACM	F	100	
US	WECC	Basin	AC	200-299	230	339	40817	2011	Midpoint, ID	King, ID	24	OH	H-05	W	715.5	ACSR	1	1	1	9191	IPC	I	100
US	WECC	Basin	AC	200-299	230	339	40817	2011	King, ID	DRAM, ID	80	OH	H-05	W	715.5	ACSR	1	1	1	9191	IPC	I	100
US	WECC	Basin	AC	200-299	230	339	40817	2011	Midpoint, ID	DRAM, ID	-104	OH	H-05	W	715.5	ACSR	1	1	1	9191	IPC	I	100
US	WECC	Basin	AC	200-299	230	493	41061	2012	Ontario, OR	South of New Plymouth,	13	H	W	W	1272	ACSR	1	1	1	9191	IPC	I	100
US	WECC	Basin	AC	200-299	230	493	41061	2012	South of New Plymouth	Caldwell, ID	23	H	W	W	1272	ACSR	1	1	1	9191	IPC	I	100
US	WECC	Basin	AC	200-299	230	493	41061	2012	Ontario, OR	Caldwell, ID	-30	H	W	W	1272	ACSR	1	1	1	9191	IPC	I	100
US	WECC	Basin	AC	121-150	230	296	41061	2012	South of New Plymouth	Caldwell, ID	20	TBD	S	S	1590	ACSR	1	1	1	9191	IPC	I	100
US	WECC	Basin	AC	200-299	230	550	40330	2010	Walters Ferry, ID	Bowmont, ID	8	TDC	S	S	1590	ACSR	1	1	2	9191	IPC	I	100
US	WECC	Basin	AC	200-299	230	550	42156	2015	Walters Ferry, ID	Bowmont, ID	8	TDC	S	S	1590	ACSR	1	0	2	9191	IPC	I	100
US	WECC	Basin	AC	400-599	500	3000	40330	2010	Shoshone, ID	Walters Ferry, ID	126	H	W	W	1272	ACSR	3	1	1	9191	IPC	I	100
US	WECC	Basin	AC	400-599	500	3000	40330	2010	Walters Ferry, ID	Burns, OR	134	H	W	W	1272	ACSR	3	1	1	9191	IPC	I	100
US	WECC	Basin	AC	400-599	500	3000	40330	2010	Shoshone, ID	Burns, OR	-260	H	W	W	1272	ACSR	3	1	1	9191	IPC	I	100
US	WECC	Basin	AC	400-599	500	3000	42156	2015	Walters Ferry, ID	Boardman, OR	300	TBD	TBD	TBD	ACSR	TBD	2	1	1	9191	IPC	I	100
US	WECC	Basin	AC	300-399	345	1386	42522	2016	American Falls, ID	Pocatello, ID	32	H	S	S	1272	ACSR	3	1	1	9191	IPC	I	100
US	WECC	Basin	AC	300-399	500	2079	42522	2016	Shoshone, ID	Pocatello, ID	-84	H	S	S	1272	ACSR	3	1	1	9191	IPC	I	100
US	WECC	Basin	AC	300-399	345	1386	42522	2016	Shoshone, ID	Pocatello, ID	-32	H	S	S	1272	ACSR	2	1	1	9191	IPC	I	100
US	WECC	Basin	AC	400-599	500	3000	42522	2016	Hollister, ID	Walters Ferry, ID	153	TBD	TBD	TBD	ACSR	TBD	2	1	1	9191	IPC	I	unknown at th
US	WECC	Basin	AC	400-599	500	3000	42522	2016	Downey, ID	American Falls, ID	51	TBD	TBD	TBD	ACSR	TBD	2	1	1	9191	IPC	I	unknown at th
US	WECC	Basin	AC	400-599	500	3000	42522	2016	Shoshone, ID	American Falls, ID	84	H	S	S	1272	ACSR	3	1					

US	WECC	Basin	AC	400-599	500	3681.5	TBD	2018	Carbon County, WY	Mona, UT	400 OH	T	S	1949.6	ACSR/TW	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	300-399	500	3681.5	41455	2013	Mona, UT	Tooele County,UT	65 OH	T	S	1949.6	ACSR/TW	1	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	300-399	345	1396	41455	2013	Tooele County, UT	South Jordan, UT	32 OH	T	S	1272	ACSR	2	2	2	14354	PAC	I	100	
US	WECC	Basin	AC	300-399	345	1332	TBD	2014	South Jordan, UT	SLC,UT	28 OH	P	S	1272	ACSR	2	2	2	14354	PAC	I	100	
US	WECC	Basin	AC	200-299	230	888	TBD	2015	Windstar,WY	Carbon County, WY	76 OH	H	W	1272	ACSR	2	2	2	14354	PAC	I	100	
US	WECC	Basin	AC	200-299	230	888	TBD	2015	Windstar,WY	Carbon County, WY	122 OH	H	W	1272	ACSR	2	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	400-599	500	3681.5	TBD	2015	Carbon County, WY	Rock Springs, WY	154 OH	T	S	1949.6	ACSR/TW	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	400-599	500	3681.5	TBD	2015	Rock Springs, WY	Rock Springs, WY	154 OH	T	S	1949.6	ACSR/TW	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	400-599	500	3681.5	TBD	2015	Rock Springs, WY	Downey, ID	203 OH	T	S	1949.6	ACSR/TW	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	400-599	500	3681.5	TBD	2015	Rock Springs, WY	Downey, ID	203 OH	T	S	1590	ACSR	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	400-599	500	3681.5	TBD	2018	Carbon County, WY	Mona, UT	400 OH	T	S	1949.6	ACSR/TW	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	400-599	500	3681.5	TBD	2018	Mona, UT	Sigurd, UT	44 OH	T	S	1949.6	ACSR/TW	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	400-599	500	3681.5	TBD	2018	Sigurd, UT	Red Butte, UT	184 OH	T	S	1949.6	ACSR/TW	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	400-599	500	3681.5	TBD	2018	Red Butte, UT	Clark County, NV	95 OH	T	S	1949.6	ACSR/TW	3	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	300-399	345	1163	TBD	2019	Sigurd, UT	Hurricane, Utah	170 OH	T	S	954	ACSR	2	1	1	14354	PAC	I	100	
US	WECC	Basin	AC	200-299	230	TBD	12	2012	Yakima ,WA	Yakima ,WA	37.4 OH	TBD	TBD	TBD	TBD	TBD	TBD	14354	PAC	I	100		
US	WECC	Basin	AC	100-120	115	TBD	11	2011	Yakima ,WA	Yakima ,WA	5.67 OH	TBD	TBD	795	ACSR	1	1	1	TBD	14354	PAC	I	100
US	WECC	Basin	AC	100-120	115	TBD	5	2012	Yakima ,WA	Yakima ,WA	7.18 OH	TBD	TBD	795	ACSR	1	1	1	TBD	14354	PAC	I	100
US	WECC	Basin	AC	100-120	115	TBD	11	2011	Yakima ,WA	Yakima ,WA	1.58 OH	TBD	TBD	795	ACSR	1	1	1	TBD	14354	PAC	I	100
US	WECC	Basin	AC	100-120	115	245	6	2017	Medford,OR	Medford,OR	3.03 OH	TBD	TBD	1557	ACSR	1	1	1	TBD	14354	PAC	I	100
US	WECC	Basin	AC	200-299	230	600	12	2017	Wallawalla, WA	Wallula, WA	25 OH	TBD	TBD	TBD	TBD	TBD	TBD	14354	PAC	I	100		
US	WECC	Basin	AC	200-299	230	600	12	2012	Wallawalla, WA	McNary, OR	31 OH	TBD	TBD	TBD	TBD	TBD	TBD	14354	PAC	I	100		
US	WECC	Basin	AC	200-299	230	TBD	TBD	2016	Grants Pass, OR	Grants Pass, OR	30 OH	TBD	TBD	TBD	TBD	TBD	TBD	14354	PAC	I	100		
US	WECC	Basin	AC	300-399	345	600	41061	2012	Reno NV	Dayton NV	17 OH	T	S	954	ACSR	2	1	1	17166	SPP	I	100	
US	WECC	Basin	AC	200-299	230	200	41609	2013	Carson Lake, NV	Fallon, NV	20 OH	H	W	795	ACSR	1	1	1	17166	SPP	I	100	
US	WECC	Basin	AC	400-599	500	3000	41426	2013	Ely NV	Las Vegas NV	250 OH	T	S	1590	ACSR	3	1	1	17166	SPP	I	100	
US	WECC	Basin	AC	400-599	500	3000	41061	2012	Ely NV	Boulder City NV	230 OH	T	S	1590	ACSR	3	1	1	17166	SPP	I	0% (GBT OW	
US	WECC	Basin	AC	300-399	345	600	41426	2013	Reno NV	Doyle CA	50 OH	T	S	954	ACSR	2	1	1	17166	SPP	I	100	
US	WECC	Basin	AC	400-599	500	3000	41791	2014	Twin Falls ID	Ely NV	280 OH	T	S	1590	ACSR	3	1	1	17166	SPP	I	0% (GBT OW	
US	WECC	Basin	AC	100-120	120	200	41791	2014	Bordertown, NV	Verdi, CA	12 OH	T	W	954	ACSR	1	1	1	17166	SPP	I	100	
US	WECC	Basin	AC	400-599	500	3000	43252	2018	Carson City, NV	Las Vegas NV	265 OH	T	S	1590	ACSR	3	1	1	17166	SPP	I	50% (50% W,	
US	WECC	Basin	AC	300-399	345	600	41426	2013	Dayton NV	Reno NV	15 OH	T	S	954	ACSR	2	1	1	17166	SPP	I	100	
US	WECC	Basin	AC	400-599	500	2000	41244	2012	Robinson Summit 500 kV	Harry Allen 500 kV	280 OH	TBD	TBD	1590	ACSR	3	1	1	GBT	O	Unspecified	100	
US	WECC	Basin	AC	400-599	500	2000	41259	2013	Midpoint 500 kV	Robinson Summit 500 kV	235 OH	TBD	TBD	1590	ACSR	3	1	1	GBT	O	Unspecified	100	
US	WECC	Basin	DC	400-599	500	2000	42166	2015	Chugwater	Midpoint 500 kV	560 OH	TBD	TBD	TBD	TBD	TBD	TBD	1	1	JADE	O	Unspecified	100
US	WECC	NWPP	AC	200-299	230	831	40483	2010	Sedro Woolley WA	Snohomish WA	38.5 OH	TBD	TBD	2-795	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	TBD	40452	2010	Manchester WA	Long Lake WA	0.3 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	200-299	230	733	40848	2011	Sumner WA	Puyallup WA	5 OH	TBD	TBD	1590	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	40848	2011	Kirkland WA	Sammamish WA	5.2 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	TBD	40452	2010	Redmond WA	Redmond WA	5.5 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	41214	2012	Federal Way WA	Puyallup WA	6.3 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	41579	2013	Berrydale WA	Enumclaw WA	18 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	41579	2013	Puyallup WA	Lacey WA	15 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	TBD	42309	2015	Sumner WA	Puyallup WA	3.2 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	TBD	42309	2015	Lacey WA	Yelm WA	5 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	TBD	42309	2015	Ferndale WA	Custer WA	8 OH	TBD	TBD	TBD	TBD	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	42309	2015	Sumner WA	Auburn WA	2 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	42309	2015	Sumner WA	Auburn WA	1 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	42675	2016	Berrydale WA	Snoqualmie WA	10 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	42675	2016	Sumas WA	Everson WA	10 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	314	42675	2016	Renton WA	Bellevue WA	7 OH	TBD	TBD	1272	ACSR	TBD	TBD	TBD	15500	PSE	I	100	
US	WECC	NWPP	AC	100-120	115	259	40330	2010	Rapids Switchyard	South Nile Substation	6 OH	P	W	795	ACSS	1	1	2	5326	DOPD	M	100	
US	WECC	NWPP	AC	100-120	115	100	41274	2012	Palisades Substation	Castle Substation	5 OH	P	W	336	ACSR	1	1	1	5326	DOPD	M	100	
US	WECC	NWPP	AC	200-299	230	1000	41639	2013	Douglas Switchyard	Rapids Switchyard	15 OH	H	S	795	ACSS	2	1	1	5326	DOPD	M	100	
US	WECC	NWPP	AC	100-120	115	202	40725	2011	Wheeler Sub, Moses La	Ruff Sub, Ruff, WA	8 OH	H	W	795	ACSS	Single	1	1	1	14624	GCPO	O	100
US	WECC	NWPP	AC	200-299	230	418	41791	2017	Blue Lake	Gresham	5 OH	P	S	1272	ACSS	1	0	1	15248	PGE	I	PGE 100 %	
US	WECC	NWPP	AC	200-299	230	697	41061	2012	Horizon	Keeler	1 OH	P	S	1272	ACSS	1	0	1	15248	PGE	I	PGE 100 %	
US	WECC	NWPP	AC	200-299	230	1194	42309	2015	Pearl	Sherwood OR	5 OH	T	S	2388	AC T W	1	1	2	15248	PGE	I	PGE 10 %, BI	
US	WECC	NWPP	AC	400-599	500	1500	42095	2015	Coyote Springs	Bethel	200 OH	TBD	TBD	TBD	ACSR	3	1	2	15248	PGE	I	PGE 100 %	
US	WECC	NWPP	AC	200-299	230	534	40359	2010	Great Falls	U. S Border	135	TBD	TBD	TBD	TBD	TBD	TBD	TBD	USE	Other	I	100	
US	WECC	NWPP	AC	400-599	500	4936 @ 2	40940	2012	Umatilla, OR	Rufus, OR	79 OH	T	S	3-1/3	Inch ACSR	3	1	1	1738	BPA	F	100	
US	WECC	NWPP	AC	400-599	500	TBD	41639	2013	Clyde, WA	Central Ferry, WA	40 OH	TBD	S	TBD	TBD	3	1	TBD	1738	BPA	F	100	
US	WECC	NWPP	AC	400-599	500	TBD	41306	2013	The Dalles, OR	Goldendale, WA	28 OH	TBD	S	TBD	TBD	3	1	TBD	1738	BPA	F	100	
US	WECC	NWPP	AC	400-599	500	TBD	42369	2015	Castle Rock, WA	Troutdale, OR	75 OH	TBD	S	TBD	TBD	3	1	TBD	1738	BPA	F	100	
US	WECC	NWPP	AC	400-599	500	1500	42005	2015	Townsend MT	Midpoint, ID	460 TBD	TBD	TBD	TBD	TBD	TBD	NA	TBD	13902	NWMT	I	100	
US	WECC	NWPP	AC	100-120	115	258	12	2013	Beverly Park, WA	Everett, WA	3.5 OH	P	W, S	795	Aluminum	1	2	2	17470	SNPD	Other	100	
US	WECC	NWPP	AC	100-120	115	347	12	2013	Beverly Park, WA	Boeing, WA	2.33 OH	P	W, S	795	Aluminum	1	2	2	17470	SNPD	Other	100	
US	WECC	NWPP	AC	100-120	115	347	12	2014	SnoKing, WA	Halls Lake, WA	6.84 OH	P, H	W, S	1272	Aluminum	1	2	2	17470	SNPD	Other	100	
US	WECC	NWPP	AC	200-299	230	694	12	2013	Snohomish, WA	Beverly Park, WA	4.78 OH	P, H, T	W, S	1272	Aluminum	1	2	2	17470	SNPD	Other	99% BPA Ow	
US	WECC	NWPP	AC	100-120	115	347	12	2013	Arlington, WA	North Marysville, WA	6.37 OH	P, H											

- **Has Not Been Determined:** Non-standard reporting by a company where this company does not know all the details and they report only what is known.
- **Negative Transmission Line Length:** Usage of a negative value equates to transmission line mileage taken out of service and represents alterations where part of the power system was shortened.
- **Zero Transmission Mileage:** Information reported covers planned and conceptual projects. Where the company does not know all the details, they report only what is known.
- Regional name and function has changed from Electric Reliability Council of Texas (ERCOT) to Texas Reliability Entity (TRE).
The name ERCOT is now associated with regional transmission organization.
- Regional name has changed from Mid-Continent Area Power Pool (MAPP) to Midwest Reliability Organization (MRO).
- The MRO, SERC, and SPP regional boundaries were altered as utilities changed reliability organizations. The historical data series have not been adjusted.
- ECAR, MAAC, and MAIN dissolved at the end-of-2005. Utility membership joined other reliability regional councils.
- ReliabilityFirst Corporation (RFC) came into existence on January 1, 2006, and submitted a consolidated filing covering the historical NERC regions of ECAR, MAAC, and MAIN. Many of the former utility members joined RFC.
- Company names and reference abbreviations are from the NERC usage. Source reference for codes is found at: <http://www.nerc.com/page.php?cid=3125>. This also holds for the ownership codes and linkage to EIA company codes.
- Data are received as final from the NERC on this voluntary form. Canadian and Mexican data are supplied by the NERC.
- Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-411, "Coordinated Bulk Power Supply and Demand Program Report."

[illegible]

[illegible]

Planned	Reliability
Planned	Reliability
Planned	Reliability
Planned	Reliability
Planned	Fossil-Fire
Planned	Fossil-Fire
Planned	Reliability
Planned	Reliability
Planned	Reliability
Planned	Other
Planned	Economics
Planned	Reliability
Planned	Reliability
Planned	Reliability
Planned	Reliability
Planned	Reliability
Planned	Other
Planned	Reliability
Planned	Reliability
Planned	Reliability
Planned	Reliability
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Planned	Reliability
Planned	Variable/R
Planned	Reliability
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Planned	Reliability
Planned	Reliability
Planned	Reliability
Conceptus	Reliability
Conceptus	Reliability
Conceptus	Other
Conceptus	Reliability
Conceptus	Reliability
Conceptus	Reliability
Conceptus	Economics
Conceptus	Economics
Conceptus	Reliability
Conceptus	Reliability
Conceptus	Other
Conceptus	Variable/R
Conceptus	Variable/R
Conceptus	Other
Conceptus	Other
Conceptus	Other
Conceptus	Reliability
Conceptus	Reliability
Conceptus	Reliability
Conceptus	Reliability
Conceptus	Variable/R
Conceptus	Reliability
Conceptus	Other
Conceptus	Other
Conceptus	Economics
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Conceptus	Reliability
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Under Cor	Reliability Economics or Congestion
	Economics or Congestion

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Planned	Variable/Renewable Integration
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Conceptus	Reliability
Under Cor	Other
Under Cor	Other
Under Cor	Reliability
Planned	Variable/Renewable Integration
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Under Cor	Reliability
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Conceptus	Reliability
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Conceptus	Variable/Renewable Integration
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Conceptus	Variable/Renewable Integration
Planned	Reliability
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Conceptus	Other
Conceptus	Other
Conceptus	Economics or Congestion
Planned	Other
Planned	Other
Conceptus	Other
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Conceptus	Other
Conceptus	Other
Conceptus	Other
Conceptus	Variable/Renewable Integration
Planned	Reliability
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Under Cor	Variable/Renewable Integration
Planned	Other
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Planned	Other
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Under Cor	Reliability
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Planned	Other
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Planned	Economic: Reliability
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Planned	Reliability Economics or Congestion
Planned	Variable/R Reliability
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Planned	Reliability Variable/Renewable Integration
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Under Cor	Reliability

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Conceptus Reliability
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Conceptus Fossil-Fire
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Conceptus Fossil-Fire
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Planned	Reliability
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Under Cor	Reliability
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Under Cor	Reliability
Under Cor	Variable/R
Under Cor	Reliability
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Under Cor	Reliability
Under Cor	Reliability
Under Cor	Fossil-Fire
Under Cor	Reliability

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Planned	Reliability	Reliability
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Planned	Reliability	Reliability
Planned	Economic:	Economics or Congestion
Planned	Economic:	Economics or Congestion
Planned	Economic:	Economics or Congestion
Planned	Reliability	
Planned	Economic:	Economics or Congestion
Planned	Economic:	Economics or Congestion
Planned	Reliability	Reliability
Planned	Economic:	Economics or Congestion
Planned	Reliability	Reliability
Planned	Economic:	Economics or Congestion
Planned	Reliability	Reliability
Planned	Economic:	Economics or Congestion
Planned	Economic:	Economics or Congestion
Under Cor	Reliability	
Under Cor	Reliability	
Under Cor	Economic:	Reliability
Under Cor	Economic:	Reliability
Under Cor	Variable/R	Reliability
Under Cor	Economic:	Economics or Congestion
Under Cor	Variable/R	Reliability
Planned	Economic:	Reliability
Planned	Economic:	Reliability
Planned	Economic:	Reliability
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Planned	Economic:	Reliability
Conceptua	Fossil-Fire	Variable/Renewable Integration
Conceptua	Variable/R	Fossil-Fired Integration
Conceptua	Fossil-Fire	Variable/Renewable Integration
Planned	Reliability	Economics or Congestion
Planned	Reliability	
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Conceptua	Reliability	Fossil-Fired Integration
Conceptua	Reliability	Fossil-Fired Integration
Planned	Reliability	Fossil-Fired Integration
Planned	Reliability	Economics or Congestion
Conceptua	Reliability	
Planned	Variable/R	Variable/Renewable Integration
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Planned	Reliability	Variable/Renewable Integration
Under Cor	Reliability	Load Growth
Under Cor	Reliability	Load Growth
Under Cor	Reliability	Load Growth
Planned	Reliability	Load Growth
Conceptua	Other	Load Growth
Planned	Variable/Renewable Integration	
Under Cor	Fossil-Fired Integration	
Planned	Variable/R	Economics or Congestion
Planned	Economics or Congestion	
Planned	Economics or Congestion	
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Planned	Economics or Congestion	
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Planned	Economics or Congestion	
Conceptua	Variable/R	Economics or Congestion
Conceptua	Economics or Congestion	
Conceptua	Economics or Congestion	
Conceptua	Economics or Congestion	
Conceptua	Variable/Renewable Integration	
Conceptua	Variable/Renewable Integration	
Planned	Variable/Renewable Integration	
Planned	Variable/Renewable Integration	

Planned	Economics or Congestion
Conceptus Reliability	
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Conceptus Other	Other
Conceptus Other	Other
Conceptus Other	Other
Conceptus Reliability	Hydro Integration
Conceptus Reliability	Economics or Congestion
Conceptus Economic Reliability	
Conceptus Reliability	Reliability
Planned Reliability	Reliability
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Under Cor Other	Reliability
Conceptus Reliability	Reliability
Planned Reliability	Reliability
Conceptus Variable/R	Variable/Renewable Integration
Conceptus Variable/R	Variable/Renewable Integration
Planned Reliability	Reliability
Conceptus Variable/R	Variable/Renewable Integration
Under Cor Reliability	Reliability
Planned Reliability	Reliability
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Conceptus Economic Reliability	
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Under Cor Reliability	Reliability
Conceptus Reliability	Economics or Congestion
Planned Reliability	Variable/Renewable Integration
Under Cor Reliability	Economics or Congestion
Planned Economic Reliability	
Under Cor Reliability	Reliability
Conceptus Economic Reliability	
Conceptus Reliability	Economics or Congestion
Planned Increase Sacramento Area Import Capability	
Conceptus Reliability	
Conceptus Variable/Renewable Integration	
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Planned Variable/Renewable Integration	
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Planned Reliability	Variable/Renewable Integration
Conceptus Variable/R	Economics or Congestion
Conceptus Variable/R	Economics or Congestion
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Under Cor Variable/R	Economics or Congestion
Conceptus Variable/R	Economics or Congestion
Conceptus Variable/R	Economics or Congestion
Planned Reliability	Economics or Congestion
Under Cor Reliability	Economics or Congestion

Under Cor renewable Economics
Under Cor renewable Economics
Under Cor renewable Economics
Under Cor reliability
Under Construction
Planned Reliability Economics or Congestion
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Under Cor Reliability
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Under Cor Reliability Fossil-Fired Integration
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Under Cor Reliability Economics or Congestion
Under Cor Reliability Economics or Congestion
Under Cor Reliability Other
Planned Reliability Economics or Congestion
Planned Reliability Variable/Renewable Integration
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Planned Reliability Variable/Renewable Integration
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Conceptus Reliability Economics or Congestion
Under Cor Reliability Variable/Reviewable Integration
Under Cor Reliability Other
Planned Reliability Variable/Reviewable Integration
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Planned Economic: Other
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Planned Economic: Reliability
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Under Cor Economic: Reliability
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Complete Economic: Reliability
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