

Table 6. Existing and Proposed High-voltage Transmission Line Additions Filed Covering Calendar Year 2007, by North American Electric Reliability Corporation, 2009 Through 2019
(Various)

Geographic Area			Voltage			Capacity Rating (MVA)	In-Service		Electrical Connection Locations		Line Information				Conductor Characteristics			Circuits		Company Information		
Country - with Total (T) for sub- regions	NERC Region	NERC Sub-region	Type	Operating (kV)	Design (kV)		Month	Year	From Terminal	To Terminal	Length (Miles)	Type	Pole Type	Pole Material	Size (MCM)	Material	Bundling Arrangement	Present	Ultimate	Company Code	Company Name	Organizational Type
US	ERCOT	-	AC	121-150	138	245	5	2015	Allen Switch	West Plano	3.5 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	121-150	138	320	6	2012	Barney Davis	Laguna	4.2 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	121-150	138	694	6	2012	Barney Davis	Westside	21.4 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	121-150	138	694	6	2012	Barney Davis	Nelson Sharpe	22.2 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	121-150	138	245	12	2015	Bergstrom	Carson Creek	2.3 OH		0	0	795 ACSR		1/2/1900	0	0	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	121-150	138	245	12	2015	Bergstrom	Sand Hill	4 OH		0	0	795 ACSR		2	0	0	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	121-150	138	245	5	2015	Boggy Creek	Temple Switch	3.5 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	1171	6	2020	Cagnon	Hillcountry 345 kV	19.5 OH		0	0	0	0	0	2	2	16604	CPS	M
US	ERCOT	-	AC	121-150	138	245	5	2015	Coppell	North Lake	4.8 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	121-150	138	245	4	2012	CPS Lytle	TCC Lytle	4 OH		0	0	795 ACSR		0	0	0	3278	AEP/CPS	I
US	ERCOT	-	AC	121-150	138	693	6	2013	Escondido	West Batesville	46.2 OH		0	0	795 ACSR		1/2/1900	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	300-399	345	710	3	2016	Frontera	Sol	12.4 OH		0	0	1590 ACSR		1/2/1900	2	2	3278	AEP/TCC	I
US	ERCOT	-	AC	300-399	345	710	6	2016	Frontera	South McAllen	12.18 OH		0	0	1590 ACSR		2	1	2	3278	AEP/TCC	I
US	ERCOT	-	AC	121-150	138	245	12	2015	Hidden Valley	Lakeway	4 OH		0	0	0	0	0	0	0	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	121-150	138	220	6	2014	Highway 32	Wimberley	4 OH		0	0	795 ACSR		1/1/1900	0	2	14626	PEC	C
US	ERCOT	-	AC	300-399	345	1171	6	2020	Hill Country	Skyline 345 kV	11 OH		0	0	0	0	0	2	2	16604	CPS	M
US	ERCOT	-	AC	121-150	138	245	12	2015	Lakeway	Trading Post	3.8 OH		0	0	0	0	0	0	0	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	300-399	345	710	6	2016	LaPalma	Ranchito	10 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	121-150	138	245	5	2015	Lavon Switch	Allen Switch	8.9 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	710	5	2015	Liggett	Trinity Switch	12.8 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	1939	6	2013	Lobo	Rio Bravo	30 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	300-399	345	710	7	2016	Loma Alta	Ranchito	20 OH		0	0	0	0	0	0	0	2409	BPUB	M
US	ERCOT	-	AC	300-399	345	710	7	2016	Loma Alta	Rio Hondo	25 OH		0	0	0	0	0	0	0	2409	BPUB	M
US	ERCOT	-	AC	121-150	138	480	6	2014	McNeil	Summit	2 OH		0	0	795 ACSR		1/2/1900	2	2	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	300-399	345	710	3	2016	N. Edinburg	Sol	15 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	121-150	138	245	12	2014	Patton Lane	Trading Post	12 OH		0	0	0	0	0	0	0	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	121-150	138	365	6	2012	Picacho	Amistad CFE	8.8 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	300-399	345	710	5	2017	Ranchito	South McAllen	38 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	121-150	138	245	5	2015	Salado Switch	Cedar Valley Switch	7 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	710	3	2016	Sol	Rio Bravo	122.4 OH		0	0	0	0	0	0	0	3278	AEP/TCC	I
US	ERCOT	-	AC	121-150	138	220	1	2010	Lakeway substation	Tap Marshall Ford to Bee	1 OH		0	0	0	0	0	0	0	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	121-150	138	214	1	2010	Able Springs Oncor	Able Springs RCEC	15.7 OH		0	0	0	0	0	0	0	44372	Oncor	I
US	ERCOT	-	AC	121-150	138	430	6	2010	Anderson	Westover Hills	2 OH		0	0	0	0	0	0	0	16604	CPS	M
US	ERCOT	-	AC	300-399	345	1631	5	2011	Bell County East	TNP One	88 OH		0	0	1590 ACSR		2	2	2	44372	ONCOR	I
US	ERCOT	-	AC	121-150	138	578	6	2012	Cagnon	Valley Rd	20 OH		0	0	0	0	0	0	0	16604	CPS	M
US	ERCOT	-	AC	121-150	138	710	11	2010	Decker	Techridge	4.5 OH		0	0	795 ACSS		2	0	0	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	300-399	345	1707	9	2011	Divide	Twin Buttes	31 OH		0	0	0	0	0	0	0	11269	LCRA/TSC	C
US	ERCOT	-	AC	100-120	138	388	5	2010	Fairview to Aledo	ALEDO	32 OH		0	0	795	0	0	0	0	2172	BRAZOS	C
US	ERCOT	-	AC	300-399	345	710	6	2012	Gilleland	Techridge	8 OH		0	0	0	0	0	1	0	1015	AUSTIN ENERGY	M
US	ERCOT	-	AC	121-150	138	332	6	2010	Hutto Switch	Round Rock	8.6 OH		0	0	0	0	1	2	2	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	1631	6	2010	Hutto Switch	Salado Switch	73.8 OH		0	0	1590 ACSR		2	2	2	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	2987	12	2010	Jacksboro Switch	Willow Creek	21 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	1072	6	2010	Killeen switch	Salado Switch	15.7 OH		0	0	795 ACSR		2	0	0	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	1631	6	2010	Krum W. Switch	NW Carrollton	54.7 OH		0	0	1590 ACSR		1/2/1900	0	0	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	710	5	2015	Krum W. Switch	Anna Switch	100 OH		0	0	0	0	0	2	2	44372	ONCOR	I
US	ERCOT	-	AC	121-150	138	448	12	2010	McCahey B	North McCahey	15 OH		0	0	795 ACSR		1/2/1900	2	2	11269	LCRA/TSC	C
US	ERCOT	-	AC	121-150	138	326	5	2011	NW Carrollton	Collin	16.9 OH		0	0	0	0	0	0	2	44372	ONCOR	I
US	ERCOT	-	AC	121-150	138	221	12	2010	Parkway	Shertz	2.8 OH		0	0	795 ACSR		0	2	2	7752	GVEC	C
US	ERCOT	-	AC	121-150	138	84	4	2011	Princeton, Climax	New Princeton station	10 OH		0	0	0	0	1	1	0	40051	TNMP	I
US	ERCOT	-	AC	300-399	345	2724	9	2011	Riley	Bowman	42 OH		0	0	0	0	0	1	0	11269	AEP/ONCOR/TNC	I
US	ERCOT	-	AC	121-150	138	394	5	2011	Roanoke Switch	Elizabeth Creek	3.8 OH		0	0	0	0	0	2	2	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	1623	4	2010	San Miguel	Lobo	44 OH		0	0	0	0	0	0	0	17583	STEC	C
US	ERCOT	-	AC	121-150	138	717	12	2010	Sandow Switch	Sandow	1 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	121-150	138	243	12	2011	Spunky	Squaw Creek	7 OH		0	0	0	0	0	0	0	40051	TNMP	I
US	ERCOT	-	AC	121-150	138	254	6	2010	Thompson Creek	Dansby	9.7 OH		0	0	1033 ACSR		1/1/1900	0	0	2442	BTU	M
US	ERCOT	-	AC	300-399	345	1631	9	2011	Twin Buttes	Coleman/Brown County L	88 OH		0	0	1590 ACSR		2	0	0	11269	LCRA/TSC	C
US	ERCOT	-	AC	121-150	138	430	6	2011	Uvalde	Texas Research	77.5 OH		0	0	795 ACSR		2	1	2	3278	AEP/CPS	I
US	ERCOT	-	AC	121-150	138	331	6	2010	VH Braung	Coliseum Rd	2.1 OH		0	0	0	0	0	0	0	16604	CPS	M
US	ERCOT	-	AC	300-399	345	2987	12	2010	Willow Creek	Parker	22.6 OH		0	0	0	0	0	0	0	44372	ONCOR	I
US	ERCOT	-	AC	300-399	345	1630	12	2011	Zorn	Clear Springs-Gilleland C	165 OH		0	0	959 ACSS		2	2	2	11269	LCRA/TSC	C
US	ERCOT	-	AC	300-399	345	5976	0	2013	SWEETWTR	TOKAWAS	19 OH	S	T		1433 OT			2	0	2	SWEETWTR	0
US	ERCOT	-	AC	300-399	345	5976	0	2														

US	ERCOT	-	AC	300-399	345	163	0	2013	CRZ_PHHB	OKLAEHV7	150 OH	S	T	1590	ACSR	2	0	1	CRZ_PHHB	CRZ_PHHBOKLAEHV7	0	
US	ERCOT	-	AC	300-399	345	3262	0	2013	CRZ_PHHB	CRZ_PHHB	38 OH	S	T	1590	ACSR	2	0	2	CRZ_PHHB	CRZ_PHHBCRZ_PHHB	0	
US	ERCOT	-	AC	300-399	345	2988	0	2013	CRZ_MCCA	ODESEHV	50 OH	S	T	1433	OT	2	0	1	CRZ_MCC	CRZ_MCCODESEHV	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	CRZ_MCCC	CRZ_MCCA	14 OH	S	T	1590	ACSR	2	0	1	CRZ_MCC	CRZ_MCCC	0	
US	ERCOT	-	AC	300-399	345	2988	0	2013	CRZ_MCCD	L_TWINBU	33 OH	S	T	1433	OT	2	0	1	CRZ_MCC	CRZ_MCCD_L_TWINBU	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	CRZ_MCCD	L_KENDAL	138 OH	S	T	1433	OT	2	0	2	CRZ_MCC	CRZ_MCCD_L_KENDAL	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	CRZ_MCCC	CRZ_MCCD	88 OH	S	T	1590	ACSR	2	0	1	CRZ_MCC	CRZ_MCCC	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	CRZ_CENA	TOKAWAS	44 OH	S	T	1433	OT	2	0	2	CRZ_CEN	CRZ_CENATOKAWAS	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	CRZ_CENA	CRZ_CENC	75 OH	S	T	1433	OT	2	0	2	CRZ_CEN	CRZ_CENACRZ_CENC	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	CRZ_CENB	WILLOWCK	169 OH	S	T	1433	OT	2	0	2	CRZ_CEN	CRZ_CENBWILLOWCK	0	
US	ERCOT	-	AC	300-399	345	3262	0	2013	CRZ_CENB	CRZ_PHAD	69 OH	S	T	1590	ACSR	2	0	2	CRZ_CEN	CRZ_CENB	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	CRZ_CENB	ACZ_CENA	12 OH	S	T	1433	OT	2	0	2	CRZ_CEN	CRZ_CENB	0	
US	ERCOT	-	AC	300-399	345	3262	0	2013	CRZ_WESTC	ODESEHV	44 OH	S	T	1590	ACSR	2	0	2	CRZ_WES	CRZ_WESTCODESEHV	0	
US	ERCOT	-	AC	300-399	345	3262	0	2013	CRZ_WESTA	CRZ_CENA	47 OH	S	T	1590	ACSR	2	0	2	CRZ_WES	CRZ_WESTACRZ_CENA	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	CRZ_WESTA	CRZ_WESTC	33 OH	S	T	1590	ACSR	2	0	1	CRZ_WES	CRZ_WESTACRZ_WESTC	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	CRZ_WESTA	CRZ_CEND	57 OH	S	T	1590	ACSR	2	0	1	CRZ_WES	CRZ_WESTACRZ_CEND	0	
US	ERCOT	-	AC	300-399	138	717	0	2013	CRZ_WESTB	MOSS_8	6 OH	S	T	959	OT	2	0	1	CRZ_WES	CRZ_WESTBMOSS_8	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	CRZ_CENE	CRZ_CEND	27 OH	S	T	1590	ACSR	2	0	1	CRZ_CEN	CRZ_CENECRZ_CEND	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	CRZ_CBLUFF	SWEETWTR	25 OH	S	T	1433	OT	2	0	2	CRZ_CBL	CRZ_CBLUFFSWEETWTR	0	
US	ERCOT	-	AC	300-399	345	3262	0	2013	PANOAKMI	OKLAEHV7	62 OH	S	T	1590	ACSR	2	0	2	PANOAKM	PANOAKMIOKLAEHV7	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	PANOAKMI	CRZ_PHAC	105 OH	S	T	1590	ACSR	2	0	1	PANOAKM	PANOAKMICRZ_PHAC	0	
US	ERCOT	-	AC	300-399	345	3262	0	2013	PANOAKMI	CRZ_PHAD	38 OH	S	T	1590	ACSR	2	0	2	PANOAKM	PANOAKMICRZ_PHAD	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	PANOAKMI	CRZ_CENC	117 OH	S	T	1433	OT	2	0	2	PANOAKM	PANOAKMICRZ_CENC	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	WESTKRUM	W_DENT_5	19 OH	S	T	1590	ACSR	2	0	1	WESTKRUM	WESTKRUMW_DENT_5	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	WESTKRUM	JACKSBRO	43 OH	S	T	1590	ACSR	2	0	1	WESTKRUM	WESTKRUMJACKSBRO	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	WESTKRUM	CRLTN_NW	60 OH	S	T	1433	OT	2	1	2	WESTKRUM	WESTKRUMCRLTN_NW	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	WESTKRUM	ANNASW_5	44 OH	S	T	1433	OT	2	0	2	WESTKRUM	WESTKRUMANNASW_5	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	WESTKRUM	OKLAEHV7	106 OH	S	T	1433	OT	2	0	2	WESTKRUM	WESTKRUMOKLAEHV7	0	
US	ERCOT	-	AC	300-399	345	2988	0	2013	NAVARRO	CRZ_CENC	174 OH	S	T	1433	OT	2	0	1	NAVARRO	NAVARROCRZ_CENC	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	BROWN	SALADOSS	88 OH	S	T	1590	ACSR	2	0	1	BROWN	SALADOSS	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	BROWN	L_TWINBU	106 OH	S	T	1433	OT	2	1	2	BROWN	L_TWINBU	0	
US	ERCOT	-	AC	300-399	345	2988	0	2013	BROWN	NEWTON	41.3 OH	S	T	1433	OT	2	0	1	BROWN	NEWTON	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	HICKS	WILLOWCK	31 OH	S	T	1433	OT	2	0	2	HICKS	WILLOWCK	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	TESLA	OKLAEHV7	60 OH	S	T	1590	ACSR	2	0	1	TESLA	OKLAEHV7	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	TESLA	CRZ_PHAC	75 OH	S	T	1590	ACSR	2	0	1	TESLA	CRZ_PHAC	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	TESLA	CRZ_PHHB	115 OH	S	T	1590	ACSR	2	0	1	TESLA	CRZ_PHHB	0	
US	ERCOT	-	AC	300-399	345	2988	0	2013	PANOAKMI	PANOAKMI	35 OH	S	T	1433	OT	2	0	1	TESLA	PANOAKMI	0	
US	ERCOT	-	AC	121-150	138	938	0	2013	L_NORTMC	CRZ_MCCB	15 OH	S	T	795	ACSR	2	1	2	L_NORTMC	CRZ_MCCB	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	BLUF_CRK	CRZ_CBLUF	6 OH	S	T	1433	OT	2	0	2	BLUF_CRK	CRZ_CBLUF	0	
US	ERCOT	-	AC	300-399	345	5976	0	2013	BLUF_CRK	BROWN	75 OH	S	T	1433	OT	2	0	2	BLUF_CRK	BROWN	0	
US	ERCOT	-	AC	300-399	345	1631	0	2013	L_DIVIDE	CRZ_CEND	36 OH	S	T	1590	ACSR	2	0	1	L_DIVIDE	CRZ_CEND	0	
US	ERCOT	-	AC	300-399	345	2988	0	2013	SAMSWITC	CRZ_CENC	148 OH	S	T	1433	OT	2	0	1	SAMSWITC	CRZ_CENC	0	
US	ERCOT	-	AC	121-150	138	220	0	2013	L_PITTSBU	MASON4	0 OH	S	T	795	ACSR	1	0	1	L_PITTSBU	MASON4	0	
US	ERCOT	-	AC	300-399	345	3262	0	2013	L_DIVIDE	L_TWINBU	30.9 OH	S	T	1590	ACSR	2	1/2/1900	1	2	L_DIVIDE	L_TWINBU	0
US	ERCOT	-	AC	300-399	345	2988	0	2013	JACKSBRO	WILLOWCK	21 OH	0	0	1433	OT	2	1/2/1900	1	1	JACKSBRO	WILLOWCK	0
US	ERCOT	-	AC	300-399	345	1920	0	2013	JACKSBRO	BOWMAN_5	45.9 OH	0	0	959	OT	2	1/2/1900	1	1	JACKSBRO	BOWMAN_5	0
US	ERCOT	-	AC	300-399	345	2988	0	2013	PARKER_5	WILLOWCK	22.58 OH	0	0	1433	OT	2	1/2/1900	1	1	PARKER_5	WILLOWCK	0
US	ERCOT	-	AC	121-150	138	220	0	2013	L_GOLDTH	L_EVANT	23.89 OH	0	0	795	ACSR	1	1/1/1900	1	1	L_GOLDTH	L_EVANT	0
US	ERCOT	-	AC	121-150	138	220	0	2013	L_KENDAL	L_KENDCT	0.09 OH	0	0	795	ACSR	1	1/1/1900	1	1	L_KENDAL	L_KENDCT	0
US	ERCOT	-	AC	121-150	138	440	0	2013	L_KAYMBA	L_VERDCR	2 OH	0	0	795	ACSR	1	1/2/1900	1	1	L_KAYMBA	L_VERDCR	0
US	ERCOT	-	AC	121-150	138	393	0	2013	CTHRA4	SONRA4	18.37 OH	0	0	959	OT	1	1/1/1900	1	1	CTHRA4	SONRA4	0
US	ERCOT	-	AC	121-150	138	393	0	2013	CTHRA4	HAMIL_P4	70.43 OH	0	0	959	OT	1	1/1/1900	1	1	CTHRA4	HAMIL_P4	0
US	FRCC	-	AC	200-299	0	612	3	2009	Bartow	Northeast Circuit 1	4	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	612	3	2009	Bartow	Northeast Circuit 2	4	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	612	3	2009	Bartow	Northeast Circuit 3	4	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	100-120	0	525	6	2009	Northeast	32nd Street	2	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	759	6	2009	St. Johns	Pringle	25	0	0	0	0	0	0	0	6452	FPL	I	
US	FRCC	-	AC	200-299	0	810	6	2009	Northeast	40th Street	8	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	810	6	2009	Pasadena	51st Street	1	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	810	6	2009	51st Street	40th Street	1	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	837	6	2009	Avon Park	Fort Meade	26	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	460	10	2009	Big Bend (Switching Sta)	Big Bend (CT 4)	0.1	0	0	0	0	0	0	0	18454	TEC	I	
US	FRCC	-	AC	121-150	80	1195	12	2009	Bayside	Garnon	0	0	0	0	0	0	0	0	18454	TEC	I	
US	FRCC	-	AC	200-299	0	1195	12	2009	Avellan	Gifford	8	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	1195	6	2010	Intercession City	West Lake Wales #1	30	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	1195	6	2010	Intercession City	West Lake Wales #2	30	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	1141	6	2010	Bithlo	Stanton(OU)	6	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	800	5	2010	Stanton	Bithlo (PEF tie point)	4.4 OH	0	0	0	0	0	0	0	14610	OUC	M	
US	FRCC	-	AC	200-299	0	1190	12	2012	Manatee	BobWhite	30	0	0	0	0	0	1/10/1900	0	0	6452	FPL	I
US	FRCC	-	AC	200-299	0	925	5	2012	Hines Energy Complex	West Lake Wales #2	21	0	0	0	0	0	0	0	6455	PEF	I	
US	FRCC	-	AC	200-299	0	749	6	2012	Big Bend	State Road 60	13.8	0	0	0	0	0	1/10/1900	0	0	18454	TEC	I
US	FRCC	-	AC	200-299	0	478	6	2012	Big Bend (Switching Sta)	Big Bend (CT 5, 6, 7)	0.1	0	0	0	0	0	1/10/1900	0	0	18454	TEC	I
US	FRCC	-	AC	200-299	0	464	6	2012	HOPKINS-CRAWFORD	SUB 5 230	10 OH	0	0	0	0	0	1/10/1900	0	0	18445	TAL	O
US	FRCC	-	AC	200-299	0	650	12	2012	Polk Power Station	Polk (CT 6, 7, & 8)	0.7	0	0	0	0	0	1/10/1900	0	0	18454	TEC	I
US	FRCC	-	AC	200-299	0	668	6	2013														

US	FRCC	AC	400-599	0	2870	6	2016 Levy	Central FL South	50	0	0	0	0	0	0	1/0/1900	0	0	6455 PEF	I
US	FRCC	AC	400-599	0	2870	6	2016 Levy	Crystal River	10	0	0	0	0	0	0	0/0/1900	0	0	6455 PEF	I
US	FRCC	AC	400-599	0	2870	6	2016 Levy	Citrus #1	10	0	0	0	0	0	0	0/0/1900	0	0	6455 PEF	I
US	FRCC	AC	400-599	0	2870	6	2016 Levy	Citrus #2	10	0	0	0	0	0	0	0/0/1900	0	0	6455 PEF	I
US	FRCC	AC	200-299	0	1195	6	2016 Crystal River	Brookridge	35	0	0	0	0	0	0	0/0/1900	0	0	6455 PEF	I
US	FRCC	AC	200-299	0	1195	6	2016 Brookridge	Brooksville West	4	0	0	0	0	0	0	0/0/1900	0	0	6455 PEF	I
US	NPCC	New England AC	300-399	345	2154	9	2009 West Amesbury S/S	394 Tap	0.1 OH	S	Pole	2-1590	ACSR	2	1	1	13433 NEP	I		
US	NPCC	New England AC	300-399	345	2172	11	2009 Westfield Jct.	339 Tap	0.1 OH	S	H	2-1590	ACSR	2	1	1	13433 NEP	I		
US	NPCC	New England AC	300-399	345	1200	6	2011 Vernon S/S	Newfane S/S	18 OH	W	H	954	ACSR	2	1	1	19899 VELCO	I		
US	NPCC	New England AC	300-399	345	1200	6	2011 Newfane S/S	Coolidge S/S	35 OH	W	H	954	ACSR	2	1	1	19899 VELCO	I		
US	NPCC	New England AC	300-399	345	2172	7	2012 West Farnum S/S	CT/RI Border	17.7 OH	S	H	2-1590	ACSR	2	1	1	13433 NEP	I		
US	NPCC	New England AC	300-399	345	2172	11	2012 Millbury S/S	West Farnum S/S	20.7 OH	S	H	2-1590	ACSR	2	1	1	13433 NEP	I		
US	NPCC	New England AC	300-399	345	1545	6	2013 Kent County S/S	West Farnum S/S	21.4 OH	S	P	2-954	ACSR	2	1	1	13433 NEP	I		
US	NPCC	New England AC	300-399	345	2420	12	2013 Card S/S	Lake Road S/S	29.3 OH	W	H	2-1590	ACSS	2	N/A	1	4176 CL&P	I		
US	NPCC	New England AC	300-399	345	2420	12	2013 Lake Road S/S	CT/RI Border	7.6 OH	W	H	2-1590	ACSS	2	N/A	1	4176 CL&P	I		
US	NPCC	New England AC	300-399	345	2420	12	2013 Frost Bridge S/S	North Bloomfield S/S	35.4 OH	S	Pole	2-1590	ACSS	2	N/A	2	4176 CL&P	I		
US	NPCC	New England AC	300-399	345	2420	12	2013 North Bloomfield S/S	CT/MA Border	11.9 OH	W	H	2-1590	ACSS	2	N/A	2	4176 CL&P	I		
US	NPCC	New England AC	300-399	345	2420	12	2013 Agawam S/S	CT/MA Border	6 OH	S	Pole	2-1590	ACSS	2	N/A	2	20455 WMECO	I		
US	NPCC	New England AC	300-399	345	2420	12	2015 Agawam S/S	Ludlow S/S	16.8 OH	S	Pole	2-1590	ACSS	2	N/A	2	20455 WMECO	I		
US	NPCC	New England AC	300-399	345	2067	12	2012 MPPRP	Surowiec	184 OH	TBD	TBD	2-1590	ACSR	2	TBD	TBD	3266 CMP	I		
US	NPCC	New England AC	200-299	230	496	12	2015 Granite S/S	Middlesex S/S	16 OH	TBD	Pole	954	ACSR	1	1	1	19899 VELCO	I		
US	NPCC	New England AC	300-399	345	2170	12	2012 Sandwich	Carver	17.9 OH	0	0	2335	ACAR	0	0	0	1998 NSTAR	I		
US	NPCC	New York AC	200-299	230	478 Summer	2011 Avoca	Stony Ridge	0 OH	0	0	0	1033.5	ACSR	0	1	0	0 NYSEG	0		
US	NPCC	New York AC	200-299	230	478 Summer	2011 Stony Ridge	Hillside	0 OH	0	0	0	1033.5	ACSR	0	1	0	0 NYSEG	0		
US	NPCC	New York AC	100-120	115	250 Summer	2011 Stony Ridge	Sullivan Park	6.2 OH	0	0	0	1033.5	ACSR	0	1	0	0 NYSEG	0		
US	NPCC	New York AC	100-120	115	250 Summer	2011 Sullivan Park	West Erie	3.2 OH	0	0	0	1033.5	ACSR	0	1	0	0 NYSEG	0		
US	NPCC	New York AC	121-150	138	318.4 Summer	2011 Lovett	West Nyack	12 OH	0	0	0	556.5	ACSS	0	1	0	0 O & R	0		
US	NPCC	New York AC	300-399	345	179	0	2010 PSE&G 230 kV	Goethals 345 kV via Lindi	0	0	0	0	0	0	0	0	0 East Coast Power, LLC	0		
US	NPCC	New York AC	200-299	345	263	0	2011 Bergen 230 kV (New Jer	West 49th Street 345kV	4	0	0	0	0	0	0	0	0 Hudson Transmission Partne	0		
US	NPCC	New York AC	100-120	115	29.9	0	2012 CNP # 18 115kV	Huntley Station 115kV	1.7	0	0	0	0	0	0	0	0 Canadian Niagara Power, Inc	0		
US	RFC	-	AC	600+	765kV	0	41435	2013 Amos	180 OH	0	0	957.2	ACSR/TW	6	0	0	0 PATH	0		
US	RFC	-	AC	600+	765kV	0	41435	2013 Welton Spring	Kempdown	105 OH	0	0	957.2	ACSR/TW	6	0	0	0 PATH	0	
US	RFC	-	AC	400-599	500kV	0	40704	2011 Meadowbrook	Loudoun	26 OH	0	0	1113	ACSS	3	0	0	0 TRAILCo	0	
US	RFC	-	AC	400-599	500kV	0	40704	2011 Mt. Storm	502 Junction	60 OH	0	0	1113	ACSS	3	0	0	0 TRAILCo	0	
US	RFC	-	AC	400-599	500kV	0	40704	2011 Mt. Storm	Meadowbrook	59.28 OH	0	0	1113	ACSS	3	0	0	0 TRAILCo	0	
US	RFC	-	AC	400-599	500kV	0	40857	2011 Prexy	502 Junction	20 OH	0	0	1113	ACSS	3	0	0	0 TRAILCo	0	
US	RFC	-	AC	200-299	230kV	0	40157	2009 Orchard	Cumberland	15 OH	0	0	0	0	0	0	0 PHI-AEC	0		
US	RFC	-	AC	300-399	345kV	0	40522	2010 Sporn	Waterford	9 OH	0	0	0	0	0	0	0 AEP	0		
US	RFC	-	AC	200-299	230kV	0	40157	2009 Doubts	Monocacy	15 OH	0	0	0	0	0	0	0 AP	0		
US	RFC	-	AC	400-599	500kV	0	39943	2009 North Longview	Fort Martin	2 OH	0	0	1590	ACSR	2	1	0	0 AP	0	
US	RFC	-	AC	400-599	500kV	0	42348	2015 Calvert Cliffs	Calvert Cliffs (new)	1 OH	0	0	0	0	0	0	0 1167 BGE	0		
US	RFC	-	AC	200-299	230kV	0	41800	2014 Reubael Road	Bagley	5.8 OH	0	0	0	0	0	0	0 1167 BGE	0		
US	RFC	-	AC	300-399	345kV	0	40157	2009 Cayuga Ridge South	Willton Center	10 OH	0	0	0	0	0	0	0 ComEd	0		
US	RFC	-	AC	300-399	345kV	0	40339	2010 Arsenal	Logans Ferry	12 UG/OH	0	0	0	0	0	0	0 5487 DLCO	I		
US	RFC	-	AC	300-399	345kV	0	40247	2010 Brunot Island	Arsenal	6.4 UG	0	0	0	0	0	0	0 5487 DLCO	I		
US	RFC	-	AC	300-399	345kV	0	41070	2012 Brady	Carson	1.5 UG	0	0	0	0	0	0	0 5487 DLCO	I		
US	RFC	-	AC	300-399	345kV	0	40247	2010 Collier	Brunot Island	7.2 OH	0	0	0	0	0	0	0 5487 DLCO	I		
US	RFC	-	AC	300-399	345kV	0	41070	2012 Brunot Island	Brady	5 UG	0	0	0	0	0	0	0 5487 DLCO	I		
US	RFC	-	AC	300-399	345kV	0	40157	2009 Crescent	Brunot Island	17.1 OH	0	0	0	0	0	0	0 5487 DLCO	I		
US	RFC	-	AC	400-599	500kV	1828	41274	2012 Calvert Cliffs	Vienna	35 OH	0	0	0	0	0	0	0 5027 DPL	I		
US	RFC	-	AC	400-599	500kV	1828	41274	2012 Vienna	Indian River	35.1 OH	0	0	0	0	0	0	0 5027 DPL	I		
US	RFC	-	AC	400-599	500kV	1828	42004	2014 Indian River	Salem	80 OH	0	0	0	0	0	0	0 5027 DPL	I		
US	RFC	-	AC	200-299	230kV	0	41435	2013 Loretto	Piney Grove	6 OH	0	0	0	0	0	0	0 5027 DPL	I		
US	RFC	-	AC	200-299	230kV	0	40978	2012 Piney Grove	Mt. Olive	6 OH	0	0	0	0	0	0	0 5027 DPL	I		
US	RFC	-	AC	200-299	230kV	0	40673	2011 Vienna	Sharptown	12 OH	0	0	0	0	0	0	0 5027 DPL	I		
US	RFC	-	AC	200-299	230kV	0	41435	2013 Vienna	Loretto	16 OH	0	0	0	0	0	0	0 5027 DPL	I		
US	RFC	-	AC	300-399	345kV	1380/1646	0	2012 Chamberlin	Hanna	26 OH	0	Steel Pole	954	ACSR	2	per phase	0	2	0 FE	I
US	RFC	-	AC	300-399	345kV	1380/1646	0	2012 Hanna	Mansfield	52 OH	0	Steel Pole	954	ACSR	2	per phase	0	2	0 FE	I
US	RFC	-	AC	300-399	345kV	1370/1646	0	2012 Allen Junction	Fulton	14.63 OH	0	Wood Pole	954	ACSR	2	per phase	2	2	0 FE	I
US	RFC	-	AC	300-399	345kV	1370/1646	0	2012 Fulton	Midway	24.28 OH	0	Wood Pole	954	ACSR	2	per phase	2	2	0 FE	I
US	RFC	-	AC	400-599	500kV	2800/3600	0	2012 Cranberry	Cabot	40 PA	0	Steel Towr	954	ACSR	4	per phase	0	1	0 FE	I
US	RFC	-	AC	400-599	500kV	2800/3600	0	2012 Cranberry	Wylie Ridge	40 PA	0	Steel Towr	954	ACSR	4	per phase	0	1	0 FE	I
US	RFC	-	AC	300-399	345kV	700	40908	2011 Bismarck	Troy	13.9 OH & UG	0	Steel Towr	2500	XLPE	2	2	2	0 ITCT	I	
US	RFC	-	AC	400-599	500kV	2555	40330	2010 Whitpain	Center Point	0.001 OH	0	T	2493	ACAR	2	1	1	14940 PECO	I	
US	RFC	-	AC	400-599	500kV	2555	40330	2010 Center Point	Elroy	0.001 OH	0	T	2493	ACAR	2	1	1	14940 PECO	I	
US	RFC	-	AC	200-299	230kV	1245	40330	2010 Perkiomen	Center Point	0.001 OH	0	Steel Pole	1590	ACSR	2	1	1	14940 PECO	I	
US	RFC	-	AC	200-299	230kV	1245	40330	2010 Center Point	North Wales	0.001 OH	0	Steel Pole	1590	ACSR	2	1	1	14940 PECO	I	
US	RFC	-	AC	400-599	500kV	0	40330	2010 Delta (IPP P04)	Peach Bottom	4 OH	0	Steel Pole	1590	ACSR	2	1	1	4188 Connectiv Mid-Merit, LLC - PE I	I	
US	RFC	-	AC	200-299	230kV	0	40339	2010 Burtonsville	Sandy Spring	12 OH	0	0	0	0	0	0	0 15270 Pepco	I		
US	RFC	-	AC	400-599	500kV	0	41435	2013 Calvert Cliffs	Salem	45 OH	0	0	0	0	0	0	0 15270 Pepco	I		
US	RFC	-	AC	400-599	500kV	0	41435	2013 Possum Point	Calvert Cliffs	24 OH	0	0	0	0	0	0	0 15270 Pepco	I		
US	RFC	-	AC	200-299	230kV	0	41070	2012 Richie	Benning	2 OH	0	0	0	0	0	0	0 15270 Pepco	I		
US	RFC	-	AC	200-299	230kV	653	41404	2013 Brunner Island	West Shore	16 OH	0	S	1590	ACSR	1	2	2	14715 PPL	I	
US	RFC	-	AC	400-599	500kV	3005	41039	2012 Susquehanna	Roseland	146 OH	0	S	1590	ACSR	3	2	2	14715 PPL	I	
US	RFC	-	AC	400-599	500kV	3005	41061	2012 Montville	Jefferson	15.1 OH	0	0	0	0	0	0	0 15477 PSEG	I		
US	RFC	-	AC	400-599	500kV	3005	41061	2012 Jefferson	Bushkill	22.3 OH	0	0	0	0	0	0	0 15477 PSEG	I		
US	RFC	-	AC	200-299	230kV	0	41435	2013 Bergen	Marion	10.2 OH	0	0	0	0	0	0	0 15477 PSEG	I		
US	RFC	-	AC	200-299	230kV	0	39943	2009 Branchburg	Flagtown	4 OH	0	0	0	0	0	0	0 15477 PSEG	I		
US	RFC	-	AC	400-599	500kV	0	41435	2013 Branchburg	Roseland	29.9 OH	0	0	0	0	0	0	0 15477 PSEG	I		
US	RFC	-	AC	200-299	230kV	0	40704	2011 Roseland	Kearny	22 OH	0	0	0	0	0	0	0 15477 PSEG	I		
US	RFC	-	AC	400-599	500kV	0	41435	2013 Roseland	Hudson											

US	RFC	-	AC	300-399	345kV	1400	40522	2010 Gibson	Brown	37 OH	Steel Pole 0 H-Frame	954 ACSR	2	1	1	17633 Vectren (SIGE)	I
US	RFC	-	AC	300-399	345kV	1400	40704	2011 Reid	Brown	24.5 OH	Steel Pole 0 H-Frame	954 ACSR	2	1	1	17633 Vectren (SIGE)	I
US	SERC	-	AC	100-120	115	290	5	2014 Big Creek T.S.	Lynndell D.S.	8 OH - Ove Unknown	Unknown	795 Other	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	290	11	2014 Schillinger Road	Lott Road Tap	2 OH - Ove Unknown	Unknown	795 Other	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	602	5	2019 Elmore County 1	Madison Park 6	29 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	602	5	2020 Bessemer	Magella	7 OH - Ove combinatic	tower	1351 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	502	5	2020 Gaston	Boyles	1 OH - Ove combinatic	tower	1033 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	216	5	2015 Mt Meig Tap	Bellwood	5 OH - Ove Unknown	Unknown	795 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	216	5	2014 Wire Road	Wire Road Tap	4 OH - Ove Unknown	Unknown	795 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	216	6	2016 McIntosh	Jackson TS (New miles)	2 OH - Ove steel	tower	795 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	290	11	2014 Racetrack D.S.	Lott Road	4 OH - Ove Unknown	Unknown	795 Other	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	216	5	2014 Oxanna	Crooked Creek	1 OH - Ove combinatic	single pole	795 ACSR	Single	2	2	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	138	5	2010 Providence	West Grelot	3 OH - Ove Unknown	Unknown	397 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	290	4	2012 North Brewton TS	North Brewton DS	6 OH - Ove Unknown	Unknown	795 Other	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	290	4	2012 North Mobile	Racetrack D.S.	2 OH - Ove Unknown	Unknown	795 Other	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	138	3	2012 Old Pascagoula Tap	Old Pascagoula Rd	2 OH - Ove Unknown	Unknown	397.5 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	138	6	2011 Florida Gas Tap	Florida Gas	1 OH - Ove Unknown	Unknown	397.5 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	138	5	2010 Northridge DS	Carrolls Creek Tap	1 OH - Ove steel	single pole	397.5 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	1003	12	2010 Prattville CT TS	County Line Road TS	1 OH - Ove Unknown	Unknown	1033 ACSR	Double	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	230	301	5	2011 Holt	Tuscaloosa	10 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	502	10	2009 Gaston	Bessemer	1 OH - Ove Unknown	tower	1033 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	216	5	2010 East Peiham	Alabaster SS	9 OH - Ove concrete	single pole	795 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	807	5	2018 Holt	Tuscaloosa	10 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	433	3	2009 Tensaw SS	TK Rolling Mill	1 OH - Ove Unknown	Unknown	795 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	866	5	2009 Tensaw SS	TK EAF	3 OH - Ove Unknown	Unknown	795 ACSR	Double	2	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	866	5	2009 Tensaw SS	TK EAF	3 OH - Ove Unknown	Unknown	795 ACSR	Double	2	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	433	3	2009 Tensaw SS	TK Rolling Mill	1 OH - Ove Unknown	Unknown	795 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	866	5	2009 Tensaw SS	TK EAF	3 OH - Ove Unknown	Unknown	795 ACSR	Double	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	865	1	2009 Calvert SS	Tensaw SS	5 OH - Ove Unknown	Unknown	795 ACSR	Double	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	865	7	2009 Bucks SS	Tensaw SS	9 OH - Ove Unknown	Unknown	795 ACSR	Double	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	151-199	161	296	6	2009 Black Pond Tap	Black Pond DS	8 OH - Ove steel	single pole	795 ACSR	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	100-120	115	79	10	2009 Lay Dam (B)	Mitchell Dam (B)	12 OH - Ove steel	tower	350 Copper	Single	1	1	999999 Alabama Power Company	IOU
US	SERC	-	AC	200-299	230	509	6	2017 Adamsville	Douglasville	2 OH - Ove steel	tower	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	255	6	2011 Bremen	Possum Branch	6 OH - Ove wood	H-frame	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	580	6	2012 Clermont Junction	South Dahlonega	20 OH - Ove steel	H-frame	1351 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	490	6	2014 Cornelia	Middle Fork	10 OH - Ove steel	single pole	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	602	6	2014 Dorsett	Echeconnee	5 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	255	6	2011 Douglasville	Post Road	6 OH - Ove wood	H-frame	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	255	6	2014 Douglasville	West Marietta	2 OH - Ove steel	tower	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	400-599	500	3429	6	2017 East Walton	South Hall	45 OH - Ove steel	tower	1113 ACSR	Triple	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	255	6	2015 North Keithsburg	Orange	5 OH - Ove wood	H-frame	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	216	6	2010 Oostanaula	Pinson	3 OH - Ove wood	single pole	795 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	216	6	2012 Statesboro	Jimps	2 OH - Ove wood	single pole	795 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	216	6	2014 Thigpen3	Nunez	5 OH - Ove steel	single pole	795 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	255	6	2012 Jack McDonough	West Marietta	4 OH - Ove steel	tower	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	255	6	2017 McConnell Road	Villa Rica Primary	4 OH - Ove steel	single pole	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	255	6	2016 McConnell Road	West Marietta	3 OH - Ove wood	H-frame	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	400-599	500	3429	6	2017 Middle Fork	Thomson	90 OH - Ove steel	tower	1113 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	301	6	2016 JC Penny	Hartsfield-Jackson	3 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	255	6	2014 McConnell Road	South Acworth	3 OH - Ove wood	H-frame	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	216	5	2014 W. Brunswick	Altamaha	8 OH - Ove steel	H-frame	795 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	820	6	2014 Bethbara	East Walton (black)	6 OH - Ove steel	single pole	1351 Other	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	866	6	2010 Pagamore	Huntsville	2 OH - Ove steel	tower	795 ACSR	Double	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	602	3	2016 Gordon	North Dublin	32 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	602	6	2017 Hopewell	McGrafFord (black)	11 OH - Ove steel	H-frame	1351 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	602	6	2016 JC Penny	JC Penny Tap	2 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	602	6	2014 O'Hara	McDonough Primary	20 OH - Ove steel	single pole	1351 ACSR	Single	2	2	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	602	6	2011 South Dahlonega	Palmer Creek	10 OH - Ove steel	H-frame	1351 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	664	6	2018 South Hall	Summex	18 OH - Ove steel	H-frame	1622 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	400-599	500	2701	6	2016 Vogtle	Thomson Primary	60 OH - Ove steel	tower	1113 ACSR	Triple	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	1018	6	2011 Depford	Kraft	10 OH - Ove steel	tower	1033 ACSR	Double	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	1205	6	2011 Plant McDonough CC	Plant McDonough (black)	1 OH - Ove steel	single pole	1351 ACSR	Double	2	2	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	1205	6	2011 Plant McDonough CC	Plant McDonough (white)	1 OH - Ove steel	single pole	1351 ACSR	Double	2	2	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	500	866	6	2009 Bowen	Villa Rica Primary	28 OH - Ove steel	tower	1113 ACSR	Triple	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	1205	3	2010 Plant McDonough	Smyrna	6 OH - Ove steel	single pole	1351 ACSR	Double	2	2	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	602	6	2010 Dum Jon	Thomson Primary	23 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	400-599	500	2701	6	2010 Thomson	Warthen	35 OH - Ove steel	tower	1113 ACSR	Triple	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	245	6	2009 Bio	Airline	6 OH - Ove steel	single pole	1033 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	100-120	115	63	11	2009 Blackshear	Hoboken	12 OH - Ove wood	H-frame	336 ACSR	Single	1	1	999999 Georgia Power Company	IOU
US	SERC	-	AC	200-299	230	602	6	2012 Cliftondale	Ono	6 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative	
US	SERC	-	AC	200-299	230	602	6	2015 McDonough	Oia	10 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative	
US	SERC	-	AC	200-299	230	602	6	2014 Arkwright	West Milledgeville	35 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative	
US	SERC	-	AC	200-299	230	602	6	2014 Clermont Jct.	South Cleveland	23 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative	
US	SERC	-	AC	200-299	230	602	6	2013 Ono	Line Creek	3 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative	
US	SERC	-	AC	100-120	115	124	12	2010 Lords	Toombsboro	4 OH - Ove Unknown	Unknown	336 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative	
US	SERC	-	AC	200-299	230	602	6	2014 Cornish Moutain	East Social Circle	20 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative	
US	SERC	-	AC	100-120	115	188	6	2015 Ingram	Peeksville	7 OH - Ove Unknown	Unknown	636 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative	
US	SERC	-	AC	400-599	500	3429	6	2017 Thomson	Middlefork	100 OH - Ove Unknown	Unknown	1351 ACSR	Triple	1	1	7197 Georgia Transmission Corpor Cooperative	

US	SERC	-	AC	200-299	230	602	8	2013 Clermont Junction	Dawson Crossing	20 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2013 Cumming	Sharon Springs	7 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	400-599	500	3464	6	2015 Vogtle	Thomson	70 OH - Ove Unknown	Unknown	1113 ACSR	Triple	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2014 Bethabara	East Walton	8 OH - Ove combinatic	single pole	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2014 Bostwick	East Walton	4 OH - Ove combinatic	single pole	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2010 East Lake Road	Ola	4 OH - Ove concrete	single pole	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2014 East Walton	Jack's Creek	9 OH - Ove combinatic	single pole	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	400-599	500	3464	6	2014 East Walton	Rockville	40 OH - Ove steel	tower	1113 ACSR	Triple	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2014 Jack's Creek	Cornish Mountain	15 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2010 Jim Moore Road	Sharon Church	11 OH - Ove other	single pole	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	5	2013 McGrau Ford	Hopewell	12 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2012 Shoal Creek	Suwanee	8 OH - Ove Unknown	Unknown	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	100-120	115	216	11	2011 Burnt Church	Tradeport Industrial	12 OH - Ove Unknown	Unknown	795 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	400-599	500	3464	6	2010 Thomson	Warthen	35 OH - Ove steel	tower	1113 ACSR	Triple	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	866	6	2009 Woodlore	Battlefield	3 OH - Ove concrete	single pole	795 ACSR	Double	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	866	6	2009 McConnell Road	Woodlore	5 OH - Ove combinatic	single pole	795 ACSR	Double	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	866	12	2009 Frey Road	Huntsville	5 OH - Ove combinatic	single pole	795 ACSR	Double	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2010 East Lake Road	Jackson Creek	9 OH - Ove combinatic	single pole	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	866	12	2009 Battlefield	Frey Road	3 OH - Ove steel	single pole	795 ACSR	Double	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	3	2010 Bethabara	Clarksboro	15 OH - Ove combinatic	single pole	1351 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	100-120	115	216	6	2009 Nebo	New Georgia	5 OH - Ove concrete	single pole	795 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	100-120	115	188	6	2009 Southwest Dublin	Dudley	3 OH - Ove concrete	single pole	636 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	100-120	115	216	12	2009 Bethabara	Georgia Square	8 OH - Ove combinatic	single pole	795 ACSR	Single	1	1	7197 Georgia Transmission Corpor Cooperative
US	SERC	-	AC	200-299	230	602	6	2011 Lansing Smith	Laguna Beach	14 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Gulf Power Company IOU
US	SERC	-	AC	200-299	230	602	6	2012 Laguna Beach	Santa Rosa	22 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Gulf Power Company IOU
US	SERC	-	AC	100-120	115	251	6	2010 Brentwood	Fairfield	1.7 OH - Ove concrete	single pole	1033 ACSR	Single	2	2	999999 Gulf Power Company IOU
US	SERC	-	AC	100-120	230	301	6	2011 Laguna Beach	Holiday	8.6 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Gulf Power Company IOU
US	SERC	-	AC	100-120	115	301	6	2011 Holiday	Hathaway Tap	1.3 OH - Ove concrete	single pole	1351 ACSR	Single	2	2	999999 Gulf Power Company IOU
US	SERC	-	AC	200-299	230	602	6	2012 Shoal River	Santa Rosa	54.6 OH - Ove steel	single pole	1351 ACSR	Single	1	1	999999 Gulf Power Company IOU
US	SERC	-	AC	100-120	115	155	6	2014 Qultman	Desoto	7 OH - Ove concrete	single pole	477 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	100-120	115	216	6	2014 Desoto	Waynesboro	19 OH - Ove concrete	single pole	795 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	100-120	115	251	6	2016 Orange Grove	Chevron PRCP	5 OH - Ove concrete	single pole	1033 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	200-299	230	671	6	2013 Kemper IGCC	Laurel East	18 OH - Ove steel	H-frame	1033 Other	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	200-299	230	671	6	2013 Kemper IGCC	Laurel West	19 OH - Ove steel	H-frame	1033 Other	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	200-299	230	602	11	2013 Laurel East	Vimville	6 OH - Ove steel	H-frame	1351 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	200-299	230	602	11	2013 Vimville	Sweatt	13 OH - Ove steel	H-frame	1351 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	100-120	115	216	11	2013 Meridian NE	Vimville	9 OH - Ove concrete	single pole	795 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	100-120	115	251	11	2008 Chevron Cogen	Chevron PRCP	1 OH - Ove concrete	single pole	1033 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	100-120	115	216	10	2009 NASA Saturn Dr	NASA North	4 OH - Ove concrete	single pole	795 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	200-299	230	602	6	2011 Kiln	Carriere SW	26 OH - Ove concrete	H-frame	1351 ACSR	Single	1	1	999999 Mississippi Power Company IOU
US	SERC	-	AC	200-299	230	602	6	2014 Jacks Creek (Monroe)	Str. 31 (Cornish Mountain	4 OH - Ove steel	single pole	1351 ACSR	Single	1	1	13100 Municipal Electric Authority of Municipal
US	SERC	-	AC	100-120	115	210	12	2011 Texasville Jct	Judson	16 OH - Ove wood	H-frame	795 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2011 Grand Ridge Jct	Grand Ridge	2 OH - Ove Unknown	Unknown	266.8 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2012 Wayne Farms Jct	Wayne Farms	4 OH - Ove Unknown	Unknown	266.8 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2011 Selma Jct	Selma	1 OH - Ove concrete	H-frame	266.8 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2012 Owls Head Jct	Owls Head	2 OH - Ove Unknown	Unknown	266.8 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2013 Gulf Coast Airport Jct	Gulf Coast Airport	1 OH - Ove Unknown	Unknown	266.8 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2011 Alford Jct	Alford	5 OH - Ove Unknown	Unknown	266.8 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2012 APAC Jct	APAC	1 OH - Ove Unknown	Unknown	266.8 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2012 Kingston Jct	Kingston	1 OH - Ove Unknown	Unknown	266.8 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2012 Millers Crossroad Jct	Millers Crossroad	1 OH - Ove Unknown	Unknown	266.8 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	200-299	230	586	6	2013 Freeport 230	Freeport 115	1 OH - Ove Unknown	Unknown	1351 Unknown	Unknown	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	167	6	2010 Coffee Springs Jct	Coffee Springs	4 OH - Ove wood	H-frame	556.5 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2010 Trickem Jct	Trickem	1 OH - Ove concrete	H-frame	266.8 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	167	6	2011 Hammock Bay Jct	Hammock Bay	0.5 OH - Ove concrete	single pole	556.5 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	151	6	2010 Murphy Mill Jct	Murphy Mill	0.5 OH - Ove concrete	single pole	477 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	151	6	2010 Pt Washington Jct	Pt Washington	1.25 OH - Ove concrete	single pole	477 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2011 Old Montgomery Jct	Old Montgomery	1 OH - Ove concrete	H-frame	266.8 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	86	6	2011 Oswichee Jct	Oswichee	1 OH - Ove concrete	H-frame	266.8 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	161	300	6	2011 Millin Switch	Florida Avenue	7 OH - Ove concrete	single pole	1033 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	210	12	2009 CAES Unit 4	CAES Sw	1 OH - Ove concrete	single pole	795 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	100-120	115	210	12	2009 CAES Unit 5	CAES Sw	1 OH - Ove concrete	single pole	795 ACSR	Single	1	1	189 PowerSouth Energy Coopera Cooperative
US	SERC	-	AC	151-199	161	296	6	2011 Silver Creek	Prentiss	8 OH - Ove concrete	single pole	795 ACSR	Single	1	1	999999 South Mississippi Electric Po Cooperative
US	SERC	-	AC	151-199	161	296	6	2012 Prentiss	Jeff Davis SS	6.5 OH - Ove concrete	single pole	795 ACSR	Single	1	1	999999 South Mississippi Electric Po Cooperative
US	SERC	-	AC	151-199	161	296	6	2010 White Oak SS	Polkville	6.7 OH - Ove concrete	single pole	795 ACSR	Single	1	1	999999 South Mississippi Electric Po Cooperative
US	SERC	-	AC	151-199	161	296	6	2011 Moselle	South Hoy	23.2 OH - Ove concrete	single pole	795 ACSR	Single	1	1	999999 South Mississippi Electric Po Cooperative
US	SERC	-	AC	151-199	161	286	6	2012 Thomas Hill	Bevier	15 OH - Ove wood	H-frame	795 ACSR	Single	1	1	924 Associated Electric Cooperati Cooperative
US	SERC	-	AC	151-199	345	572	6	2008 Gobbler Knob	Thayer South	59 OH - Ove steel	H-frame	795 ACSR	Single	1	1	924 Associated Electric Cooperati Cooperative
US	SERC	-	AC	200-299	230	884	6	2013 Cypress	Jacinto	53 OH - Ove steel	single pole	954 ACSR	Single	2	1	999999 Entergy IOU
US	SERC	-	AC	200-299	230	884	6	2018 Porter	Lewis Creek	28 OH - Ove steel	single pole	954 ACSR	Single	2	2	999999 Entergy IOU
US	SERC	-	AC	200-299	230	594	9	2012 Peters Road	Oakville	7 OH - Ove steel	single pole	1590 ACSR	Single	1	1	999999 Entergy IOU
US	SERC	-	AC	200-299	230	705	9	2012 Coly	Loblolly	3 OH - Ove combinatic	single pole	666 ACSR	Single	2	1	999999 Entergy IOU
US	SERC	-	AC	100-120	115	231	6	2011 Lakeover	Northpark	12 OH - Ove steel	single pole	1272 ACSR	Single	1	2	999999 Entergy IOU
US	SERC	-	AC	100-120	115	231	6	2012 Ray Braswell	Byram	23 OH - Ove steel	single pole	1272 ACSR	Single	1	1	999999 Entergy IOU
US	SERC	-	AC	151-199	161	365	6	2013 Osage Creek	Grandview	6 OH - Ove steel	single pole	1272 ACSR	Single	1	1	999999 Entergy IOU
US	SERC	-	AC	200-299	230	829	6	2011 Sellers Road	Meaux	10 OH - Ove Unknown	Unknown	954 ACSR	Single	1	1	999999 Entergy IOU
US	SERC	-	AC	200-299	230	829	6	2012 Labbe	Sellers Road	15 OH - Ove Unknown	Unknown	1590 Aluminum	Single	1	1	999999 Entergy IOU
US	SERC	-	AC	200-299	230	500	6	2014 Tillatoba	South Grenada	19 OH - Ove Unknown	single pole	1272 ACSR	Single	1	2	999999 Entergy IOU
US	SERC	-	AC	200-299	230	884	6	2012 Jacinto	Peach Creek	29 OH - Ove steel	single pole	954 ACSR	Single	2	1	999999 Entergy IOU
US	SERC	-	AC	200-299	230	884	6	2012 Peach Creek	Caney Creek	29 OH - Ove steel	single pole	954 ACSR	Single	2	1	999999 Entergy IOU
US	SERC	-	AC	200-299	230	884	6	2012 Caney Creek	Lewis Creek	29 OH - Ove steel	single pole	954 ACSR	Single	2	1	999999 Entergy IOU
US	SERC	-	AC	200-299	230	779	6	2013 Loblolly	Hammond	23 OH - Ove combinatic	single pole	1272 Aluminum	Single	1	1	999999 Entergy IOU

US	SERC	-	AC	100-120	115	159	6	2012 Sterlington	North Bastrop	19 OH - Ove Unknown	single pole	1272 ACSR	1	1	1	999999 Entergy	IOU
US	SERC	-	AC	100-120	115	159	6	2012 North Crossett	North Bastrop	19 OH - Ove Unknown	single pole	1272 ACSR	1	1	1	999999 Entergy	IOU
US	SERC	-	AC	121-150	138	354	5	2017 Middletown	Bluegrass Parkway	4 OH - Ove steel	tower	1272 ACSR	1	1	1	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	151-199	161	250	12	2012 West Irvine	Estill EP	2 OH - Ove Unknown	Unknown	556 ACSR	1	1	1	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	151-199	161	187	12	2012 West Irvine	West Irvine Tap	3 OH - Ove wood	H-frame	556 ACSR	1	1	1	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	151-199	161	346	5	2010 Grahamville	Joppa DOE C33	2 OH - Ove steel	single pole	954 ACSR	1	1	2	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	121-150	138	296	12	2009 Middletown	Collins	7 OH - Ove steel	single pole	954 ACSR	1	2	2	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	300-399	345	1195	3	2010 Brown North	West Garrard	14 OH - Ove steel	tower	954 ACSR	2	2	2	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	300-399	345	1195	10	2009 Pineville	West Garrard	89 OH - Ove steel	tower	954 ACSR	2	2	2	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	121-150	138	215	11	2009 Higby Mill	West Lexington	12 OH - Ove steel	tower	556 ACSR	1	2	2	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	121-150	138	296	12	2011 East Frankfort	West Frankfort	8 OH - Ove steel	tower	954 ACSR	1	2	2	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	300-399	345	1195	12	2009 Mill Creek	Hardin County	42 OH - Ove steel	tower	954 ACSR	2	1	2	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	300-399	345	1195	6	2009 Trimble County	Ghent-Speed Line	3 OH - Ove steel	tower	954 ACSR	2	2	2	10171 E.ON U.S. Services Inc. for L	IOU
US	SERC	-	AC	151-199	161	292	12	2014 Wolf Creek	Clinton County	9 OH - Ove Unknown	Unknown	954 ACSR	1	1	1	5580 East Kentucky Power Cooper Cooperative	
US	SERC	-	AC	300-399	345	1195	6	2012 J.K. Smith	J.K. Smith CFB	1 OH - Ove steel	H-frame	954 ACSR	2	1	1	5580 East Kentucky Power Cooper Cooperative	
US	SERC	-	AC	300-399	345	1195	12	2009 J.K. Smith	West Garrard	36 OH - Ove steel	H-frame	954 Other	2	1	1	5580 East Kentucky Power Cooper Cooperative	
US	SERC	-	AC	151-199	161	251	5	2009 Tyner	Fall Rock	11 OH - Ove wood	other	795 ACSR	1	1	1	5580 East Kentucky Power Cooper Cooperative	
US	SERC	-	AC	100-120	115	265	12	2010 Resaca	Moss Lake	9 OH - Ove steel	single pole	1351 ACSR	1	2	2	18642 Tennessee Valley Authority	Federal/State
US	SERC	-	AC	400-599	500	1732	4	2010 Maury	Rutherford	27 OH - Ove steel	tower	954 ACSR	3	1	1	18642 Tennessee Valley Authority	Federal/State
US	SERC	-	AC	151-199	161	410	7	2009 Rutherford	Almaville	6 OH - Ove steel	single pole	1590 ACSR	1	1	1	18642 Tennessee Valley Authority	Federal/State
US	SERC	-	AC	151-199	161	299	5	2010 Rutherford	Christiana	12 OH - Ove steel	single pole	954 ACSR	1	2	2	18642 Tennessee Valley Authority	Federal/State
US	SERC	-	AC	151-199	161	299	5	2010 Rutherford	Christiana	12 OH - Ove steel	single pole	954 ACSR	1	2	2	18642 Tennessee Valley Authority	Federal/State
US	SERC	-	AC	151-199	161	299	11	2009 Huntsville	McCreary	28 OH - Ove steel	single pole	954 ACSR	1	1	1	18642 Tennessee Valley Authority	Federal/State
US	SERC	-	AC	100-120	230	265	9	2009 Tilton	Resaca	3 OH - Ove steel	single pole	1351 ACSR	1	2	2	18642 Tennessee Valley Authority	Federal/State
US	SERC	-	AC	100-120	100	0	7	2010 Piercetown	Plainview Ret	5 OH - Ove	954 ACSR	1	1	2	5416 Duke Energy Carolinas	IOU	
US	SERC	-	AC	200-299	230	0	6	2011 Pleasant Garden (Duke)	Asheboro (Progress)	20 OH - Ove	954 ACSR	1	1	1	5416 Duke Energy Carolinas	IOU	
US	SERC	-	AC	151-199	161	0	6	2011 West Mill Tie	Hyatt Creek Tie	17 OH - Ove	954 ACSR	1	2	2	5416 Duke Energy Carolinas	IOU	
US	SERC	-	AC	151-199	230	0	7	2009 Nantahala Hydro	Santeetlah and Fontana	20 OH - Ove	795 ACSR	2	2	2	5416 Duke Energy Carolinas	IOU	
US	SERC	-	AC	200-299	230	1047	6	2011 Thelma	Carolina	10 OH - Ove steel	tower	636 ACSR	2	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2012 Yorktown	Hayes	8.3 OH - Ove steel	tower	636 ACSR	2	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2012 Soweego	Gainesville	14 OH - Ove steel	tower	636 ACSR	2	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	400-599	500	3500	9	2018 North Anna	Ladysmith	15 OH - Ove steel	tower	1351 ACSR	3	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	400-599	500	3500	6	2011 Meadowbrook	Loudoun	65 OH - Ove steel	tower	1351 ACSR	3	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	706	6	2011 Iron Bridge	Walmsley	3 OH - Ove steel	tower	1033 ACSR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	706	6	2011 Walmsley	Southwest	7 OH - Ove steel	tower	1033 ACSR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2013 Loudoun	Middleburg	13 OH - Ove steel	tower	636 ACSR	2	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	400-599	500	3500	6	2013 Possum Point	Calvert Cliffs	0.1 OH - Ove steel	tower	1351 ACSR	3	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2012 Remington	Soweego	11 OH - Ove steel	tower	636 ACSR	2	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1300	6	2011 Dickerson	Pleasant View	10.5 OH - Ove steel	H-frame	721 Other	2	1	3	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2010 Gallows	Ox	13 OH - Ove steel	tower	636 ACSR	2	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	100	6	2013 Hamilton	Middleburg	17 UG - Und other	undergrou	3500 Copper	1	0	0	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2013 Arlington	Ballston	5 UG - Und other	undergrou	3500 Copper	1	0	0	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	239	6	2011 Chase City	Clarksville	17.2 OH - Ove steel	single pole	636 ACSR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	239	6	2011 Chesapeake	Dozier	2 OH - Ove steel	tower	636 ACSR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	347	6	2010 Club House	South Hill	30.3 OH - Ove steel	single pole	636 ACSR	2	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	347	6	2010 Chase City	South Hill	20.6 OH - Ove steel	single pole	636 ACSR	2	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	231	6	2013 Dooms	Dupont-Waynesboro	5 OH - Ove steel	single pole	1033 ACSR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	239	6	2012 Edinburg	Mt. Jackson	9.4 OH - Ove steel	single pole	636 ACSR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	192	6	2010 Kitty Hawk	Colington	7.4 OH - Ove steel	tower	1177 ACCR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	3500	6	2013 Peninsula	Shellbank	0.5 OH - Ove steel	tower	1033 Other	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	353	6	2011 Remington	Brandywine	14.5 OH - Ove steel	single pole	1033 ACSR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	353	6	2011 Brandy	Culpepper	1 OH - Ove steel	single pole	1033 ACSR	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2011 Bristers	Garrisonville	13 OH - Ove steel	tower	636 ACSR	2	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	400-599	500	3450	6	2011 Carson	Suffolk	50 OH - Ove steel	tower	1351 ACSR	3	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	722	11	2011 Chickahominy	Lanexa	14 OH - Ove steel	tower	721 Aluminum	2	1	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	797	11	2010 Chickahominy	Old Church	16 OH - Ove steel	tower	636 ACSR	2	1	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	600	4	2009 Clarendon	Rossllyn	1 UG - Und other	other	2500 Copper	1	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	797	5	2010 Harrisonburg	Valley	11 OH - Ove steel	tower	636 ACSR	2	1	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	800	5	2010 Hamilton	Pleasant View	12 OH - Ove steel	single pole	636 ACSR	2	1	1	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2011 Suffolk	Thrasher	26 OH - Ove steel	tower	636 ACSR	2	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	515	5	2016 Clark	Idylwood	4 OH - Ove steel	single pole	1192 ACSR	1	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	800	5	2015 Landstown	Virginia Beach	11 OH - Ove steel	tower	636 ACSR	2	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	400-599	500	3464	5	2016 Bristers	Possum Point	35 OH - Ove steel	tower	1534 ACSR	3	1	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	5	2015 Reeves Avenue	Sewells Point	11 OH - Ove steel	tower	636 ACSR	2	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	5	2016 Chesterfield	Midlothian	22 OH - Ove steel	tower	636 ACSR	2	2	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	6	2012 Elizabeth City	Shawboro	10 OH - Ove steel	tower	636 ACSR	2	1	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	200-299	230	1047	5	2009 Bristers	Gainesville	15 OH - Ove steel	tower	636 ACSR	2	1	2	999999 PJM Interconnection, LLC	RTO/ISO
US	SERC	-	AC	100-120	115	320	12	2012 Asheville	Enka	10 OH - Ove steel	H-frame	1590 ACSR	1	1	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	100-120	115	308	6	2013 Folkstone	Castle Hayne & Jacksonv	16 OH - Ove steel	Unknown	1590 ACSR	1	1	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	1195	6	2011 Rockingham	Lilesville	14 OH - Ove steel	H-frame	1590 ACSR	2	1	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	566	12	2010 Asheville	Enka	5 OH - Ove steel	tower	1272 ACSR	1	2	2	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	1195	6	2011 Richmond	Ft. Bragg Woodruff St	65 OH - Ove steel	other	1590 ACSR	2	1	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	615	6	2011 Clinton	Lee	26 OH - Ove steel	single pole	1590 ACSR	1	1	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	615	6	2014 Greenville	Kinston DuPont	30 OH - Ove steel	single pole	1590 ACSR	1	0	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	1195	6	2011 Rockingham	West End	38 OH - Ove steel	H-frame	1590 ACSR	2	1	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	1195	6	2011 Asheboro	Pleasant Garden	22 OH - Ove steel	single pole	1590 ACSR	2	1	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	1195	6	2012 Harris	RTP	22 OH - Ove steel	single pole	1590 ACSR	2	1	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	1256	6	2009 Rockingham	Wadesboro Bowman Sch	12 OH - Ove steel	H-frame	1590 ACSR	1	0	1	3046 Progress Energy Carolinas	IOU
US	SERC	-	AC	200-299	230	950	5	2016 Urquhart	Graniteville	18 OH - Ove steel	single pole	1272 ACSR	2	2	2	17539 South Carolina Electric & Gas	IOU
US	SERC	-	AC	100-120	115	104	5	2016 Urquhart	Graniteville	18 OH - Ove wood	H-frame	336 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU
US	SERC	-	AC	200-299	230	950	12	2013 Canadys	Church Creek	38 OH - Ove steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU
US	SERC	-	AC	200-299	230	950	5	2013 Canadys	Pepperhill	35 OH - Ove steel	single pole						

US	SERC	-	AC	200-299	230	950	4	2015 VC Summer	Killian	38 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	4	2015 VC Summer #2	Lake Murray	23 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	12	2013 VC Summer	VC Summer #2	1 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	12	2013 VC Summer	VC Summer #2	1 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	4	2015 Denny Terrace	Lyles	3 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	5	2012 Pepperhill	Summerville	7 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	5	2012 Edenwood	Lake Murray	13 OH - Ove	steel	single pole	1272 ACSR	2	2	2	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	12	2018 VC Summer #2	St. George	135 OH - Ove	steel	single pole	1272 ACSR	2	2	2	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	12	2018 VC Summer	VC Summer #2	1 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	230	237	5	2016 Uruhart	Graniteville	18 OH - Ove	wood	H-frame	1272 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	115	475	5	2016 AM Williams	Cainthoy	9 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	475	5	2012 Edenwood	Lake Murray	13 OH - Ove	wood	H-frame	1272 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	115	130	5	2014 Belvedere Switching	Stevens Creek	8 OH - Ove	wood	H-frame	477 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	115	474	5	2014 Belvedere Switching	Stevens Creek	8 OH - Ove	steel	single pole	1272 ACSR	1	2	2	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	475	12	2013 VC Summer	Parr	2 OH - Ove	wood	H-frame	1272 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	475	12	2013 VC Summer	Parr	2 OH - Ove	wood	H-frame	1272 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	352	12	2018 Canadys	St. George	8 OH - Ove	wood	H-frame	795 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	12	2018 Canadys	St. George	8 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	352	12	2018 St. George	Summerville	29 OH - Ove	wood	H-frame	795 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	12	2018 St. George	Summerville	29 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	115	89	12	2018 Saluda Hydro	Ga Pac	21 OH - Ove	steel	tower	266 ACSR	1	2	2	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	115	474	12	2018 Saluda Hydro	Ga Pac	21 OH - Ove	steel	single pole	1272 ACSR	1	2	2	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	115	237	12	2014 Lyles	Denny Terrace	3 OH - Ove	wood	H-frame	1272 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	115	176	12	2014 Lyles	Denny Terrace	3 OH - Ove	wood	H-frame	795 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	100-120	115	352	12	2014 Lyles	Denny Terrace	3 OH - Ove	steel	single pole	795 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	352	5	2010 A M Williams	Cainthoy	11 OH - Ove	wood	H-frame	795 ACSR	1	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	950	12	2010 Denny Terrace	Pineland	8 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17539 South Carolina Electric & Gas	IOU		
US	SERC	-	AC	200-299	230	956	12	2012 Winyah	Campfield	14 OH - Ove	steel	single pole	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2011 Pee Dee	Lake City	26.7 OH - Ove	steel	Unknown	1272 ACSR	2	1	2	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	100-120	115	239	6	2012 Arcadia	Garden City	15 OH - Ove	Unknown	Unknown	1272 ACSR	1	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2019 Pomaria	V C Summer	8 OH - Ove	Unknown	Unknown	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2015 V C Summer	Winnsboro	14 OH - Ove	Unknown	Unknown	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2015 Winnsboro	Richburg	27 OH - Ove	Unknown	Unknown	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2015 Richburg	Flat Creek	32 OH - Ove	Unknown	Unknown	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2019 Pomaria	Sandy Run	55 OH - Ove	Unknown	Unknown	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2019 Sandy Run	Orangeburg	34 OH - Ove	Unknown	Unknown	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2019 Orangeburg	St. George	26 OH - Ove	Unknown	Unknown	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SERC	-	AC	200-299	230	956	1	2019 St. George	Varnville	38 OH - Ove	Unknown	Unknown	1272 ACSR	2	1	1	17543 South Carolina Public Service	Federal/State		
US	SPP	-	AC	121-150	138	106	2	2009 Moorewood Switchyard	Erick Substation	81 OH	W	H	336.4 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	183	6	2011 Meeker Switchyard	Hammett Substation	10 OH	W	H	795 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	106	12	2009 Tonkawa Tap	Tonkawas Substation	2 OH	W	H	336.4 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	106	12	2009 Nine Mile Tap	Nine Mile Substation	5 OH	W	H	336.4 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	183	6	2010 OU Switchyard	Canadian Switchyard	11 OH	W	H	795 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	183	6	2011 Franklin Switchyard	OU Switchyard	22 OH	W	H	795 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	183	6	2010 WFEC Snyder Switchyard	AEP Snyder Substation	4 OH	W	H	795 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	183	6	2011 Twin Lakes Switchyard	OG&E Crescent Substation	7 OH	W	H	795 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	144	6	2011 Dover Switchyard	Cashion Substation	35 OH	W	H	556.5 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	106	6	2012 Cache Substation	Grandfield Switchyard	18 OH	W	H	336.4 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	183	6	2011 Lane Substation	PSO Atoka Substation	6.5 OH	W	H	795 ACSR	1	2	1	0 WFEC		0	
US	SPP	-	AC	300-399	345	913	4	2012 Hugo Switchyard	PSO Valliant Substation	19 OH	S	H	795 ACSR	2	1	1	0 WFEC		0	
US	SPP	-	AC	300-399	345	913	4	2012 Hugo Switchyard	OG&E Sunnyside Substa	50 OH	S	H	795 ACSR	2	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	183	6	2016 Elk City Substation	Russell Switchyard	46 OH	W	H	795 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	183	6	2018 Commanche Switchyard	Grandfield Switchyard	58 OH	W	H	795 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	121-150	138	144	6	2018 OU Switchyard	Lindsay Switchyard	22 OH	W	H	556.5 ACSR	1	1	1	0 WFEC		0	
US	SPP	-	AC	300-399	345	1383	7	2010 Reno County	Summit	53.43 OH	S	P	1192.5 ACSR	2	2	2	22500 Westar Energy, Inc.	I		
US	SPP	-	AC	100-120	115	223	7	2010 Union Ridge	TC-Hope	4 OH	S	P	1192.5 ACSR	1	1	1	22500 Westar Energy, Inc.	I		
US	SPP	-	AC	100-120	115	223	7	2011 Clay Center Junction	TC-Riley	12 OH	W	H	192.5 ACSR	1	1	1	22500 Westar Energy, Inc.	I		
US	SPP	-	AC	300-399	345	1611	12	2011 Rose Hill	Sooner	100 OH	S	P	795 ACSR	3	1	1	10005 Kansas Gas and Electric Conl			
US	SPP	-	AC	121-150	138	319	6	2010 Dearing	S Coffeyville	5.02 OH	W	H	1590 ACSR	1	1	1	10005 Kansas Gas and Electric Conl			
US	SPP	-	AC	121-150	138	267	7	2010 Summer County	TC-Rock	10 OH	S	P	1192.5 ACSR	1	1	1	10005 Kansas Gas and Electric Conl			
US	SPP	-	AC	121-150	138	534	6	2012 Evans Energy Center	Goddard	19 OH	S	P	1192.5 ACSR	2	1	1	10005 Kansas Gas and Electric Conl			
US	SPP	-	AC	121-150	138	267	7	2011 Burns Tap	TC-Burns	13 OH	W	H	1192.5 ACSR	1	1	1	10005 Kansas Gas and Electric Conl			
US	SPP	-	AC	200-299	230	452	6	2009 Seven Rivers	Pecos Intg	21 OH	W	H	795 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	200-299	230	452	6	2009 Pecos Intg	Potash Jct	15 OH	W	H	795 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	200-299	230	452	12	2010 Hitchland	Moore County	50 OH	W	H	795 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	200-299	230	452	6	2011 Hitchland	Ochiltree Intg.	32 OH	W	H	795 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	200-299	230	452	6	2011 Hitchland	Pringle Intg.	35 OH	W	H	795 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	200-299	230	452	6	2009 Mustang	Seminole	18 OH	W	H	795 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	200-299	230	452	6	2010 Seminole	Hobbs Pit	43 OH	W	H	795 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	100-120	115	146	6	2010 Hitchland	Texas County (1)	1 OH	W	H	397 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	100-120	115	146	6	2010 Hitchland	Texas County (2)	8 OH	W	H	397 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	100-120	115	146	6	2010 Sherman	Dallam	35 OH	W	H	397 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	100-120	230	146	6	2010 Dallam	NW Intg.	70 OH	W	H	795 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	100-120	115	146	6	2010 Wheeler Intg.	Grave	8 OH	W	H	397 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	100-120	115	146	6	2010 Hitchland	Sherman Tap	8 OH	W	H	397 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	100-120	115	146	6	2010 Hitchland	Spearman	1 OH	W	H	397 ACSR	1	1	1	17718 SWPS		0	
US	SPP	-	AC	121-150	138	244	6	2009 Tamarack	Veterans	2.1 OH	W	Single	795 ACSR	Single	1	1	1	14077 OMPA	M	
US	SPP	-	AC	121-150	138	244	6	2009 Veterans	Parklane	3.7 OH	W	Single	795 ACSR	Single	1	1	1	14077 OMPA	M	
US	SPP	-	AC	121-150	138	244	6	2009 Parklane	Altus Junction	2.8 OH	W	Single	795 ACSR	Single	1	1	1	14077 OMPA	M	
US	SPP	-	AC	121-150	138															

US	SPP	-	AC	300-399	345	1200	6	2016 Sooner PP Okla	Rose Hill sub-Kansas	50 OH	S	P	795 AL	3	1	1	0 OG&E	I	
US	SPP	-	AC	300-399	345	1200	4	2012 Sunnyside sub	Hugo PP	60 OH	S	P	1590 AL	2	1	1	0 OG&E	I	
US	SPP	-	AC	121-150	138	287	12	2009 Woodward EHV-Woodw	Woodward District- Wood	4 OH	S	P	795 AL	2	1	1	0 OG&E	I	
US	SPP	-	AC	121-150	138	287	12	2009 Woodward EHV-Woodw	Woodward District- Wood	4 OH	S	P	795 AL	2	1	1	0 OG&E	I	
US	SPP	-	AC	100-120	115	0	0	2015 Kinsley	various options	35 oh	w	H	0 ACSR	0	0	1	MIDW	MIDW	0
US	SPP	-	AC	200-299	0	0	0	0 BONIN 6	LABBE 6	1 OH		0	0	0	0	0	50111 Lafayette Utilities System		0
US	SPP	-	AC	100-120	115	197	10	2010 New Clay Center Sub	Clifton	33 OH	W	P	795 ACSR	1	1	1	0 KPP	O	
US	SPP	-	AC	100-120	115	197	10	2010 New Clay Center Sub	Riley	6 OH	W	P	795 ACSR	1	1	1	0 KPP	O	
US	SPP	-	AC	151-199	161	280	5	2011 Sub A	Sub M	5 OH	S	P	795 ACSR	1	0	2	9231 INDN	M	
US	SPP	-	AC	151-199	161	347	12	2010 Tonnece Substation	Siloam Springs Substatio	7 OH	S	P	1590 ACSR	1	1	1	0 GRDA	S	
US	SPP	-	AC	151-199	161	268	7	2009 South of Ozark, MO	South of Nixa, MO	8 OH	W	H	795 ACSR	1	1	1	5860 The Empire District Electric C	I	
US	SPP	-	AC	151-199	161	268	6	2015 Monett Sub #383	South of Monett, MO	9.2 OH	W	H	795 ACSR	1	1	1	5860 The Empire District Electric C	I	
US	SPP	-	AC	200-299	230	829	1	2012 Richard	Sellers Rd	32 OH	S	H	795 Drake ACSR	2	1	1	3265 Cleco	I	
US	SPP	-	AC	200-299	230	829	1	2012 Sellers Rd	Segura	19 OH	S	H	795 Drake ACSR	2	1	1	3265 Cleco	I	
US	SPP	-	AC	200-299	230	829	1	2013 Wells	Labbe	30 OH	S	H	795 Drake ACSR	2	1	1	3265 Cleco	I	
US	SPP	-	AC	151-199	161	585	12	2009 Piper Substation	Wolcott Substation	7 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	1170	12	2011 Wolcott Substation	Nearman Substation	5 OH	S	P	1192 ACSS	1	2	2	0 KACY	M	
US	SPP	-	AC	151-199	161	585	6	2011 East-FairFax Substation	Fairfax Substation	0.1 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	585	6	2011 East-FairFax Substation	GM Substation	0.1 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	635	12	2011 Quindaro Substation	Nearman Substation	4 OH	S	P	1192 ACSS	1	2	2	0 KACY	M	
US	SPP	-	AC	151-199	161	318	12	2011 Muncie Substation	Center City Substation	0.1 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	318	12	2011 Muncie Substation	Armourdale Substation	0.1 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	1170	12	2014 Fisher Substation	Barber Substation	2.5 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	585	12	2015 Kaw-West Sub	Speaker Sub	4 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	585	12	2016 Speaker Substation	Kaw Substation	3 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	585	12	2016 Kaw Substation	Barber Substation	2 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	585	12	2017 Speaker Substation	Everett Substation	3 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	151-199	161	585	12	2017 Everett Substation	Quindaro Substation	4.5 OH	S	P	1192 ACSS	1	1	1	0 KACY	M	
US	SPP	-	AC	300-399	345	1336	6	2014 Flint Creek	Shipe Road	21 OH	C	P	954 ACSR	Double	1	1	17698 SOEP	I	
US	SPP	-	AC	300-399	345	1336	6	2011 Turk	NW Texarkana	34 OH	C	P	954 ACSR	Double	1	1	17698 SOEP	I	
US	SPP	-	AC	300-399	345	1336	6	2016 Shipe Road	E. Rogers	9 OH	C	P	954 ACSR	Double	1	1	17698 SOEP	I	
US	SPP	-	AC	300-399	345	1336	6	2016 E. Rogers	Osage	32 OH	C	P	954 ACSR	Double	1	1	17698 SOEP	I	
US	WECC	-	AC	200-299	230	480	5	2009 Covington WA	Berrydale WA	10							PSE	I	
US	WECC	-	AC	100-120	115	1200	6	2009 Rapids Switchyard	Pangborn Substation	3.3 OH	P	S	1272 ACSR	1	1	1	DOPD	M	
US	WECC	-	AC	100-120	115	1200	6	2009 Rapids Switchyard	Hanna Substation	0.9 OH	P	S	1272 ACSR	1	1	1	DOPD	M	
US	WECC	-	AC	300-399	345	600	6	2009 Bluffdale UT	SLC UT	0							PAC	I	
US	WECC	-	AC		0		6	2009		0							PAC	I	
US	WECC	-	AC	200-299	230	?	6	2009 Beaver	Allston	0							PGE	I	
US	WECC	-	AC	200-299	230	?	6	2009 Beaver	Port Westward	0.5							PGE	I	
US	WECC	-	AC	200-299	230	?	6	2009 Port Westward	Trojan	19							PGE	I	
697 @ -5° C																			
US	WECC	-	AC	200-299	230	30° C	11	2009 Olympia WA	Shelton WA	14 OH	T	S	1519 ACSR	1	2	2	BPA	F	
566 @ 697 @ -5° C																			
US	WECC	-	AC	200-299	230	30° C	11	2009 Olympia WA	Shelton WA	34 OH	T	S	1519 ACSR	1	2	2	BPA	F	
US	WECC	-	AC	300-399	345	600	5	2010 St. George, UT	St. George, UT	20							PAC	I	
US	WECC	-	AC	300-399	345	600	5	2010 Bluffdale UT	SLC UT	0							PAC	I	
US	WECC	-	AC	300-400	345		5	2010		0							PAC	I	
US	WECC	-	AC		0		5	2010		0							PAC	I	
US	WECC	-	AC	100-120	115	259	6	2010 Rapids Switchyard	South Nile Substation	6 OH	P	W	795 ACSS	1	1	2	DOPD	M	
US	WECC	-	AC	200-299	230	339	6	2010 Midpoint, ID	King, ID	24							IPC		
US	WECC	-	AC	200-299	230	339	6	2010 King, ID	DRAM, ID	80							IPC		
US	WECC	-	AC	200-299	230	339	6	2010 Midpoint, ID	DRAM, ID	-104							IPC		
US	WECC	-	AC	300-399	345	1163	6	2010 Cedar City UT	Cedar City UT	1							PAC		
US	WECC	-	AC	300-399	345	1163	6	2010 Cedar City UT	Cedar City UT	1							PAC		
US	WECC	-	AC	200-299	230	600	6	2010 Walla Walla, WA	McNary, OR	0							PAC		
US	WECC	-	AC	300-399	345	600	6	2010 Downey, ID	SLC UT	135							PAC		
US	WECC	-	0		0		6	2010		0							PAC		
US	WECC	-	AC	200-299	230	534	6	2010 Great Falls	U. S Border	135							USE		
US	WECC	-	AC	200-299	230	600	9	2010 Casper, WY	Dave Johnston Substation	0							PAC		
US	WECC	-	AC	300-399	345	1396	6	2011 Bluffdale UT	SLC UT	10							PAC		
US	WECC	-	AC		0		6	2011		0							PAC		
US	WECC	-	AC	300-399	345	600	6	2012 Reno NV	Dayton NV	17 OH	T	S	954 ACSR	2	1	1	SPP		
US	WECC	-	AC	200-299	230	200	6	2012 Carson Lake, NV	Fallon, NV	20 OH	H	W	795 ACSR	1	1	1	SPP		
US	WECC	-	AC	400-599	500	3000	6	2012 Ely NV	Las Vegas NV	250 OH	T	S	1590 ACSR	3	1	1	SPP		
US	WECC	-	AC	400-599	500	3000	6	2012 Ely NV	Boulder City NV	230 OH	T	S	1590 ACSR	3	1	1	SPP		
US	WECC	-	AC	100-120	115	305	11	2012 Beverly Park, WA	Everett, WA	3.6							SNPD		
US	WECC	-	AC	100-120	115	305	11	2012 Beverly Park, WA	Paine Field, WA	2.3							SNPD		
US	WECC	-	AC	100-120	115	305	11	2012 SnoKing, WA	Halls Lake, WA	6.8							SNPD		
US	WECC	-	AC		0	611	11	2012 Snohomish, WA	Beverly Park, WA	0							SNPD		
US	WECC	-	AC		138		11	2012		0							PAC		
4936 @ -5° C 3949 @																			
US	WECC	-	AC	400-599	500	30° C	12	2012 Umatilla, OR	Rufus, OR	79 OH	T	S	1519 ACSR	3	1	1	BPA		
US	WECC	-	AC	100-120	115	259	12	2012 Palisades Switchyard	Palisades Substation	9 OH	P	W	795 ACSS	1	1	1	DOPD		
US	WECC	-	AC	100-120	115	259	12	2012 Palisades Substation	Columbia Substation	1 OH	H	W	795 ACSS	1	1	1	DOPD		
US	WECC	-	AC	100-120	115	100	12	2012 Palisades Substation	Castle Substation	5 OH	P	W	336 ACSR	1	1	1	DOPD		
US	WECC	-	AC	200-299	230	1000	12	2012 Douglas Switchyard	Rapids Switchyard	15 OH	H	S	795 ACSS	2	1	1	DOPD		

US	WECC	-	AC		230		12	2012											PAC
US	WECC	-	AC	400-599	500	1500	1	2013 Townsend MT	Midpoint, ID	460									NWMT
US	WECC	-	AC	200-299	230	550	6	2013 Walters Ferry, ID	Kuna, ID	30									IPC
US	WECC	-	AC	200-299	230	550	6	2013 Walters Ferry, ID	Nampa, ID	22									IPC
US	WECC	-	AC	400-599	500	3000	6	2013 Shoshone, ID	Walters Ferry, ID	126									IPC
US	WECC	-	AC	400-599	500	3000	6	2013 Walters Ferry, ID	Burns, OR	134									IPC
US	WECC	-	AC	400-599	500	3000	6	2013 Shoshone, ID	Burns, OR	-260									IPC
US	WECC	-	AC	400-599	500	3000	6	2013 Walters Ferry, ID	Boardman, OR	300									IPC
US	WECC	-	AC	400-599	500		12	2013 Clyde, WA	Central Ferry, WA	40									BPA
US	WECC	-	AC	400-599	500		12	2013 The Dalles, OR	Goldendale, WA	28									BPA
US	WECC	-	AC	400-599	500	3000	6	2014 Rock Springs, WY	Downey, ID	189									IPC
US	WECC	-	AC	400-599	500	3000	6	2014 Rock Springs, WY	Downey, ID	189									IPC
US	WECC	-	AC	200-299	230	418	6	2014 Gresham OR	Troutdale OR	9									PGE
US	WECC	-	AC	300-399	345	600	6	2014 Reno NV	Doyle CA	50 OH	T	S		954 ACSR	2	1	1		SPP
US	WECC	-	AC	400-599	500	3000	6	2014 Twin Falls ID	Ely NV	280 OH	T	S		1590 ACSR	3	1	1		SPP
US	WECC	-	AC	400-599	500		6	2014 Medicine Bow UT	Various	2200									PAC
US	WECC	-	AC		345		6	2014		0									PAC
US	WECC	-	AC	300-399	345	600	8	2014 Dayton NV	Reno NV	15 OH	T	S		954 ACSR	2	1	1		SPP
US	WECC	-	AC	300-399	345	1386	6	2015 American Falls, ID	Pocatello, ID	32									IPC
US	WECC	-	AC	300-399	500	2079	6	2015 Shoshone, ID	Pocatello, ID	-84									IPC
US	WECC	-	AC	300-399	345	1386	6	2015 Shoshone, ID	Pocatello, ID	-32									IPC
US	WECC	-	AC	400-599	500	3000	6	2015 Downey, ID	Hollister, ID	115									IPC
US	WECC	-	AC	400-599	500	3000	6	2015 Hollister, ID	Walters Ferry, ID	153									IPC
US	WECC	-	AC	400-599	500	3000	6	2015 Downey, ID	American Falls, ID	51									IPC
US	WECC	-	AC	400-599	500	3000	6	2015 Shoshone, ID	American Falls, ID	84									IPC
US	WECC	-	AC	400-599	500	3000	6	2015 Hollister, ID	Shoshone, ID	34									IPC
US	WECC	-	AC	400-599	500	3000	6	2015 Shoshone, ID	Walters Ferry, ID	126									IPC
US	WECC	-	AC	200-299	230	597	11	2015 Sherwood Substation	Sherwood OR	5									PGE
US	WECC	-	AC	400-599	500		12	2015 Castle Rock, WA	Troutdale, OR or Wilsonv	75									BPA
US	WECC	-	AC	100-120	115	305	11	2016 Arlington, WA	North Marysville, WA	6.3									SNPD
US	WECC	-	AC	200-299	230	550	5	2017 Eagle ID	Boise ID	14									IPC
US	WECC	-	AC	200-299	230	394	5	2017 Brownlee ID	Boise ID	-100									IPC
US	WECC	-	AC	200-299	230	394	5	2017 Brownlee ID	Eagle ID	78									IPC
US	WECC	-	AC	200-299	230	394	5	2017 Eagle ID	Boise ID	22									IPC
US	WECC	-	AC	100-120	120	200	6	2018 Bordertown, NV	Verdi, CA	12 OH		T							SPP
US	WECC	-	AC	400-599	500	3000	6	2018 Carson City, NV	Las Vegas NV	265 OH	T	S		954 ACSR	1	1	1		SPP
US	WECC	-	AC	200-299	230	460	4	2009 Denroy Creek WY	Pumpkin Buttes WY	75				1590 ACSR	3	1	1		BHP
US	WECC	-	AC	200-299	230	460	5	2009 Dry Fork	Hughes	17									BEPC
US	WECC	-	AC	200-299	230	460	5	2009 Dry Fork	Carr Draw	23									BEPC
US	WECC	-	AC	200-299	230	460	8	2009 Dry Fork	Arvada	50									BEPC
US	WECC	-	AC	200-299	230	460	8	2009 Arvada	Tongue River	40									BEPC
US	WECC	-	AC	200-299	230	460	8	2009 Tongue River	Sheridan WY	11									BEPC
US	WECC	-	AC	100-120	230	1200 AMP	11	2009 Sandown CO	Leetsdale CO	6									PSC
US	WECC	-	AC	200-299	230	460	12	2009 Hughes WY	Sheridan WY	105									BEPC
US	WECC	-	AC	100-120	115	232	12	2009 Bayfield CO	Durango CO	15									TSGT
US	WECC	-	AC	100-120	115	166	12	2009 Slamelson CO	Garnet Mesa CO	15									TSGT
US	WECC	-	AC	100-120	115	166	12	2009 Richard Lake CO	Wellington CO	7									TSGT
US	WECC	-	AC	100-120	115	232	12	2009 Montrose CO	Nucia CO	37									TSGT
US	WECC	-	AC	100-120	115	132	12	2009 Cahone CO	Nucia CO	44									TSGT
US	WECC	-	AC	200-299	230	402	12	2009 Cheyenne WY	Ault CO	35 OH	H	W		1,272 KCM ACSR	1	2	2		WACM
US	WECC	-	AC	100-120	230	402	12	2009 Cheyenne WY	Miracle Mile WY	146 OH	H	W		1,272 KCM ACSR	1	1	2		WACM
US	WECC	-	AC	200-299	230	500	5	2010 Chambers CO	Spruce CO	8									PSC
US	WECC	-	AC	200-299	230	500	5	2010 Chambers CO	Tower CO	8									PSC
US	WECC	-	AC	200-299	230	500	5	2010 Spruce CO	Tower CO	-8									PSC
US	WECC	-	AC	200-299	230	506	5	2010 Comanche CO	Fuller CO	-78									PSC
US	WECC	-	AC	200-299	230	800	5	2010 Midway CO	Daniels Park #2 CO	-75									PSC
US	WECC	-	AC	200-299	230	506	5	2010 Comanche CO	Midway CO	50									PSC
US	WECC	-	AC	200-299	230	800	5	2010 Midway CO	Fuller CO	30									PSC
US	WECC	-	AC	300-399	345	1200	5	2010 Comanche CO	Daniels Park #1 CO	125									PSC
US	WECC	-	AC	300-399	345	1200	5	2010 Comanche CO	Daniels Park #2 CO	125									PSC
US	WECC	-	AC	200-299	230		10	2010 Erie, CO	Hoyt, CO	45.3 OH									WACM
US	WECC	-	AC	300-399	345	1200	5	2011 Midway CO	Waterton CO	82							1		PSC
US	WECC	-	AC	100-120	115	166	12	2010 Nucia CO	Telluride CO	48									TSGT
US	WECC	-	AC	200-299	230	398	1	2011 Longmont CO	Platteville CO	21 hybrid	P	S		OH 954, U.OH ACSR,	1	2	2		PRPA
US	WECC	-	AC	200-299	230	472	5	2011 Fort Collins CO	Loveland CO	10 hybrid	P	S		OH 954, U.OH ACSR,	1	2	2		PRPA
US	WECC	-	AC	200-299	230		10	2011 Alcovia, WY	Miracle Mile (West), WY	24.1 OH									WACM
US	WECC	-	AC	200-299	230	613	12	2013 Walsburg CO	San Luis Valley CO	80									TSGT
US	WECC	-	AC	200-299	230		10	2012 Alcovia, WY	Casper (South), WY	28.6 OH									WACM
US	WECC	-	AC	200-299	230		10	2012 Boyd (Larimer county),	Weld county, Co	12.7 OH									WACM
US	WECC	-	AC	300-399	345	735	5	2013 Pawnee CO	Smoky Hill CO	96									PSC
US	WECC	-	AC	200-299	230		10	2013 Casper (South) WY	Dave Johnston Substatio	31.25 OH									WACM
US	WECC	-	AC	200-299	230		10	2014 Alcovia, WY	Miracle Mile (East), WY	28.1 OH									WACM
US	WECC	-	AC	200-299	230		10	2015 Alcovia, WY	Casper (North), WY	24.6 OH									WACM
US	WECC	-	AC	200-299	230		10	2016 Casper (North), WY	Dave Johnston Substatio	37.5 OH									WACM
US	WECC	-	AC	200-299	230		12	2017 Lovell, WY	Yellowtail, MT	46.8 OH									WACM
US	WECC	-	AC	400-599	500	1905	5	2009 Phoenix AZ	Border City NV	0									SRP
US	WECC	-	AC	400-599	500	1494	5	2009 Coronado AZ	Silverking	0									SRP
US	WECC	-	AC	200-299	230	550	12	2009 El Centro El Centro CA		9									IID
US	WECC	-	AC	200-299	230	1200	6	2010 Phoenix AZ	Phoenix AZ	4									APS
US	WECC	-	AC	200-299	230	1200	6	2010 Phoenix AZ	Phoenix AZ	12									APS
US	WECC	-	AC	400-599	500	1000	6	2010 Table Mesa AZ	Phoenix AZ	26									APS
US	WECC	-	AC	400-599	500	2728	6	2010 Table Mesa AZ	Table Mesa AZ	1									APS

US	WECC	-	AC	100-120	115	123	6	2010 San Manuel, AZ	San Manuel, AZ	4.5 OH				795 ACSR		1	1	SWTC	
US	WECC	-	AC	100-120	115	219	6	2010 Pima County, AZ	Pima County, AZ	0.6 OH				1272 ACSR		1	1	SWTC	
US	WECC	-	AC	100-120	115	219	6	2010 Red Rock, AZ	Marana, AZ	15 OH				1272 ACSR		4	4	SWTC	
US	WECC	-	AC	100-120	115	219	6	2010 Marana, AZ	Pima County, AZ	5 OH				1272 ACSR		1	1	SWTC	
US	WECC	-	AC	100-120	115	219	6	2010 Pima County, AZ	Pima County, AZ	2.6 OH				1272 ACSR		1	1	SWTC	
US	WECC	-	AC	121-150	230	192	9	2010 Stirling Mountain NV	Vista NV	25								VEA	
US	WECC	-	AC	200-299	230	600	12	2010 San Felipe CA	Bannister CA	23								ID	
US	WECC	-	AC	400-599	500	1200	12	2010 Imperial Valley CA	San Felipe CA	38								ID	
US	WECC	-	AC	400-599	500	1200	12	2010 San Felipe CA	Narrows CA	13								ID	
US	WECC	-	AC	100-120	115		12	2010		10								EPE	
US	WECC	-	AC	100-120	115		12	2010		9								EPE	
US	WECC	-	AC	100-120	115		12	2010		5								EPE	
US	WECC	-	AC	100-120	115		12	2010		5								EPE	
US	WECC	-	AC	200-299	230	320	1	2011 Stirling Mountain NV	Northwest NV	41								VEA	
US	WECC	-	AC	400-599	500	1405	5	2011 Coolidge, AZ	Mesa, AZ	57								SRP	
US	WECC	-	AC	400-599	500	3585	6	2011 Las Vegas NV	Las Vegas NV	1 OH	T	S		1590 ACSR		3	1	1	NEVP
US	WECC	-	AC	200-299	230	875	6	2011 Coolidge, AZ	Florence, AZ	30									SRP
US	WECC	-	AC	200-299	230	875	6	2011 Florence, AZ	Queen Creek, AZ	13									SRP
US	WECC	-	AC	200-299	230	875	6	2011 Queen Creek AZ	Florence AZ	12									SRP
US	WECC	-	AC	100-120	115	219	6	2011 Pima County, AZ	Pima County, AZ	2.8 OH				1272 ACSR			1	1	SWTC
US	WECC	-	AC	100-120	115	219	6	2011 Pima County, AZ	Pima County, AZ	13.71 OH				1272 ACSR			1	1	SWTC
US	WECC	-	AC	400-599	500	1100	6	2011 Eleven Mile Corner, AZ	Red Rock, AZ	30									TEP
US	WECC	-	AC	100-120	115		12	2011		6									EPE
US	WECC	-	AC	200-299	230	1200	6	2012 Las Vegas NV	Mercury NV	75 OH	T	S		954 ACSR		2	2	2	NEVP
US	WECC	-	AC	200-299	230	875	6	2012 Gilbert AZ	Queen Creek AZ	20									SRP
US	WECC	-	AC	200-299	230	875	6	2012 Queen Creek AZ	Florence AZ	20									SRP
US	WECC	-	AC	100-120	115	219	6	2012 Marana, AZ	Marana, AZ	0.2 OH				1272 ACSR			1	1	SWTC
US	WECC	-	AC	200-299	230	320	12	2012 Vista NV	Pahrump NV	11									VEA
US	WECC	-	AC	200-299	230	833	5	2013 Casa Grande, AZ	Coolidge AZ	21									SRP
US	WECC	-	AC	400-599	500	1405	5	2013 Maricopa AZ	Coolidge, AZ	30									SRP
US	WECC	-	AC	200-299	230	1200	6	2013 Phoenix AZ	Phoenix AZ	15									APS
US	WECC	-	AC	200-299	230	1200	6	2013 Phoenix AZ	Phoenix AZ	15									APS
US	WECC	-	AC	200-299	230	1200	6	2013 Las Vegas NV	Las Vegas NV	1 OH	T	S		954 ACSR		2	2	2	NEVP
US	WECC	-	AC	200-299	230	1200	6	2013 Las Vegas NV	Las Vegas NV	1 OH	T	S		954 ACSR		2	2	2	NEVP
US	WECC	-	AC	200-299	230	810	6	2013 Las Vegas NV	Las Vegas NV	18 OH	T	S		954 ACSR		2	1	1	NEVP
US	WECC	-	AC	200-299	230	810	6	2013 Las Vegas NV	Las Vegas NV	18 OH	T	S		954 ACSR		2	1	1	NEVP
US	WECC	-	AC	200-299	230	810	6	2013 Las Vegas NV	Las Vegas NV	4 OH	T	S		954 ACSR		2	1	1	NEVP
US	WECC	-	AC	400-599	500	3000	6	2013 Las Vegas NV	Las Vegas NV	8 OH	T	S		1590 ACSR		3	2	2	NEVP
US	WECC	-	AC	400-599	500	3000	6	2013 Las Vegas NV	Las Vegas NV	8 OH	T	S		1590 ACSR		3	2	2	NEVP
US	WECC	-	AC	400-599	500	3000	6	2013 Las Vegas NV	Las Vegas NV	28 OH	T	S		1590 ACSR		3	1	1	NEVP
US	WECC	-	AC	400-599	500	3000	6	2013 Las Vegas NV	Las Vegas NV										NEVP
US	WECC	-	AC	400-599	500	1500	6	2013 Mobile AZ	Maricopa AZ	13									SRP
US	WECC	-	AC	121-150	138	192	12	2013 Vista NV	Charleston NV	12									VEA
US	WECC	-	AC	400-599	500	3000	1	2014 Ancho, NM	Coolidge AZ	460 OH						1	1		SWPG
US	WECC	-	AC	400-599	500	1300	4	2014 Four Corners NM	Red Mesa AZ	189									DPA
US	WECC	-	AC	200-299	230	1200	6	2014 West Phoenix AZ	West Phoenix AZ	15									APS
US	WECC	-	AC	200-299	230	1200	6	2014 Peoria AZ	Pioneer AZ	9									APS
US	WECC	-	AC	400-599	500	600	6	2014 Palo Verde AZ	Phoenix AZ	45									APS
US	WECC	-	AC	400-599	500	1200	6	2014 Wintersburg AZ	Yuma AZ	115									APS
US	WECC	-	AC	400-599	500	1300	6	2014 Moenkopi AZ	Marketplace NV	218									DPA
US	WECC	-	AC	400-599	500	3000	6	2014 Las Vegas NV	Boulder City NV	61 OH	T	S		1590 ACSR		3	2	2	NEVP
US	WECC	-	AC	200-299	230	TBD	6	2014 Cochise, AZ	Benson, AZ	16 OH			TBD	TBD		1	1		SWTC
US	WECC	-	AC	300-399	345	925	6	2014 Red Rock AZ	Vail AZ	60									TEP
US	WECC	-	AC	400-599	500	1300	12	2014 Red Mesa AZ	Moenkopi AZ	62									DPA
US	WECC	-	AC	300-399	345	925	12	2014 Sahuarita AZ	Nogales AZ	60									TEP
US	WECC	-	AC	300-399	345	925	12	2014 Sahuarita AZ	Nogales AZ	60									TEP
US	WECC	-	AC	200-299	230	1200	6	2015 West Phoenix AZ	West Phoenix AZ	12									APS
US	WECC	-	AC	200-299	230	1200	6	2015 West Phoenix AZ	West Phoenix AZ	12									APS
US	WECC	-	AC	200-299	230	810	6	2015 Las Vegas NV	Las Vegas NV	16 OH	T	S		954 ACSR		2	1	1	NEVP
US	WECC	-	AC	200-299	230	810	6	2015 Las Vegas NV	Las Vegas NV	1 OH	T	S		954 ACSR		2	1	1	NEVP
US	WECC	-	AC	200-299	230	810	6	2015 Las Vegas NV	Las Vegas NV	16 OH	T	S		954 ACSR		2	1	1	NEVP
US	WECC	-	AC	200-299	230	810	6	2015 Las Vegas NV	Las Vegas NV	15 OH	T	S		954 ACSR		2	1	1	NEVP
US	WECC	-	AC	200-299	230	TBD	6	2015 Benson, AZ	Sahuarita, AZ	68.7 OH			TBD	TBD		1	1		SWTC
US	WECC	-	AC	100-120	115		12	2015		30									EPE
US	WECC	-	AC	400-599	500	1200	6	2016 Northwest of Phoenix AZ	Peoria AZ	40									APS
US	WECC	-	AC	400-599	500	3000	6	2016 Boulder City NV	Mercury NV	110 OH	T	S		1590 ACSR		3	1	1	NEVP
US	WECC	-	AC	400-599	500	3000	6	2016 Las Vegas NV	Mercury NV	75 OH	T	S		1590 ACSR		3	1	1	NEVP
US	WECC	-	AC	300-399	345	581	12	2017 Winchester AZ	Vail AZ	40									TEP
US	WECC	-	AC	300-399	345	925	12	2017 Vail AZ	Sahuarita AZ	14									TEP
US	WECC	-	AC	300-399	345	925	12	2017 Springerville AZ	Greenlee AZ	110									TEP

US	WECC	-	AC	300-399	345	925	12	2017 Maricopa As	Sahuarita AZ	178									TEP
US	WECC	-	AC	300-399	345	425	12	2017 Red Rock AZ	Sahuarta AZ	68									TEP
US	WECC	-	AC	400-599	500	1000	12	2017 Red Rock AZ	Winchester AZ	80									TEP
US	WECC	-	AC	200-299	230	1200	6	2018 Phoenix AZ	Phoenix AZ	7									APS
US	WECC	-	AC	200-299	230	810	6	2018 Las Vegas NV	Las Vegas NV	5 OH	T		S	954 ACSR	2	1	1		NEVP
US	WECC	-	AC	200-299	230 TBD		6	2018 Sierra Vista, AZ	Sierra Vista, AZ	2 OH				TBD		1	1		SWTC
US	WECC	-	AC	200-299	230 TBD		6	2018 Pima County, AZ	Sierra Vista, AZ	36 OH				TBD		1	1		SWTC
US	WECC	-	AC	200-299	230 TBD		6	2018 Pima County, AZ	Sierra Vista, AZ	8 OH				TBD		1	1		SWTC
US	WECC	-	AC	200-299	230 2480 AMP		6	2009 Rancho Vista CA	Pajuda CA	15									SCE
US	WECC	-	AC	200-299	230 2480 AMP		6	2009 Rancho Vista CA	Mira Loma CA	7									SCE
US	WECC	-	AC	200-299	230 3230 AMP		6	2009 Rancho Vista CA	Etiwanda CA	1									SCE
US	WECC	-	AC	200-299	230 3230 AMP		6	2009 Rancho Vista CA	Etiwanda CA	1									SCE
US	WECC	-	AC	400-599	500 3950 AMP		6	2009 Rancho Vista CA	Serrano CA	30									SCE
US	WECC	-	AC	200-299	230	600	6	2009 Encina	Penasquitos	11									SDGE
US	WECC	-	AC	200-299	230	683	2	2010 Contra Costa Substation	Las Positas Substation (L	28 OH	T		S	954 kcmil ACSS	1	2	2		PG&E
US	WECC	-	AC	200-299	230	1366	5	2010 Newark Substation (Frer	Ravenswood Substation (	18 OH	T		S	954 kcmil ACSS	2	2	2		PG&E
US	WECC	-	AC	200-299	230	754	5	2010 Birds Landing Switching	Contra Costa Substation	18 OH	T		S	1113 kcmil ACSS	1	2	2		PG&E
US	WECC	-	AC	200-299	230	604	5	2010 Table Mountain Substati	Rio Oso Substation (Rio	136 OH	T		S	795 kcmil ACSS	1	2	2		PG&E
US	WECC	-	AC	400-599	500 3950 AMP		6	2010 Tehachapi CA	Saugus CA	82.7									SCE
US	WECC	-	AC	200-299	230 3950 AMP		6	2010 Julian Hinds CA	Buck Blvd CA	66									SCE
US	WECC	-	DC	400-599	± 500	2400	11	2010 Intermountain UT	Adelanto CA	0 N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	LADWP
US	WECC	-	AC	200-299	230	683	12	2010 Pittsburg Substation (Pitt	Telsa Substation (Liverm	62 OH	T		S	954 kcmil ACSS	1	2	2		PG&E
US	WECC	-	AC	200-299	230	1366	5	2011 Telsa Substation (Liverm	Newark Substation (Frem	54 OH	T		S	954 kcmil ACSS	2	2	2		PG&E
US	WECC	-	AC	200-299	230	754	5	2011 Vaca Dixon Substation (	Birds Landing Switching	50 OH	T		S	1113 kcmil ACSS	1	2	2		PG&E
US	WECC	-	AC	200-299	230	658	5	2011 Lakeville Substation (Pe	Lakeville Substation (Pet	0.5 OH	T		S	1113 kcmil AL	1	2	2		PG&E
US	WECC	-	AC	200-299	230	683	5	2011 Contra Costa Substation	Moraga Substation (Orinc	54 OH	T		S	954 kcmil ACSS	1	2	2		PG&E
US	WECC	-	AC	200-299	230 1240 AMP		6	2011 Devers CA	Mirage CA	15									SCE
US	WECC	-	AC	200-299	230	1200	4	2012 O'Banion CA	Elverta CA	26									WASN
US	WECC	-	AC	200-299	230	600	6	2012 San Diego CA	San Diego CA	40									SDGE
US	WECC	-	AC	200-299	230	600	6	2012 San Diego CA	San Diego CA	40									SDGE
US	WECC	-	AC	400-599	500	600	6	2012 Imperial Valley CA	San Diego CA	100									SDGE
US	WECC	-	AC	200-299	230	800	8	2013 Barren Ridge CA	Castaic CA	72 OH	T		S	2156 ACSS/AW	1	1	2		LADWP
US	WECC	-	AC	200-299	230 3230 AMP		12	2012 Rector CA	Springville CA	38									SCE
US	WECC	-	AC	200-299	230	658	5	2013 Vaca Dixon Substation (	Lakeville Substation (Pet	80 OH	T		S	1113 kcmil AL	1	2	2		PG&E
US	WECC	-	AC	400-599	500 3950 Amp		6	2013 Tehachapi CA	Mira Loma CA	250									SCE
US	WECC	-	AC	200-299	230	800	8	2013 Barren Ridge CA	Haskell CA	61 OH	T		S	2156 ACSS/AW	1	1	2		LADWP
US	WECC	-	AC	400-599	500	600	11	2013 Devers II CA	Hesperia CA	85									LADWP
US	WECC	-	AC	400-599	500	1200	11	2013 Devers II CA	Devers CA	2 OH/UG	T		S	2312 ACSR	2	1	1		LADWP
US	WECC	-	AC	400-599	500 2700 AMP		12	2013 Harquahala Junction	AZ Devers CA	270									SCE
US	WECC	-	AC	400-599	500	2146	12	2013 Bakersfield, Ca	Fresno, Ca	280 OH	T		S	2300 kcmil AL	2	2	2		PG&E
US	WECC	-	AC	400-599	500	3000	12	2015 Selkirk BC	Collinsville CA	2500 DC	T		S	TBD	TBD	3	2	2	PG&E
US	WECC	-	AC	400-599	500/230	800 and 2	12	2015 Collinsville, CA	Pittsburg, CA	8 OH and 5	T		S	2300 kcmil AL	2	2	2		PG&E
US	WECC	-	AC	200-299	230 3950 AMP		6	2017 Magunden CA	Rector CA	160									SCE
US	WECC	-	AC	400-599	500 300 AMP		3	2010 Ingledow, BC	Custer, WA	14									BCHA
US	WECC	-	AC	121-150	144	330/422	4	2010 Wesley Creek AB	Hotchkiss AB	83									AESO
US	WECC	-	AC	200-299	240	550/702	4	2010 Brintnell AB	Wesley Creek AB	145									AESO
US	WECC	-	AC	200-299	240	600/744	6	2010 Peigan AB	North Lethbridge AB	37									AESO
US	WECC	-	AC	200-299	240	600/744	6	2010 Peigan AB	Goose Lake AB	20									AESO
US	WECC	-	AC	400-599	500	2600	6	2010 Genesee AB	Ellerslie AB	20									AESO
US	WECC	-	AC	200-299	230	534	6	2010 North Lethbridge AB	Canada - US Border	80									ALTA
US	WECC	-	AC	200-299	230	506	12	2010 V. Lake Terminal BC	R.G. Anderson BC	17									FBC
US	WECC	-	AC	200-299	230	506	12	2010 V. Lake Terminal BC	R.G. Anderson BC	17									FBC
US	WECC	-	AC	200-299	230	506	12	2010 V. Lake Terminal BC	Bentley BC	7									FBC
US	WECC	-	AC	121-150	144	114/146	4	2011 Ring Creek AB	Arcencell AB	70									AESO
US	WECC	-	AC	121-150	144	114/146	4	2011 Suphur Point AB	High Level AB	65									AESO
US	WECC	-	AC	400-599	500	3000	11	2011 Genesee AB	Langdon AB	206									AESO
US	WECC	-	AC	400-599	500	2600	12	2012 Genesee AB	Keephills AB	20									AESO
US	WECC	-	AC	400-599	500 3000 Amp		10	2014 Nicola BC	Meridian BC	153									BCHA
US	WECC	-	AC	200-299	230	430	10	2009 La Jovita MX	Presidente Juarez MX	38									CFE
US	WECC	-	AC	200-299	230	430	10	2009 La Jovita MX	El Ciprés MX	38									CFE
US	WECC	-	AC	200-299	230	430	10	2009 La Jovita MX	Lomas MX	38									CFE
US	WECC	-	AC	200-299	230	388	6	2010 Mexicali MX	Tecnologico MX	10									CFE
US	WECC	-	AC	200-299	230	388	6	2010 El Centenario MX	La Rosita MX	10									CFE
US	WECC	-	AC	200-299	230	388	6	2010 El Centenario MX	Sanchez Taboada MX	10									CFE
US	WECC	-	AC	200-299	230	388	10	2012 Ejido Michoacan de Oca	Mexicali MX	30									CFE
US	WECC	-	AC	200-299	230	388	10	2012 Ejido Michoacan de Oca	Tecnologico MX	30									CFE
US	WECC	-	AC	200-299	230	388	10	2012 Ejido Michoacan de Oca	Sanchez Taboada MX	30									CFE
US	WECC	-	AC	200-299	230	430	10	2013 La Jovita MX	La Herradura MX	50									CFE
US	WECC	-	AC	200-299	230	430	6	2015 El Cañon MX	El Ciprés MX	52									CFE

Notes: • Data are received as final. • Projected data are updated annually. • NERC Regional Council names may be found in the reference document. • Information identified for reliability purposes by NERC.

- **Line Type:** OH=Overhead; UG=Underground; SM=Submarine.
- **Voltage Type:** AC=Alternating Current; DC=Direct Current.
- **Conductor Material Type:** AL=Aluminum; ACCR=Aluminum Composite Conductor Reinforced; ACSR=Aluminum Core Steel Reinforced; CU=Copper; OT=Other.
- **Bundling Arrangement:** 1=Single; 2=Double; 3=Triple; 4=Quadruple; OT=Other.
- **Pole Material:** W=Wood; C=Concrete; S=Steel; B=Combination; P=Composite; O=Other.
- **Pole Type:** P=Single pole; H=H-frame; T=tower; U=Underground; O=Other.
- **MVA:** A unit of measure that is defined as "millions of volt-amperes".
- **MCM:** A unit of measure that is defined as "thousands of circular mils".
- **Has Not Been Determined:** Non-standard reporting by a company where this company does not know all the details and they report only what is known.
- **Negative Transmission Line Length:** Usage of a negative value equates to transmission line mileage taken out of service and represents alterations where part of the power system was shortened.
- **Zero Transmission Mileage:** Information reported covers planned and conceptual projects. Where the company does not know all the details, they report only what is known.
- Regional name and function has changed from Electric Reliability Council of Texas (ERCOT) to Texas Reliability Entity (TRE).

The name ERCOT is now associated with regional transmission organization.

- Regional name has changed from Mid-Continent Area Power Pool (MAPP) to Midwest Reliability Organization (MRO).
- The MRO, SERC, and SPP regional boundaries were altered as utilities changed reliability organizations. The historical data series have not been adjusted.

• ECAR, MAAC, and MAIN dissolved at the end-of-2005. Utility membership joined other reliability regional councils.

- Reliability *First* Corporation (RFC) came into existence on January 1, 2006, and submitted a consolidated filing covering the historical NERC regions of ECAR, MAAC, and MAIN. Many of the former utility members joined RFC.

• Company names and reference abbreviations are from the NERC usage. Source reference for codes is found at: <http://www.nerc.com/page.php?cid=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."

[illegible]

[illegible]

[illegible]

100 Planned	Reliability	0
100 Planned	Reliability	0
100 Planned	Nuclear Int	0
100 Planned	Reliability	0
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100 Planned	Reliability	0
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100 Under Con	Reliability	0
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100 Conceptua	Reliability	0
100 Conceptua	Fossil-Fire	0
100 Conceptua	Fossil-Fire	0
100 Conceptua	Fossil-Fire	0
100 Conceptua	Fossil-Fire	0
100 Conceptua	Fossil-Fire	0
100 Under Con	Other	0
100 Under Con	Other	0
100 Under Con	Reliability	0
100 Conceptua	Reliability	0
100 Conceptua	Economics	0
100 Conceptua	Other	0
100 Conceptua	Other	0
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100 Conceptua	Other	0
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100 Conceptua	Other	0
100 Conceptua	Economics	0
100 Planned	Other	0
100 Planned	Other	0
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100 Planned	Other	0
100 Planned	Other	0
100 Planned	Other	0
100 Planned	Other	0
100 Planned	Reliability	0
100 Planned	Fossil-Fire	0
100 Planned	Fossil-Fire	0
100 Planned	Reliability	0
100 Planned	Reliability	0
100 Planned	Reliability	0
100 Planned	Reliability	0
100 Planned	Local Relia	0
100 Planned	Wide Area	0
100 Planned	Reliability	0
100 Planned	Reliability	0
100 Planned	Reliability	0
100 Planned	Reliability	0
100 Planned	Reliability	0
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100 Planned	Reliability	0
100 Under Con	Reliability	0
100 Under Con	Reliability	0
100 Under Con	Reliability	0
100 Under Con	Reliability	0

100 Under Con Fossil-Fire	0
100 Under Con Fossil-Fire	0
100 Conceptua Reliability	0
100 Planned Fossil-Fire	0
100 Planned Fossil-Fire	0
100 Planned Reliability	0
100 Under Con Reliability	0
100 Under Con Other	0
100 Under Con Other	0
100 Under Con Fossil-Fire	0
100 Under Con Fossil-Fire	0
100 Under Con Fossil-Fire	0
100 Under Con Fossil-Fire	0
100 Conceptua Reliability	0
100 Planned Fossil-Fire	0
100 Under Con Reliability	0
100 Under Con Reliability	0
100 Conceptua Other	0
100 Planned Reliability	0
100 Planned Reliability	0
100 Planned Reliability	0
100 Planned Reliability	0
100 Planned Reliability	0
100 Planned Other	0
100 Planned Other	0
100 Planned Reliability	0
100 Planned Reliability	0
100 Under Con Reliability	0
100 Under Con Reliability	0
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100 Planned Nuclear Int	0
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100 Under Con Reliability	0
100 Conceptua Reliability	0
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100 Planned Reliability	0
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100 Planned Reliability	0
100 Planned Reliability	0
100 Under Con Reliability	0
100 Conceptua Reliability	0
100 Conceptua Reliability	0
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100 Conceptua Reliability	0

100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Reliability	0
100	Conceptua Reliability	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Reliability	0
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100	Conceptua Nuclear Int	0
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100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Reliability	0
100	Conceptua Reliability	0
100	Conceptua Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Conceptua Reliability	0
100	Conceptua Fossil-Fire	0
100	Conceptua Reliability	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Conceptua Nuclear Int	0
100	Under Con Reliability	0
100	Conceptua Reliability	0
100	Planned Other	0
100	Planned Other	0
100	Planned Reliability	Economics or Congestion
100	Planned Reliability	Economics or Congestion
100	Planned Reliability	0
100	Planned Reliability	Economics or Congestion
100	Planned Reliability	Economics or Congestion
100	Planned Reliability	0
100	Planned Reliability	0
100	Planned Fossil-Fire	Economics or Congestion
100	Planned Economics	0
100	Conceptua Economics Reliability	
100	Conceptua Reliability	0
100	Conceptua Reliability	0
100	Under Con Economics	0
100	Planned Reliability	0
100	Conceptua Reliability	0
55	Planned Reliability	0
78	Planned Reliability	0
100	Conceptua Reliability	0
100	Conceptua Reliability	0
100	Conceptua Reliability	0
100	Under Con Reliability	0
100	Under Con Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Conceptua Reliability	0
100	Under Con Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Planned Reliability	0
100	Under Con Reliability	0
100	Under Con Reliability	0
100	Under Con Reliability	0
100	Planned Other	0
100	Conceptua Other	0
100	Planned Economics	Economics or Congestion

50	Planned	Reliability	Reliability
50	Planned	Reliability	Reliability
100	Planned	Economics	Economics or Congestion
100	Planned	Economics	Economics or Congestion
0	Conceptua	Reliability	Reliability
100	Planned	Reliability	Economics or Congestion
100	Planned	Reliability	Reliability
100	Planned	Other	Other
100	Conceptua	Reliability	Reliability
100	Conceptua	Economics	Other
100	Under Con	Reliability	0
100	Conceptua	Reliability	0
100	Planned	Reliability	Economics or Congestion
100	Planned	Reliability	Economics or Congestion
93	Planned	Reliability	Economics or Congestion
100	Planned	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Conceptua	Reliability	0
100	Planned	Reliability	0
100	Planned	Reliability	0
100	Planned	Reliability	0
100	Planned	Reliability	0
100	Planned		
100	Under Construction		
100	Under Construction		
100	Under Con	Economics or Congestion	
1	Under Con	Economics Other	
100	Under Con	Economics Reliability	
100	Under Con	Economics Reliability	
100	Under Con	Economics Reliability	

100 Under Con Reliability

100	Under Con	Reliability	
100	Under Con	Economics or Congestion	
100	Planned	Economics or Congestion	
1	Planned	Economics Other	
1	Planned	Economics Other	
100	Under Construction		
100	Conceptua	Variable/Rt Other	
100	Conceptua	Variable/Rt Other	
100	Conceptua	Variable/Rt Other	
100	Under Con	Economics or Congestion	
100	Planned	Economics or Congestion	
100	Planned	Economics or Congestion	
100	Planned	Economics or Congestion	
1	Under Con	Variable/Rt Economics or Congestion	
100	Planned		
100	Planned	Economics or Congestion	
100	Planned	Economics or Congestion	
1	Planned	Economics Other	
1	Under Con	Economics or Congestion	
1	Under Con	Variable/Renewable Integration	
1	Planned	Variable/Rt Economics or Congestion	
0% (GBT OWI)	Planned	Variable/Rt Economics or Congestion	
100	Planned		
100	Planned		
100	Planned		
100	Planned		
1	Conceptua	Economics Other	

100	Under Con	Variable/Rt Economics or Congestion	
100	Conceptual		
100	Conceptual		
100	Conceptual		
100	Conceptual		

	100	Planned	Economics or Congestion
	100	Conceptua	Variable/R/Economics or Congestion
	100	Conceptua	Other
	100	Conceptua	Other
	0	Conceptua	Other
	0	Conceptua	Other
	0	Conceptua	Other
	100	Conceptua	Other
	100	Planned	Variable/R/Economics or Congestion
unknown	100	Planned	Variable/R/Economics or Congestion
unknown	at th	Conceptua	Other
	100	Conceptua	Reliability
	1	Planned	Economics or Congestion
0% (GBT	OWI	Conceptua	Variable/R/Economics or Congestion
	1	Under Con	Variable/R/Economics or Congestion
	1	Planned	Economics
	1	Planned	Economics or Congestion
	100	Conceptua	Other
	100	Conceptua	Other
	100	Conceptua	Other
unknown	at th	Conceptua	Other
unknown	at th	Conceptua	Other
unknown	at th	Conceptua	Other
unknown	at th	Conceptua	Other
	100	Conceptua	Other
	100	Conceptua	Other
	100	Conceptua	Reliability
	100	Planned	Variable/R/Economics or Congestion
	100	Conceptual	
	100	Conceptua	Other
	100	Conceptua	Other
	100	Conceptua	Other
	100	Conceptua	Other
	1	Planned	Economics or Congestion
50% (50%	W	Conceptua	Variable/Renewable Integration
	100	Under Construction	
	100	Under Construction	
	100	Under Construction	
	100	Under Construction	
	100	Under Construction	
	100	Planned	
	100	Planned	
	100	Planned	
	100	Planned	
	100	Planned	
	100	Planned	
	0.5	Under Con	Reliability
	1	In-Service	Reliability
	100	Planned	
	100	Planned	
	100	Planned	
	100	Planned	
	100	Planned	
	100	Planned	
	100	Planned	
	100	Planned	
	1	Under Con	Reliability
	100	Planned	
	100	Planned	
	100	Under Con	Reliability
	100	Under Con	Reliability
	1	Planned	Reliability
	100	Planned	
	1	Planned	Reliability
	0.6	Planned	Reliability
	100	Planned	
	1	Planned	Reliability
	1	Planned	Reliability
	1	Planned	Reliability
	1	Planned	Reliability
	1	Planned	Reliability
	100	Under Con	Reliability
100% SRP		Under Con	Fossil-Fire
	100	Planned	
	1	Planned	Economics Reliability
	1	Planned	Economics Reliability
APS-50%-	SF	Planned	Economics Reliability
	1	Planned	Economics Reliability

100 Conceptua Reliability
 62.03 Conceptua Reliability
 71.16 Conceptua Reliability
 71.16 Conceptua Reliability
 62.03 Conceptua Reliability
 100 Planned
 100 Planned
 100 Planned
 100 Planned
 100 Planned
 100 Planned Other
 100 Planned Other
 100 Planned Other
 100 Planned Other
 100 Planned
 100% SRP Planned Reliability Economics or Congestion
 1 Under Con Fossil-Fired Integration
 100% SRP Planned Reliability
 100% SRP Planned Reliability
 100% SRP Planned Reliability
 100 Conceptua Reliability
 100 Conceptua Reliability
 100 Planned
 100 Planned Other
 50% (50% VE Planned Variable/Rt Economics or Congestion
 100% SRP Planned Reliability Economics or Congestion
 100% SRP Planned Reliability
 100 Conceptua Reliability
 100 Planned
 50% SRP
 50% APS Planned Reliability Economics or Congestion
 63.46% SRP
 19.23% TEP
 7.69% ED3
 4.81% ED2
 3.85% ED4
 .96% SWTC Planned Reliability Economics or Congestion
 ??? Planned Economics Reliability
 APS-75%; EC Planned Economics Reliability
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Conceptua Variable/Rt Economics or Congestion
 63.46% SRP
 19.23% TEP
 7.69% ED3
 4.81% ED2
 3.85% ED4
 .96% SWTC Planned Reliability Economics or Congestion
 100 Planned
 Participation F Planned Variable/Rt Variable/Renewable Integration
 10 Conceptua Fossil-Fire Variable/Renewable Integration
 1 Planned Economics Reliability
 1 Planned Economics Reliability
 APS-80%; SI Planned Economics Reliability
 APS-40%; SF Planned Economics Reliability
 10 Conceptua Variable/Rt Fossil-Fired Integration
 1 Conceptua Variable/Renewable Integration
 100 Conceptua Reliability
 100 Conceptual
 10 Conceptua Fossil-Fire Variable/Renewable Integration
 100 Conceptual
 100 Conceptual
 1 Planned Economics Reliability
 1 Planned Economics Reliability
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Planned Economics or Congestion
 1 Conceptua Economics or Congestion
 1 Conceptua Economics or Congestion
 100 Conceptua Reliability
 100 Conceptua Other
 APS-80%; SI Planned Economics Reliability
 0% (WAPA OI Conceptua Variable/Renewable Integration
 1 Conceptua Variable/Renewable Integration
 100 Conceptual
 100 Conceptual
 100 Conceptual

[illegible]