Form EIA-411 for 2009
Reliessed: December 2010
New Lydnate: December 2011
Table 6. Proposed High-voltage Transmission Line Additions Filed Covering Calendar Year 2009, by North American Electric Reliability Corporation, 2010 Through 2019

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(Various	eographi	o Aroa	1	W-II		Capacity	l 0-		Electrical Con-	nection Locations	1	Line Ir	nformation		Cond	uctor Cha	racteristics	l Cir	cuits		0		
Country	eograpiii	CAICA	1	Voltage		Сараспу	In-Se	rvice	Electrical Conf	lection Locations	1	Lille II	lioilliation		Cond	uctor Cria	lacteristics	Cii	Cuits		Company Info	mation	$\overline{}$
- with	NERC	NERC	Time	Operating	Design	Rating	Month	Vaar	From Torminal	To Torminal	Length	T	Pole	Pole	Size	Material	Bundling	Dranant	Ultimate	Company	Company Name	Organizational	Ownership
Total (T) for sub-	Region	Sub-region	Туре	(kV)	(kV)	(MVa)	Wonth	Year	From Terminal	To Terminal	(Miles)	Type	Type	Material	(MCM)	Material	Arrangement	Present	Uitimate	Code	Company Name	Туре	(Percent)
regions	SERC	Central	A.C.	151-199	161	273	10	2010	Gallatin	Lascassas	-27.2 (OH	tower	steel	705	ACSR	Cinala	L.,		10642	Tannagaa Vallay Authority		100
US	SERC	Central	AC AC	151-199	161	273	12 12	2010	Gallatin	Lascassas Lebanon	12.6 (tower	steel		ACSR	Single Single	1	1		Tennessee Valley Authority Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	273	12	2010	Gallatin	Murfreesboro	0.0	ОН	tower	steel	795	ACSR	Single	1	2	18642	Tennessee Valley Authority		100
US	SERC	Central	AC	121-150	138		5		Higby Mill	West Lexington	12.0 (tower	steel		ACSR	Single	2	-		E.ON U.S. Services Inc. for	l	100
US US	SERC SERC	Central Central	AC AC	151-199 151-199	161 161		5 12		Huntsville Lebanon	McCreary Lascassas	0.0 (19.0 (H-frame tower	steel steel		ACSR ACSR	Single Single	1	1		Tennessee Valley Authority Tennessee Valley Authority		100 100
US	SERC	Central	AC	400-599	500		4		Maury	Rutherford	27.0		tower	steel		ACSR	Triple	1	1		Tennessee Valley Authority		100
US	SERC	Central	AC	121-150	138		6		Middletown	Collins	7.0 (single po			ACSR	Single	2	_		E.ON U.S. Services Inc. for		100
US US	SERC SERC	Central Central	AC AC	300-399 100-120	345 115		6 10		Mill Creek Resaca	Hardin County Moss Lake	42.0 (9.0 (tower H-frame	steel steel		ACSR ACSR	Double Single	1	2		E.ON U.S. Services Inc. for Tennessee Valley Authority	l	100 100
US	SERC	Central	AC	151-199	161				Rutherford	Almaville	6.0		single po			ACSR	Single	1	i		Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161		10		Rutherford	Christiana	12.0 (tower	steel		ACSR	Single	1	1		Tennessee Valley Authority		100
US US	SERC SERC	Central Central	AC AC	151-199 151-199	161 161		6		Trinity Widows Creek	Cullman Oglethorpe	0.0 (tower	steel		ACSR ACSR	Single Single	1	2		Tennessee Valley Authority Tennessee Valley Authority		100 100
US	SERC	Central	AC	151-199	161		6		Widows Creek	Oglethorpe	0.0 (tower	steel		ACSR	Single	1	1		Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500		6		Browns Ferry	West Point	0.0		tower	steel		ACSR	Triple	1	1		Tennessee Valley Authority		100
US US	SERC SERC	Central Central	AC AC	400-599 151-199	500 161		6	20.2	Choctaw	French Camp Aberdeen	0.0 (10.6 (tower	Steel		ACSR Other	Triple Single	1	1		Tennessee Valley Authority Tennessee Valley Authority		100 100
US	SERC	Central	AC	400-599	500		6			Choctaw	37.4 (tower	steel		ACSR	Triple	1	1		Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500	2598	6	2012	Cordova	Freeport	0.0		tower	steel		ACSR	Triple	1	1		Tennessee Valley Authority		100
US	SERC	Central	AC	400-599	500		6		Cumberland	Davidson	0.0		tower	steel		ACSR	Triple	1	1		Tennessee Valley Authority		100
US US	SERC SERC	Central Central	AC AC	400-599 400-599	500 500		6		Cumberland Davidson	Johnsonville Pin Hook	0.0 (tower	steel steel		ACSR ACSR	Triple Triple	1	1		Tennessee Valley Authority Tennessee Valley Authority		100 100
US	SERC	Central	AC	151-199	161		6		Gallatin	Angeltown	19.4 (Unknown		ACSR	Single	1	1		Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161		5		Grahamville	Joppa DOE C33	2.0 (single po			ACSR	Single	1	2		E.ON U.S. Services Inc. for		100
US US	SERC SERC	Central Central	AC AC	121-150 300-399	138 345		5 6		Hardin County J.K. Smith	Elizabethtown J.K. Smith CFB	1.0 (tower H-frame	steel steel		ACSR ACSR	Double Double	2	2 2		E.ON U.S. Services Inc. for East Kentucky Power Coope		100 100
US	SERC	Central	AC	151-199	161		6		Johnsonville	South Jackson	0.0		tower	steel		ACSR	Single	1	1		Tennessee Valley Authority	:	100
US	SERC	Central	AC	400-599	500		11	2011	Madison	Limestone	0.0		tower	steel		ACSR	Triple	1	1		Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161		6		Mayfield	Golo	0.0		tower	steel		ACSR	Single	1	1		Tennessee Valley Authority		100
US US	SERC SERC	Central Central	AC AC	151-199 151-199	161 161	371 299	10 6		MEC	Nucor Holly Springs	1.5 (0.0 (tower	Unknown combinati		ACSR ACSR	Single Single	1	1		Tennessee Valley Authority Tennessee Valley Authority		100 100
US	SERC	Central	AC	400-599	500		6		Shelby	Lagoon Creek	0.0		tower	steel		ACSR	Triple	1	i		Tennessee Valley Authority		100
US	SERC	Central	AC	121-150	138		12		Tyrone	East Frankfort	0.0		H-frame	wood		ACSR	Single	1	1		E.ON U.S. Services Inc. for	l	100
US US	SERC SERC	Central Central	AC AC	151-199 151-199	161 161	299 450	6 10		Unionville Volunteer	Rally Hill East Knox	18.0 (13.0 (Unknown	Unknown		ACSR ACSR	Single Single	1	1		Tennessee Valley Authority Tennessee Valley Authority		100 100
US	SERC	Central	AC	400-599	500		12		Watts Bar	Bull Run	0.0 (tower	steel		ACSR	Triple	1	1		Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161	250	12	2012	West Irvine	Estill EP	2.0 (ОН		Unknown	556	ACSR	Single	1	1	10171	E.ON U.S. Services Inc. for		100
US	SERC	Central	AC	151-199	161		12		West Irvine	West Irvine Tap	3.0 (H-frame	wood		ACSR	Single	1	1		E.ON U.S. Services Inc. for	l	100
US US	SERC SERC	Central Central	AC AC	400-599 151-199	500 161		6		West Point Wheeler	Clay Maury	0.1 (tower	steel steel		ACSR Other	Triple Single	1	1		Tennessee Valley Authority Tennessee Valley Authority		100 100
US	SERC	Central	AC	400-599	500	2598	9	2012	Wilson	Pin Hook	0.0	ОН	tower	steel	954	ACSR	Triple	1	1		Tennessee Valley Authority		100
US	SERC	Central	AC	151-199	161		6		Wolf Creek	Clinton County	9.0 (Unknown		ACSR	Single	1	1	5580	East Kentucky Power Coope	:	100
US US	SERC SERC	Delta Delta	AC AC	400-599 300-399	500 345		6		Baxter Wilson Blackberry	Ray Braswell Morgan	0.0 (52.0 (Unknown H-frame	Unknown		ACSR ACSR	Triple Double	1	1	924	Entergy Associated Electric Coopera	1	100 100
US	SERC	Delta	AC	300-399	345		6		Blackberry	Neosho	8.5 (H-frame	wood		ACSR	Double	1	1		Associated Electric Coopera		100
US	SERC	Delta	AC	300-399	345				Blackberry	Sportsman Acres	92.5		H-frame	wood		ACSR	Double	1	1		Associated Electric Coopera		100
US US	SERC SERC	Delta Delta	AC AC	151-199 151-199	161 161	286 286	6		Cabool Cabool	Mountain Grove Willow Springs	9.6 (14.4 (H-frame H-frame	wood wood		ACSR ACSR	Single Single	1	1		Associated Electric Coopera Associated Electric Coopera		100 100
US	SERC	Delta	AC	151-199	161		6		Camp Clark	Lamar	21.2 (H-frame	wood		ACSR	Single	2	2		Associated Electric Coopera		100
US	SERC	Delta	AC	151-199	161	1067	2	2011	Chouteau Plant	Sportsman Acres	1.2 (ОН	H-frame	wood	2156	ACSR	Double	1	1	924	Associated Electric Coopera	1	100
US US	SERC SERC	Delta Delta	AC AC	300-399 151-199	345 161		2		GRDA	Sportsman Acres Stockton (AEC)	3.2 (6.4 (H-frame H-frame	wood wood		ACSR ACSR	Double Single	1	1		Associated Electric Coopera Associated Electric Coopera		100 100
US	SERC	Delta	AC	100-120	161		12		Hyder Hill Long Lane	Phillipsburg	5.3 (single po			ACSR	Single	1	1		Associated Electric Coopera		100
US	SERC	Delta	AC	151-199	161	286	6	2012	Mansfield	Mountain Grove	21.5 (ОН	single po	l€ steel	795	ACSR	Single	2	. 2	924	Associated Electric Coopera	1	100
US	SERC	Delta	AC	151-199	161	227	6		Marion Tap	Spalding	2.6 (H-frame			ACSR	Single	1	1		Associated Electric Coopera	1	100
US US	SERC SERC	Delta Delta	AC AC	151-199 151-199	161 161	364 286	6 12		Melbourne	Sage Jamesville	0.0		Unknown H-frame	Unknown		ACSR ACSR	Single Single	1	1		Entergy Associated Electric Coopera	4	100 100
US	SERC	Delta	AC	100-120	115		10		North Crossett	North Bastrop	19.0 (le concrete		ACSR	Single	1	1		Entergy		100
US	SERC	Delta	AC	151-199	161		3	2010		Talequah	2.0 (single po			ACSR	Single	2			Associated Electric Coopera	1	100
US US	SERC SERC	Delta Delta	AC AC	151-199 100-120	230 115		6		Peters Road Snakefarm	Oakville Kenner	7.0 (single po single po		1590 715.5	ACSR	Single Single	1	1		Entergy Entergy		100 100
US	SERC	Delta	AC	100-120	115		3		Snakerarm South Jackson	Florence	0.0 (single po single po			ACSR	Single	1	1		Entergy		100
US	SERC	Delta	AC	151-199	161	203	12	2010	Springfield	Nixa	0.0	ОН	H-frame	wood	795	ACSR	Single	2	2	924	Associated Electric Coopera	1	100
US	SERC	Delta	AC	100-120	115		10		Sterlington	North Bastrop	19.0 (le concrete		ACSR	Single	1	1		Entergy		100
US US	SERC SERC	Delta Delta	AC AC	200-299 121-150	230 138		6		Addis Alchem	Cajun Monochem	0.0 0			Unknown Unknown		Other ACSR	Double Double	1	1		Entergy Entergy		100 100
US	SERC	Delta	AC	100-120	115	98	12	2011	Alpine	Amity	0.0	ОН	H-frame	wood	212	Copper	Single	1	1		Entergy		100
US	SERC	Delta	AC	151-199	161		6	2010	ANO	Russelville North	0.0		H-frame		1534	Other	Single	1	1		Entergy		100
US US	SERC SERC	Delta Delta	AC AC	151-199 100-120	161 115		6		Apache Flats Bastrop	Scruggs Log Cabin	1.9 (H-frame single po			ACSR ACSR	Single Single	2	2 1		Associated Electric Coopera Entergy	1	100 100
US	SERC	Delta	AC	200-299	230		6		Bayou Laboutte	Iberville	1.5 (single po			ACSR	Double	1	1		Entergy		100
US	SERC	Delta	AC	200-299	230		6		Bayou Steel	Tezcuco	10.0		single po			ACSR	Single	Ċ	0	-	Entergy		100

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 -	Entergy	100
		Della	AC													100
US	SERC	Delta	AC	100-120	115	98	12	2011 Bismark	Alpine	0.0 OH	H-frame wood	212 Copper Single	1	1 -	Entergy	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
	SERC					286							- 1	- 1		
US		Delta	AC	151-199	161		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
			AC								single polesteel		_	2		
US	SERC	Delta	AC	121-150	138	245	6	2013 Bristow	Gypsy	11.1 OH			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 -	Entergy	100
													- 1	4		
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	Lowerv	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	4	4	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	Taleguah	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	4	1 -	Entergy	100
			AC													
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 Cheek	Fontenot's Corner	0.0 OH	single pole steel	1272 Other Single	2	2 -	Entergy	100
US	SERC	Delta	AC	200-299	230	520	6	2013 Church Rd	Getwell	16.0 OH	Unknown Unknown	1272 ACSR Single	- 1	1 -	Entergy	100
	SERC					247	3						- 1	1 -		
US		Delta	AC	151-199	161			2010 Dell	Manilla	0.0 OH	H-frame combination	666 ACSR Single	1		Entergy	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 -	Entergy	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	4	4	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 -	Entergy	100
	SERC	Delta	AC	151-199	161	286	6	2010 Edmonson	Gravois	6.4 OH	H-frame wood					100
US			AC									795 ACSR Single	2	2	924 Associated Electric Cooperat	
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	Entergy	100
			AC										1	1 -		
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	4	1 -	Entergy	100
			AC													
US	SERC	Delta	AC	200-299	230	520	6	2015 Getwell	Senatobia Industrial	26.0 OH	Unknown Unknown	1272 ACSR Single	1	1 -	Entergy	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	4	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 -	Entergy	100
US	SERC	Delta	AC	200-299	230	785	6	2011 Hartburg	McLewis	0.0 OH	single pole steel	1222 Other Single	1	1 -	Entergy	100
US	SERC	Delta	AC	151-199	161	617	6	2012 Holland Bottoms	Hamlet	20.0 OH	Unknown Unknown	1572 Other Single	- 1	1 -	Entergy	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
			AC			98	6		Bismark				- 1	1 -		100
US	SERC	Delta		151-199	115		-	2010 Hot Springs		0.0 OH	H-frame wood	212 Copper Single	1		Entergy	
US	SERC	Delta	AC	151-199	115	160	6	2010 Indianola	Greenwood	0.0 OH	Unknown Unknown	666 ACSR Single	1	1 -	Entergy	100
US	SERC	Delta	AC	151-199	115	297	1	2012 IPCO	Bastrop	0.0 OH	single pole steel	1590 ACSR Single	1	1 -	Entergy	100
US	SERC	Delta	AC	200-299	230	501	6	2011 Jacinto	Lewis Creek	0.0 OH	single pole steel	395 Aluminum Double	4	1 -	Entergy	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 -	Entergy	100
US	SERC	Delta	AC	151-199	161	246	6	2012 Jonesboro	hergett	0.0 OH	Unknown Unknown	666 ACSR Unknown	0	0 -	Entergy	100
US	SERC	Delta	AC	200-299	230	829	9	2012 Labbe	Sellers Road	15.0 OH	Unknown Unknown	1590 Aluminum Single	1	1 -	Entergy	100
			AC													
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 -	Entergy	100
US	SERC	Delta	AC	100-120	115	231	6	2012 Lakeover	Ridgeland	0.0 OH	single pole steel	1272 ACSR Single	2	2 -	Entergy	100
	SERC					779	6						7	1 -		
US		Delta	AC	200-299	230			2012 Loblolly	Hammond	23.0 OH	single pole combination	1272 Aluminum Single	1	1 -	Entergy	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 -	Entergy	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 -	Entergy	100
US	SERC	Delta	AC	200-299	230	704	6	2012 Nelson	Moss Bluff	7.0 OH	Unknown Unknown	666 ACSR Double	4	1 -	Entergy	100
							-									
US	SERC	Delta	AC	121-150	138	384	6	2013 Nelson	Mossville	0.0 OH	Unknown Unknown	1780 ACSR Single	1	1 -	Entergy	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 -	Entergy	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 -	Entergy	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 -	Entergy	100
US	SERC	Delta	AC	151-199	161	165	6	2010 Parkin	Twist	0.0 OH	H-frame wood	336 ACSR Single	- 1	1 -	Entergy	100
			AC			174	6	2013 Pharoah					1	1	204 Associated Florida Occasion	100
US	SERC	Delta		121-150	138		-		Okemah	14.0 OH		795 ACSR Single			924 Associated Electric Cooperat	
US	SERC	Delta	AC	121-150	138	478	6	2012 Plantation	Conroe	0.0 OH	single pol∈steel	954 ACSR Double	1	1 -	Entergy	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
							-						2			
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 polesteel	795 ACSR Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	100-120	161	122		2011 Rolla (South)	Yancy Mills	6.5 OH	H-frame wood				924 Associated Electric Cooperat	100
			AC.				ь						1	1		
US	SERC	Delta	AC	151-199	161	416	6	2012 Russellville South	Dardanelle Dam	0.0 OH	Unknown Unknown	1590 ACSR Single	1	1 -	Entergy	100
US	SERC	Delta	AC	200-299	230	497	6	2011 Segura	Moril	1.0 OH	Unknown Unknown	666 ACSR Double	1	1 -	Entergy	100
US	SERC	Delta	AC	200-299	230	829	6	2011 Sellers Road	Meaux	10.0 OH	Unknown Unknown	954 ACSR Double		1 -	Entergy	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 -	Entergy	100
US	SERC	Delta	AC	100-120	115	260	6	2013 Springridge Rd	Wynndale	25.0 OH	Unknown Unknown	1272 ACSR Single	1	1 -	Entergy	100
US	SERC	Delta	AC	100-120	115	297	6	2012 Sterlington	IPCO	0.0 OH	single pole steel	1590 ACSR Single	1	1 -	Entergy	100
US	SERC	Delta	AC	151-199	161	260	6	2010 Stockton	Morgan	18.6 OH	H-frame wood	954 ACSR Single	1	1	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	174	6	2013 Stroud	Stroud City	5.1 OH	single polesteel	795 ACSR Single	2	2	924 Associated Electric Cooperat	100
US	SERC	Delta	AC	121-150	138	245	6	2013 Stroud	Warwick	12.0 OH	H-frame wood	795 ACSR Single	4	4	924 Associated Electric Cooperat	100
US	SERU	Delig	AC	121-100	130	240	0	2010 Olloud	** al WICK	12.0 UH	i i i i ai i i e woou	130 AGON SITISTE		1	324 Associated Electric Cooperat	100

US	SERC	Delta	AC	151-199	161	203	6	2012 Summersville East	Sweetwater	27.8 OH H-frame wood	795 ACSR Single	4	4	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	4	4	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	4	1 -	Entergy	100
US	SERC	Delta		200-299	230	500	6	2012 Tallilla 2012 Tillatoba	South Grenada		1272 ACSR Single	2	2 -	Entergy	100
US	SERC	Delta	AC AC	151-199	161	286	5		Lincoln	19.0 OH single pole Unknown 7.8 OH H-frame wood			1		100
US	SERC	Delta	AC	100-120	115	276	5	2013 Walnut Grove	Swartz	0.0 OH single pole steel	795 ACSR Single 1590 ACSR Single	4	1 -	924 Associated Electric Cooperat Entergy	100
US	SERC	Delta	AC	151-199	161	286	6	2015 Wheaton	Cassville		795 ACSR Single	- 1		924 Associated Electric Cooperat	100
												1	1		
US	SERC SERC	Delta Delta	AC AC	151-199 200-299	161 230	286 711	6	2013 Wheaton 2014 Willow Glen	Reeds Spring Conway	48.0 OH H-frame wood 15.0 OH Unknown Unknown	795 ACSR Single 666 Other Double	2	2	924 Associated Electric Cooperat Entergy	100 100
							6					1	1 -		
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	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	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		4.4 OH (Ove Single Pol Composite		1	1	9617 JEA M	1 100
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 M	
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		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	1 100
US	FRCC	-	AC	200-299	200-299	458	12	2011 Hopkins-Crawfordville 2		8.0 OH (Ove Single Pol Composite		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	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	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	100
US	FRCC	-	AC	200-299		749	5	2014 Bayside Power Station		0.7 OH (Ove Single Pol Steel	1590 ACSR 1-Single	1	2	18454 TEC	100
US	FRCC	-	AC	200-299		749	5		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	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	1 100
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	
US	FRCC	-	AC	100-120	100-120	232	2	2010 Sub 17 115	Sub14 115	4.0 OH (Ove Single Pol Composite	954 ACSR 1-Single	0	1	18445 TAL M	
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	1 100
US	FRCC	-	AC	100-120	100-120	150	10	2010 SECI Woodville 115	Woodville 115	 Single Pol Concrete 	336 ACSR 1-Single	0	1	18445 TAL M	1 100
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	1 100
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	1 100
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		18445 TAL M	1 100
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		18445 TAL M	
US	FRCC	-	AC	100-120	100-120	209	9	2012 Sub 5 115	Sub 4 115	0.0 OH (Ove Tower Composite	954 ACSR 1-Single	2		18445 TAL M	1 100
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	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	100
US	SERC	Gateway	AC	300-399	345	1793	6	2010 Baldwin Power Plant St		26.0 OH single pol€ 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		4.0 OH single pol€ 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 pol€ 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 pol€ 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 pol € 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" Substatio		3.0 OH single pole steel	795 ACSR Single	1	1	4007 City of Columbia, MO	100
US	SERC	Gateway	AC	151-199	161	203	6	2012 CWLD "New" Substatio	CWLD - Perche Creek	6.0 OH single pol € steel	795 ACSR Single	1	1	4007 City of Columbia, MO	100
US	SERC	Gateway	AC	151-199	161	203	6	2014 CWLD - Power Plant	Rebel Hill - Bolstad Line	1.0 OH single pol€ steel	795 ACSR Single	2	2	4007 City of Columbia, MO	100
US	SERC	Gateway	AC	121-150	138	287	6	2016 Dupo Ferry	Buck Knob	0.0 OH tower steel	795 Other Single	1	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	121-150	138	423	6	2018 East Collinsville	Porter Road	0.0 OH H-frame wood	1192 Other Single	1	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	121-150	138	233	6	2012 East Peoria	Flint	0.0 OH single pole steel	927 Aluminum Single	1	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	121-150	138	233	6	2012 East Peoria	Tazewell	0.0 OH single pol€ steel	477 ACSR Single	1	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	121-150	138	253	6	2014 Edwards	Cat Sub 1	0.0 OH single pol€ steel	927 Aluminum Single	2	2 -	Ameren Services Company	100
US	SERC	Gateway	AC	121-150	138	465	6	2012 Edwards	Keystone	0.0 OH single pol€ steel	927 Aluminum Double	1	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	121-150	138	339	12	2012 Edwards	Tazewell	0.0 OH single pol∈steel	795 Other Single	2	2 -	Ameren Services Company	100
US	SERC	Gateway	AC	151-199	161	280	6	2011 Enon (AECI)	Tap (Belleau-GM-3)	1.0 OH H-frame wood	556 Other Single	0	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	151-199	161	280	6	2011 Enon (AECI)	Tap (GM-Pt. Prairie-3)	1.0 OH H-frame wood	556 Other Single	0	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	121-150	138	339	6	2014 ESK Tap	North LaSalle	0.0 OH single pol€ steel	795 Other Single	1	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	300-399	345	1793	12	2016 Fargo	Maple Ridge	20.0 OH single pol€ steel	954 Other Double	0	1 -	Ameren Services Company	100
US	SERC	Gateway	AC	300-399	345	1793	12	2016 Grand Tower	NW Cape	24.0 OH single pol€ steel	954 Other Double	0	1 -	Ameren Services Company	100

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 -	Ameren Services Company	100	_
US	SERC				138	202	6	2014 Havana South 2011 Hennepin		0.0 OH			Single	1	1 -			
US	SERC	Gateway Gateway	AC AC	121-150 300-399	345	1793	6	2011 Hernepin 2018 Hutsonville	Ottawa Jct. Merom	12.0 OH	H-frame wood single pole steel	795 ACSR 954 Other	Double	0	1 -	Ameren Services Company Ameren Services Company	100 100	,
US	SERC	Gateway	AC	300-399	345	1793	6	2019 Labadie	Mason	25.0 OH	3 - 1	954 Other	Double	0	2 -		100	
US	SERC	Gateway	AC AC	300-399	345 345	1195	12	2019 Labadie 2010 Labadie	Tyson	0.0 OH		954 Other 954 ACSR	Double	2	2 -	Ameren Services Company Ameren Services Company	100	
	SERC							2010 Labadie 2010 Labadie			tower steel				2 -			
US		Gateway	AC	300-399	345	1200	12		Tyson	0.0 OH	tower steel	954 ACSR	Double	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 Tar	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	J
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 pol∈ wood	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	J
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	J
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	o .
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	j
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	ò
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	ò
US	SERC	Gateway	AC	121-150	138	240	6	2014 Pana North	Ramsev Fast	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		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		AC	121-150	138	339	6	2017 Sidney 2014 Sidney	Windsor	0.0 OH	H-frame wood	795 Other		1	1 -		100	
US	SERC	Gateway Gateway	AC	121-150	138	339	6	2014 Sidney 2012 Sioux	Huster	0.0 OH	H-frame wood	795 Other 795 ACSR	Single Single	1	1 -	Ameren Services Company Ameren Services Company	100	
US	SERC		AC	121-150	138	339	6	2012 Sioux 2012 Sioux	Huster	0.0 OH	tower steel	795 ACSR 795 Other	Single	3	3 -		100	
	SERC	Gateway	AC	121-150	138	160	6	2012 Sloux 2011 South Belleville	1100101			477 ACSR		3	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC AC			280	-		17th Street Tap	0.0 OH	single pole wood H-frame wood		Single	1	1 -	Ameren Services Company		
US		Gateway		121-150	138		12	2015 South Belleville	Fayetteville North Tap			1272 ACSR	Single	1		Ameren Services Company	100	
US US	SERC SERC	Gateway	AC AC	300-399	345 138	1793 255	12	2014 South Bloomington	Brokaw	5.0 OH 0.0 OH	single pole steel	954 Other	Double	0	1 -	Ameren Services Company	100 100	
		Gateway		121-150			12	2013 South Bloomington	Washington Street		tower steel	477 ACSR	Single	2	2 -	Ameren Services Company		
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	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	J
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	J
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	J
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	J
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	J
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	j
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	J
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	
ÜS	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	'n
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	i -	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.	300-333	345	1793	6	2018 Meredosia	Inava	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 Meredosia	Pawnee	55.0 OH	single poli 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 polesteel	954 Other	Double	4	1 -	Ameren Services Company	100	
US	SERC	Gateway	AC AC	300-399	345 345	1793	6	2017 Nt. Zion 2018 Newton	Kansas Hutsonville	50.0 OH		954 Other 954 Other	Double	0	1 -	Ameren Services Company Ameren Services Company	100	
US	SERC		AC AC		345 345	1793	6	2018 Newton 2020 Palmyra			single pole steel H-frame wood	954 Other 954 Other		0	1 -		100 100	
US	SERC	Gateway Gateway	AC	300-399 300-399	345 345	1793		2020 Palmyra 2017 Pana North	Fairport Mt. Zion	122.0 OH 32.0 OH		954 Other	Double Double	0	1 -	Ameren Services Company Ameren Services Company	100	
							6		Mt. Zion		single pole steel			1				
US US	SERC SERC	Gateway Gateway	AC AC	300-399 300-399	345 345	1793 1793	6	2018 Quincy 2019 Roxford	Meredosia Campbell	45.0 OH 13.0 OH	single pole steel single pole steel	954 Other 954 Other	Double Double	0	1 -	Ameren Services Company Ameren Services Company	100 100	
US	SERC		AC AC		345 345	1793	-	2019 Roxford 2019 Rush Island		27.0 OH	3 - 1	954 Other 954 Other	Double	0	1 -		100	
	SERC	Gateway	AC AC	300-399			6		Dupo Ferry				Double	-		Ameren Services Company		
US	SERC	Gateway		300-399	345	1793	6	2020 Tazewell	South Bloomington	35.0 OH	single pole steel	954 Other		0	1 -	Ameren Services Company	100	
US US	SERC SERC	Gateway Gateway	AC AC	121-150 121-150	138 138	287 287	6 6	2018 Tazewell 2016 Vermillion	Tremont North Champaign	3.0 OH 0.0 OH	single pole steel H-frame wood	795 Other 795 Other	Single	0	1 -	Ameren Services Company	100	
US	MRO	GaleWay	AC AC	121-150 151-199	138 161	332		2016 Vermillion 2012 Ames Plant 161/69 kV S		0.0 OH 22.0 OH	P W		Single	1	1 -	Ameren Services Company	100 M 1	
		-					6					T2-397 AC ACSR		1 1	1	00 1 7 111100, 011 9 01		
US	MRO	-	AC	121-150	138	348	3	2010 ASPEN	PLAINS	19.7 OH	P S	477 ACSR		2 1	7	659 ATCLLC	O 100	,

US	MRO	_	AC	121-150	138	1349	4	2010 PADDOCK	ROCKDALE	35.0 OH	P	S	1113 ACSR	2	2	2	659 ATCLLC
															-	-	
US	MRO	-	AC	121-150	138	348	6	2010 OAK RIDGE	VERONA	5.8 OH	P	S	477 ACSR	2	1	1	659 ATCLLC
US	MRO	_	AC	121-150	138	262	11	2011 SHOREWOOD	HUMBOLDT	0.8 UG	U	0	2000 CU	1	1	1	659 ATCLLC
											-						
US	MRO	-	AC	100-120	138	175	6	2012 CLEAR LAKE	WOODMIN	7.5 OH	P	W	477 ACSR	1	1	1	659 ATCLLC
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
											- 1			-	-	-	
US	MRO	-	AC	300-399	345	1463	6	2013 ROCKDALE	CARDINAL	32.1 OH	Р	S	1113 ACSR	2	1	1	659 ATCLLC
US	MRO	-	AC	121-150	138	290	6	2015 BROOKDALE	WESTRIDGE	5.0 OH	P	S	795 ACSR	1	1	1	659 ATCLLC
															:	- :	
US	MRO	-	AC	121-150	138	348	6	2015 CHANDLER	18TH RD	6.0 OH	Р	S	477 ACSR	2	1	1	659 ATCLLC
US	MRO	_	AC	121-150	138	293	6	2016 NORTH LAKE GENEVA	A SOLITH LAKE GENEVA	5.0 OH	P	S	795 ACSR	1	1	1	659 ATCLLC
	MRO						-				-				:	- :	
US		-	AC	121-150	138	383	6	2017 BIRCHWOOD	LAKE DELTON	5.0 OH	P	S	477 ACSR	2	1	1	659 ATCLLC
US	MRO	_	AC	121-150	138	290	6	2017 BLOUNT	WALNUT	3.2 UG	U	0	2000 CU	1	1	1	659 ATCLLC
US	MRO	-	AC	121-150	138	290	6	2017 WALNUT	BLACKHAWK	3.0 UG	U	0	2000 CU	1	1	1	659 ATCLLC
US	MRO		AC	121-150	138	290	6	2017 BLACKHAWK	TERRACE AVE RISER	2.8 UG	U	0	2000 CU	- 1	4	4	659 ATCLLC
		-	AC				•	2017 BLACKHAWK	TERRACE AVE RISER		U						
US	MRO	-	AC	121-150	138	290	6	2017 TERRACE AVE RISER	CARDINAL	2.8 OH	Р	S	795 ACSR	1	1	1	659 ATCLLC
US	MRO		AC	121-150	138	290	6	2017 GERMANTOWN	COUNTRY AIRE	4.0 OH	D	S	795 ACSR	- 1	4	4	659 ATCLLC
US	MRO	-	AC	121-150	138	348	6	2017 ARENA	MAZOMANIE INDUSTRI	6.0 OH	P	S	477 ACSR	2	2	2	659 ATCLLC
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
			7.0				-				- 1						
US	MRO	-	AC	121-150	138	348	6	2017 WICK DRIVE	MAZOMANIE	2.0 OH	Р	S	477 ACSR	2	2	2	659 ATCLLC
US	MRO	_	AC	121-150	138	348	6	2017 MAZOMANIE	BLACK EARTH	4.0 OH	P	S	477 ACSR	2	2	2	659 ATCLLC
	MRO						-							_			
US		-	AC	121-150	138	348	6	2017 BLACK EARTH	STAGE COACH	7.0 OH	Р	S	477 ACSR	2	2	2	659 ATCLLC
US	MRO	-	AC	300-399	345	2110	6	2017 SPRING GREEN	CARDINAL	28.0 OH	P	S	954 ACSR	2	2	2	659 ATCLLC
														_			
US	MRO	-	AC	121-150	138	348	6	2017 SPRING GREEN	ARENA	7.0 OH	Р	S	477 ACSR	2	2	2	659 ATCLLC
US	MRO	_	AC	121-150	138	348	6	2017 STAGE COACH	CARDINAL	3.0 OH	P	S	477 ACSR	2	2	2	659 ATCLLC
	MRO								SPRING GREEN			Š	954 ACSR	-			
US		-	AC	300-399	345	2110	6	2017 NORTH LACROSSE		130.0 OH	Р			2	1	2	659 ATCLLC
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
	MRO					293			GREEN BAY SW				795 ACSR				
US		-	AC	121-150	138		6	2018 DEPERE		1.6 OH	Р	S		1	2	2	659 ATCLLC
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
														- :	- :	- 1	
US	MRO	-	AC	121-150	138	293	6	2018 TWIN LAKES	SPRING VALLEY	12.0 OH	Р	S	795 ACSR	1	1	1	659 ATCLLC
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
							-				-			:	:	- :	
US	MRO	-	AC	300-399	345	1096	6	2019 BAIN	ZION ENERGY CENTER	6.0 OH	Р	S	2156 ACSR	1	1	1	659 ATCLLC
US	MRO	_	AC	300-399	345	815	6	2019 ROCKDALE	CONCORD	29.8 OH	P	S	2156 ACSR	1	1	1	659 ATCLLC
		-	AC								_			:			
US	MRO	-	AC	300-399	345	815	6	2019 CONCORD	BARK RIVER	19.0 OH	Р	S	2156 ACSR	1	2	2	659 ATCLLC
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
											- 1						
US	MRO	-	AC	121-150	138	290	6	2020 BAYPORT	SUAMICO	5.3 OH	Р	S	795 ACSR	1	1	1	659 ATCLLC
US	MRO	-	AC	121-150	138	290	6	2020 SUAMICO	SOBIESKI	5.1 OH	P	S	795 ACSR	1	1	1	659 ATCLLC
															:	- :	
US	MRO	-	AC	121-150	138	290	6	2020 SOBIESKI	PIONEER	10.8 OH	Р	S	795 ACSR	1	1	1	659 ATCLLC
US	MRO	-	AC	121-150	138	290	6	2020 SHOTO	CUSTER	9.9 OH	P	S	795 ACSR	1	1	1	659 ATCLLC
	MRO					200									:	- :	
US		-	AC	200-299	230		4	2010 Belfield (BN)	Rhame, ND (New)	74.0 OH	Р	S	1272 MCN ACSR	1	1	1	BEPC
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
US	MRO			100-120		225			L - Oi-	3.0 OH	P	W	477 ACSS		~	- 1	
		-	AC	100-120	115		10	2010 Sartell	Le Sauk		Р			1	0	1	7570 Great River Energy
US	MRO	-	AC	100-120	115	315	12	2010 Scearcyville	Southdale	9.0 OH	P	W	795 ACSS	1	0	1	7570 Great River Energy
US	MRO		AC	100-120	115	315	6	2011 High Island	High Island Tap	7.5 OH	P	W	795 ACSS		0		7570 Great River Energy
		-	AC								P						
US	MRO	-	AC	100-120	115	114	6	2011 Parkers Prairie	Parkers Prairie Tap	2.0 OH	Р	W	336 ACSR	1	0	1	7570 Great River Energy
US	MRO			100-120	115	225	10	2011 Tamarac	Cormarant Tap	7.3 OH		W	477 ACSS		ō	- 1	7570 Great River Energy
		-	AC								P						
US	MRO	-	AC	100-120	115	225	10	2011 Cormorant Junction	Cormarant Tap	1.5 OH	P	W	477 ACSS	1	0	1	7570 Great River Energy
US	MRO		AC	100-120	115	114	12	2011 Pokegama	Pokegama Tap	8.0 OH	D	w	336 ACSR	4	ō	4	7570 Great River Energy
		-									г						
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
US	MRO		AC	100-120	115	315	5	2012 Northport	Northport Tap	1.0 OH	P	W	795 ACSS	- 1	0	4	7570 Great River Energy
		-									г						
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
US	MRO		AC	100-120	115	142	11	2013 Mantrap	Potato Lake	6.3 OH	D	W	477 ACSR	- 1	0	4	7570 Great River Energy
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
US	MRO		AC	100-120	115	315	6	2014 Carver County	Assumption	5.1 OH	D	W	795 ACSS	- 1	0	4	7570 Great River Energy
			AC														
US	MRO	-	AC	100-120	115	315	12	2014 Floodwood	Cromwell	29.0 OH	Р	W	795 ACSS	1	0	1	7570 Great River Energy
US	MRO		AC	100-120	115	315	6	2015 High Island	Arlington	10.0 OH	D	W	795 ACSS	- 1	0	4	7570 Great River Energy
			AC								г						
US	MRO	-	AC	100-120	115	315	6	2016 Alexandria	Albany	50.0 OH	Р	W	795 ACSS	1	0	1	7570 Great River Energy
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
			40											:		- :	
US	MRO	-	AC	100-120	115	315	6	2016 Lake Marion	Lake Marion Tap	2.4 OH	Р	W	795 ACSS	1	0	1	7570 Great River Energy
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
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US	MRO	-	AC	100-120	115	315	6	2016 New Market	Helena	15.0 OH	Р	W	795 ACSS	1	0	1	7570 Great River Energy
US	MRO	-	AC	100-120	115	315	6	2018 Brownton	McLeod	9.0 OH	P	W	795 ACSS	1	0	1	7570 Great River Energy
US	MRO				115	142	6	2018 Little Falls			D	w	477 ACSR	4	0	4	
		-	AC	100-120			-		Lastrup	12.0 OH	Р			1	-	1	7570 Great River Energy
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
US	MRO		AC			142	-	2018 MN Pipeline		4.0 OH	P	W				4	
		-	AC	100-120	115		6		MN Pipeline Tap		r		477 ACSR	1	0	- 1	7570 Great River Energy
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
US	MRO		AC	100-120	115	142	6	2018 Shell Lake		6.0 OH	P	W	477 ACSR	4	0	4	7570 Great River Energy
		-	AC						Osage		-			1		- 1	
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
US	MRO		AC	100-120	115	142	6	2018 Potato Lake	Shell Lake	17.0 OH	D	W	477 ACSR	- 1	0	4	7570 Great River Energy
		-					-				_				-	1	
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
US	MRO	_	AC	100-120	115	315	6	2019 Albany	West St. Cloud	17.0 OH	P	W	795 ACSS	4	0	1	7570 Great River Energy
		-	AU								_			1		1	
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
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
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
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	1	1	8245 Hastings Utilities
															- :	- :	
US	MRO	-	AC	100-120	115	240	10	2010 WEC Sub	NPPD-Hastings South St	3.5 OH	Р	W	954 "Rail" ACSR	1	1	1	8245 Hastings Utilities
US	MRO	-	AC	151-199	161	446	6	2010 Fernald	Story Co	7.0 OH	P	S	T2-795 ACSR	1	1	1	ITC Midwest
	MRO															- :	
US		-	AC	151-199	161	446	6	2010 Story Co	Highland Acres	20.5 OH	Р	S	T2-795 ACSR	1	1	1	ITC Midwest
US	MRO	-	AC	100-120	115		6	2010 Fernald	Marshalltown	-30.8 OH							ITC Midwest
	MRO		,.c	151-199		201					D	S	T2 207 ACCD		2	2	ITC Midwest
US		-	AC		161	291	6	2010 Highland Acres	Timber Creek	1.6 OH	Р		T2-397 ACSR	1	2	2	
US	MRO	-	AC	151-199	161	326	6	2010 Highland Acres	Timber Creek	2.6 OH	P	S	T2-477 ACSR	1	1	1	ITC Midwest
	MRO		AC			446					P	S				4	
US		-		151-199	161		12	2013 Ames	Fernald	6.0 OH			T2-795 ACSR	1	1	1	ITC Midwest
US	MRO	-	AC	151-199	161	446	12	2013 Boone Jct	Ames	8.4 OH	P	S	T2-795 ACSR	1	1	1	ITC Midwest
US	MRO		A.C	151-199	161	326	42		Ames	4.7 OH	D	Š	T2-477 ACSR		2	2	ITC Midwest
		-	AC			326	12	2013 Boone Jct			Р	5	12-4// AUSK	1	2	2	
US	MRO	-	AC	100-120	115		12	2013 Ames	Fernald	-6.0 OH							ITC Midwest
US	MRO		AC	100-120	115		12	2013 Boone Jct	Ames	-13.1 OH							ITC Midwest
US	IVIRU	-	AC	100-120	115		12	ZU13 DUUNE JUL	Ailles	-13.1 UH							TTC Wildwest

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	- 1	100
US	MRO	-	AC	100-120	115		12	2013 Boone	Boone Jct	-5.2 OH								ITC Midwest	1	100
US	MRO		AC	151-199	161	291	12	2013 Grand Jct	Boone	20.4 OH	P	S	T2-397 ACSR		1	1	4	ITC Midwest	i i	100
US	MRO		AC	100-120	115	231	12	2013 Grand Jct	Boone	-20.4 OH		U	12-331 AOOK					ITC Midwest	- 1	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	1	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	1	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	1	100
US	MRO		AC	151-199	161	326	6	2010 Maquoketa	Grand Mound	2.0 OH	P	S	T2-477 ACSR			-	-	ITC Midwest	- 1	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	- 1	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		100
US	MRO	_	AC	151-199	161	446	12	2014 Iowa Falls Industrial	Wellsburg	23.2 OH	Р	S	T2-795 ACSR		1	1	1	ITC Midwest		100
US	MRO		AC	151-199	161	446	12	2014 Wellsburg	Marshalltown	23.8 OH	P	S	T2-795 ACSR					ITC Midwest		100
		-																		
US	MRO	-	AC	151-199	161	300	12	2014 Wellsburg	Marshalltown	2.7 OH	P	S	954 ACSR		1	2	2	ITC Midwest		100
US	MRO	-	AC	100-120	115		12	2014 Iowa Falls	Iowa Falls Industrial Tap	-1.2 OH								ITC Midwest		100
US	MRO	-	AC	100-120	115		12	2014 Iowa Falls Industrial Ta	ıı Eldora	-10.7 OH								ITC Midwest		100
US	MRO	_	AC	100-120	115		12	2014 Iowa Falls Industrial	Iowa Falls Industrial Tap	-1.5 OH								ITC Midwest		100
	MRO																			
US		-	AC	100-120	115		12	2014 Eldora	Wellsburg	-11.0 OH								ITC Midwest		100
US	MRO	-	AC	100-120	115		12	2014 Wellsburg	Marshalltown	-26.5 OH								ITC Midwest		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		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		100
US	MRO	_	AC	300-399	345	1195	12	2012 Salem	Hazleton	27.0 OH	P	Š	T2-477 ACSR		2	1	1	ITC Midwest		100
	MRO										P									
US		-	AC	300-399	345	1195	12	2012 Salem	Hazleton	54.0 OH		S	T2-477 ACSR		2	2	2	ITC Midwest		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		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		100
US	MRO	_	AC	151-199	161	326	12	2012 Downtown Network	PCI	4.0 OH	Р	S	T2-477 ACSR		1	2	2	ITC Midwest		100
US	MRO		AC	151-199	161	446	12	2013 Heron Lake	Cottonwood	5.7 OH	P	S	T2-795 ACSR			2	2	ITC Midwest		100
	MRO	-				446					P					-	-			
US		-	AC	151-199	161		12	2013 Heron Lake	Cottonwood	11.5 OH		S			1	1	1	ITC Midwest		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		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	Р	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		T2-397.5 ACSR		-		- 1	11018 LES	M	100
		-										S			1	1	1			
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	- 1	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	1	100
US	MRO	_	AC	151-199	161	318	6	2012 Sub 39	Colona Rd	0.4 OH	P.	Š	T2-556 ACSR		i	2	2	12341 MEC	i	100
	MRO										н	S			2	-	-		- 1	
US		-	AC	300-399	345	1195	6	2014 Raun	Sioux City	23.0 OH			T2-556 ACSR		-	1	1	12341 MEC		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	- 1	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	1	100
US	MRO	_	AC	151-199	161	410	6	2016 N Grimes	Grimes Tap	0.1 OH	Р	S	T2-556 ACSR		1	2	2	12341 MEC	1	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	- 1	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	- 1	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	- 1	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	1	100
US	MRO		AC	151-199	161	410	6	2018 Sycamore	Boston	0.1 OH	P	Š	T2-556 ACSR		1	2	2	12341 MEC	i i	100
US	MRO		AC	151-199	161	410	6	2018 Boston	Forest & Vermont	0.1 OH	P	S	T2-556 ACSR		4	2	2	12341 MEC	- 1	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	- 1	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	- 1	100
LIS	MRO	_	AC	151-199	161	410	12	2012 Crawford County	Wind Juction	34.0 OH	P	S	T2-556 ACSR		1	1	1	12341 MEC	1	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 i	9.3
US	MRO		AC	200-299	230	465	12	2011 Cass Lake	Boswell	50.0 OH	H	w	954 ACSR		1		- 1	12647 CAPX Partnership	- 1	9.3
		-													1	1	1			
US	MRO	-	AC	200-299	230	629	9	2010 Bison	Square Butte	22.2 OH	Н	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	Н	W	1590 ACSR		1	1	1	12647 Minnesota Power	- 1	100
US	MRO	-	AC	200-299	230	632	6	2011 Essar Mine Substation	Essar Steel Substation	2.0 OH	н	W	1590 ACSR		1	1	1	12647 Minnesota Power	1	100
US	MRO	_	AC	200-299	230	423	10	2013 Essar Steel Substation		8.0 OH	H	w	1590 ACSR		1	1	1	12647 Minnesota Power	i	100
US	MRO					470	6			18.0 OH	H	w	954 ACSR		1		- 1	12647 Minnesota Power	- 1	
		-	AC	200-299	230			2011 Essar Steel Substation							1	1	1			100
US	MRO	-	AC	121-150	138	219	12	2010 Skibo	Hoyt Lakes	2.2 OH	Н	W	636 ACSR		1	1	1	12647 Minnesota Power	1	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	- 1	100
US	MRO	-	AC	100-120	115	182	11	2011 Savanna Tap	Savanna Substation	1.1 OH	Н	W	636 ACSR		1	1	1	12647 Minnesota Power	1	100
US	MRO	-	AC	100-120	115	182	6	2011 Boswell	Nashwauk	0.0 OH	H	w	636 ACSR		1	1	1	12647 Minnesota Power	1	100
US	MRO		AC	100-120	115	223	10	2010 Steele City	Knob Hill	35.0 OH	P	W	T2-477 ACSR		1	1	4	13337 NPPD	S	7
											P				1	1	4		•	
US	MRO	-	AC	100-120	115	266	6	2012 Twin Church	South Sioux City	7.0 OH		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	Fricson	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	4	13337 NPPD	ē	36
	MRO					174		2012 Clarks			P					1	4	13337 NPPD	0	
US		-	AC	100-120	115		11		Central City North	10.0 OH		W	T2-477 ACSR		1	1	1	10001 1411 2	S	100
US	MRO	-	AC	100-120	115	180	12	2012 Substation F	St. Libory Junction	7.0 OH	P	S	336 T2 ACSR			1	1	40606 Grand Island	M	100
US	MRO	-	AC	100-120	115	142	4	2011 WAPA Letcher Jct	Mitchell Transmission	12.0 OH		Pol Wood	556 ACSR	Single		1	1	13809 NorthWestern Energy	1	100
US	MRO	_	AC	300-399	300-399		6	2015 Brookings County Sub	Lvon County Sub	58.0 OH	TBD	TBD	TBD TBD		2	1	2	14232 CAPX Partnership	1	Varies
US	MRO	_	AC		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
	MRO	-					-								-	-	_		1	
US		-	AC		300-399		6	2015 Cedar Mountain Sub	Helena Switch Station	62.0 OH	TBD	TBD	TBD TBD		2	2	2	14232 CAPX Partnership	1	Varies
US	MRO	-	AC		300-399		6	2015 Helena Switch Station	Lake Marion	28.0 OH	TBD	TBD	TBD TBD		2	1	2	14232 CAPX Partnership	1	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	1	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	1	Varies
US	MRO	_	AC		300-399		6	2015 Eyon County Cub 2015 Hazel Creek Sub	MN Valley Sub	5.0 OH	TBD	TBD	TBD TBD		1	1	2	14232 CAPX Partnership	i	Varies
		•														1			- :	
US	MRO	-	AC		300-399		3	2015 Bison 345 kV Sub	Alexandria Switch Station	150.0 OH	TBD	TBD	TBD TBD		2	1	2	14232 CAPX Partnership	1	Varies
US	MRO	-	AC		300-399		3	2015 Alexandria Switch Stati	c Quarry (St. Cloud) Sub	90.0 OH	TBD	TBD	TBD TBD		2	1	2	14232 CAPX Partnership	1	Varies
US	MRO	-	AC	300-399	300-399		3	2015 Quarry (St. Cloud) Sub	Monticello 345 kV Sub	40.0 OH	TBD	TBD	TBD TBD		2	1	2	14232 CAPX Partnership	1	Varies
US	MRO	_	AC	151-199	161	302	1	2011 Byron Sub	RPU Westside Sub	7.0 OH	Р	С	954 ACSR		1	1	2	40580 SMMPA	0	100
US	MRO	_	AC	100-120	115	142	12	2010 Westside Sub	Fast Sub	5.0 OH	P	w	477 ACSR		1	0	1	40580 SMMPA	0	100
US	MRO	-	AC	200-299	230	174	12	2010 Westside Sub 2014 Big Bend	Lower Brule	4.1 OH	'	**	1272 ACSR		1	2	2	10000 OIVIIVII A	0	100
		-													1	-	-			
US	MRO	-	AC	200-299	230		12	2014 Fort Thompson	Lower Brule	4.1 OH			1272 ACSR		1	2	2			100
US	NPCC	New En	ıglanı AC	300-399	345	1275	1	2011 Vernon S/S	Newfane S/S	18.0 OH	Pole	W	954 ACSR		2	1	1	19899 VELCO	1	100

US U	NPCC NPCC NPCC NPCC NPCC NPCC NPCC NPCC	New Englan AC Ne	300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.399 300.390	345 345 345 345 345 345 345 345 345 345	1275 2172 2172 1153 1545 2420 2420 2420 2420 2420 2420 2451 2151 2151 2151 2151 2151 2151 2151	1 1 1 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2010 2010 2010 2010 2010 2010 2010 2010	1 Rumford Industrial Pari 2 Orrington 2 Coopers Mills 2 Larrabee Road 2 Larrabee Road 2 Livermore Falls 2 Uwman Hydro 4 Brayton Point Station 1 Millbury 1 King St 1 Otter River 2 Worth Bioomingdale 4 Somerset 2 West Walpole 0 Station 13A 0 Farragut 0 Farragut 0 Spier 0 Luther Forest (New Sta 0 Mohican 0 Luther Forest (New Sta	Coopers Mills Highland Lewiston Lower Livermore Falls Rumford IP Rice Rips Tap Somerset Tower West Amesbury East Winchendon Vernon Bell Rock Holbrook Station 135 East 13th Street East 13th Street Luther Forest (New Statir Rotterdam Luther Forest (New Statir Luther Forest (New Statir Kontri North	24.1 20.4 39.0 0.0 6.9 7.2 5.7 3.6 0.0 0.0 32.2 2.0 19.9 93.0 17.9	OH O	P W P W Davit Arm Primarily TBD TBD Delta S Davit Arm S H W&S PVC Duct PVC Duct TBD TBD 1	2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 2-1590 3-	GOLACSR, CL ACSR ACSR MACSR TBD ACSR ACSR ACSR ACSR MI CU TBD TBD TBD TBD	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	'A A A A A A A A A A A A A A A A A A A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1989 VELCC 13433 NEP 13433 NEP 13433 NEP 13433 NEP 14176 CL&P 4176 CL&P 4176 CL&P 4176 CL&P 20455 WMEC 3266 CMP			100 100 100 100 100 100 100 100 100 100
US US US US	RFC RFC RFC RFC RFC	- AC - AC - AC - AC	300-399 300-399 300-399 200-299 400-599	345kV	1244/1411 1244/1411 2338	02 03 03 06	2010 2010 2010 2010 2010	Crescent Brunot Island Collier Burtonsville Delta (IPP P04)	Brunot Island Arsenal Brunot Island Sandy Spring Peach Bottom	17.10 6.40 7.33 12.00 4.00	OH UG OH OH	Tower Tower Steel Po		ACAR 3 (CSR/ACA ACSR	2 2 2	2	2 2	5487 5487 5487 4188 onectiv	DLCO DLCO DLCO PEPCO Mid-Merit, LLC - PEC	 	100.0 100.0 100.0
US US US US	RFC RFC RFC RFC	- AC - AC - AC - AC	400-599 400-599 200-299 200-299 300-399	500kV 500kV 230kV 230kV 345kV	528 379 1400	11 12 12 12	2010 2010 2010 2010 2010	Prexy Nottingham/PB Cooper Gibson	502 Junction Cooper Graceton Brown	20.00 -0.05 -0.05 37.00	OH OH OH OH	Steel Tow Steel Tow Steel Pole	1113 re 795 re 795	ACSR ACSR ACSR ACSR ACSR	2 3 1 1 2	1 1 1	1 1 1	14940	TrAILCo PECO PECO - BGE SIGE	 	100.0
US US US US	RFC RFC RFC RFC	- AC - AC - AC	300-399 200-299 200-299 200-299	345kV 230kV 230kV 230kV	1207 1207 1088	06 06 06 06	2011 2011 2011 2011	Arsenal Island Road Penrose Grays Ferry	Logans Ferry Penrose Grays Ferry Peltz	0.1 0.1 0.06	UG/OH OH OH OH	Steel Po Steel Po Steel Po	le 1590 le 1590 le 1590	ACSR ACSR ACSR	2 2 2	1 1 1	1 1 1	5487 14940 14940 14940	DLCO PECO PECO PECO	 	100.0 100.0 100.0 100.0
US US US US	RFC RFC RFC RFC RFC	- AC - AC - AC - AC	200-299 400-599 400-599 200-299 200-299	230kV 500kV 500kV 230kV 230kV	1207 2338 2338 1245 1245	06 06 06 06	2011 2011 2011 2011 2011	Grays Ferry/Penrose Whitpain Center Point Upper Providence/Perk Center Point	Peltz Center Point Elroy i Center Point North Wales	0.1 0.000 0.000 -0.050 -0.050	OH OH OH OH	Steel Po Steel Tow Steel Tow Steel Po Steel Po	re 2493 re 2493 le 1590	ACSR ACAR ACAR ACSR ACSR	2 2 2 2 2	1 1 1	1 1 1	14940 14940 14940 14940 14940	PECO PECO PECO PECO PECO	 	100.0 100.0 100.0 100.0 100.0
US US US	RFC RFC RFC RFC	- AC - AC - AC - AC	200-299 200-299 200-299 400-599	230kV 230kV 230kV 230kV 500kV	1245	06 06 06 06	2011 2011 2011 2011 2011	Glade Athenia Roseland Meadowbrook	Forest Bergen Kearny Loudoun	1.72 9.70 22.00 26.00	OH UG OH	Steel FU	1113		3		'	14340	PENELEC PSEG PSEG TrAILCo	ı	100.0
US US US	RFC RFC RFC RFC	- AC - AC - AC	400-599 400-599 200-299 200-299	500kV 500kV 230kV 230kV		06 06 12 03	2011 2011 2011 2012	Mt. Storm Mt. Storm Orchard Piney Grove	502 Junction Meadowbrook Cumberland Mt. Olive	60.00 59.28 2.00 6.00	OH OH OH		1113 1113		3				TrAILCo TrAILCo AE DPL		100
US US US US	RFC RFC RFC RFC RFC	- AC - AC - AC - AC - AC	200-299 200-299 400-599 400-599 300-399	230kV 230kV 500kV 500kV 345kV	2800/3600 2800/3600 1559/1899	04 04 06 06 06	2012 2012 2012 2012 2012	Monocacy Ringgold Cranberry Cranberry G689	Catoctin Catoctin Cabot Wylie Ridge Sammis	20.60 9.80 0.10 0.10 7.25	OH OH OH	Steel Tow Steel Tow Steel Tow	e 954 re 954	ACSR ACSR ACSR ACSR	4 per phase 4 per phase 2 per phase	0 0 1	1 1 1		AP AP FE FE FE	 	100.0 100.0 100
US US US US	RFC RFC RFC RFC RFC	- AC - AC - AC - AC	300-399 400-599 400-599 400-599 200-299	345kV 500kV 500kV 500kV 230kV	1559/1899	06 06 06 06	2012 2012 2012 2012 2012	G689 Keystone Jacks Mountain Conemaugh Richie	Highland Jacks Mountain Juniata Jacks Mountain Benning	44.80 85.52 32.82 89.48 2.00	OH OH OH OH	Steel Tow	re 954	ACSR	2 per phase	1	1		FE PENELEC PENELEC PENELEC PEPCO	I	100 100 100 100
US US US	RFC RFC RFC RFC	- AC - AC - AC	400-599 200-299 200-299 400-599	500kV 230kV 230kV 500kV	514 3005	06 06 06 06	2012 2012 2012 2012	Susquehanna Hudson Hudson Montville	Roseland South Waterfront Essex Jefferson	146.00 3.50 6.30 15.10	OH UG OH OH							15477	PSEG PSEG PSEG PSEG	!	100 100 100
US US US	RFC RFC RFC	- AC - AC - AC	400-599 300-399 400-599	500kV 345kV 500kV	3005 1400 1828	06 06 12	2012 2012 2012	Jefferson Reid Calvert Cliffs	Bushkill Brown Vienna	22.30 24.50 35.00	OH OH	Steel Pole □H	-F 954	ACSR	2	1	1	15477 17633 5027	PSEG SIGE DPL		100.0

US	RFC	- AC	400-599	500kV	1828	12	2012	Vienna	Indian River	35.10	ОН							5027	DPL	1	
US	RFC	- AC	200-299	230kV	653	05	2013	Brunner Island	West Shore	16.00	ОН	S	1590	ACSR	1	2	2	3021	PL		
US	RFC	- AC	200-299	230kV		06	2013	Carroll	Catoctin	12.70	OH		1272	ACSR					AP		
US US	RFC RFC	- AC	400-599 300-399	500kV 345kV		06 06	2013 2013	Chalk Point Brady	Calvert Cliffs Carson	18.40 1.50	OH							5487	BGE DLCO		100 100.0
US	RFC	- AC	300-399	345kV 345kV		06	2013	Brunot Island	Brady	5.00	UG							5487 5487	DLCO	-	100.0
US	RFC	- AC	200-299	230kV		06	2013	Vienna	Loretto	16.00	ОH								DPL		
US	RFC	- AC	200-299	230kV		06	2013	Loretto	Piney Grove	6.00	OH	0		4000					DPL		
US US	RFC RFC	- AC	300-399 300-399	345kV 345kV	1380/1646 1380/1646	06 06	2013 2013	Chamberlin Hanna	Hanna Mansfield	26.00 52.00	OH	Steel Pole Steel Pole	954 954	ACSR ACSR	2 per phase 2 per phase	0	2		FE FE	- !	100.0 100.0
US	RFC	- AC	200-299	230kV	166	06	2013	Bradford/Clay Tap	Clay	6.95	OH	Steel Tower/ Ste	795	ACSR	2 pei pilase 1	1/2	1/2	14940	PECO	i	100.0
US	RFC	- AC	200-299	230kV	166	06	2013	Colora/Clay Tap	Clay	0	ОН	Steel Tower/ Ste	795	ACSR	1	1/2	1/2	14940	PECO	i	
US	RFC	- AC	400-599	500kV		06	2013	Calvert Cliffs	Salem	45.00	OH								PEPCO		
US	RFC RFC	- AC	400-599 400-599	500kV 500kV	3005	06 06	2013 2013	Possum Point Roseland	Calvert Cliffs Hudson	24.00 20.00	OH								PEPCO PSEG		100
US	RFC	- AC	200-299	230kV	3003	06	2013	Bergen	Marion	10.20	OH								PSEG		100
US	RFC	- AC	400-599	500kV		06	2013	Branchburg	Roseland	29.90	ОН								PSEG		
US	RFC	- AC	200-299	230kV		06	2013	Sewaren	Woodbridge	3.40	OH	0							PSEG		
US US	RFC RFC	- AC	300-399 300-399	345kV 345kV	1219 1235	06 06	2014 2014	Don Marquis North Fork	North Fork Bixbv	0.00	OH	Steel Towe Steel Towe	983 983	ACAR ACAR	2	1	1	14006 14006	AEP AEP	-	100.0 100.0
US	RFC	- AC	200-299	230kV	1200	06	2014	Elko	Carbon Center Jct	5.79	ОН	Older Towe	1272	ACSR	-			14000	AP		100.0
US	RFC	- AC	200-299	230kV		06	2014	Bear Run	Carbon Center Jct	4.00	ОН		1272	ACSR					AP		
US	RFC	- AC	200-299	230kV		06	2014	Carbon Center	Carbon Center Jct	0.10	OH		1272	ACSR					AP		400
US	RFC RFC	- AC	200-299 200-299	230kV 230kV		06 06	2014 2014	Conastone Graceton	Graceton Bagley	8.60 13.80	OH		1590	ACSR					BGE BGE		100 100
US	RFC	- AC	200-299	230kV		06	2014	Raphael Road	Bagley	5.90	ОН		1000	ACCIN					BGE		100
US	RFC	- AC	200-299	230kV		06	2014	Vienna	Steele	28.00	ОН								DPL		100
US	RFC	- AC	600+	765kV	6500	06	2014	Amos	Welton Spring	175.00	OH		957.2	ACSR/TW		1	1		PATH	1	100
US US	RFC RFC	- AC	600+ 200-299	765kV 230kV	6500	06 06	2014 2014	Welton Spring West Orange	Kemptown Roseland	100.00 4.50	OH		957.2	ACSR/TW	6	1	1		PATH PSEG	I	100 100
US	RFC	- AC	200-299	230kV		06	2014	West Orange	Roseland	4.50	OH								PSEG		100
US	RFC	- AC	200-299	230kV		06	2014	Roseland	Sewaren	29.80	ОН								PSEG		100
US	RFC	- AC	200-299	230kV		06	2014	Camden	Burlington	13.70	OH								PSEG		100
US	RFC RFC	- AC	200-299	230kV 230kV	653	06	2014 2014	Camden Jenkins	Cuthbert Blvd. Stanton	4.50 8.55	UG OH	steel tower	1590	ACSR	4/	0 (2		PSEG PL		100
US US	RFC RFC	- AC	400-299	500kV	1828	11 12	2014	Indian River	Salem	80.00	OH	steel tower	1590	AUSR	1/c per phase	2 (note 1)	2	5027	DPL	1	100
US	RFC	- AC	200-299	230kV		05	2015	Vienna	Sharptown	12.00	ОН								DPL		
US	RFC	- AC	400-599	500kV		12	2015	Calvert Cliffs	Calvert Cliffs (new)	1.00	ОН								BGE		
US US	RFC RFC	- AC	300-399 300-399	345kV 345kV	1370/1646 1370/1646	06 06	2017 2017	Allen Junction Fulton	Fulton Midway	14.63 24.28	OH	Wood Pole Wood Pole	954 954	ACSR ACSR	2 per phase 2 per phase	2	2		FE FF	!	100.0 100.0
US	RFC	- AC	300-399	345kV	1542/1878	06	2017	Beaver	Hayes	32.90	OH	Steel Towe	954	ACSR	2 per phase	2	2		FE	i	100.0
US	RFC	- AC	300-399	345kV	1542/1878	06	2018	Davis Besse	Hayes	32.00	ОН	Steel Towe	954	ACSR	2 per phase	2	2		FE	i	100
US	RFC	- AC	300-399	345kV		12	2019	Byron Station 6	Wayne TSS144	0.00	OH								CE		100
US US	RFC RFC	- AC	300-399 300-399	345kV 345kV		12 12	2019 2019	Byron Station 6 Byron Station 6	Wayne TSS144 Nelson TSS155	0.00	OH								CE CE		100 100
US	RFC	- AC	300-399	345kV		12	2019	Kewanee	Nelson TSS155	51.00	OH								CE		100
US	RFC	- AC	300-399	345kV		12	2019	Kewanee	Collins	0.00	ОН								CE		100
US	SERC	Southeaster AC	100-120	115		6		1 Arkwright	Gordon	0.0 C		single pole concrete			Single	1	1		eorgia Power Company		100
US US	SERC SERC	Southeaster AC Southeaster AC	100-120 100-120	115 115		6		Belleville Belleville	Castleberry Jct Repton	0.0 C		H-frame wood H-frame wood		7 ACSR 7 ACSR	Single Single	1	1		owerSouth Energy Coopera		100 100
US	SERC	Southeaster AC	200-299	230		7		0 Bethabara	Clarksboro	15.0 C		single pole combination		1 ACSR	Single	i	1		eorgia Transmission Corpc		100
US	SERC	Southeaster AC	100-120	115	251	12	201	0 Brentwood	Fairfield	1.7 C	DΗ	single pole concrete	1033	3 ACSR	Single	2	2	7801 G	ulf Power Company		100
US	SERC	Southeaster AC	100-120	115		5		0 Brentwood	Pine Forest	0.0 C		single pole concrete		3 ACSR	Single	1	1		ulf Power Company		100
US US	SERC SERC	Southeaster AC Southeaster AC	100-120 100-120	115 115		6		Brundidge Brundidge City	Brundidge City Clio	0.0 C		H-frame wood H-frame wood		7 ACSR 7 ACSR	Single Single	1	1		owerSouth Energy Coopera owerSouth Energy Coopera		100 100
US	SERC	Southeaster AC	100-120	115		6		Brundidge Ind	Brundidge Sw	0.0 C		H-frame wood		ACSR	Single	i	1		owerSouth Energy Coopera		100
US	SERC	Southeaster AC	100-120	115	579	3		0 C.A.E.S.	McIntosh	0.0 C	DН	H-frame wood	795	5 Other	Double	1	1		labama Power Company		100
US	SERC	Southeaster AC	100-120	115		6		0 C.A.E.S.	McIntosh	0.0 C		H-frame wood		Other	Double	1	1		labama Power Company		100
US	SERC	Southeaster AC Southeaster AC	100-120 100-120	115 115		4		0 CAES Unit 4 0 CAES Unit 5	CAES Sw CAES Sw	1.0 C		single pole concrete single pole concrete		5 ACSR 5 ACSR	Single Single	1	1		owerSouth Energy Coopera		100 100
US	SERC	Southeaster AC	100-120	115		9		Coffee Springs Jct	Coffee Springs	4.0 C		single pole concrete		ACSR ACSR	Single	i	1		owerSouth Energy Coopera		100
US	SERC	Southeaster AC	200-299	230	602	6		East Lake Road	Jackson Creek	9.0 C		single pole combination		1 ACSR	Single	1	1		eorgia Transmission Corpc		100
US	SERC	Southeaster AC	200-299	230		6		0 East Lake Road	Ola	0.0 C		single pole concrete		1 ACSR	Single	1	1		eorgia Transmission Corpc		100
US	SERC SERC	Southeaster AC	100-120	230		6 8		East Social Circle Florida Con Ton	East Social Circle Junctic	0.0 0		single pole steel		1 ACSR	Single	1	1		eorgia Power Company		100
US US	SERC	Southeaster AC Southeaster AC	100-120 200-299	115 230		6		Florida Gas Tap Jim Moore Road	Florida Gas Sharon Church	1.0 C		Unknown Unknown single pole other		5 ACSR 1 ACSR	Single Single	1	1		labama Power Company eorgia Transmission Corpc		100 100
US	SERC	Southeaster AC	200-299	230		6		1 Kiln	Carriere SW	0.0 C		H-frame concrete		1 ACSR	Single	1	1		ississippi Power Company		100
US	SERC	Southeaster AC	200-299	230		6		1 Kiln	Carriere SW	0.0 C		H-frame concrete		1 ACSR	Single	1	1	12686 M	ississippi Power Company		100
US	SERC	Southeaster AC	100-120	115		5		0 Lay Dam	Mitchell Lake	0.0		tower steel		Other	Single	1	1		labama Power Company		100
US	SERC SERC	Southeaster AC Southeaster AC	100-120 100-120	115 115		6		McWilliams McWilliams	Evergreen Victoria	0.0 0		H-frame wood H-frame wood		7 ACSR 6 ACSR	Single Single	1	1		owerSouth Energy Coopera		100 100
US	SERC	Southeaster AC	100-120	115		10		9 Mitchell Lake	Mitchell Dam	0.0 C		tower steel		5 Other	Single	1	1		labama Power Company		100
US	SERC	Southeaster AC	100-120	115	119	10	200	9 Offerman	Gilman Paper	0.0 C	DH	single pole concrete	336.4	4 Aluminum	Single	i	1	7140 G	eorgia Power Company		100
US	SERC	Southeaster AC	100-120	115		6		9 Swainsboro	Nunez Tap	0.0		single pole wood		7 ACSR	Single	1	1		eorgia Power Company		100
US	SERC SERC	Southeaster AC	100-120	115		5		0 Three Rivers Road	Vestry Tap	0.0 0		H-frame wood		7 ACSR	Single	1	1		ississippi Power Company		100
US US	SERC	Southeaster AC Southeaster AC	100-120 100-120	115 230		3 6		0 Trickem Jct 0 Union Point	Trickem Warrenton	1.0 C		H-frame concrete H-frame steel		7 ACSR 1 ACSR	Single Single	1	1		owerSouth Energy Coopera unicipal Electric Authority of		100 100
US	SERC	Southeaster AC	151-199	161		6		0 White Oak SS	Polkville	7.0 C		single pole concrete		ACSR	Single	1	1		outh Mississippi Electric Pc		100
US	SERC	Southeaster AC	100-120	115		6		1 Atkinson	Northside Drive	0.0		single pole steel		ACSR	Single	1	1		eorgia Power Company		100
US US	SERC SERC	Southeaster AC Southeaster AC	200-299 100-120	230 115		5 5		3 Autaugaville 6 0 Barnwell Tap	Autaugaville 8 Barnwell	1.0 C		Unknown Unknown		Other ACSR	Double Single	1	2		labama Power Company		100
US							202					single pole combination				1	- 1		abama Power Company		100
	SERC	Southeaster AC	100-120	115	216	5	201	6 Barnwell Tap	Turkey Hill	3.0 0)H	Unknown Unknown	795	5 ACSR	Single	1	- 1	195 A	abama Power Company		100
US	SERC SERC	Southeaster AC Southeaster AC	100-120 200-299	115 230		5 6	201	3 Barry	Turkey Hill Chickasaw	3.0 C		Unknown Unknown tower other		3 Other	Single Double	1	1		abama Power Company abama Power Company		100 100
US US	02.10				1243		201				DH		1033			1 1 1	1 1 1	195 A			

US	SERC	Southeaster AC	200-299	230	602	6	2014 Bethabara	East Walton	8.0 OH	single pole combination	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpc	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.	Lynndell D.S.	8.0 OH	Unknown Unknown	795 Other	Single	i .	- 1	195 Alabama Power Company	100
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US	SERC	Southeaster AC	100-120	115	122	5	2021 Big Creek T.S.	Tanner Williams	0.0 OH	Unknown combination	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 combination	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpc	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
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US	SERC	Southeaster AC	100-120	115	243	6	2015 Brewton Tap	Flomaton	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 Corpc	100
US	SERC	Southeaster AC	100-120	115	454	5	2013 Bynum	Anniston	0.0 OH	Unknown combination	1351 Other	Single	1	1	195 Alabama Power Company	100
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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 combination	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
	SERC	Southeaster AC	100-120		138	5			0.0 OH				:	- :	195 Alabama Power Company	100
US				115			2020 Colonial Pipeline (Mour			single pole steel	397.5 ACSR	Single	1	1		
US	SERC	Southeaster AC	100-120	115	383	5	2020 Colonial Pipeline (Mour	n Eutaw	12.0 OH	single pol∈steel	1033 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2020 Colonial Pipeline (Mour	n 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 Dinalina (Mauna	3.0 OH	single pole steel	1033 Other	Single	4	4	195 Alabama Power Company	100
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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 Corpc	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 Corpc	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 Coopera	100
													:	- :	7407 Occasio Tecnosio de Occasio	
US	SERC	Southeaster AC	100-120	115	216	6	2012 Daniel Siding	Burnt Church	0.0 OH	Unknown Unknown	795 ACSR	Single	1	1	7197 Georgia Transmission Corpc	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 Demonolis TS	Cemex	0.0 OH	single polesteel	795 ACSR	Single		- 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 combination	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpc	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 Corpc	100
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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 combination	1033 ACSR	Single	1	- 1	195 Alabama Power Company	100
	02.10												:	:		
US	SERC	Southeaster AC	200-299	230	485	5	2014 Gaston	Stoney Point	0.0 OH	tower combination	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 Coopera	100
US	SERC	Southeaster AC	200-299	230	807	10	2009 Gorgas	Miller Scrubber	0.0 OH	tower combination	1351 ACSR	Single	1	1	195 Alabama Power Company	100
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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
	SERC				167									- 1		100
US		Southeaster AC	100-120	115		2	2011 Hammock Bay Jct	Hammock Bay	1.0 OH	single pole concrete	557 ACSR	Single	1	1	189 PowerSouth Energy Coopera	
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 combination	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	4	- 1	195 Alabama Power Company	100
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US	SERC	Southeaster AC	200-299	230	807	5	2019 Holt	Tuscaloosa	0.0 OH	single pol∈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 Corpc	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 Corpc	100
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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	
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 Coopera	100
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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 Kronospan	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 combination	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	4	-	189 PowerSouth Energy Coopera	100
03				130									!			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 Monta	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
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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 combination	398 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	218	6	2011 Miflin	Wolf Bay	0.0 OH	single pole concrete	795 ACSR	Single	1	1	189 PowerSouth Energy Coopera	100
US	SERC	Southeaster AC	100-120	161	300	6	2011 Miflin Switch	Josephine TP	5.0 OH	single pole concrete	1033 ACSR	Single	4	4	189 PowerSouth Energy Coopera	100
													!			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 Moundbille Tap	Moundville	2.0 OH	single pole steel	1033 Other	Single	1	1	195 Alabama Power Company	100
	SERC					5								- 1		
US		Southeaster AC	100-120	115	383		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 combination	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
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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
					341	-							1	- :		
US	SERC	Southeaster AC	100-120	115		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 pol∈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		- 1	- 1	195 Alabama Power Company	100
												Single	1	1		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 (Dawes Tap)	0.0 OH	H-frame wood	795 Other	Single	1	1	195 Alabama Power Company	100
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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 pol∈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 Coopera	100
					138				2.0 OH				;	- 1		100
US	SERC	Southeaster AC	100-120	115		3	2012 Old Pascagoula Tap	Old Pascagoula Rd		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	Slocomb 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	2013 Pinedale	ECI Halstead	0.0 OH	H-frame combination	795 ACSR	Single	1	4	195 Alabama Power Company	100
													1	1		100
US	SERC	Southeaster AC	200-299	230	1205	6	2011 Plant McDonough CC	Plant McDonough (black	1.0 OH	single pole steel	1351 ACSR	Double	2	2	7140 Georgia Power Company	100

US	SERC	Southeaster AC	200-299	230	1205	6	2011 Plant McDonough CC	Plant McDonough (white	1.0 OH	single pol∈steel	1351 ACSR	Double	2	2	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	383	5	2020 Plantation Pipeline (Aki	rı Futaw	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
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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 Coopera	100
US	SERC	Southeaster AC	100-120	115	290	12	2014 Racetrack D.S.	Lott Road	4.0 OH	Unknown Unknown	795 Other	Single	4	4	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	5	2020 Silverhill	Fish River Tap	0.0 OH	single pole combination	795 ACSR	Single	1	4	195 Alabama Power Company	100
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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 Snowdoun TS	Pike Co	0.0 OH	Unknown Unknown	1033 ACSR	Single	1	1	195 Alahama Power Company	100
					138	6								4		100
US	SERC	Southeaster AC	100-120	115			2010 Sokol Park DS	Carolls Creek Tp	1.0 OH	single pole steel	398 ACSR	Single	1	1	195 Alabama Power Company	
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 Monta	Pinedale	0.0 OH	H-frame combination	795 ACSR	Single	4	4	195 Alabama Power Company	100
													!	!		100
US	SERC	Southeaster AC	100-120	115	135	5	2014 South Selma	Alamet Tap	0.0 OH	single pole combination	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 combination	795 ACSR	Single	4	4	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	155	5	2010 Swainsboro	Altma Jct	0.0 OH	single pol∈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	v 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 Corpc	100
													1	- 1		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	
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 combination	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	4	12686 Mississippi Power Company	100
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US	SERC	Southeaster AC	100-120	115	216	5	2015 Wolf Ridge D.S. Tap	Springhill D.S.	0.0 OH	Unknown combination	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 polesteel	1033 Other	Single	4	4	195 Alabama Power Company	100
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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		477 ACSR	Single	- :	- :	7801 Gulf Power Company	100
					155					single pole concrete			1	1		
US	SERC	Southeaster AC	100-120	115	86	6	2011 Alford Jct	Alford	5.0 OH	Unknown Unknown	267 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera	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	4	7140 Georgia Power Company	100
													!	!		100
US	SERC	Southeaster AC	100-120	115	216	5	2014 Anniston	Oxanna	0.0 OH	single pole combination	795 ACSR	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2014 Anniston Tap	Cheaha Tap	0.0 OH	single pole combination	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		1	1	189 PowerSouth Energy Coopera	100
					216	-					795 ACSR		- :	- 1		
US	SERC	Southeaster AC	100-120	115		6	2014 Arkwright	South Macon (black)	0.0 OH	H-frame wood		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 Corpc	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	4	4	7801 Gulf Power Company	100
													!			100
US	SERC	Southeaster AC	100-120	115	403	6	2019 Bay Creek	Lawrenceville #4 Tap	0.0 OH	single pole wood	1351 Aluminur		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
						5		Pine Grove Primary		H-frame wood			- :	- 1		100
US	SERC	Southeaster AC	100-120	115	181		2019 Bemiss		0.0 OH		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 pol∈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 combination	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 combination	1351 Other	Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC		230	820	6	2015 Bethbara		13.0 OH				- :	- :		100
			200-299			-		East Walton (black)		single pole steel	1351 Other	Single	1	- 1	7140 Georgia Power Company	
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	4	7140 Georgia Power Company	100
03													!			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 Blossum	0.0 OH	H-frame wood	795 ACSR	Single	1	1	13100 Municipal Electric Authority of	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			Double	- :	- 1		
						-				single pole steel	795 ACSR		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
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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	2019 Callaway 2014 Cedar Bend	North Cedar Bend	0.0 OH	H-frame combination	397 ACSR	Single	4	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	Molino	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
													!			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 combination	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		1033 ACSR		4	1	7140 Georgia Power Company	100
										single pole steel		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	'n	4	13100 Municipal Electric Authority c	100
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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 polesteel	636 ACSR	Single	1	1	7140 Georgia Power Company	100
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US	SERC	Southeaster AC	100-120	115	119	6	2016 Deepstep	Robins Spring	0.0 OH	H-frame wood	336 ACSR	Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	216	5	2016 Demopolis	Brown Tap	0.0 OH	single pole steel	795 ACSR	Single	1	1	195 Alabama Power Company	100
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US	SERC	Southeaster AC	100-120	115	216	6	2011 Deptford	Whitemarsh	0.0 OH	single pole combination	795 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		0	2017 Dorchester		0.0 OH			- 1	- 1		100
					1205	6		Little Ogeechee		single pole steel		1	1	7140 Georgia Power Company	
US	SERC	Southeaster AC	100-120	115	216	6	2017 Dorchester	Walthoursville	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
						-	LOTT DOTOTIONS					:	- :		
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		245	6	2016 East Athens	Fast Watkinsville	0.0 OH		1033 ACSR Single	- :	- 1	7140 Georgia Power Company	100
				115		ь				single pole steel		1	1		
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 Fast Point	College Park #3	0.0 OH	tower steel	1033 ACSR Single	1	1	7140 Georgia Power Company	100
	SERC	Southeaster AC	100-120	115	245		2016 East Social Circle	Social Circle	0.0 OH			- :	- 1		
US						0				single pole steel				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	Furvs Ferrt Tap	0.0 OH	single pole steel	795 ACSR Single	4	4	7140 Georgia Power Company	100
						0									
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	1	1	189 PowerSouth Energy Coopera	100
US	SERC	Southeaster AC	100-120	115	216	2	2009 Ga/Ala.State Lane	Wansley Jct	0.0 OH	H-frame steel	795 ACSR Single	4	4	7140 Georgia Power Company	100
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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 Coopera	100
US	SERC	Southeaster AC	200-299	230	502	5	2021 Gaston	Boyles	1.0 OH	tower combination	1033 ACSR Single	1	1	195 Alabama Power Company	100
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US	SERC	Southeaster AC	200-299	230	502	5	2021 Gaston	Turf Club	0.0 OH	tower combination	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		North Dublin	32.0 OH		1351 ACSR Single	- 1	4		100
						6	2016 Gordon					1	1	7140 Georgia Power Company	
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	- 1	4	100 DowerCouth France Coopers	100
						0								189 PowerSouth Energy Coopera	
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	1	1	189 PowerSouth Energy Coopera	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			208	6		Lick Creek	0.0 OH		795 ACSR Single	- :	7		100
			100-120	115		ь	2018 Harmony Jct.			single pole concrete		1	1	7140 Georgia Power Company	
US	SERC	Southeaster AC	200-299	230	290	6	2014 Hatch	Offerman	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 OH	single pole concrete	477 ACSR Single	1	1	12686 Mississippi Power Company	100
US	SERC	Southeaster AC	100-120	115	216		2012 Hattiesburg SW	West Hattiesburg	0 OH		795 ACSR Single	4	4	12686 Mississippi Power Company	100
US					216	ь				single pole concrete		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 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	4	4	7140 Georgia Power Company	100
						0									
US	SERC	Southeaster AC	100-120	115	216	6	2015 Horse Creek	Ludowici	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 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	4	4	7140 Georgia Power Company	100
						0									
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 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 OH	single pole concrete	336 ACSR Single	4	4	7140 Georgia Power Company	100
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US	SERC	Southeaster AC	100-120	115	216	6	2015 Jesup	Rayonier	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 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 OH	H-frame concrete	795 ACSR Single	- 7	- 1	7140 Georgia Power Company	100
						0									
US	SERC	Southeaster AC	100-120	115	216	6	2018 Kathleen	Perry	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	4	4	12686 Mississippi Power Company	100
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US	SERC	Southeaster AC	100-120	115	86	6	2012 Kingston Jct	Kingston	1 OH	Unknown Unknown	267 Unknown Unknown	1	1	189 PowerSouth Energy Coopera	100
US	SERC	Southeaster AC	200-299	230	596	5	2019 Klondike	Smyrna Church	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 OH	single pole steel	1033 ACSR Double	4	4	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	1018	0	2013 Kraft	McIntosh (white)	0 OH		1033 ACSR Double	- 1	- 1	7140 Georgia Power Company	100
						6				single pole steel		1	1	7140 Georgia Power Company	
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 OH	single pole concrete	1351 ACSR Single	2	2	7801 Gulf Power Company	100
	SERC	Southeaster AC			602			Santa Rosa	21.4 OH			-	-	7004 Oulf Dawar Ocasia	
US			200-299	230		ь	2015 Laguna Beach			single pole concrete		2	2	7801 Gulf Power Company	100
US	SERC	Southeaster AC	200-299	230	602	6	2013 Lansing Smith	Laguna Beach	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 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	Vimville	6 OH	H-frame steel	1351 ACSR Single	4	4	12686 Mississippi Power Company	100
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US	SERC	Southeaster AC	100-120	115	216	ь	2013 Laurel North Amaranth		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 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 OH	single pole wood	795 ACSR Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	833	-	2015 Lawrenceville	Winder	0 OH	H-frame steel	1351 Other Single		4	7140 Georgia Power Company	100
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US	SERC	Southeaster AC	100-120	115	251	6	2013 Long Beach	Holiday	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	Flmore 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 OH	H-frame wood	1033 ACSR Single	- :	- 1	7140 Georgia Power Company	100
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US	SERC	Southeaster AC	100-120	115	255	5	2018 McConnell Road	West Marietta	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 OH		1033 ACSR Single	4	1	7140 Georgia Power Company	100
						ь				single pole steel		1	1		
US	SERC	Southeaster AC	400-599	500	2350	6	2020 McGrau Ford	Middlefork	10 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 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	Vimville	9 OH	g p		4	1	12696 Mississippi Deves Company	100
						-				single pole concrete		1	1	12686 Mississippi Power Company	
US	SERC	Southeaster AC	100-120	115	245	6	2019 Middle Fork	N. Commerce Jct	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 OH	single polesteel	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	4	1	7140 Georgia Power Company	100
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US	SERC	Southeaster AC	200-299	230	693	5	2020 Miller	Boyles	0 OH	tower combination	1351 ACSR Single	1	1	195 Alabama Power Company	100
US	SERC	Southeaster AC	100-120	115	86	6	2012 Millers Crossroad Jct	Millers Crossroad	1 OH	Unknown Unknown	267 Unknown Unknown	1	1	189 PowerSouth Energy Coopera	100
US	SERC	Southeaster AC	100-120	115	417	5	2014 Morrow	Ellenwood	0 OH	single pole steel	1351 Other Single	i	1	7140 Georgia Power Company	100
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US	SERC	Southeaster AC	100-120	115	140	5	2010 Morrow	Murray Lake Tap	0 OH	single pole steel	1033 ACSR Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	5	2014 Morrow	Murray Lake Tap	0 OH	single pole steel	1033 ACSR Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	255	6	2018 Mountain View	Barnett Road	0 OH	tower steel	1033 ACSR Single	4	1	7140 Georgia Power Company	100
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US	SERC	Southeaster AC	100-120	115	152	6	2017 Nashville #1	Nashville #2	0 OH	H-frame wood	795 ACSR Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	200-299	230	682	5	2012 Norcross	Berkeley Lake	0 OH	H-frame steel	1033 Other Single	1	1	7140 Georgia Power Company	100
US	SERC	Southeaster AC	100-120	115	124	6	2012 North Americus	North Tifton	0 OH	H-frame wood	336.4 ACSR Single	1	1	7140 Georgia Power Company	100
US	SERU	Southeaster AC	100-120	115	124	О	ZU1Z INUITH ATTICUS	INOTHI THIUH	U UH	i i-ii aii ie wood	JJU.4 AUSK SITIGIE		- 1	1140 Georgia Power Company	100

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	4	4	7140 Georgia Power Company	100
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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	Jav	23.7 OH	single pole concrete	795 ACSR Single	1	1	189 PowerSouth Energy Coopers	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 PRCP	5 OH	single poli concrete	1033 ACSR Single	- 1	4	12686 Mississippi Power Company	100
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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	1	1	189 PowerSouth Energy Coopera	100
US	SERC	Southeaster AC	100-120	115	216	5	2014 Oxanna	Crooked Creek	1 OH	single pole combination	795 ACSR Single	2	2	195 Alabama Power Company	100
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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	4	- 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 poli concrete	1033 ACSR Single	4	4	7140 Georgia Power Company	100
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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	5	2017 Porterdale	North Monticello	0 OH	H-frame steel	1351 ACSR Single	4	- 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 Coopera	100
US	SERC	Southeaster AC	200-299	230	602	5	2018 Sharon Springs	Suwanee	15 OH	single pole steel	1351 ACSR Single	4	4	7140 Georgia Power Company	100
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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	Cottondale	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	4	- 1	7140 Georgia Power Company	100
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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	Ocmulaee Jct	0 OH			- 1	- 1		100
						-				single pole concrete		1	1	7140 Georgia Power Company	
US	SERC	Southeaster AC	100-120	115	88	5	2019 Stillmore	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	4	12686 Mississippi Power Company	100
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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 Coopera	100
US	SERC	Southeaster AC	100-120	115	187	6	2015 Thomson Primary	Kiokee Road Tap	0 OH	single polesteel	795 ACSR Single	1	1	7140 Georgia Power Company	100
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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 Coopera	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 Coopera	100
US	SERC	Southeaster AC	200-299	230	602	6	2014 Vimville	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	7140 Georgia Power Company	100
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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	1	1	189 PowerSouth Energy Coopera	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
	SERC			115	301	6						- 1	- 1		
US		Southeaster AC	100-120			-	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
	SERC	Southeaster AC		115	251	6	2019 Wright	Sullivan	0 OH			- ;	- 1		100
US			100-120	115	251					single pole concrete	1033 ACSR Single			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 COCS/BTU	
US	TRE	- AC	121-150			5	2010 Krum Tap 138 kV Swit	c Krum Tan 138 kV Switch	0.0 OH					44372 ONCOR	100
US	TRE	- AC	121-150			5	2010 Alvin-Hastings	Centerpoint 345-138 kV ;	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 10	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		0.0 OH					17583 STEC	100
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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 Su	h Frontera	0.0 OH					3278 AEP/TCC/SLU	
US	TRE	- AC	121-150				2010 TECO Generation	TECO Generation	0.0 OH					8901 CNP	100
						6									
US	TRE	- AC	121-150			6	2010 Rim Rock	Jack Furman	7.5 OH		336 ACSR			11269 LCRA TSC	100
US	TRE	- AC	300-399			6	2010 CenterPoint Energy/Th	N CenterPoint Energy/TNM	0.1 OH					8901 CNP, TNMP	
US	TRE	- AC	121-150			7	2010 Lakeway	LCRA tap	1.0 OH					1015 AUSTIN ENERGY	100
		- AC												1010 AUGIIN ENERGI	
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 tern	ni Dilley, add 138 kV termir	0.0 OH		795 ACSR			3278 AEP/TCC	100
US	TRE	- AC	121-150			9	2010 Pelican 138 kV: Add s		0.0 OH					3278 AEP/ETT	100
US	TRE	- AC	121-150				2010 Whitesboro SE	Gordonville	0.9 OH					44372 ONCOR	
		- AC				10									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	2	X795 ACSR			11269 LCRA TSC	100
US	TRE	- AC	121-150			12	2010 Palo Duro Switching S	ts Palo Duro Switching Stot	0.0 OH	_				17583 STEC	100
											705 4000				
US	TRE	- AC	121-150			12	2010 Palo Duro	Dilley	9.0 OH		795 ACSR			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 TMPA	100
US	TRE	- AC	121-150			1	2011 Fairview	Aledo	32.0 OH					2172 BRAZOS	100
US		- AC	121-150			1	2011 Alberta Switch 138kV	S Alberta Switch 138kV Su	0.0 OH					17583 STEC	100
US	TRE	- AC													

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
	TOE	-	AC								10004 CF3	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 Project	c Gemini AE Solar Project	1.5 OH		1015 AUSTIN ENERGY	100
US	TRE	_	AC	121-150	30	5	2011 Dunlap 138kV substation		0.1 OH		1015 AUSTIN ENERGY	100
					00	5						
US	TRE	-	AC	121-150			2011 Gunsight 138 kV Switch		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		0.0 OH		44372 ONCOR	100
		-	AC			•						
US	TRE	-	AC	300-399		5	2011 Elm Mott Switch circuit		0.0 OH		44372 ONCOR	100
US	TRE	-	AC	121-150		5	2011 La Quinta: Configure st	t: La Quinta: Configure stat	0.0 OH		3278 AEP/ETT	100
US	TRE		AC	121-150		5	2011 Putnam, Recofigure Sta		0.0 OH	795 ACSS	3278 AEP/TNC	100
		-								795 AC55		
US	TRE	-	AC	300-399		5	2011 Oklaunion	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		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 5	S Trumbo - New 138 kV Su	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	100
		-										
US	TRE	-	AC	121-150		6	2011 Cisco, Convert station t		0.0 OH	795 ACSS	3278 AEP/TNC	100
US	TRE	-	AC	300-399		7	2011 Burwick Switching Stat	i Burwick Switching Statio	0.0 OH		44372 ONCOR	100
US	TRE	_	AC	300-399		9	2011 Dermott Switch (Centra		56.0 OH		44372 ONCOR	100
			AC			9						
US	TRE	-		300-399		•	2011 Scurry County South S		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 k\	/ Coahoma North 138 kV 5	0.0 OH		44372 ONCOR	100
US	TRE		AC	121-150		11	2011 Bruni 138kV Station: In		0.0 OH		3278 AEP/TCC	100
		-	AC				2011 Bluill 130KV Station. III	E DIUIII 130KV Stationi. Ilist				
US	TRE	-	AC	121-150		12	2011 Mauermann Rd - New		0.1 OH		16604 CPS	100
US	TRE	-	AC	121-150		12	2011 Pockrus Substation Tra	a 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 Substa		0.0 OH		40051 TNMP	100
US	TRE	-	AC	121-150		12	2011 South League City Sub		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	Oklaunion	3.6 OH		3278 AEP/ETT	100
		_				6						100
US	TRE	-	AC	121-150			2012 Hill Country	Stonegate	10.0 OH		16604 CPS	
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 I S02 Nazareth	Hereford	33.0 OH		17008 SU	100
US	TRE		AC	300-399	1678	9	2012 Kendall (7046)	Gillespie (7131)	29.0 OH	2x1590 ACSR	11269 LCRA TSC	100
			AC		1070							
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	TRF	_	AC	300-399		11	2012 Grelton	Long Draw	31.3 OH		Wind Energy Transmission Texas (WETT)	100
	TRE		AC						46.2 OH			
US		-	AC	300-399		11	2012 Grelton	Odessa			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 Cotttonwood	Dermott	65.4 OH		Wind Energy Transmission Texas (WETT)	100
US	TRE		AC	300-399		12	2012 West Krum	Rilev	0.0 OH		3278 AEP/ETT	100
						12				1500 1000		
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 Grav	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
					4070					0.4500 4000		
US	TRE	-	AC	300-399	1678	4	2013 North McCamey	Bakersfield	12.0 OH	2x1590 ACSR	11269 LCRA TSC	100
US	TRE	-	AC	300-399		6	2013 Gilleland	Techridge	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 McCamey	Odessa EHV	50.0 OH	2x1590 ACSR	11269 LCRA TSC	100
					1070					EMOOD MOON		
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	Flizabeth Creek	3.8 OH		44372 ONCOR	100
		-				-				10		
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			30.0 OH		3278 AEP/ETT	100
		-					2015 Lobo	Rio Bravo				
US	TRE	-	AC	121-150		11	2015 Rio Bravo	Wormser	0.0 OH		3278 AEP/TCC	100

US	TRF	_	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
	TRE	-	AC									795 ACSK					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
03		-	AC						South McAllen			1590 ACSK					
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 S	ut Olmos(7613) - New Subs	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
	TRE	-	AC			600	12									3278 AFP/FTT	100
US		-	AC	300-399				2017 Ranchito	South McAllen	38.0 OH							
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	TRF		AC	121-150		000	5	2018 Lavon Switch	Allen Switch	8.9 OH						44372 ONCOR	100
		-	AC				-										
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 Fast 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 Sw	itching 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	TRF	_	AC	121-150		600	6	2018 Ranchito	Ranchito to Villa Cavazo	5.0 OH						3278 AFP/FTT	100
						000				19.5 OH							
US	TRE	-	AC	300-399			6	2020 Cagnon to Hill Countr								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 St	wit 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
		-	AC														
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		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 9	75 Tie	0.0 OH						1015 AUSTIN ENERGY	100
US	TRE		AC	121-150			5	2012 Uvalde 138 kV Substa		0.0 OH		2x795 ACSR				3278 AEP/TCC	100
		-										ZX190 MOSIN					
US	TRE	-	AC	121-150			5	2012 Laguna Vista 138 kV t		10.4 OH						44372 ONCOR	100
US	TRE	-	AC	121-150			6	2012 Sulpher Springs - Nev	v 1 Sulpher Springs - New 1:	0.1 OH						16604 CPS	100
US	TRE	-	AC	121-150			6	2012 Masterson Rd - New 1	3 Masterson Rd - New 138	20.0 OH						16604 CPS	100
US	TRF		AC	300-399			6	2012 Brown Switch	o madiordon na mon nod	0.0 OH						44372 ONCOR	100
		-					-										
US	TRE	-	AC	121-150		22.4	6	2012 Weil Road - New Sub		0.0 OH						7752 GVEC	100
US	TRE	-	AC	121-150		22.4	6	2012 FM-725 - New Substa	tion	0.0 OH						7752 GVEC	100
US	TRE	_	AC	300-399			8	2012 Silverton Collection St		0.0 OH						17008 SU	100
	TRE		AC	300-399			0		Newton Switch	0.0 OH						44372 ONCOR	
US		-					9	2012 Newton Switch									100
US	TRE	-	AC	300-399			9	2012 Hereford Collection St		0.0 OH						17008 SU	100
US	TRE	-	AC	300-399			9	2012 Nazareth Collection S	tation	0.0 OH						17008 SU	100
US	TRE		AC	121-150			10	2012 East Abilene, Build ne		0.0 OH		795 ACSS				3278 AEP/TNC	100
		-										793 ACGG					
US	TRE	-	AC	121-150			12	2012 UTMB Substaion- Nev	v Substation	0.0 OH						40051 TNMP	100
US	TRE	-	AC	300-399			12	2012 Riley, Add two 144 M	/ar capacitors	0.0 OH						3278 AEP/ETT	100
US	TRE	_	AC	300-399			12	2012 Riley, add two 100 My	ar reactors	0.0 OH						3278 AEP/ETT	100
US	TRF		AC	300-399			2	2013 White Deer Collection		0.0 OH						17008 SU	100
US	TRE	-	AC	300-399			3	2013 Gray Substation (Pan	nandle B-B), build new colle	0.0 OH						CTT	100
US	TRE	-	AC	300-399			3	2013 Gray Substation (Pan	handle B-B), build 50 MVAR	0.0 OH						CTT	100
US	TRE	_	AC	121-150			6	2013 Palo Alto - New 138k\	/ Substation	0.1 OH						16604 CPS	100
US	TRE		AC	121-150			6	2013 Blumenthal		8.4 OH						11269 LCRA TSC	100
												=== 1000					
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 Substa	ition	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 Substati		0.0 OH						7752 GVEC	100
		-	AC									2,705 4000					
US	TRE	-		121-150			5	2014 West Batesville, Insta		0.0 OH		2x795 ACSR				3278 AEP/ETT	100
US	TRE	-	AC	121-150			6	2014 Ranchtown - New 138		0.1 OH						16604 CPS	100
US	TRE	-	AC	121-150			12	2014 Mainland-New Substa	tion	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		22.4	6	2015 Santa Clara - New Su		0.0 OH						7752 GVEC	100
		-				22.4	ь										
US	TRE	-	AC	121-150			7	2015 Harbor SS: Build 138		0.7 OH						3278 AEP/TCC	100
US	TRE	-	AC	121-150			6	2017 Blossom - New 138 k		0.1 OH						16604 CPS	100
US	TRF	_	AC	121-150			5	2018 Boggy Creek 138 kV S	Sw Boggy Creek 138 kV Swi	3.5 OH						44372 ONCOR	100
US	TRE		AC	121-150			11	2011 Ector County North St	witch (Most P)	0.0 OH						44372 ONCOR	100
		-							WILLII (WESL D)								
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 Aquia 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	Idvlwood	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 polesteel	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	Suffolk	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 -	PJM Interconnection, LLC	100
			AC.											!			
US	SERC	VACAR	AC	200-299	230	615	12	2011 Clinton	Lee	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	17539 South Carolina Electric & Ga	100
	SERC	VACAR	AC			797	5	2010 Derity Terrace 2011 Harrisonburg						- :	2 -		
US		VACAR	AC.	200-299	230				Valley	11.0 OH	tower steel	636 ACSR	Double	1		PJM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	100	0	7	2010 Piercetown	Plainview Ret	5.0 OH	Unknown 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 D	uke 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 D	uke 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 -		JM 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 D	uke Energy Carolinas	100
US	SERC	VACAR	AC	200-299	230	352	5	2012 A M Williams	Cainhov	0.0 OH	H-frame wood	795 ACSR	Sinale	1	1	17539 S	outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	475	5	2016 AM WIlliams	Cainhov	9.0 OH	single pole steel	1272 ACSR	Double	1	1		outh Carolina Flectric & Ga	100
		VACAR	AC		230	952	-	2013 AM Williams						:	:			100
US	SERC			200-299			5		Goose Creek	0.0 OH	single pole steel	1272 ACSR	Double	1	1		outh Carolina Electric & Ga	
US	SERC	VACAR	AC	100-120	115	239	6	2012 Arcadia	Garden City	15.0 OH	Unknown Unknown	1272 ACSR	Single	1	1	17543 S	outh 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 B	rogress Energy Carolinas	100
						9999		2012 Asheville 2014 Balston							- 1			
US	SERC	VACAR	AC	100-120	115		6		Radnor Heights	3.7 UG	Unknown Unknown	9999 Copper	Single	1	1 -		JM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	100	91.8	12	2018 Beaver Creek Sub	United Chemi-Con Sub	0.0 OH	single pole steel	336 ACSR	Single	1	1	1889 B	lue 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	17530 S	outh Carolina Electric & Ga	100
	SERC	VACAR				474	5			8.0 OH								
US			AC	100-120	115			2014 Belvedere Switching	Stevens Creek	0.0 011	single pole steel	1272 ACSR	Single	2	2		outh 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	undergrou Unknown	500 Copper	Single	0	0	1889 B	lue 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 R	lue Ridge Electric Members	100
							7	2010 Bremo		1.3 OH		636 ACSR	Double	:	- 1			
US	SERC	VACAR	AC	200-299	230	800			Bear Garden		single pole steel			1	1 -		JM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	115	797	12	2010 Bucksville	Garden City	15.0 OH	single pole wood	1272 ACSR	Sinale	1	1	17543 S	outh Carolina Public Servic	100
US	SERC	VACAR	AC	200-299	230	500	6	2014 Burke	Sideburn	2.2 UG	undergrou Unknown	3500 Copper	Single	1	1 -		JM Interconnection, LLC	100
	SERC	VACAR				950								:				
US			AC	200-299	230		12	2013 Canadys	Church Creek	38.0 OH	single pole steel	1272 ACSR	Double	1	1		outh 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 S	outh 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		outh Carolina Flectric & Ga	100
															- 1			
US	SERC	VACAR	AC	200-299	230	950	12	2018 Canadys	St. George	8.0 OH	single pole steel	1272 ACSR	Double	1	1		outh 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 -	P	JM 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 -	P	JM Interconnection, LLC	100
	SERC	VACAR	AC	200-299	230	722	11			14.0 OH								100
US								2011 Chickahominy	Lanexa		tower steel	721 Aluminu		1	2 -		JM Interconnection, LLC	
US	SERC	VACAR	AC	200-299	230	797	11	2010 Chickahominy	Old Church	16.0 OH	tower steel	636 ACSR	Double	1	2 -	P	JM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	950	4	2015 Denny Terrace	Lyles	3.0 OH	single polesteel	1272 ACSR	Double	1	1	17530 S	outh Carolina Flectric & Ga	100
													Double	:				
US	SERC	VACAR	AC	200-299	230	1300	6	2011 Dickerson	Pleasant View	0.0 OH	H-frame steel	721 Other	Double	1	3 -		JM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	115	231	5	2012 Dooms	Dupont-Waynesboro	5.0 OH	single pole steel	1033 ACSR	Sinale	1	1 -	P	JM Interconnection, LLC	100
US	SERC	VACAR	AC	400-599	500	2600	5	2012 Dooms	Lexington	0.0 OH	tower steel	2500 Aluminu	m Double	1	- 1	D	JM 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		outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	237	5	2015 Faber Place	Accabee	0.0 OH	single pol∈steel	1272 ACSR	Sinale	1	1	17539 S	outh 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 B	rogress 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 -		JM 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 -	P	JM 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 -	P	JM 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	4		rogress Energy Carolinas	100
														1				
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 D	uke 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 B	lue 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	1880 B	lue Ridge Electric Members	100
US	SERC	VACAR	AC	200-299	230	706	5		Southwest	0.0 OH	tower steel	1033 ACSR			- 1			100
								2011 Iron Bridge					Single	1	1 -		JM Interconnection, LLC	
US	SERC	VACAR	AC	200-299	230	706	6	2011 Iron Bridge	Walmsley	0.0 OH	tower steel	1033 ACSR	Single	1	1 -		JM 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 S	outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	192	12	2010 Kitty Hawk	Colington	7.0 OH	tower steel	1177 ACCR	Single	1	1 -	P	JM Interconnection, LLC	100
	SERC	VACAR			115	236			McMeekin	0.0 OH				:				
US			AC	100-120			4	2015 Lake Murray	momodium	0.0 011	single pole steel	1272 ACSR	Single	1	1		outh 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 S	outh 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 -	P	JM Interconnection, LLC	100
US	SERC	VACAR	AC		230	1047	5	2013 Loudoun	Middlebura	0.0 OH	tower steel	636 ACSR	Double		7		JM Interconnection, LLC	100
				200-299										1	1 -			
US	SERC	VACAR	AC	100-120	115	237	12	2014 Lyles	Denny Terrace	0.0 OH	H-frame wood	1272 ACSR	Single	1	1		outh 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 S	outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	352	12	2014 Lyles	Denny Terrace	3.0 OH	single polesteel	795 ACSR	Double	1	1	17530 S	outh Carolina Flectric & 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		outh 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 -	P	JM Interconnection, LLC	100
US	SERC	VACAR	AC	400-599	500	3500	9	2018 North Anna	Ladvsmith	15.0 OH	tower steel	1351 ACSR	Triple	1	1 -	P	JM Interconnection, LLC	100
	SERC	VACAR	AC					2012 Pepperhill		7.0 OH		1272 ACSR	Double		- 1		outh Carolina Flectric & Ga	100
US				200-299	230	950	5		Summerville		single pole steel			1	1			
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 D	uke 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		outh Carolina Public Servic	100
US	SERC	VACAR	AC	200-299	230	956	4	2019 Pomaria	V C Summer	8.0 OH	Unknown Unknown	1272 ACSR	Double	1	4	17E 12 C	outh 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 -		JM 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 pol∈steel	795 ACSR	Single	1	2	1889 B	lue Ridge Electric Members	100
US	SERC	VACAR	AC	200-299	230	1047	5	2012 Reminaton	Sowego	0.0 OH	tower steel	636 ACSR	Double	2	2 -	P	JM Interconnection, LLC	100
US	SERC	VACAR	AC	200-299	230	956	3	2015 Richburg	Flat Creek	32.0 OH	Unknown Unknown	1272 ACSR	Double	-			outh Carolina Public Servic	100
							1							1	1			
US	SERC	VACAR	AC	100-120	115	89	12	2018 Saluda Hydro	Ga Pac	0.0 OH	tower steel	266 ACSR	Single	2	2		outh 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 S	outh 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	-	-		outh Carolina Public Servic	100
														1				
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 D	uke 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 -	P	JM 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	17520 S	outh Carolina Electric & Ga	100
														!				
US	SERC	VACAR	AC	200-299	230	950	12	2018 St. George	Summerville	29.0 OH	single pol∈steel	1272 ACSR	Double	1	1	17539 S	outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	956	1	2019 St. George	Varnville	38.0 OH	Unknown Unknown	1272 ACSR	Double	1	1	17543 S	outh Carolina Public Servic	100
US	SERC	VACAR	AC	200-299	230	1047	6	2011 Thelma	Carolina	10.0 OH	tower steel	636 ACSR	Double	4	1		JM Interconnection, LLC	100
							-								1 -			
US	SERC	VACAR	AC	200-299	230	950	5	2016 Urquhart	Graniteville	18.0 OH	single pole steel	1272 ACSR	Double	2	2		outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	100-120	115	104	5	2016 Urguhart	Graniteville	0.0 OH	H-frame wood	336 ACSR	Single	1	1	17539 S	outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	956	1	2015 V.C. Summer	Winnshoro	14.0 OH	Unknown Unknown	1272 ACSR	Double		1		outh Carolina Public Servic	100
			AC.				!							!				
US	SERC	VACAR	AC	200-299	230	950	4	2015 VC Summer	Killian	38.0 OH	single pole steel	1272 ACSR	Double	1	1		outh 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 S	outh 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		outh Carolina Electric & Ga	100
															- 1			
US	SERC	VACAR	AC	200-299	230	950	12	2018 VC Summer	VC Summer #2	1.0 OH	single pole steel	1272 ACSR	Double	1	1		outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	950	12	2013 VC Summer	VC Summer #2	1.0 OH	single pol∈steel	1272 ACSR	Double	1	1		outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	950	12	2013 VC Summer	VC Summer #2	1.0 OH	single pole steel	1272 ACSR	Double	1	1	17539 S	outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-233	230	950	4	2015 VC Summer #2	Lake Murray	23.0 OH	single pole steel	1272 ACSR	Double				outh Carolina Electric & Ga	100
										20.0 011			Double	1	1			
US	SERC	VACAR	AC	200-299	230	950	12	2018 VC Summer #2	St. George	135.0 OH	single pole steel	1272 ACSR	Double	2	2		outh Carolina Electric & Ga	100
US	SERC	VACAR	AC	200-299	230	706	6	2011 Walmsley	Southwest	0.0 OH	tower steel	1033 ACSR	Single	1	1 -		JM Interconnection, LLC	100
US	SERC	VACAR	AC	100-120	100	0	6	2012 Winecoff Tie	Westfork Sw Sta	0.0 OH	Unknown Unknown	477 ACSR	Double	2	2	5416 D	uke Energy Carolinas	100
			-			-	-							=			- 22	

US US US	SERC SERC SERC	VACAR VACAR VACAR	AC AC AC	200-299 200-299 100-120	230 230 115	956 1047 308	1 6	2015 Winnsboro 2012 Yorktown 2016 Asheboro	Richburg Hayes Asheboro East	27.0 OH 8.0 OH 0.0 OH	Unknown Unknown tower steel H-frame wood	1272 ACSR 636 ACSR 1590 Unknown	Double Double Single	1		1 17543 South Carolina Public Servic 1 - PJM Interconnection, LLC 1 3046 Progress Energy Carolinas		100 100 100
US	SERC	VACAR	AC	100-120	115	308	6	2019 Asheboro	Asheboro East	0.0 OH	H-frame wood	1590 Unknowr		1		1 3046 Progress Energy Carolinas 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 US	SERC SERC	VACAR VACAR	AC AC	100-120 100-120	100 100	0	6	2016 Cliffside Steam Sta 2013 Dan River Steam Sta	Broad Rvier 16 Madison Tie	0.0 OH 0.0 OH	Unknown Unknown		Single Double	2		2 5416 Duke Energy Carolinas 2 5416 Duke Energy Carolinas		100 100
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		Single	2		2 5416 Duke Energy Carolinas		100
US US	SERC SERC	VACAR VACAR	AC AC	100-120 100-120	100 100	0	6	2011 Lawsons Fork Tie 2013 Mebane Tie	Pinewood Ret Tap Burlington Tap	0.0 OH 0.0 OH	Unknown Unknown Unknown Unknown		Double Double	2		2 5416 Duke Energy Carolinas 2 5416 Duke Energy Carolinas		100 100
US	SERC	VACAR	AC	100-120	100	0	6	2014 Oakvale Tie	Shady Grove Tie	0.0 OH	Unknown Unknown		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		Double	1		1 17543 South Carolina Public Servic		100
US US	SERC SERC	VACAR VACAR	AC AC	200-299 200-299	230 230	0 1195	6 6	2015 Riverview Sw Sta 2019 Rockingham	Peach Valley Tie Lilesville	0.0 OH 14.0 OH	Unknown Unknown H-frame steel	795 ACSR 1590 ACSR	Double Double	2		2 5416 Duke Energy Carolinas 1 3046 Progress Energy Carolinas		100 100
US	SERC	VACAR	AC	100-299	100	0	6	2019 Rockingham 2012 Stamev Tie	EU # 18 Tap	0.0 OH	Unknown Unknown		Double	2		2 5416 Duke Energy Carolinas		100
US	SPP	-	AC	151-199	161	585	6	2011 East-FairFax Substatio		0.1 OH	P S	1192 ACSS	1	1	1	KACY	M	100
US US	SPP	-	AC AC	151-199 151-199	161 161	585 318	6 12	2011 East-FairFax Substatio 2011 Muncie Substation	n GM Substation Center City Substation	0.1 OH 0.1 OH	P S	1192 ACSS 1192 ACSS	1	1	1	KACY KACY	M	100 100
US	SPP	-	AC AC	151-199	161	318	12	2011 Muncie Substation 2011 Muncie Substation	Armourdale Substation	0.1 OH 0.1 OH	P S	1192 ACSS 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	М	100
US US	SPP	-	AC AC	151-199 151-199	161 161	585 585	12 12	2016 Speaker Substation 2017 Speaker Substation	Kaw Substation Everett Substation	3.0 OH 3.0 OH	P S P S	1192 ACSS 1192 ACSS	1	1	1	KACY KACY	M M	100 100
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	М	100
US US	SPP	-	AC AC	151-199 151-199	161 161	585 280	12 5	2017 Everett Substation 2011 Sub A	Quindaro Substation Sub M	4.5 OH 5.0	P S P S	1192 ACSS 795 ACSR	1	0	1 2	KACY 9231 INDN	M	100 100
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	1	100
US US	SPP	-	AC AC	121-150 121-150	138 138	183 106	12 12	2016 Snyder Switchyard 2016 Anadarko Switchyard	Paradise Substation OU Switchvard	9.9 OH 11.1 OH	H W H W	795 ACSR 336.4 ACSR	1	1	1	WFEC WFEC		100 100
US	SPP		AC	100-120	115	223	7	2011 Clay Center Junction	TC-Rilev	12.0 OH	H W	1192.5 ACSR	1	1	1	22500 Westar Energy	- 1	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 Westar Energy	1	100
US	SPP	-	ac	100-120	115	212	6	2015 Kinsley	various options	35.0 oh	H W	ACSR	4		1	MIDW MIDW WEEC		100
US	SPP	-	AC AC	121-150 121-150	138 138	212 106	12 12	2018 Anadarko Switchyard 2017 Snyder Switchyard	Paradise Substation Russell Switchvard	40.0 OH 44.0 OH	H W	1113 ACSR 336.4 ACSR	1	1	1	WFEC		100 100
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 2011 Heizer	Grandfield Switchyard	58.0 OH	H W	795 ACSR	1	1	1	WFEC MIDW MIDW		100
US	SPP	-	ac AC	100-120 121-150	115 138	183	12	2011 Heizer 2011 Anadarko SW	Mullegren Washita	0.3 oh 1.0 OH	H W	ACSR 795 ACSR		1 1	1	MIDW MIDW 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 AC	100-120	115	146	6	2011 Hitchland	Spearman	1.0 OH	H W	397 ACSR		1 1		1 17718 SWPS I		100
US US	SPP		AC	200-299 300-399	345	655	2	2012 Bonin 6 (502403) 2011 Sportsman Acres	Labbe (502421) GRDA (constructed by A	1.4 OH 3.0 OH		795 ACSR		2		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	138 138	267 144	3	2011 Bentley West	Bentley East	4.0 OH 4.0 OH	P S H W	1192.5 ACSR		1 1		1 10005 Westar Energy I 1 WFEC		100
US US	SPP	-	AC AC	121-150 100-120	138	223	12 7	2015 OW Switchyard 2010 Union Ridge	Colde Substation TC-Hope	4.0 OH 4.0 OH	H W H S	556.5 ACSR 1192.5 ACSR		1 1		1 22500 Westar Energy I		100 100
US	SPP	-	AC	121-150	138	183	6	2010 WFEC Snyder Switchy	a AEP Snyder Substation	4.0 OH	H W	795 ACSR		1 1		1 WFEC		100
US US	SPP SPP	-	AC AC	121-150 151-199	138 161	183 282.5	6 12	2010 Anadarko SW 2011 Tonnece Substation	Georgia Tap	5.0 OH 6.7 OH	H W Pole S	1113 ACSR 1590 ACSR		1 1		1 WFEC 1 7490 Grand River Dam Authority S		100 100
US	SPP	-	AC	121-150	138	287	6	2011 Torriece Substation 2011 Bellcow	Siloam Springs Substatic 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 US	SPP SPP	-	AC AC	151-199 121-150	161 138	585 144	12 12	2009 Piper Substation 2013 Reeding	Wolcott Substation Twin Lakes Switchvard	7.0 OH 7.0 OH	P S H W	1192 ACSS 556 ACSR		1 1		1 KACY N 1 WFFC		100 100
US	SPP	-	AC	121-150	138	183	6	2013 Reeding 2011 Twin Lakes Switchvard		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 SPP	-	AC AC	100-120 100-120	115 115	146 146	12 6	2010 Hitchland 2011 Hitchland	Texas County (2) Sherman Tap	8.0 OH 8.0 OH	H W	397 ACSR 397 ACSR		1 1		1 17718 SWPS I 1 17718 SWPS I		100 100
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 17698 SOEP I		100
US	SPP SPP	-	AC AC	121-150 121-150	138 138	183 267	6 7	2011 Meeker Switchyard 2010 Sumner County	Hammett Substation TC-Rock	10.0 OH 10.0 OH	H W P S	795 ACSR 1192.5 ACSR		1 1		1 WFEC 1 10005 Wester Energy I		100 100
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 Westar Energy I		100
US	SPP SPP	-	AC AC	121-150 121-150	138 138	183 106	12 6	2013 Loco SW 2012 Cache Substation	Healdton-Butler Jct. Grandfield Switchvard	13.0 OH 18.0 OH	H W	795 ACSR 336.4 ACSR		1 1		1 WFEC 1 WFEC		100 100
US	SPP	-	AC	300-399	345	106	1	2012 Cache Substation 2012 Hugo	Valiant	19.0 OH	n w	330.4 ACSK		' '		I WPEC		100
US	SPP	-	AC	300-399	345	1336	6	2014 Flint Creek	Shipe Road	21.0 OH	P C	954 ACSR	Double	1		1 17698 SOEP I		100
US US	SPP	-	AC AC	121-150 121-150	138 138	183 512	6 12	2011 Franklin Switchyard 2011 Turk	OU Switchyard Sugar Hill	22.0 OH 24.0 OH	H W P S	795 ACSR 1590 ACSR	Single	1 1		1 WFEC 1 17698 SOEP I		100 100
US	SPP	-	AC AC	121-150 121-150	138 138	512 287	12 5	2011 Turk 2011 Caney Creek	Johnston County	24.0 OH 25.0 OH	Single Pol S	1590 ACSR 795 ACSR	oingle	1 1		1 17698 SOEP I 1 OG&E		100
US	SPP	-	AC	200-299	230	829	1	2013 Wells	Labbe	30.0 OH	H S	795 Drake ACSR		2 1		1 Cleco		93
US	SPP	-	AC	300-399	345	4000	1	2015 latan	Nashua*	30.0 OH	р о	054 4005	Doub!-			4 47600 COED		400
US US	SPP	-	AC AC	300-399 200-299	345 230	1336 452	6 12	2016 E. Rogers 2011 Hitchland	Osage Ochiltree Intg.	32.0 OH 32.0 OH	P C H W	954 ACSR 795 ACSR	Double	1 1		1 17698 SOEP I 1 17718 SWPS I		100 100
US	SPP	-	AC	100-120	115		8	2011 Rhoades 115kV Sub	Phillipsburg 115kV Sub	34.0 OH	S	795 ACSR		1 1		1 SEPC		100
US	SPP	-	AC	300-399	345	1336	6	2011 Turk	NW Texarkana	34.0 OH	P C	954 ACSR	Double	1		1 17698 SOEP I		100
US US	SPP	-	AC AC	121-150 121-150	138 138	512 144	12 6	2011 Turk 2011 Dover Switchvard	SE Texarkana Cashion Substation	34.0 OH 35.0 OH	P S H W	1590 ACSR 556.5 ACSR	Single	1 1		1 17698 SOEP I 1 WFEC		100 100
US	SPP	-	AC	200-299	230	452	12	2011 Hitchland	Pringle Intg.	35.0 OH	H W	795 ACSR		1 1		1 17718 SWPS I		100
US	SPP	-	AC	100-120	115	146	6	2011 Sherman	Dallam	35.0 OH	H W	397 ACSR		1 1		1 17718 SWPS I		100

US	SPP	- AC	300-399	345	1793	12	2012 Sooner	Cleveland	35.2 OH	H Frame	e 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		55
		- 40											-				33
US	SPP	- AC	200-299	230	452	6	2015 Seminole	Hobbs Plt	43.0 OH	Н	W	795 ACSR	1	1	1 17718 SWPS		100
US	SPP	- AC	200-299	230	452	6	2011 Hitchland	Moore County	50.0 OH	Н	W	795 ACSR	1	1	1 17718 SWPS	1	100
US	SPP	- AC	300-399	345	1793	6	2013 Sooner	Rose Hill	50.0 OH	H Frame	2 2	1590 ACSR	2	1	1 OG&E		50
	SPP			345	1100							1000 710011	-				00
US		- AC	300-399			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	н	W	795 ACSR		1	1 17718 SWPS		100
					140					п	VV	795 AUSK		1	1 1//10 SWPS		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		1590 ACSR	2	1	1 OG&E		100
					1730					miname		1000 A00K	-		1 COUL		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	e 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	e 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								
	SPP					- :											
US		- AC	300-399	345		. 1	2014 Tuco	Stateline*	175.0 OH								
US	SPP	- AC	121-150	138	106	12	2010 Chiloco	OG&E 138	3.5 OH	Н	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	Н	W	795 ACSR	1	2	1 WFEC		100
US	SPP	- AC	200-299	230	829	1	2012 Sellers Road	Segura	19.0 OH	н	S	795 Drake ACSR	2	1	1 Cleco		100
	0										-		-				
US	SPP	- AC	200-299	230	829	1	2012 Richard	Sellers Road	32.0 OH	Н	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 P	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	Р.	S	1192.5 ACSR	2	2	2 22500 Westar Energy	1	100
US	SPP	- AC	300-399	345	1793	3	2010 Tatonga	Northwest	71.5 OH	Single P		1590 ACSR	2	2	1 OG&E		100
US		Desert SW AC	400-599	500	1000	06	2012 Phoenix AZ	Phoenix AZ	15	TBD	TBD	TBD TBD TBD	TBD	TBD	803 APS	ı	100
US	WECC	Desert SW AC	200-299	230	1200	06	2012 Phoenix AZ	Phoenix AZ	4	TBD	TBD	TBD TBD TBD	TBD	TBD	803 APS	1	100
US	WECC	Desert SW AC	200-299	230	1200	06	2012 Phoenix AZ	Phoenix AZ	12	TBD	TBD	TBD TBD TBD	TBD	TBD	803 APS	i 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	803 APS	1	APS-50%; SI
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	803 APS	1	100
US	WECC	Desert SW AC	200-299	230	1200	06	2014 Phoenix AZ	Phoenix AZ	21	TBD	TBD	TBD TBD TBD	TBD	TBD	803 APS	1	100
US	WECC	Desert SW AC	200-299	230	1200	06	2014 Phoenix AZ	Phoenix AZ	6	TBD	TBD	TBD TBD TBD	TBD	TBD	803 APS		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	803 APS	1	100
US	WECC	Desert SW AC	200-299	230	1200	06	2010 Peoria AZ	Pioneer AZ	9	TBD	TBD	TBD TBD TBD	TBD	TBD	803 APS	1	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	803 APS	i	APS-80%: S
US	WECC	Desert SW AC	400-599	500	1200	06	2014 Wintersburg AZ	Yuma AZ	115	TBD	TBD	TBD TBD TBD	TBD	TBD	803 APS	ı	APS-40%; SI
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	803 APS	1	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	803 APS		100
																	100
US	WECC	Desert SW AC	400-599	500	1200	06	2016 Northwest of Phoenix A		40	TBD	TBD	TBD TBD TBD	TBD	TBD	803 APS		APS-80%; S
US	WECC	Desert SW AC	400-599	500	1300	04	2014 Four Corners NM	Red Mesa AZ	189						DPA	0	10
US	WECC	Desert SW AC	400-599	500	1300	06	2014 Moenkopi AZ	Marketplace NV	218						DPA	Ó	10
															DPA	ő	
US	WECC	Desert SW AC	400-599	500	1300	12	2014 Red Mesa AZ	Moenkopi AZ	62								10
US	WECC	Desert SW AC	400-599	500	1405	05	2011 Coolidge, AZ	Mesa, AZ	0	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	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	16572 SRP	Š	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	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	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	16572 SRP	Š	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	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	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	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	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	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	16572 SRP	S	various
US	WECC	Desert SW AC	400-599	500	3000	01	2014 Corona, NM	Coolidge AZ	500 OH	Guyed \	/ Tubular		3	1	1 SWPG	Other	Participation I
														TBD			
US	WECC	Desert SW AC	200-299	230	320	01	2011 Stirling Mountain NV	Northwest NV	41	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	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	19840 VEA	Other	100
US	WECC	Desert SW AC	100-120	115	156.6	12	2011 El Paso, Tx	FI Paso Tx	10.3	TBD	S	954 ACSR	1	1	1 5701 EPE	1	100
													;	2 TDD		i	
US	WECC	Desert SW AC	100-120	115	156.6	05	2010 El Paso, Tx	El Paso,Tx	14.5	TBD	S	954 ACSR	!	2 TBD	5701 EPE	1	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	1	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	1	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	4	1 TBD	5701 FPF	1	100
													- 1			- 1	
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	1	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	0	Unspecified
US	WECC	Desert SW AC	400-599	500	3585	06	2011 Las Vegas NV	Las Vegas NV	1 OH	Т	S	1590 ACSR	3	1	1 13407 NEVP	Ĺ	100
US	WECC	Desert SW AC	200-299	230	1200				75 OH	÷	-	954 ACSR	2	2	2 13407 NEVP	- 1	VFA 100%
						06	2012 Las Vegas NV	Mercury NV			S		2	4		1	
US	WECC	Desert SW AC	200-299	230	1200	06	2018 Las Vegas NV	Las Vegas NV	1 OH	T	S	954 ACSR	2	2	2 13407 NEVP	1	100
US	WECC	Desert SW AC	200-299	230	1200	06	2018 Las Vegas NV	Las Vegas NV	1 OH	T	S	954 ACSR	2	2	2 13407 NEVP	1	100
US	WECC	Desert SW AC	200-299	230	810	06	2018 Las Vegas NV	Las Vegas NV	18 OH	Ť	S	954 ACSR	2	1	1 13407 NEVP	i	100
										-	-		_	1		1	
US	WECC	Desert SW AC	200-299	230	810	06	2018 Las Vegas NV	Las Vegas NV	18 OH	T	S	954 ACSR	2	1	1 13407 NEVP	1	100
US	WECC	Desert SW AC	200-299	230	810	06	2018 Las Vegas NV	Las Vegas NV	4 OH	T	S	954 ACSR	2	1	1 13407 NEVP	1	100
US	WECC	Desert SW AC	400-599	500	3000	06	2018 Las Vegas NV	Las Vegas NV	8 OH	Ť	Š	1590 ACSR	3	2	2 13407 NEVP	i	100
										÷	-		-	-		1	
US	WECC	Desert SW AC	400-599	500	3000	06	2018 Las Vegas NV	Las Vegas NV	8 OH	ı	S	1590 ACSR	3	2	2 13407 NEVP	I	100
US	WECC	Desert SW AC	400-599	500	3000	06	2013 Las Vegas NV	Las Vegas NV	28 OH	T	S	1590 ACSR	3	1	1 13407 NEVP	1	100
US	WECC	Desert SW AC	200-299	230	810	06	2018 Las Vegas NV	Las Vegas NV	16 OH	Ť	Š	954 ACSR	2	1	1 13407 NEVP	1	100
US	WECC	Desert SW AC	200-299	230	810	06	2018 Las Vegas NV	Las Vegas NV	1 OH	÷	S	954 ACSR	2	1	1 13407 NEVP	i	100
											-		_	1		1	
US	WECC	Desert SW AC	200-299	230	810	06	2018 Las Vegas NV	Las Vegas NV	16 OH	T	S	954 ACSR	2	1	1 13407 NEVP	1	100
US	WECC	Desert SW AC	400-599	500	3000	01	2012 Boulder City NV	Lathrop WellsNV	110 OH	T	S	1590 ACSR	3	1	1 13407 NEVP	1	0% (WAPA O
US	WECC	Desert SW AC	400-599	500	3000	01	2012 Las Vegas NV	Lathrop WellsNV	75 OH	Ť	Š	1590 ACSR	3	1	1 13407 NEVP	i	100
										TDC			J	TOD		1	
US	WECC	Desert SW AC	400-599	500 TB		06	2015 Las Vegas NV	Las Vegas NV	0 OH	TBD	TBD	TBD TBD TBD	TBD	TBD	13407 NEVP	1	100
US	WECC	Desert SW AC	400-599	500 TB	3D	06	2016 Las Vegas NV	Las Vegas NV	0 OH	TBD	TBD	TBD TBD TBD	TBD	TBD	13407 NEVP	1	100
							-										

US	WECC Desert SV	V AC	200-299	230 810	06	2018 Las Vegas NV Las Vegas NV	5 C	лн т	s	954 ACSR	2	1	1 13407 NEVP	1		100
US	WECC Desert SV		100-120	115 123	05	2012 San Manuel AZ San Manuel AZ	4.5 C			1272 ACSR	1	1	1 SWTC	;		100
US	WECC Desert SV		100-120	115 219	06	2011 Pima County, AZ Pima County, AZ			0, W	1272 ACSR	1	1	1 SWTC			62
US	WECC Desert SV		100-120	115 219	06	2011 Red Rock, AZ Marana, AZ	8.5 C		S	1272 AGSR 1272 ACSR	1	1	4 SWTC			71
									-		1	4				
US	WECC Desert SV		100-120	115 219	06	2012 Marana, AZ Pima County, AZ			S	1272 ACSR	!	1	1 SWTC	Ç		71
US	WECC Desert SV		100-120	115 219	06	2011 Pima County, AZ Pima County, AZ	2.6 C		W	1272 ACSR	1	1	1 SWTC	(62
US	WECC Desert SV		100-120	115 219	06	2011 Pima County, AZ Pima County, AZ			W	1272 ACSR	1	1	1 SWTC	(-	100
US	WECC Desert SV	V AC	100-120	115 219	06	2011 Pima County, AZ Pima County, AZ	2.8 C	ЭН Н	W	1272 ACSR	1	1	1 SWTC	(2	100
US	WECC Desert SV	V AC	100-120	115 219	06	2014 Pima County, AZ Pima County, AZ	13.71 C	н н	W	1272 ACSR	1	1	1 SWTC	(100
US	WECC Desert SV	V AC	100-120	115 219	06	2011 Marana, AZ Marana, AZ	0.2 C	O HC	W	1272 ACSR	1	1	1 SWTC	(100
US	WECC Desert SV	V AC	200-299	230 TBD	06	2016 Cochise, AZ Benson, AZ	16 C	н н	W	TBD TBD	1	1	1 SWTC	(100
US	WECC Desert SV	V AC	200-299	230 TBD	06	2017 Benson, AZ Sahuarita, AZ	68.7 C	н н	W	TBD TBD	1	1	1 SWTC	(100
US	WECC Desert SV		300-399	345 1195	06	2019 Vail. AZ Tucson, AZ	11 ()H P	S	954 ACSS	2 n/a		1 24211 TEP	Ĺ		TBD
US	WECC Desert SV		300-399	345 1195	06	2019 Tucson, AZ Sahuarita, AZ	16 0)H P	Š	954 ACSS	2 n/a		1 24211 TEP	i		TBD
US	WECC Desert SV		300-399	345 1195	06	2019 Red Rock, AZ Marana, AZ	15 C		s	954 ACSS	2 n/a		1 24211 TEP	i		TBD
US	WECC Desert SV		100-120	115 232	12	2012 Dulce, NM Navajo Lake State			Be Det W	795 ACSR	4	4	1 30151 TSGT	;		100
US	WECC Desert SV		100-120	115 232	12	2012 Duice, NW Navajo Lake State 2016 Elephant Butte, NM Las Cruces, NM	eraik, 36 C		Be Det W	477 ACSR	1	1	1 30151 TSGT			100
											2	2		,	•	
US	WECC CAL N	AC	200-299	230 800 and 2	12	2016 Collinsvills, CA Pittsburg, CA		OH and ! T	S	2300 kcmi AL	2	2	2 14328 PG&E	!		100
US	WECC CAL N	AC	200-299	230 TBD	05	2012 Rio Oso Gold Hill	28.5 C		S	TBD TBD	1	1	1 14328 PG&E			100
US	WECC CAL N	AC	100-120	115 TBD	05	2011 Sanger Reedley	20 C		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 C		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			S	795 kcmil ACSS	1	2	2 14328 PG&E	- 1		100
US	WECC CAL N	AC	200-299	230 TBD	05	2012 Embarcadero Potrero	3 L	JG U	TBD	TBD TBD	1	1	1 14328 PG&E	1		100
US	WECC CAL N	AC	100-120	115 164	05	2011 Sanger California Ave	9.3 C	DH P	W	1113 AL	1	2	2 14328 PG&E	1		100
US	WECC CAL N	AC	400-599	500 3000	12	2016 Selkirk BC Collinsville CA	1200 E	C T	S	TBD TBD	3	2	2 14328 PG&E	1		51-67 PG&E,
US	WECC CAL N	DC	400-599	500 3000	12	2016 Selkirk BC Collinsville CA	1300 E		Š	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 C		s	TBD TBD	1	2	2 14328 PG&E	i		100
US	WECC CALIN	AC	200-299	230 TBD	05	2012 Midway San Luis Obispo			S	TBD TBD	1	2	2 14328 PG&F	i		100
											1	4				
US	WECC CAL N	AC	100-120	115 224	05	2010 multiple multiple	14 0		w	477 ACSS	1	1	1 14328 PG&E	!		100
US	WECC CAL N	AC	100-120	115 TBD	05	2012 San Mateo Bay Meadows	4.5 C		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 C		W	477 ACSS	1	1	1 14328 PG&E	- 1		100
US	WECC CAL N	AC	100-120	115 TBD	05	2012 Missouri Flat Gold Hill	25 C	т но	S	TBD TBD	1	2	2 14328 PG&E	1		100
US	WECC CAL N	AC	100-120	115 TBD	06	2012 Placer Horseshoe	16 C	т но	S	TBD TBD	1	2	2 14328 PG&E	1		100
US	WECC CALN	AC	100-120	115 224	12	2011 Lagunitas Switches Anzar Junction	6.6 0)H P	S	477 ACSS	1	2	2 14328 PG&E	1		100
US	WECC CAL N	AC	200-299	230 658	05	2014 Vaca Dixon Substation (Lakeville Substati			Š	1113 kcmi AL	i	2	2 14328 PG&E	i		100
US	WECC CAL N	AC	200-299	230 1366	05	2013 Telsa Substation (Liverr Newark Substatio			s	954 kcmil ACSS	2	2	2 14328 PG&E	i		100
US	WECC CAL N	AC	100-120	115 126	05	2011 Tesla Substation (Liver Newark Substation 2011 Tesla Schulte, Salado, I			w	715 AL	4	4	1 14328 PG&E	- :		100
											!			:		
US	WECC CAL N	AC	100-120	115 164	05	2011 Palermo Rio Oso	70 C		S	1113 AL	1	2	2 14328 PG&E	!		100
US	WECC CAL N	AC	100-120	115 224	05	2011 Atlantic Lincoln	13 C		W	477 ACSS	1	1	1 14328 PG&E			100
US	WECC CAL N	AC	100-120	115 224	12	2010 Lincoln Rio oso	11 C		W	477 ACSS	1	1	1 14328 PG&E			100
US	WECC CAL N	AC	100-120	115 TBD	05	2014 Ames Ravenswood and			S	TBD TBD	1	1	1 14328 PG&E	- 1		100
US	WECC CAL N	AC	100-120	115 224	12	2010 Moss Landing Soledad	10.4 C	DH P	W	477 ACSS	1	1	1 14328 PG&E	1		100
US	WECC CAL N	AC	400-599	500 2146	12	2017 Bakersfield, Ca Fresno, Ca	280 C	т но	S	2300 kcmi AL	2	2	2 14328 PG&E	1		100
US	WECC CAL N	AC	200-299	230 754	05	2011 Vaca Dixon Substation (Birds Landing Sw	itching 50 C	т н	S	1113 kcmi ACSS	1	2	2 14328 PG&E	1		100
US	WECC CALN	AC	200-299	230 754	05	2010 Birds Landing Switching Contra Costa Sub			Š	1113 kcmi ACSS	1	2	2 14328 PG&E	i		100
US	WECC CAL N	AC	200-299	230 1366	05	2014 Newark Substation (Fre Ravenswood Sub-			S	954 kcmil ACSS	2	2	2 14328 PG&E	i		100
US	WECC CALIN	AC	100-120	115 157	05	2011 Oakland "X" Oakland "C"	3.7 L			TBD TBD	4	1	1 14328 PG&F	- :		100
											1					
US	WECC CAL N	AC	200-299	230 683	05	2014 Pittsburg Substation (Pi Telsa Substation			S	954 kcmil ACSS	1	2	2 14328 PG&E	!		100
US	WECC CAL N	AC	200-299	230 683	05	2014 Contra Costa Substatioi Moraga Substatio			S	954 kcmil ACSS	1	2	2 14328 PG&E	1		100
US	WECC CAL N	AC	200-299	230 658	12	2011 Lakeville Substation (P€ Lakeville Substati			S	1113 kcmi AL	1	2	2 14328 PG&E	1		100
US	WECC CAL N	AC	200-299	230 600	04	2012 O'Banion CA Elverta CA	26 C		el Pole Steel	954 kcmil ACSR	2	2	2 N/A WASN	F	-	100
US	WECC CALS	AC	200-299	230 494 MVA	06	2012 Palm Springs CA Coachella CA	0.8 C			TBD TBD TBD	TBD	TBD	17609 SCE	1		SCE: 100%
US	WECC CALS	AC	200-299	230 TBD	07	2013 Boulder City NV Primm NV	35 C	DH TBE	D TBD	TBD TBD TBD	TBD	TBD	17609 SCE	1		SCE: 100%
US	WECC CAL S	AC	200-299	230 1287 MVA	08	2011 Rosamond CA Rosamond CA	4 C	OH TBE	D TBD	TBD TBD TBD	TBD	TBD	17609 SCE	1		SCE: 100%
US	WECC CALS	AC	200-299	230 1287 MVA	08	2011 Rosamond CA Rosamond CA	4 C	DH TBE	D TBD	TBD TBD TBD	TBD	TBD	17609 SCE	1		SCF: 100%
US	WECC CALS	AC	400-599	500 3421 MVA	03	2011 Lancaster CA Vincent CA	18 C	он тво	D TBD	TBD TBD TBD	TBD	TBD	17609 SCE	1		SCE: 100%
US	WECC CALS	AC	200-299	500 988 MVA	11	2012 Irwindale CA Lancaster CA	27 0			TBD TBD TBD	TBD	TBD	17609 SCE	i		SCE: 100%
US	WECC CALS	AC	400-599	500 3421 MVA	11	2012 Mira Loma CA Vincent CA	5 C			TBD TBD TBD	TBD	TBD	17609 SCE	i		SCE: 100%
US	WECC CALS	AC	400-599	500 3421 MVA	11	2012 Mira Loma CA Vincent CA	16 0			TBD TBD TBD	TBD	TBD	17609 SCE	i		SCE: 100%
US	WECC CALS	AC	400-599	500 3421 WV#	06	2011 Monterey Park CA Orange CA	40 C			TBD TBD TBD	TBD	TRD	17609 SCE			SCE: 100% SCE: 100%
US	WECC CALS	AC	400-599	500 3421 MVA	10	2011 Rosamond CA Mohave CA	17 C			TBD TBD TBD	TBD	TBD	17609 SCE	!		SCE: 100%
US	WECC CALS	AC	400-599	500 TBD	11	2013 Monterey Park CA Vincent CA	19 C			TBD TBD TBD	TBD	TBD	17609 SCE			SCE: 100%
US	WECC CALS	AC	400-599	500 3950 AMF	06	2010 Tehachapi CA Saugus CA	82.7 C			TBD TBD TBD	TBD	TBD	17609 SCE	- 1		SCE: 100%
US	WECC CALS	AC	200-299	230 3950 AMF	06	2010 Desert Center CA Blythe CA	66 C			1033 ACSR	3	1	1 17609 SCE	- 1		SCE: 100%
US	WECC CAL S	AC	200-299	230 1240 AMF	06	2019 Palm Springs CA Mirage CA	15 C			TBD TBD TBD	TBD	TBD	17609 SCE	1		SCE: 100%
US	WECC CAL S	AC	200-299	230 3230 AMF	10	2012 Rector CA Springville CA	38 C	DH TBE	D TBD	TBD TBD TBD	TBD	TBD	17609 SCE	1		SCE: 100%
US	WECC CALS	AC	400-599	500 3950 Amp	06	2013 Tehachapi CA Mira Loma CA	250 C	он тво	D TBD	TBD TBD TBD	TBD	TBD	17609 SCE	1		SCE: 100%
US	WECC CALS	AC	400-599	500 2700 AMF	04	2013 Colorado River CA Devers CA	115 C			TBD TBD TBD	TBD	TBD	17609 SCE	i		SCE: 100%
US	WECC CALS	AC	400-599	500	04	2013 Valley CA Devers CA	42 0	OH TBE	D TBD	TBD TBD TBD	TBD	TBD	17609 SCE	i		SCE: 100%
US	WECC CALS	AC	200-299	500 3421 MVA	06	2011 Lancaster CA Mohave CA	26 C			TBD TBD TBD	TBD	TBD	17609 SCE	i		SCF: 100%
US	WECC CALS	AC	200-299	500 1287 MVA	06	2011 Tehachapi CA Mohave CA	10 C			TBD TBD TBD	TBD	TBD	17609 SCE	- 1		SCE: 100%
US	WECC CALS	AC	200-299	220 TBD	01	2010 Victor CA Lugo CA	10 C			TBD TBD TBD	TBD	TBD	17609 SCE	1		JOL. 10070
					06			JH IBL NA			וסטו	U	1 9216 IID	1		100
US	WECC CALS	AC	200-299			2011 SG&E/IID's, Imperial Va IID's El Centro Sv						•				
US	WECC CALS	AC	200-299	230 654	06	2011 IID's Midway station 8.5 miles west of		NA TO		1-1590 M(ACSS/TW NA		0	1 9216 IID	Ç	-	100
US	WECC CALS	AC	400-599	525 2000	01	2015 Eagle Mtn. CA Devers	70 C			2156 ACSR	2	2	2 19 GEE LLC		Other	100
US	WECC CALS	AC	400-599	525 1200	06	2015 Eldorado, NV Iron Mtn, CA	170 C			2156 ACSR	1	1	1 19 GEE LLC		Other	100
US	WECC CAL S	AC	400-599	525 1200	06	2015 Iron Mtn. CA Devers, CA	100 C			2156 ACSR	1	1	1 19 GEE LLC		Other	100
US	WECC CALS	DC	400-599	500 2000	06	2015 Devers, CA M. Loma, CA	60 L	JG N/A	N/A	TBD TBD N/A	N/A	N/A	GEE LLC	(Other	100
US	WECC CAL S	DC	400-599	500 2400	12	2010 Intermountain UT Adelanto CA	0 0	т но	S	2312 ACSR	3	1	1 11208 LADWP	N	Л	IPA
US	WECC CALS	AC	200-299	230 950	08	2013 Haskell CA Castaic CA	12 0	DH T	Š	715.5 OT	2	0	1 11208 LADWP	N	И	LDWP - 100%
US	WECC CALS	AC	200-299	230 950	08	2013 Barren Ridge CA Haskell CA	61 0		s	715.5 OT	2	0	2 11208 LADWP	N	4	LDWP - 100%
US	WECC CALS	AC	200-299	230 650	08	2013 Barren Ridge CA Rinaldi CA	76 C		S	1433.6 OT	1	1	1 11208 LADWP	,		LDWP - 100%
US	WECC CALS	AC	200-299	230 500 04	00	2014 Scattergood Generating Olympic Receivin			0	2500 CU	1	0	1 11208 LADWP			LADWP - 100
US	WECC CALS	AC	200-299	230 500 04	06	2010 Encina Penasquitos	12 C		S	1033 ACSR	2	2	2 16609 SDGE	ľ		100 100
US	WELL CALS	AC	200-299	230 000	00	zoro Encina renasquitos	11 C) II P	0	1033 ACSK	2	4	2 10009 SDGE	1		100

US US US	WECC CALS WECC CALS WECC CALS WECC CALS	AC AC AC AC	200-299 200-299 400-599 121-150	230 1326* 230 1326* 500 2598** 138 478	01 01 01 06	2012 Suncrest 2012 Suncrest 2012 Imperial Valley 2010 SH	Sycamore Canyon Sycamore Canyon Suncrest Meadow Lark Juntion	91 OH 0 OH	T, P, U S T S P S	8	900 ACSS*** 900 ACSS*** 1033 ACSR*** 1033 ACSR	2 2 3 2	0 0 0 2	2 2 1 2	16609 SDGE 16609 SDGE 16609 SDGE 16609 SDGE	 		100 100 100 100
US	WECC RMPA WECC RMPA	AC AC	100-120 200-299	230 1200 AMF 230 500	40210 40848	2010 Sandown CO 2011 Chambers CO	Leetsdale CO Spruce CO				TBD TBD TBD	TBD TBD	TBD TBD		15466 PSC 15466 PSC	- 1		100 100
US	WECC RMPA	AC	200-299	230 500	40848	2011 Chambers CO	Tower CO	8 TBD	TBD T	BD	TBD TBD TBD	TBD	TBD		15466 PSC	i		100
US	WECC RMPA WECC RMPA	AC AC	200-299 300-399	230 500 345 1200		2011 Spruce CO 2011 Midway CO	Tower CO Waterton CO				TBD TBD TBD	TBD TBD	TBD TBD		15466 PSC 15466 PSC			100 100
US	WECC RMPA	AC	300-399	345 735	41395	2013 Pawnee CO	Smoky Hill CO				TBD TBD TBD	TBD	TBD		15466 PSC	į		100
US US	WECC RMPA WECC RMPA	AC AC	100-120 100-120	115 222 115 222		2010 Pueblo CO 2010 Pueblo CO	Pueblo CO Pueblo CO	0 0	P S H W		795 ACSR 795 ACSR	1	1	1	1415 BHCE 1415 BHCE			100 100
US	WECC RMPA	AC	100-120	115 222	40908	2011 Pueblo CO	Pueblo CO	3 OH	H V		795 ACSR	1	1	1	1415 BHCE	į		100
US US	WECC RMPA WECC RMPA	AC AC	100-120 100-120	115 222 230 222		2011 Pueblo CO 2011 Pueblo CO	Pueblo CO Pueblo CO		H W		795 ACSR 1272 ACSR	1	1	1	1415 BHCE 1415 BHCE	- 1		100 100
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	į		100
US US	WECC RMPA WECC RMPA	AC AC	200-299 200-299	230 558 230 558		2015 Osage WY 2013 Teckla WY	Rapid City SD Osage WY		H W		1272 ACSR 1272 ACSR	1 1	1	1	19545 BHP 19545 BHP	- 1		100 100
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	!		100
US US	WECC RMPA WECC RMPA	AC AC	200-299 200-299	230 398 230 472		2011 Longmont CO 2011 Fort Collins CO	Platteville CO Loveland CO		P S		OH 954, L OH ACSR OH 954, L OH ACSR	1 1	2	2	15143 PRPA 15143 PRPA	M		100 100
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 US	WECC RMPA WECC RMPA	AC AC	100-120 100-120	115 166 115 166		2010 Slamelson CO 2010 Richard Lake CO	Garnet Mesa CO Wellington CO	15 OH 8 OH	P/H W P W		477 ACSR 477 ACSR	1	1	1	30151 TSGT 30151 TSGT	C		100 100
US	WECC RMPA	AC	100-120	115 166	41274	2012 Nucla CO	Telluride CO	50 OH/UG			477 ACSR/AL	1	1	1	30151 TSGT	Ċ		100
US US	WECC RMPA WECC RMPA	AC AC	200-299 300-399	345 (2) 613 345 (2) 1700	41547 41547	2013 Alamosa County, CO 2013 Huerfano County, CO	Huerfano County, CO Pueblo, CO	00 011	T S		1272 ACSR 1272 ACSR	1	2	2	30151 TSGT 30151 TSGT		/1 /1	40 / 60 40 / 60
US	WECC RMPA	AC	200-299	230 613	41547	2013 Huerfano County, CO	Pueblo, CO		T S		477 ACSR	1	1	1	30151 TSGT	C	/1	40 / 60
US US	WECC RMPA WECC RMPA	AC AC	100-120 100-120	115 166 115 166		2011 Reunion, CO 2012 Brighton, CO	Brighton, CO Brighton, CO	5 OH 4 OH	T S	3	477 ACSR 477 ACSR	1	1	1	30151 TSGT 30151 TSGT	C		100 100
US	WECC RMPA	AC	200-299	230 613	41274	2012 Burlington, CO	Wray, CO		To Be Det T		1272 ACSR	1	1	1	30151 TSGT	C		100
US US	WECC RMPA WECC RMPA	AC AC	200-299 200-299	230 613 230 613		2012 Archuleta County, CO 2012 Shiprock, NM	Durango CO La Plata County, CO		To Be Det T T S		1272 ACSR 1272 ACSR	1	1	1	30151 TSGT 30151 TSGT	C		100 100
US US	WECC RMPA WECC RMPA	AC AC	200-299 100-120	230 613 115 166	41639 41090	2013 Cheyenne, WY 2012 Yuma County, CO	Cheyenne, WY To Be Determined	10 OH 20 OH	T S To Be Det T		1272 ACSR 477 ACSR	1	2	2	30151 TSGT 30151 TSGT	C		100 100
US	WECC RMPA	AC	100-120	115 166		2016 Pagosa Springs, CO	To Be Determined		To Be Det V		477 ACSR 477 ACSR	1	1	1	30151 TSGT	c		50
US US	WECC RMPA WECC RMPA	AC AC	100-120 200-299	115 166 230 407	42735 40299	2016 Montrose, CO 2010 Cheyenne WY	Montrose County, CO Ault CO		To Be Det W		477 ACSR 1,272 KCN ACSR	1	1	1	30151 TSGT 27000 WACM	C		50 100
US	WECC RMPA	AC	100-120	230 239	40452	2010 Crieyerine WY 2010 Erie, CO	Hoyt, CO	45.3 OH	P S	•	1272 KCN ACSR	1	1	2	27000 WACM	F		100
US US	WECC RMPA WECC RMPA	AC AC	100-120 100-120	115 331 115 331		2015 Alcova, WY 2016 Alcova, WY	Miracle Mile (West), WY Casper (South), WY		H W		795 KCM ACSS 795 KCM ACSS	1	1	1	27000 WACM 27000 WACM	F		100 100
US	WECC RMPA	AC	200-299	230 478	40817	2011 Boyd (Larimer county)	Weld County, Co	12.7 OH	P S	3	1272 KCN ACSR	1	1	2	27000 WACM	F		100
US US	WECC RMPA WECC RMPA	AC AC	100-120 100-120	115 331 115 331	41548 43374	2017 Casper (South) WY 2018 Alcova, WY	Dave Johnston Substatio Miracle Mile (East), WY		H W		795 KCM ACSS 795 KCM ACSS	1	1	1	27000 WACM 27000 WACM	F		100 100
US	WECC RMPA	AC	100-120	115 331	43739	2019 Alcova, WY	Casper (North), WY	28.6 OH	H V	v	795 KCM ACSS	1	i	1	27000 WACM	F		100
US US	WECC RMPA WECC RMPA	AC AC	100-120 100-120	115 331 115 331	42644 41183	2018 Casper (North), WY 2012 Lovell, WY	Dave Johnston Substatio Yellowtail, MT		H W		795 KCM ACSS 795 KCM ACSS	1	1	1	27000 WACM 27000 WACM	F		100 100
US	WECC RMPA	AC	100-120	115 331	41183	2013 Lovell, WY	Basin, WY	38.6 OH	H V	v	795 KCM ACSS	1	i	1	27000 WACM	F		100
US US	WECC RMPA WECC Basin	AC AC	100-120 200-299	115 179 230 339		2010 Ault, CO 2011 Midpoint, ID	Black Hollow, CO King, ID		H V H-05 V	•	795 KCM ACSR 715.5 ACSR	1 1	1	1	27000 WACM 9191 IPC	F		100 100
US	WECC Basin	AC	200-299	230 339	40817	2011 King, ID	DRAM, ID	80	H-05 V	v	715.5 ACSR	1	1	1	9191 IPC	i		100
US US	WECC Basin WECC Basin	AC AC	200-299 200-299	230 339 230 493		2011 Midpoint, ID 2012 Ontario, OR	DRAM, ID South of New Plymouth,		H-05 W		715.5 ACSR 1272 ACSR	1 1	1	1	9191 IPC 9191 IPC	-		100 100
US	WECC Basin	AC	200-299	230 493		2012 South of New Plymout	h Caldwell, ID		H W		1272 ACSR	1	1	1	9191 IPC			100
US US	WECC Basin WECC Basin	AC AC	200-299 121-150	230 493 230 296	41061 41061	2012 Ontario, OR 2012 South of New Plymout	Caldwell, ID h Caldwell, ID		H W		1272 ACSR 1590 ACSR	1	1	1	9191 IPC 9191 IPC			100 100
US	WECC Basin	AC	200-299	230 550	40330	2010 Walters Ferry, ID	Bowmont, ID	8	TDC S	3	1590 ACSR	1	1	2	9191 IPC	į		100
US US	WECC Basin WECC Basin	AC AC	200-299 400-599	230 550 500 3000		2015 Walters Ferry, ID 2010 Shoshone, ID	Bowmont, ID Walters Ferry, ID		TDC S		1590 ACSR 1272 ACSR	1 3	0 1	2	9191 IPC 9191 IPC	- 1		100
US	WECC Basin WECC Basin	AC	400-599 400-599	500 3000 500 3000	40330	2010 Walters Ferry, ID	Burns, OR	134	H W		1272 ACSR	3	1	1	9191 IPC 9191 IPC	1		
US	WECC Basin	AC AC	400-599	500 3000		2010 Shoshone, ID 2015 Walters Ferry, ID	Burns, OR Boardman, OR				1272 ACSR TBD ACSR TBD	3	1	1	9191 IPC 9191 IPC	i		100
US US	WECC Basin WECC Basin	AC AC	300-399 300-399	345 1386 500 2079		2016 American Falls, ID 2016 Shoshone, ID	Pocatello, ID Pocatello, ID		H S		1272 ACSR 1272 ACSR	2	1	1	9191 IPC 9191 IPC	- !		100 100
US	WECC Basin	AC	300-399	345 1386		2016 Shoshone, ID	Pocatello, ID		H S		1272 ACSR 1272 ACSR	2	1	1	9191 IPC	i		100
US US	WECC Basin WECC Basin	AC AC	400-599 400-599	500 3000 500 3000		2016 Hollister, ID 2016 Downey, ID	Walters Ferry, ID American Falls, ID				TBD ACSR TBD TBD ACSR	2	1	1	9191 IPC 9191 IPC	- !		unknown at thunknown at th
US	WECC Basin	AC	400-599	500 3000	42522	2016 Shoshone, ID	American Falls, ID	84	H S	3	1272 ACSR	3	i	1	9191 IPC	i		100
US	WECC Basin WECC Basin	AC AC	400-599 400-599	500 3000 500 3000		2017 Hollister, ID 2017 Shoshone ID	Shoshone, ID Walters Ferry, ID		TBD T	BD	TBD ACSR TBD TBD ACSR TBD		1	1	9191 IPC 9191 IPC	- 1		unknown at th 100
US	WECC Basin	AC	200-299	230 550	43617	2019 Eagle ID	Boise ID	14	TBD S	3	TBD ACSR TBD		i	1	9191 IPC	i		100
US	WECC Basin WECC Basin	AC AC	200-299 200-299	230 394 230 394	43617 43617	2019 Brownlee ID 2019 Brownlee ID	Boise ID Eagle ID		V-01 S V-01 S		954 ACSR 954 ACSR	1	1	1	9191 IPC 9191 IPC	-		100 100
US	WECC Basin	AC	200-299	230 394	43617	2019 Eagle ID	Boise ID	22	V-01 S	3	954 ACSR	1	1	1	9191 IPC	į		100
US US	WECC Basin WECC Basin	AC AC	121-150 121-150	345 600 345 600		2019 Central, UT 2019 Central, UT	St.George,UT St.George,UT		T S		1272 ACSR 1272 ACSR	2	2	2	14354 PAC 14354 PAC			100 100
US	WECC Basin WECC Basin	AC AC	300-399	345 600 345 600		2019 Central, UT	St.George,UT	20 OH	T S		1272 ACSR	2	2 N/A	2	14354 PAC	į		100
US	WECC Basin WECC Basin	AC	300-399 300-399	345 600 345 1163		2012 South Jordan, UT 2010 Cedar City,UT	SLC,UT Cedar City, UT			VA VA	N/A N/A N/A N/A N/A	N/A N/A	N/A N/A		14354 PAC 14354 PAC	- 1		100
US	WECC Basin WECC Basin	AC AC	300-399 200-299	345 600 230 800	6/30/2010 (F 40298	2010 Downey, ID 2010 Casper,WY	SLC,UT Dave Johnston substatio	100 011	P S		1272 ACSR 1572 ACSS	2	2	2	14354 PAC 14354 PAC	!		100 100
US	WECC Basin	AC	200-299	230 800	40543	2010 Casper,WY	Dave Johnston substatio	36.18 0H	H V	v	1572 ACSS	1	1	1	14354 PAC	i		100
US US	WECC Basin WECC Basin	AC AC	300-399 300-399	345 1396 345 1163		2010 Bluffdale,UT 2014 Sigurd, UT	SLC,UT Central.UT	10 OH 165 OH	P S		1272 ACSR 954 ACSR	2	2	2	14354 PAC 14354 PAC	- [100 100
00	.veco basiii	70	300-333	U-10 1103	71020	2017 Olgara, UT	Contrar, O i	100 011		•	JULY HOOK	2			1.004 1 AO	'		100

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US	WECC	Basin	AC	400-599		681.5 TBD		2018 Carbon County, WY	Mona, UT	400 OH	1	S	1949.6 ACSR/TW	3	1	1	14354 PAC	1	100
US	WECC	Basin	AC	300-399			41455	2013 Mona, UT	Tooele County,UT	65 OH	T	S	1949.6 ACSR/TW	1	1	1	14354 PAC	1	100
US	WECC	Basin	AC	300-399		1396	41455	2013 Tooele County, UT	South Jordan, UT	32 OH	T	S	1272 ACSR	2	2	2	14354 PAC	1	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	1	100
US	WECC	Basin	AC	200-299	230	888 TBD		2015 Windstar, WY	Carbon County, WY	76 OH	н	W	1272 ACSR	2	2	2	14354 PAC	1	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		681.5 TBD				154 OH	T T	S	1949.6 ACSR/TW	3	4	4	14354 PAC	1	100
								2015 Carbon County, WY	Rock Springs, WY					3	!		14354 PAC 14354 PAC		100
US	WECC	Basin	AC	400-599		681.5 TBD		2015 Rock Springs, WY	Rock Springs, WY	154 OH	T	S	1949.6 ACSR/TW	-	1	1		!	100
US	WECC	Basin	AC	400-599		681.5 TBD		2015 Rock Springs, WY	Downey, ID	203 OH	Т	S	1949.6 ACSR/TW	3	1	1	14354 PAC	1	100
US	WECC	Basin	AC	400-599	500 3	681.5 TBD)	2015 Rock Springs, WY	Downey, ID	203 OH	T	S	1590 ACSR	3	1	1	14354 PAC	1	100
US	WECC	Basin	AC	400-599	500 3	681.5 TBD)	2018 Carbon County, WY	Mona, UT	400 OH	T	S	1949.6 ACSR/TW	3	1	1	14354 PAC	1	100
US	WECC	Basin	AC	400-599	500 3	681.5 TBD)	2018 Mona, UT	Sigurd, UT	44 OH	Т	S	1949.6 ACSR/TW	3	1	1	14354 PAC	1	100
US	WECC	Basin	AC	400-599		681.5 TBD		2018 Sigurd, UT	Red Butte, UT	184 OH	Ť	S	1949.6 ACSR/TW	3	1	1	14354 PAC	i	100
US	WECC	Basin	AC	400-599		681.5 TBD		2018 Red Butte, UT	Clark County, NV	95 OH	Ť	9	1949.6 ACSR/TW	3	1	4	14354 PAC	i	100
	WECC		AC							170 OH	Ť	S		2	;	- 1	14354 PAC	1	
US		Basin		300-399		1163 TBD		2019 Sigurd, UT	Hurricane, Utah				954 ACSR		'				100
US	WECC	Basin	AC	200-299	230 TBD		12	2012 Yakima ,WA	Yakima ,WA	37.4 OH	TBD	TBD	TBD TBD TBD	TBD	TBD		14354 PAC	1	100
US	WECC	Basin	AC	100-120	115 TBD		11	2011 Yakima ,WA	Yakima ,WA	5.67 OH	TBD	TBD	795 ACSR	1	1 TBD		14354 PAC	1	100
US	WECC	Basin	AC	100-120	115 TBD		5	2012 Yakima, WA	Yakima, WA	7.18 OH	TBD	TBD	795 ACSR	1	1 TBD		14354 PAC	1	100
US	WECC	Basin	AC	100-120	115 TBD		11	2011 Yakima, WA	Yakima, WA	1.58 OH	TBD	TBD	795 ACSR	1	1 TBD		14354 PAC	1	100
US	WECC	Basin	AC	100-120	115	245	6	2017 Medford OR	Medford OR	3.03 OH	TBD	TBD	1557 ACSR	1	1 TBD		14354 PAC	1	100
US	WECC	Basin	AC	200-299	230	600	12	2017 Wallawalla, WA	Wallula, WA	25 OH	TBD	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	TBD		14354 PAC	1	100
US	WECC	Basin	AC	200-299	230 TBD			2016 Grants Pass, OR	Grants Pass, OR	30 OH	TBD	TBD	TBD TBD TBD	TBD	TBD		14354 PAC	1	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	1	100
US	WECC	Basin	AC	200-299	230	200	41609	2013 Carson Lake, NV	Fallon, NV	20 OH	Н	W	795 ACSR	1	1	1	17166 SPP	1	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	1	100
US	WECC	Basin	AC	400-599		3000	41061	2012 Fly NV	Boulder City NV	230 OH	Т	S	1590 ACSR	3	1	1	17166 SPP	1	0% (GBT OW
US	WECC	Basin	AC	300-399	345	600	41426	2013 Reno NV	Dovle CA	50 OH	Ť	Š	954 ACSR	2	1	1	17166 SPP	i	100
US	WECC	Basin	AC	400-599		3000	41791	2014 Twin Falls ID	Elv NV	280 OH	Ť	S	1590 ACSR	3	1	4	17166 SPP	i	0% (GBT OW
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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	1	100
US	WECC	Basin	AC	400-599		3000	43252	2018 Carson City, NV	Las Vegas NV	265 OH	Т	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	1	100
US	WECC	Basin	AC	400-599	500	2000	41244	2012 Robinson Summit 500 I	Harry Allen 500 kV	280 OH	TBD	TBD	1590 ACSR	3	1	1	GBT	0	Unspecified
US	WECC	Basin	AC	400-599	500	2000	41609	2013 Midpoint 500 kV	Robinson Summit 500 k\	235 OH	TBD	TBD	1590 ACSR	3	1	1	GBT	0	Unspecified
US	WECC	Basin	DC	400-599		2000	42156	2015 Chugwater	Midpoint 500 kV	560 OH	TBD	TBD	TBD TBD TBD		1	1	JADE	ō	Unspecified
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	ĭ	100
	WECC	NWPP	AC				40452	2010 Manchester WA		0.3 OH	TBD	TBD	TBD TBD TBD	TBD	TBD		15500 PSE	-	
US				100-120	115 TBD				Long Lake WA									!	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	1	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	1	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	1	100
US	WECC	NWPP	AC	100-120	115	314	41214	2012 Federal Way WA	Puvallup WA	6.3 OH	TBD	TBD	1272 ACSR TBD	TBD	TBD		15500 PSE	1	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	1	100
US	WECC	NWPP	AC	100-120	115	314	41579	2013 Puvallup WA	Lacev 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	1	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	1	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	1	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	1	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	1	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 PSF	1	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
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US	WECC	NWPP	AC	100-120	115	259	40330	2010 Rapids Switchyard	South Nile Substation	6 OH	P		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		W	336 ACSR	1	1	1	5326 DOPD		100
US	WECC	NWPP	AC	200-299		1000	41639	2013 Douglas Switchyard	Rapids Switchyard	15 OH	Н	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	Н	W	795 ACSS Single		1	1	14624 GCPD	0	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	1	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	1	PGE 100 %
US	WECC	NWPP	AC	200-299		1194	42309	2015 Pearl	Sherwood OR	5 OH	т	S	2388 AAC TW	1	1	2	15248 PGE	1	PGE 10 %, BI
US	WECC	NWPP	AC	400-599		1500	42095	2015 Covote 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	-	USF	Other	100 %
US	WECC	NWPP	AC	400-599	500 4936		40359	2010 Great Fails 2012 Umatilla, OR	Rufus, OR	79 OH	T	S	3-1.3 Inch ACSR	3	4	1	1738 BPA	50101	100
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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	1	100
US	WECC	NWPP	AC	100-120	115	258 12		2013 Beverly Park, WA	Everett, WA	3.5 OH	Р	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	Р	W, S	1272 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	i	2	2	17470 SNPD	Other	100
US	WECC	NWPP	AC 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
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US	WECC	NWPP	AC	100-120	115	347 12		2013 Arlington, WA	North Marysville, WA	6.37 OH	P, H	W, S	1272 Aluminum	1	2	2	17470 SNPD	Other	100
US	WECC	NWPP	AC	100-120	115	258 12		2015 Snohomish, WA	SNOH S3, WA	1.45 OH	P, H	W	795 Aluminum	1	1	1	17470 SNPD	Other	100
US	WECC	NWPP	AC	100-120	115	258 12		2017 Stanwood, WA	Sills Corner Tap, WA	4.65 OH	Р	W	795 Aluminum	1	1	1	17470 SNPD	Other	100
US	WECC	NWPP	AC	100-120	115	258 12		2018 Sills Corner, WA	Camano, WA	16.93 OH	P, H	W, S, P	795 Aluminum	1	1	1	17470 SNPD	Other	100
US	WECC	NWPP	AC	100-120	115	258 12		2016 North Stanwood, WA	Camano, WA	5.3 OH	P	W, S, P	795 Aluminum	1	1	1	17470 SNPD	Other	100
US	SERC	VACAR	AC	200-299	230	1047	5	2019 Elizabeth City	Shawboro	10.0 OH	tower	steel	636 ACSR Double		1	2 -	PJM Interconnection, LLC		100
								ncil names may be found in the								-	ELO		
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								ed; ACSR=Aluminum Core Stee	reinforcea; CU=Copper; O	i=Otner.									
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				S=Steel; B=Coml			U=Other.												
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- Has Not Been Determined: Non-stardard 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 milieage taken out of service and representes alterations where part of the power system was shortened.
 Zero Transmission Milage: 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.
 Reliability First Corporation (RFC) came into existence on January 1, 2006, and submitted a consolidated filling 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=3|25 . 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."

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