Form EIA-411 for 2006
Released: February 07, 2008
Next Update: Cotober 2008
Table 6. Existing and Proposed High-voltage Transmission Line Additions Filed Covering Calendar Year 2006, by North American Electric Reliability Corporation, 2007 Through 2012

(V	ario	ous	)

Various)	eographi	c Δrea	1	Voltage				Flectrical Conn	ection Locations	1	l ine In	formation		Cond	luctor Char	acteristics	Cir	cuits	1	Company Inforn	nation	
Country	cograpiii	- Alta	-	voitage		Caracir		Electrical Conf	LUCALIONS	+	Line III	Uninacion	I	Cond	uctor Cilar	40101131103	Circ	Juito	-	Company Inform	iacioni	Т
- with Total (T) for sub- regions	NERC Region	NERC Sub-region	Туре	Operating (kV)	Design (kV)	Capacity Rating (MVa)	In-Service Date	From Terminal	To Terminal	Length (Miles)	Туре	Pole Type	Pole Material	Size (MCM)	Material	Bundling Arrangement	Present	Ultimate	Company Code	Company Name	Organizational Type	Ownership (Percent)
U	ERCOT		AC	345	345		7-Jan-07	Kendall	Cagnon	45	OH			1.6	ACSR					yPublic Service of San Antion	М	100
U	ERCOT		AC	345	345		7-Jan-07	Jacksboro switch	W. Denton	72	OH			1.6	ACSR				19323	TXU Electric Delivery		100
U	ERCOT		AC AC	345 345	345 345		7-Feb-07 7-Mar-07	W A Parish	Oasis Dow	0	OH			0.8	ACSR				8901 8901	CenterPoint CenterPoint		100
Ü	ERCOT		AC	345	345		1-May-07		W. Levee	9	OH			1.6	ACSR				19323	TXU Electric Delivery	i	100
Ü	ERCOT		AC	345	345		1-May-07		Sherry	1	OH			1	ACSS				19323	TXU Electric Delivery	Ì	100
C	ERCOT		AC	345	345		1-Jun-07	STP	Hillje	19	ОН			0.8	ACSR				8901	CenterPoint	I	100
: C	ERCOT		AC	345	345			W A Parish	Hillje	98	OH			1.4	ACSS				8901	CenterPoint		100
U	ERCOT		AC AC	345 345	345 345			Collin Switch Anna Switch	NW Carrolton Collin Switch	19 13	OH			0.8	ACSR ACSS/TW				19323 19323	TXU Electric Delivery TXU Electric Delivery		100
Ü	ERCOT		AO	040	040		1-Dec-07		Norwood	7	011			1.6	ACSR				19323	TXU Electric Delivery	i	100
Ü	ERCOT							Jewett	Big Brown	0									19323	TXU Electric Delivery	I	100
C	ERCOT							P H Robinson	Oasis	0				0.9	ACAR				8901	CenterPoint	I	100
U	ERCOT						1-Jan-10		Skyline	21				1.3	AA				16604	yPublic Service of San Antion	М	100
U	ERCOT							Hutto Switch W. Denton	Salado Switch NW Carrolton	32 9			Steel	1	ACSR ACSR				19323 18715	TXU Electric Delivery exas Municipal Power Authori	0	100
Ü	ERCOT						1-Jun-10		Valley South	70			Sieei	3.2	ACOR				2172	Brazos Electric Power Coop	C	100
Ü	ERCOT						1-Jun-10		San Miguel	110				1.3	ACSR				829	AEP	ĭ	
U	ERCOT						1-Jun-10		Hutto Switch	71				1.6	ACSR				11269	LCRA	S	100
: <	ERCOT			1		-	1-Dec-10		Bell County SE	8	<u> </u>		ļ	0.8	ACSS				19323	TXU Electric Delivery		100
U	ERCOT							Temple Switch East Bell County	Salado Switch TNP One	88				1.6	ACSR				19323 40051	TXU Electric Delivery cas-New Mexico Power Comp		100
U	ERCOT						1-May-11		Seagoville Switch	9									19323	TXU Electric Delivery	-	100
Ü	ERCOT						1-May-11		Watermill	52									19323	TXU Electric Delivery	i	100
U	ERCOT						1-May-11	Krum W and Anna	Krum W	50				1.6	ACSR				19323	TXU Electric Delivery		100
C	ERCOT						1-May-11		Rio Bravo	30				1.6	ACSR				829	AEP	I	100
U	ERCOT						1-May-11		Cedar Hill	21					1000				19323	TXU Electric Delivery	!	100
U	ERCOT						1-Dec-11 1-Dec-11		Bowman Cabillo	38 25				1.6	ACSR ACSR				829 829	AEP AEP		100
U	ERCOT						1-May-12		Hillcountry	20				1.3	ACSR/TW				16604	yPublic Service of San Antion	M	100
Ü	ERCOT						1-May-13		Rio Bravo	122				1.6	ACSR				829	AEP	Ī	100
U	ERCOT							N. Edinburg	Sol	15				1.6	ACSR				829	AEP		100
U	ERCOT						1-May-13		Sol	12				1.6	ACSR				829	AEP		100
U	ERCOT						1-Jun-13 1-Jun-13		Ranchito South McAllen	10 12				1.6 1.6	ACSR ACSR				829 829	AEP AEP		100
U	ERCOT						1-Juli-13	Ranchito	South McAllen	38				1.6	ACSR				829	AEP	-	100
Ü	ERCOT						1-May-15	Liggett	Trinity Switch	13				1.6	ACSR				19323	TXU Electric Delivery	i	100
U	MRO		AC	345	345		31-Dec-07	Split Rock	Lakefield Jct.	95	OH								13781	Xcel Energy		1
Ü	MRO		AC	345	345	1195	1-Apr-08		103rd & Rokeby Road	48	OH	P	S	795	ACSR	double	0	1	14127	OPPD	S	100
<b>= -</b>	MRO MRO		AC AC	345 345	345 345	1200 1200	1-Jun-08 1-Jun-08	Stone Lake Arrowhead	MN border MN border	68 12	OH	P	S	954 1272	ACSR ACSR	2	1	1	659 659	ATC [1] ATC [1]	0	100 100
Ü	MRO		AC	230	345	TBD		Big Stone 230 kw Sub	Canby Sub	55	OH	TBD	TBD	TBD	TBD	TBD	1	1	14232	OTP	Ī	19.33
Ü	MRO		AC	345	345	800		Arrowhead	Weston	220	OH	P	S	1272	ACSR	double	0	1	659	American Transmission	i	50
U	MRO		AC	345	345	1088		NW 68th & Holdrege	128th & Adams	30	OH	P	S	T-2 397.5	ACSR	Double	0	2	11018	LES	М	100
U	MRO		AC	345	345	1195		NW68th & Holdrege	Columbus East	65	OH		S	T2-477	ACSR	2			13337	NPPD	S	100
U	MRO MRO		AC AC	345 345	345 345	1195 1195		Columbus East Shell Creek	Shell Creek Hoskins	10 45	OH	-	S	T2-477 954	ACSR ACSR	2	2	2	13337 13337	NPPD NPPD	S S	100
U	MRO		AC	230	345	TBD	1-Jun-09	Canby Sub	Granite Falls Sub	45	OH	TBD	TBD	TBD	TBD	TBD	1	1	14232	OTP	-	19.33
Ü	MRO		AC	345	345	100			White	0.5	OH	100	100	100	100	.55			13781	Xcel Energy	i	1
U	MRO		AC	345	345	1446	1-Dec-09		Werner West	47	OH	P	S	2156	ACSR	1	1	1	659	ATC	0	100
U	MRO		AC	345	345	1328		Gardner Park	Central Wisconsin [2]	50	OH	P	S	2156	ACSR	1	1	1	659	ATC	0	100
U	MRO		AC AC	345 230	345	1348 TBD	1-Jun-10	Paddock	Rockdale	35 25	OH	P	S TBD	2157	ACSR	1 TBD	1	2	659	ATC OTP	0	100
U	MRO MRO		AC	230	345 345	TBD		Big Stone 230 kw Sub Johnson Junction	Johnson Junction Morris Sub	16	OH	TBD TBD	TBD	TBD TBD	TBD TBD	TBD	1	1	14232 14232	OTP		19.33 19.33
Ü	MRO		AC	345	345	1098	1-Jun-11		West Middleton	35	OH	P	S	2156	ACSR	1	1	1	659	ATC	0	100
U	MRO		AC	345	345	1165		Waite Park	Monticello	28	OH	P	S	795000	ACSS	Double	1	1	7570	GRE/XEL	С	Unknown
U	MRO		AC	345	345	2066	1-Jun-11	Brookings County	Lyon County 345 kV	49	OH	P	S	954000	ACSS	Double	1	1	7570	GRE/XEL	С	Unknown
U	MRO	1	AC AC	345 345	345 345	4132	1-Jun-11	Lyon County	Franklin Helena	44	OH	P	S	954000	ACSS	Double	2	2	7570	GRE/XEL	C	Unknown
U	MRO MRO	1	AC AC	345 345	345 345	4132 2066	1-Jun-11 1-Jun-11		Lake Marion	67 16	OH	P	S	954000 954000	ACSS ACSS	Double Double	1	1	7570 7570	GRE/XEL GRE/XEL	C	Unknown
U	MRO	1	AC	345	345	2066		Lake Marion	Hampton Corner	18	OH	P	S	954000	ACSS	Double	1	1	7570	GRE/XEL	C	Unknown
Ü	MRO		AC	345	345	2066		Lyon County	Hazel	22	OH	P	S	954000	ACSS	Double	1	1	7570	GRE/XEL	С	Unknown
U	MRO		AC	230	230	388	1-Jun-11		Minnesota Valley	8	OH	P	S	954000	ACSS	Single	1	1	7570	GRE/XEL	С	Unknown
C	MRO		AC	345	345			Maple River	Waite Park	200***	OH								-	**	-	**
U	MRO MRO	1	AC AC	345 345	345 345	1	1-Jun-11 1-Jun-11	Waite Park	Monticello Rochester	30*** 75***	OH	-	1	-	1		1	-	-	**	-	**
U	MRO		AC	345	345	+		Hampton Corners Rochester	North La Crosse	75***	OH	1	<del>                                     </del>		1			-	-	**	-	**
Ü	MRO	1	AC	345	345			Brookings County	Hampton Corners	200***	OH				1				-	**	-	**
Ū	MRO		AC	230	230	TBD	31-Dec-11	Wilton Sub	Boswell Sub	72	OH	TBD	TBD	TBD	TBD	TBD	1	1	14232	OTP		20
U	MRO		AC	230	230	478	1-Jan-12		Boswell	70	OH	H&P	W	954	ACSR	single	1	1	12647	Minnesota Power		9.3
: C	MRO		AC	345	345	1165		Alexandria	Waite Park	65	OH	P	S	795000	ACSS	Double	1	1		RE/MPC/XEL/OTP/MP/WAP	С	Unknown
U	MRO	1	AC	345	345	1165	1-Jul-12	Maple River	Alexandria	111	OH	P	S	795000	ACSS	Double	1	1	7570	RE/MPC/XEL/OTP/MP/WAP	С	Unknown

U MRO		AC	345	345	1165	4 14 12	Alexandria	Waite Park	65	OH	В	S	795	ACSS	double	4	4	12647	Minnesota Power	-	14.7
U MRO		AC	345	345	1165	1-Jul-12 1-Jul-12	Maple River	Alexandria	111	OH	P	S	795	ACSS	double	1	1	12647	Minnesota Power	-	14.7
U NPCC	New Eng.	AC	345	345	520	2008	Stoughton S/S	K Street S/S	15.4	UG	UG	N/A	3000/2500	CU	N/A	N/A	N/A	1998	NSTAR Electric	i	1
U NPCC		AC	345	345	1491	01-2007	New Haven S/S	W. Rutland S/S	35.63	OH	Pole	TBD	2-954	ACSR	2	1	1	19899	VELCO	ì	1
U NPCC		AC	345	345	1730	04-2007	Wachusett S/S	314 Tap	0.05	OH	Pole		2-1113	ACSR	2	1	1	13433	NEP	1	1
U NPCC		AC	345	345	1730	04-2007	Wachusett S/S	343 Tap	0.05	OH	Pole		2-1113	ACSR	2	1	1	13433	NEP	1	1
U NPCC		AC	345	345	520	04-2007	Stoughton S/S	K Street S/S	15.4	UG	UG	N/A	3000/2500	CU	N/A	N/A	N/A	1998	NSTAR Electric		1
U NPCC	New York	AC	345	345		07-2007	Duffy Ave Convertor Sta	Newbridge Rd 345kv	1.7	UG						1			LIPA		
U NPCC	New York	DC	500	500		07-2007	Duffy Ave Convertor Sta		65	UG						1			Atlantic Energy Neptune		
U NPCC		AC	345	345	1100	12-2007		Maine/New Brunswick Bo	84	OH	Pole	W	2-1192	ACSR	2	1	1	1179	Bangor Hydro	1	1
U NPCC		AC	345	345	2154	09-2008	West Amesbury S/S	394 Tap	0.1	OH	Pole		2-1590	ACSR	2	1	1	13433	NEP	I	1
U NPCC		AC	345	345	TBD	09-2008	Carver S/S	Bridgewater S/S	6.8	OH	TBD	TBD	2-1703	TBD	TBD	TBD	TBD	1998	NSTAR Electric	I	1
U NPCC		AC	345	345	TBD	09-2008	Pilgrim S/S	Carver S/S	10	OH	TBD	TBD	2-1703	TBD	TBD	TBD	TBD	1998	NSTAR Electric	ı	1
U NPCC		AC	345	345	2154	07-2009	Wakefield Jct.	339 Tap	0.1	OH	Pole		2-1590	ACSR	2	1	1	13433	NEP		1
U NPCC		AC	345	345	2038	12-2009	Scovill Rock S/S	Chestnut Jct.	2.6	НО	Pole	S	2-1590	ACSR	2	2	2	4176	CL&P		1
U NPCC		AC AC	345 345	345 345	2038	12-2009	Black Pond Jct.	Beseck S/S	2.8	OH	Pole Pole	S	2-1590 2-1590	ACSR ACSR	2	2	2	4176	CL&P CL&P		1
U NPCC		AC	345	345	2038	12-2009 12-2009	Black Pond Jct. Oxbow Jct.	Beseck S/S Beseck S/S	2.8 8	OH	Pole	S	2-1590	ACSR	2	2	2	4176 4176	CL&P CL&P	-	1
U NPCC		AC AC	345	345	600	12-2009	East Devon S/S	CL&P/UI Border (of Sine	2.4	UG	UG	N/A	3000	XLPE	N/A	N/A	N/A	4176	CL&P	-	0.3
U NPCC		AC	345	345	600	12-2009	East Devon S/S	CL&P/UI Border (of Sing	2.4	UG	UG	N/A	3000	XLPE	N/A	N/A	N/A	4176	CL&P	-	0.3
U NPCC		AC	345	345	600	12-2009		CL&P/UI Border (of Sine	5.6	UG	UG	N/A	3000	XI PF	N/A	N/A	N/A	19497	III		0.3
U NPCC		AC	345	345	600	12-2009	Singer S/S Singer S/S	CL&P/UI Border (of Sine	5.6	UG	UG	N/A	3000	XLPE	N/A	N/A	N/A	19497	UI		0.7
U NPCC		AC	345	345	600	12-2009		Singer S/S	15.4	UG	UG	N/A	3000	XLPE	N/A	N/A	N/A	4176	CL&P	-	1
U NPCC		AC	345	345	600	12-2009	Norwalk S/S	Singer S/S	15.4	UG	UG	N/A	3000	XLPE	N/A	N/A	N/A	4176	CL&P	i	1
U NPCC		AC	345	345	2038	12-2009	Beseck S/S	East Devon	33.4	OH	Pole	S	2-1590	ACSR	2	2	2	4176	CL&P	i	1
U NPCC		AC	345	345	872	06-2010	Sprain Brook	Sherman Creek	10	UG	. 0.0	ŭ	2000 CU	. 10011		1	-	4226	ConEd		
U NPCC		AC	345	345	TBD		West Farnum S/S	CT/RI Border	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	13433	NEP		1
U NPCC	rion Ling.	AC	345	345	TBD		Millbury S/S	West Farnum S/S	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	13433	NEP	i	1
U NPCC		AC	345	345	TBD	07-2012	Kent County S/S	West Farnum S/S	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	13433	NEP	i	1
U NPCC		AC	230	230	496		Granite S/S	Middlesex S/S	16	OH	Pole	TBD	954	ACSR	1	1	1	19899	VELCO	1	1
U NPCC		AC	345	345	TBD	2011-2013		Lake Road S/S	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	4176	CL&P		1
U NPCC		AC	345	345	TBD	2011-2013	Lake Road S/S	CT/RI Border	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	4176	CL&P	I	1
U NPCC		AC	345	345	TBD	2011-2013	Frost Bridge S/S	North Bloomfield S/S	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	4176	CL&P	I	1
U NPCC	New Eng.	AC	345	345	TBD	2011-2013	North Bloomfield S/S	CT/MA Border	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	4176	CL&P	_	1
U NPCC		AC	345	345	TBD		Agawam S/S	CT/MA Border	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	20455	WMECO	1	1
U NPCC	New Eng.	AC	345	345	TBD		Agawam S/S	Ludlow S/S	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	20455	WMECO	_	1
U NPCC	New Eng.	AC	345	345	TBD	TBD	Tewksbury S/S	MA/NH Border	TBD	НО	Pole	TBD	TBD	TBD	2	1	1	13433	NEP		1
U NPCC	New Eng.	AC	345	345	TBD	TBD	Scobie S/S	MA/NH Border	18.1	НО	Pole	TBD	TBD	TBD	TBD	TBD	TBD	4176	CL&P		1
U NPCC	New Eng.	AC	345	345	TBD	TBD	Deerfield S/S	391 Tap	0.1	OH	Pole	TBD	TBD	TBD	TBD	TBD	TBD	15472	PSNH	1	1
11 000																					
U RFC		AC	345	345	809	1-Jun-07	Dequine	Westwood	2.6	OH		Tower	954	ACSR	2	1	2		AEP-DEM		
U RFC		AC	230	230	809 805	1-Jun-07 1-Jan-08	Dequine Cumberland	Westwood Dennis	28.0	ОН		Tower			2	1	2		AE		
U RFC		AC AC	230 345	230 345	805 1302	1-Jan-08 1-Jun-08						Tower	1272	ACSR	2	2	2		AE AEP		
U RFC U RFC		AC AC AC	230 345 765	230 345 765	805	1-Jan-08 1-Jun-08 1-Jun-08	Cumberland Hayden Lawrence County (new)	Dennis Roberts Hanging Rock	28.0 5.6 0.5	OH OH		Jieer Jieer Jieer							AE AEP AEP		
U RFC U RFC U RFC U RFC		AC AC AC	230 345 765 345	230 345 765 345	805 1302	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08	Cumberland Hayden Lawrence County (new) Crawford	Dennis Roberts Hanging Rock West Loop	28.0 5.6 0.5 2.0	OH OH OH UG		Jeer Jeer Jeer Jeer Jeer Jeer Jeer Jeer	1272	ACSR					AE AEP AEP ComEd		100
U RFC U RFC U RFC U RFC U RFC		AC AC AC AC	230 345 765 345 345	230 345 765 345 345	805 1302 1302	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08	Cumberland Hayden Lawrence County (new) Crawford Taylor	Dennis Roberts Hanging Rock West Loop West Loop	28.0 5.6 0.5 2.0 3.0	OH OH OH UG UG		Tower	1272 1272	ACSR ACSR		2 2	2 2		AE AEP AEP ComEd ComEd		100
U RFC U RFC U RFC U RFC U RFC U RFC		AC AC AC AC AC	230 345 765 345 345 230	230 345 765 345 345 230	805 1302 1302 482	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs	Dennis Roberts Hanging Rock West Loop West Loop Monocacy	28.0 5.6 0.5 2.0 3.0 15	OH OH OH UG UG OH		Steel- Pole	1272 1272 1272	ACSR ACSR			2 2		AE AEP AEP ComEd ComEd AP		
U RFC		AC AC AC AC AC AC	230 345 765 345 345 230 345	230 345 765 345 345 230 345	805 1302 1302	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West	28.0 5.6 0.5 2.0 3.0 15 47	OH OH OH UG UG OH		Tower	1272 1272	ACSR ACSR		2 2	2 2		AE AEP ComEd ComEd AP ATC		100 100
U RFC		AC AC AC AC AC AC AC	230 345 765 345 345 230 345 500	230 345 765 345 345 230 345 500	805 1302 1302 482	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction	28.0 5.6 0.5 2.0 3.0 15 47 40	OH OH OH UG UG OH OH OH OH		Steel- Pole	1272 1272 1272	ACSR ACSR		2 2	2 2		AE AEP ComEd ComEd AP ATC AP		100 100
U RFC		AC AC AC AC AC AC	230 345 765 345 345 230 345 500 500	230 345 765 345 345 230 345 500 500	805 1302 1302 482	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werer - West 502 Junction Loudon	28.0 5.6 0.5 2.0 3.0 15 47 40 80	OH OH OH UG UG OH OH OH OH OH		Steel- Pole	1272 1272 1272	ACSR ACSR		2 2	2 2		AE AEP AEP ComEd ComEd AP ATC AP AP AP		100 100 100 20.5
U RFC		AC AC AC AC AC AC AC	230 345 765 345 345 230 345 500 500	230 345 765 345 345 230 345 500 500	805 1302 1302 482	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction 502 Junction	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70	OH OH OH UG UG OH OH OH OH OH		Steel- Pole	1272 1272 1272	ACSR ACSR		2 2	2 2		AEP AEP  AEP  ComEd ComEd AP ATC AP AP AP AP AP		100 100 100 20.5 100
U RFC	VACAD	AC A	230 345 765 345 345 230 345 500 500 500	230 345 765 345 345 230 345 500 500 500 500	805 1302 1302 1302 482 1446	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60	OH OH UG UG OH OH OH OH OH OH OH	ningle vale	Steel- Pole Steel	1272 1272 1272 1272 2156	ACSR ACSR ACSR ACSR	2 2	2 2	2 2	47540	AE AEP AEP ComEd ComEd AP ATC AP AP AP AP AP AP	Fadara (Cinto	100 100 100 20.5 100 100
U RFC		AC	230 345 765 345 345 230 345 500 500 500 230	230 345 765 345 345 230 345 500 500 500 230	805 1302 1302 1302 482 1446	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Hemingway	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43	OH OH UG UG OH	single pole	Steel- Pole Steel Steel	1272 1272 1272 1272 2156	ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 Double	2 2 1	2 2 1	17543	AE AEP AEP ComEd ComEd AP ATC AP ACORION AP AP AP ACORION AP AP ACORION AP AP ACORION ACCORDANCE AC	Federal/State	100 100 100 20.5 100 100
U RFC	Southern	AC A	230 345 765 345 230 345 500 500 500 500 230 230	230 345 765 345 345 230 345 500 500 500 500 230 230	805 1302 1302 1302 482 1446 956 664	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-2007 3-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Hemingway CUMMING	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10	OH OH UG UG OH	H-frame	Steel- Pole Steel Steel	1272 1272 1272 1272 2156	ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 Double Single	2 2 1 1 1 1 1	2 2 1 1 1 1	7140	AE AEP AEP ComEd ComEd AP ATC AP	IOU	100 100 20.5 100 100 100 100
U RFC	Southern Southern	AC A	230 345 765 345 230 345 500 500 500 500 230 230 500	230 345 765 345 345 230 345 500 500 500 500 230 230 230	805 1302 1302 1302 482 1446 956 664 3429	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-2007 3-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm CUMMING MCGRAU FORD	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35	OH OH UG UG OH	H-frame tower	Steel- Pole Steel Steel steel steel steel	1272 1272 1272 1272 2156	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 Single Triple	2 2 1	2 2 1		AE AEP AEP  AEP  ComEd ComEd AP ATC AP Georgia Power Company Georgia Power Company	IOU	100 100 20.5 100 100 100 100 100
U RFC	Southern Southern Entergy	AC A	230 345 765 345 230 345 500 500 500 500 230 230	230 345 765 345 345 230 345 500 500 500 500 230 230	805 1302 1302 1302 482 1446 956 664	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-2007 3-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Hemingway CUMMING	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10	OH OH UG UG OH	H-frame tower tower	Steel- Pole Steel Steel	1272 1272 1272 2156 1272 1622 1113	ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 Double Single	2 2 1 1 1 1	2 2 1 1 1 1	7140	AE AEP AEP ComEd ComEd AP ATC AP	IOU	100 100 20.5 100 100 100 100
U RFC	Southern Southern Entergy VACAR	AC A	230 345 765 345 345 230 345 500 500 500 230 230 230 500 230 230	230 345 765 345 345 230 345 500 500 500 500 230 230 500 230 230	805 1302 1302 1302 482 1446 956 664 3429 2840 600	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-2007 4-2007 5-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Herningway CUMMING MCGRAU FORD Perryville	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35	OH OH UG OH	H-frame tower tower tower	Steel- Pole Steel Steel steel steel steel steel steel	1272 1272 1272 2156 1272 1622 1113 954	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2  1 1 1 Double Single Triple Triple	2 2 1 1 1 1 1	2 2 1 1 1 1 1	7140 7140	AEP AEP ComEd ComEd ComEd AP ATC AP AP AP AP AP AP AP AP AP Carolina Public Service Autt Georgia Power Company Georgia Power Company	IOU IOU	100 100 20.5 100 100 100 100 100 100 100
U RFC U SERC U SERC U SERC U SERC U SERC	Southern Southern Entergy VACAR VACAR	AC A	230 345 765 345 230 345 500 500 500 230 230 230 500 500	230 345 765 345 345 230 345 500 500 500 230 230 230 500 500 500 500	805 1302 1302 1302 482 1446 956 664 3429 2840	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-2007 3-2007 4-2007 5-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Herningway CUMMING MCGRAU FORD Perpyille Craney Island	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35	OH OH UG UG OH	H-frame tower tower tower single pole	Steel- Pole Steel Steel steel steel steel steel steel steel steel sombination	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 Double Single Triple Double Single Single Triple Double Single Single Single	2 2 1 1 1 1 1 1 2	2 2 1 1 1 1 1	7140 7140 19876	AE AEP AEP ComEd ComEd AP ATC AP	IOU IOU IOU	100 100 20.5 100 100 100 100 100 100
U RFC U SERC U SERC U SERC U SERC	Southern Southern Entergy VACAR VACAR VACAR	AC A	230 345 765 345 345 230 345 500 500 500 230 500 500 230 500 230 230 230	230 345 765 345 345 230 345 500 500 500 230 230 500 500 230 230 230 230 230	805 1302 1302 1302 1446 1446 956 664 3429 2840 600 475 475 956	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-17 1-Jun-17 1-Jun-17 1-Zun-07 1-Zun-07 5-2007 5-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgaan Prexy Meadowbrook Mt. Storm Hemingway CUMMING MCGRAU FORD Perryville Craney Island	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35 6 7	OH OH UG OH	H-frame tower tower tower	Steel- Pole Steel Steel steel steel steel steel steel ombinatior steel	1272 1272 1272 1272 2156 1272 1622 1113 954 636 636 1272	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 2 2 1	2 2 1 1 1 1 1 1 1 2 1 1	7140 7140 19876 17539	AE AEP AEP AEP AEP ACOMEd ComEd AP ATC AP	IOU IOU IOU IOU	100 100 20.5 100 100 100 100 100 100 100 100
U RFC U SERC U SERC U SERC U SERC U SERC	Southern Southern Entergy VACAR VACAR VACAR VACAR VACAR VACAR	AC A	230 345 765 345 345 230 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 345 230 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1482 1446 956 664 3429 2840 600 475	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Z007 3-2007 5-2007 5-2007 5-2007 5-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Herningway CUMMING MCGRAU FORD Perryville Craney Island Hopkins	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35 6 7 1	OH OH UG UG OH OOH OOH	H-frame tower tower tower single pole single pole	Steel- Pole Steel	1272 1272 1272 2156 1272 1622 1113 954 636 1272 1272	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 1 1 1 1	2 2 1 1 1 1 1 2 1	7140 7140 19876 17539 17539	AE AEP AEP AEP AEP ComEd ComEd AP ATC AP	IOU IOU IOU IOU	100 100 20.5 100 100 100 100 100 100 100 100 100 10
U RFC U SERC	Southern Southern Entergy VACAR VACAR VACAR VACAR VACAR VACAR VACAR VACAR VACAR Southern	AC A	230 345 765 345 345 345 230 345 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 345 230 345 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 482 1446 956 664 3429 2840 600 475 956 956 602	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Z007 5-2007 5-2007 5-2007 5-2007 5-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Mt. Storm CUMMING MCGRAU FORD Perryville Craney Island Hopkins Hopkins Marion	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC)	28.0 5.6 0.5 2.0 3.0 15 47 40 80 60 43 10 35 6 7 1 1 2 2 19	OH OH UG UG OH OOH OOH	H-frame tower tower tower single pole single pole Unknown	Steel- Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 Single Triple Triple Double Single Single Single Double Single Double	2 2 1 1 1 1 1 1 2 1 1 2 1	2 2 1 1 1 1 1 1 2 1 1 1 2 2 2 1 1	7140 7140 19876 17539 17539 17543	AE AEP AEP AEP AEP AEP ComEd ComEd AP ATC AP	IOU IOU IOU IOU IOU IOU Federal/State	100 100 20.5 100 100 100 100 100 100 100 100 100 10
U RFC U SERC	Southern Southern Entergy VACAR	AC A	230 345 765 345 345 345 345 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 346 345 230 345 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 482 1446 956 664 3429 2840 475 475 956 602 1947	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-2007 3-2007 4-2007 5-2007 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007	Cumberland Hayden Lawrence County (new). Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Herningway CUMMING MCGRAU FORD Perpyille Craney Island Hopkins Marion Marion Marion McGrau Ford McGrau Ford Marion	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) Cumming Marion (PEC) Cumming North Clark	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35 6 7 1 1 2 2 19 18	OH OH OH UG UG OH OH OH OH OH OH OH OH OOH OH OOH OOH	H-frame tower tower single pole single pole Unknown Unknown tower H-frame	Steel- Pole Steel Steel steel steel steel steel ombinatior steel Unknown Unknown steel steel	1272 1272 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1351	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 2 1 2 1 2 2	2 2 1 1 1 1 1 2 1 1 2	7140 7140 7140 19876 17539 17539 17543 17543 7197 5580	AE AEP AEP AEP AEP ComEd ComEd ComEd AP ATC AP AP AP AP AP AP AP AP Carolina Public Service Auth Georgia Power Company Entergy Dominion Virginia Power 1 Carolina Electric & Gas Com 1 Carolina Electric & Gas Com 1 Carolina Electric & Gas Com 1 Carolina Tublic Service Auth orgia Transmission Corporati St Kentucky Power Cooperati	IOU IOU IOU IOU IOU IOU IOU Federal/State Cooperative Cooperative	100 100 20.5 100 100 100 100 100 100 100 100 100 10
U RFC U SERC	Southern Southern Entergy VACAR	AC A	230 345 765 345 345 345 230 345 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 345 345 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 482 1446 956 664 3429 2840 600 475 956 602 1947 1195	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Den-09 1-Den-09 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-17 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Mt. Storm CUMMING MCGRAU FORD Perryville Craney Island Hopkins Marion Marion Marion Marion Marion Marion MscGrau Ford J.K. Smith Richmond	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hapion (PEC) Marion (PEC) Cumming North Clark Rockingham	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35 6 7 1 1 2 2 19 18 8	OH OH OH UG UG OH OH OH OH OH OH OH OH OH OVerhel	H-frame tower tower single pole single pole Unknown Unknown tower H-frame H-frame	Steel-Pole Steel Steel steel steel steel steel steel steel unknown Unknown steel steel steel steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 Double Single Triple Triple Double Single Single Single Double Double Double Double Double Double Double	2 2 1 1 1 1 1 1 2 1 1 2 1	2 2 1 1 1 1 1 1 2 1 1 1 2 2 2 1 1	7140 7140 19876 17539 17539 17543 17543 7197 5580 3046	AE AEP AEP AEP AEP AEP  ACOMEd ComEd AP ATC AP	IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Cooperative Cooperative	100 100 100 20.5 100 100 100 100 100 100 100 100 100 10
U RFC U SERC	Southern Southern Entergy VACAR	AC A	230 345 765 345 345 345 345 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 345 230 345 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 482 1446 956 664 3429 2840 600 475 956 602 1947 1195 688	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-2007 5-2007 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007 6-2007	Cumberland Hayden Lawrence County (new). Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Herningway CUMMING MCGRAU FORD Pernyille Craney Island Hopkins Hapkins Marion McGrau Ford Jk. Smith Rainon McGrau Ford McGrau Ford Marion McGrau Ford McGrau Ford Marion Marion Marion	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) Cumming Marion (PEC) Cumming North Clark Rockingham Whiteville	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35 6 7 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	OH OH OH UG UG OH	H-frame tower tower single pole single pole Unknown Unknown tower H-frame H-frame H-frame	Steel-Pole Steel	1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1351 954 1590	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 2 1 2 1 2 2	2 2 1 1 1 1 1 1 2 1 1 1 2 2 2 1 1	7140 7140 7140 19876 17539 17539 17543 17543 7197 5580	AEP AEP AEP AEP AEP ComEd ComEd ComEd AP ATC AP Company Georgia Power Company Georgia Power Company Georgia Fower Company Carolina Electric & Gas Com Carolina Electric & Gas Com Carolina Electric & Gas Com Carolina Electric Auth Carolina Florer Auth Carolina Flore	IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Cooperative Cooperative IOU IOU	100 100 100 20.5 100 100 100 100 100 100 100 100 100 10
U RFC U SERC	Southern Southern Entergy Lentergy VACAR LOW VACAR VACAR VACAR LOW VACAR	AC A	230 345 765 346 230 345 230 345 500 500 500 230 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 345 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 482 1446 956 664 3429 2840 600 475 956 602 1947 1195 688 570	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-2007 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007 6-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Mt. Storm Mt. Storm Mt. Storm Mt. Grand McGRAU FORD Perryville Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond Marion	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Readowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Harjon (PEC) Curming North Clark Rockingham Whiteville Amite	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35 6 7 1 1 2 2 19 18 18 18 18 18 18 18 18 18 18	OH OH OH UG UG OH	H-frame tower tower single pole single pole Unknown Unknown tower H-frame H-frame H-frame H-frame	steel word unknown steel steel wood steel steel wood steel steel wood steel steel steel steel steel	1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 1351 954 1590 1590	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 Triple Triple Single Single Single Double Double Double Double Single	2 2 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 1 1 2 2 1	7140 7140 7140 19876 17539 17539 17543 17543 7197 5580 3046 3046	AE AEP AEP AEP AEP AEP AEP ACOMEd ComEd AP ATC AP Carolina Public Service Autl Georgia Power Company Entergy Dominion Virginia Power Carolina Electric & Gas Com Carolina Fleetric & Gas Com Carolina Public Service Autl orgia Transmission Corporati sit Kentucky Power Cooperati sit Kentucky Power Cooperati progress Energy Carolinas Progress Energy Carolinas Progress Energy Carolinas Progress Energy Carolinas	IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Cooperative Cooperative IOU IOU	100 100 100 20.5 100 100 100 100 100 100 100 100 100 10
U RFC U SERC	Southern Southern Southern VACAR	AC A	230 345 765 345 345 345 345 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 345 345 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 482 1446 956 664 3429 2840 600 475 475 956 602 1947 1195 688 570	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-01 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-12 1-2007 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007 6-2007 12-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgaan Prexy Meadowbrook Mt. Storm Mt. Storm Mt. Storm GUMINING MCGRAU FORD Perryville Craney Island Hopkins Hopkins Marion CoNVERSIONS: Hamn Landstown	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Hopkins Tap Cumming North Clark Rockingham Whiteville Amite West Landing	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 13 15 6 7 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	OH OH OH UG UG OH	H-frame tower Unknown Unknown tower H-frame H-frame H-frame H-frame H-frame	Steel-Pole Steel Steel Steel steel steel steel ombinatior steel Unknown Unknown steel	1272 1272 2156 1272 2156 1272 1622 1113 954 636 636 1272 1272 1272 1272 1272 1272 1273 1351 1590 1590 1468 477	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 Double Single Triple Triple Single Single Double Single Double Single Double Single Single Double Single Double	2 1 1 1 1 1 1 2 2 1 2 2 1 1 1 1 1	2 1 1 1 1 1 1 2 2 1 2 2 1 1	7140 7140 7140 19876 17539 17539 17543 17543 7197 5580 3046 3046	AEP AEP AEP AEP AEP AEP ComEd ComEd AP ATC AP	IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Cooperative IOU IOU IOU IOU IOU IOU IOU IOU	100 100 100 100 100 20.5 100 100 100 100 100 100 100 100 100 10
U RFC   U RF	Southern Southern Southern Southern Lentergy VACAR VACAR VACAR VACAR VACAR VACAR VACAR Southern TVA LACAR VACAR	AC A	230 345 765 345 230 345 230 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 345 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 482 1446 1446 956 664 3429 2840 600 475 956 602 1195 688 688 797	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Dec-09 1-Dec-09 1-Dec-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Z007 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007 6-2007 12-2007 12-2007	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Herningway CUMMING MCGRAU FORD Perryville Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond Marion McGrau Ford CONVERSIONS: Hamn Landstown	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction 502 Junction 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Harpin (PEC) Cumming North Clark Rockingham Whiteville Arnite West Landing Greenway	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 6 6 7 1 1 2 2 19 18 8 8 11 18	OH OH OH UG UG OH	H-frame tower tower single pole single pole Unknown Unknown H-frame H-frame H-frame single pole	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1351 954 1590 1590 1468 477 636	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 Triple Triple Triple Single Single Single Single Double Double Double Single Single Single Single Single Double	2 2 1 1 1 1 1 2 2 1 2 1 2 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 2 1 2 2 1 1 1 1 2 2 1	7140 7140 7140 19876 17539 17543 17543 17543 7197 5580 3046 3046	AE AEP AEP AEP AEP AEP ACOMEd ComEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100
U RFC U SERC	Southern Southern Southern Southern VACAR	AC A	230 345 765 345 345 230 345 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 345 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 482 1446 956 664 3429 2840 600 475 475 956 602 1947 1195 688 570 797 796 600	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-10 1-Jun-11 1-J	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgaan Prexy Meadowbrook Mt. Storm McGRAU FORD Perryville Craney Island Hopkins Hopkins Marion Marion GONVERSIONS: Hamn Landstown Brambleton Clarendon	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction So2 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) M	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 13 15 6 7 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	OH OH OH UG UG OH	H-frame tower tower tower tower single pole single pole Unknown Unknown tower H-frame H-frame H-frame single pole other	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1351 954 1590 1468 477 636	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 Double Single Triple Triple Double Single Double Single Double Single Double Single Double Single	2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 1 1 2 2 1 1 1 1 2 1	7140 7140 7140 19876 17539 17539 17543 17543 7197 5580 3046 3046 19876 19876	AE AEP AEP AEP AEP AEP AEP ComEd ComEd AP ATC AP	IOU IOU IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Cooperative Cooperative IOU IOU IOU IOU IOU IOU IOU IOU IOU	100 100 100 100 100 100 100 100 100 100
U   RFC   RFC   U   U   RFC   U   RFC   U   RFC   U   RFC   U   RFC   U   RFC   U	Southern Southern Southern Southern Lentergy VACAR	AC A	230 345 765 345 345 345 345 350 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 482 1446 1446 956 664 3429 2840 600 475 956 602 1947 1195 688 570 797 796 600	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-10 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007 6-2007 6-2007 6-2007 6-2007 6-2007 6-2007 5-2008	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Herningway CUMMING MCGRAU FORD Perryville Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond McGrau Ford J.K. Smith Richmond Marion CONVERSIONS: Hamn Landstown Earambleton Clarendon Peppephilli	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterington Tanners Point Hopkins Tap Hardin (PEC) Cumming North Clark Rockingham Whiteville Arnite West Landing Greenway Rosslyn	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 6 6 7 1 1 2 2 19 18 8 8 11 18	OH OH OH UG UG OH	H-frame tower tower tower single pole single pole Unknown tower H-frame H-frame H-frame H-frame single pole single pole other	Steel-Pole Steel	1272 1272 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 1351 1590 1468 477 636 2500 1272	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 Double Single Triple Triple Single Single Single Double Double Single Single Single Double Double Single Double Single Double Single	2 2 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 2 1 2 2 1 1 1 1 2 2 1	7140 7140 7140 19876 17539 17539 17543 7197 5580 3046 3046 3046 19876 19876 19876	AE AEP AEP AEP AEP AEP AEP ACOMEd COMEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100
U   RFC   RFC   U   RFC   RFC	Southern Southern Entergy VACAR	AC A	230 345 765 345 230 345 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 345 500 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 1446 1446 956 664 3429 2840 600 475 956 602 1947 1195 688 570 796 600 475	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-10 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007 6-2007 6-2007 6-2007 12-2007 12-2007 5-2008 5-2008	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm McGRAU FORD Perpyille Craney Island Hopkins Hopkins Marion Marion Marion Marion Marion Marion CONVERSIONS: Hamn Landstown Parambleton Clarendon Pepperhill	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) Marion (PEC) Marion (PEC) Cumming North Clark Rockingham Whiteville Amite West Landing Greenway Rosslyn Pepperhill Tap	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 11 2 19 19 18 8 43 18 8 11 1 1	OH OH OH UG UG OH	H-frame tower tower tower tower tower tower single pole single pole Unknown tower H-frame H-frame H-frame tower to	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 1 Double Single	2 2 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1	7140 7140 7140 19876 17539 17539 17543 17543 7197 5580 3046 3046 19876 19876 19876 19876 19876	AE AEP AEP AEP AEP AEP AEP  AEP  ACOMEd ComEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100
U   RFC   RFC   U   RFC   RFC   U	Southern Southern Southern Southern Control of the	AC A	230 345 768 345 345 345 230 345 500 500 500 230 230 230 230 230 230 230 2	230 345 765 345 230 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1482 1446 1446 956 664 3429 2840 600 475 956 602 1947 1195 688 570 797 796 600 475 475	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-10 5-2007 5-2008 5-2008 5-2008 5-2008 5-2008	Cumberland Hayden Lawrence County (new). Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Herningway CUMMING MCGRAU FORD Perryville Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond McGrau Ford J.K. Smith Richmond Marion McGrau Ford J.K. Smith Richmond Marion Marion McGrau Ford J.K. Smith Richmond Marion Marion Marion Marion McGrau Ford J.K. Smith Richmond Marion Marion Marion Marion McGrau Ford J.K. Smith Richmond Marion McGrau Ford J.K. Smith Richmond Marion Marion Depoperhill Pepperhill Pepperhill	Dennis Roberts Hanging Rock West Loop West Loop Monoacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) Cumming North Clark Rockingham Whiteville Amite West Landing Greenway Rosslyn Pepperhill Tap Pepperhill Tap Bennettsville (PEC)	28.0 0.5 2.0 3.0 15 47 40 80 70 60 43 10 35 6 7 1 1 2 2 19 18 8 8 11 1 1 1 1 1 1 1 1 1 1 1 1	OH OH OH UG OH	H-frame tower tower tower tower tower single pole single pole Unknown Unknown tower H-frame H-frame H-frame single pole other single pole unknown tower Unknown tower Unknown tower Unknown tower Unknown tower Unknown Unknown	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1351 954 1590 1468 477 636 2500 1468 477 636 2500 1272 1272 1272 1272 1272 1272 1272 12	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 Double Single Triple Triple Double Single Single Single Single Single Double Single Double Double Single Double Single Double Single Single Single Single Double Single Single Double Single Single Double Single	2 2 1 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1	2 2 1 1 1 1 2 2 1 1 1 1 1 2 1 1 1 1 1 1	7140 7140 7140 19876 17539 17539 17543 7197 5580 3046 3046 19876 19876 19876 17539 17543	AE AEP AEP AEP AEP AEP AEP AEP ACOMEd COMEd AP ATC AP	IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Cooperative IOU IOU IOU IOU IOU FOU IOU IOU FOU IOU IOU IOU FOU FOU FEDERALS FEDER	100 100 100 100 100 100 100 100 100 100
U RFC U SERC	Southern Entergy VACAR	AC A	230 345 765 345 230 345 230 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 345 500 500 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 482 1446 956 664 3429 2840 600 475 956 602 1947 1195 688 570 797 797 796 600 475 475 1195	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-10 1-J	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Mt. Storm CUMMING MCGRAU FORD Perryville Craney Island Hopkins Hopkins Marion	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) Marion (PEC) Cumming North Clark Rockingham Whiteville Amite West Landing Greenway Rosslyn Pepperhill Tap Pepperhill Tap Pepperhill Tap Bennettsvillie (PEC) Statlings Westation	28.0 5.6 0.5 2.0 3.0 15 47 40 80 70 60 43 10 2 2 19 18 8 8 11 1 1 2 8	OH OH OH OH OH UG UG OH	H-frame tower tower tower tower tower tower tower single pole single pole Unknown Unknown tower H-frame H-frame H-frame single pole other single pole single pole unknown single pole unknown single pole single pole single pole unknown single pole	Steel- Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 Triple Triple Single Single Single Single Single Single Double Double Double Single Double Double Double Double Double Double Double Double Double	2 2 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 19876 17539 17543 17543 17543 7197 5580 3046 3046 19876 19876 17539 17539 17539 17539	AE AEP AEP AEP AEP AEP AEP AEP ACOMEd ComEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100
U   RFC   U	Southern Entergy VACAR	AC A	230 345 766 345 345 230 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 345 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1482 1446 956 664 3429 2240 600 475 956 602 1947 1195 688 570 797 796 600 475 475 475 475	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-15 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2008 5-2008 5-2008 5-2008 5-2008 5-2008 5-2008 5-2008 5-2008 5-2008 5-2008 5-2008	Cumberland Hayden Lawrence County (new). Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Herningway CUMMING NCGRAU FORD Perryville Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond McGrau Ford J.K. Smith Richmond McGrau Ford J.K. Smith Richmond Marion Garendon Brambleton Clarendon Brambleton Clarendon Brambleton Clarendon Brambleton Brambleton Clarendon Brambleton Brambleto	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) Cumming North Clark Rockingham Whiteville Amite West Landing Greenway Rosslyn Rosslyn Pepperhill Tap Pepperhill Tap Bennettsville (PEC) Stallings Substation	28.0 5.6 0.5 2.0 0.5 2.0 3.0 15 47 40 80 77 60 60 7 11 1 2 2 2 18 8 43 18 8 11 1 1 1 2 8 8	OH OH OH OH UG OH	H-frame tower tower tower tower tower tower tower single pole Unknown Unknown tower H-frame H-frame single pole other single pole	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 11113 954 1272 1272 1272 1272 1272 1272 1351 954 1590 1468 477 636 2500 1272 1272 1272 1272 1272 1272 1272 12	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 Double Single Triple Triple Single Single Single Double Single Double Single Double Single Double Single Single Single Single Single Single Double Single Double Single Double Single Double	2 2 1 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1	2 2 1 1 1 1 2 2 1 1 1 1 1 2 1 1 1 1 1 1	7140 7140 7140 7140 19876 17539 17543 17543 7197 5580 3046 3046 19876 19876 17539 17539 17543 9208	AE AEP AEP AEP ComEd ComEd ComEd AP ATC AP	IOU IOU IOU IOU IOU IOU Federal/State Federal/State Federal/State Foundative Cooperative IOU	100 100 100 100 100 100 100 100 100 100
U   RFC   U	Southern Entergy VACAR V	AC A	230 345 765 345 230 345 500 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 345 500 500 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 482 1446 956 664 3429 2840 600 475 956 956 602 1947 797 796 600 475 475 475 475 475 475 475 475 475 475	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-10 1-J	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm McGRAU FORD Perryville Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond Marion McGrau Ford J.K. Smith Richmond Marion Clarendon Pepperhill Pepperhill Pepperhill Pepperhill Pepperhill Bennettsville Prairie State Power Plant Baldwin Power Plant Su Baldwin Power Plant Su Baldwin Power Plant Su	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Headowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Harjon (PEC) Curming North Clark Rockingham Whiteville Amite West Landing Greenway Rossyln Pepperhill Tap Bennettsville (PEC) Stallings Substation Prairie State Power Plant Rush Islanding Plant Sub	28.0 5.6 0.5 6.0 0.5 2.0 2.0 15 47 40 60 60 77 1 1 1 2 2 19 18 8 8 11 1 1 1 1 2 8 8 8 26	OH OH OH OH UG OH OH UG OH	H-frame tower tower tower tower tower tower single pole single pole tower H-frame H-frame H-frame H-frame Unknown tower	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 1 Double Single Triple Triple Single Single Single Double Double Double Double Single Double	2 2 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1 1	2 2 1 1 1 1 2 2 1 1 2 2 1 1 1 1 2 2 1	7140 7140 7140 7140 19876 17539 17543 17543 7197 5580 3046 3046 3046 19876 19876 19876 17539 17539 17543 9208	AE AEP AEP AEP AEP AEP AEP AEP ACOMEd ComEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100
U   RFC   U	Southern Entergy VACAR	AC A	230 345 765 345 345 345 345 340 500 500 500 500 500 230 230 230 230 230 230 230 2	230 345 765 345 230 345 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 1482 1446 956 664 3429 2840 600 475 956 602 1947 1195 688 570 797 796 600 475 475 956 61195 956 61195	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-12 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007 6-2008 6-2008 6-2008 6-2008 6-2008 6-2008 6-2008 6-2008	Cumberland Hayden Lawrence County (new). Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Mt. Storm Herningway CUMMING NCGRAU FORD Perryville Craney Island Hopkins Hopkins Hopkins Hopkins Marion McGrau Ford J.K. Smith Richmond Marion McGrau Ford J.K. Smith Richmond Prepperhill Bernettsville Brandstown Brambleton Clarendon Pepperhill Pepperhill Pepperhill Bennettsville Baldwin Power Plant Su Baldwin Power Plant Plant Su Baldwin Power Plant Su	Dennis Roberts Hanging Rock West Loop West Loop Monocacy West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Hopkins Tap Marion (PEC) Cumming Marion (PEC) Cumming North Clark Rockingham Whiteville Amite West Landing Greenway Rossbyn Pepperhill Tap Pepperhill Tap Bennettsville (PEC) Stallings Substation Prairie State Power Plant Rush Island Plant Sub Prairie State Power Plant Rush Island Plant Sub Prairie State Power Plant Rush Island Plant Sub	28.0 5.6 0.5 2.0 0.5 2.0 3.0 15 47 40 80 77 60 60 7 11 1 2 2 2 18 8 43 18 8 11 1 1 1 2 8 8	OH OH OH UG UG OH	H-frame tower tower tower tower tower tower single pole single pole Unknown Unknown tower H-frame H-frame H-frame god to the single pole	steel Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 1 Double Single Triple Triple Single Single Double Single Double Single Single Single Double Single Double	2 2 1 1 1 1 1 1 2 1 1 2 2 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 2 2 1 1 2 2 1 1 1 2 2 1	7140 7140 7140 7140 19876 17539 17543 17543 17543 3046 3046 19876 19876 19876 19876 19876 19539 17539 17543 9208 9208	AEP AEP AEP AEP AEP AEP AEP AEP ComEd ComEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100
U   RFC	Southern Southern Entergy VACAR VACA	AC A	230 345 765 345 230 345 345 230 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 500 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 482 1446 1446 1446 956 664 3429 2840 600 475 956 602 1947 1947 796 600 475 475 1947 1947 195 475 475 475 475 475 475 475 475 475 47	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-J	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Herningway CUMMING MCGRAU FORD Perpyille Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond Marion McGrau Ford J.K. Smith Power Plant Su Bandwin Power Plant Su Baldwin Power Plant Fower Plant Su Baldwin Power Plant Su	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Harbor (PEC) Lounding Marion (PEC) Lounding Marion (PEC) Lounding Marion (PEC) Lounding Whiteville Arnite West Landing Greenway Rosslyn Pepperhill Tap Bennettsville (PEC) Stallings Substation Prairie State Power Plant Rush Island Plant Sub Prairie State Power Plant Rush Mount Verono Substate M. M	28.0 5.6 0.5 6.0 0.5 2.0 2.0 15 47 40 60 60 61 61 67 7 1 1 1 2 2 19 18 8 8 11 1 1 1 1 1 2 8 8 8 8 2 2	OH OH UG OH UG OH UG OH	H-frame tower tower tower tower tower tower single pole single pole tower H-frame H-frame H-frame tower towe	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1272 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 1 1 Double Single Triple Triple Single Single Single Single Single Single Single Double Double Double Double Single Single Single Single Single Single Single Double	2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 2 2 1 1 2 2 1 1 1 1 2 2 1	7140 7140 7140 19876 17539 17539 17543 7197 5580 3046 3046 19876 19876 19876 17539 17543 9208 9208 9208	AE AEP AEP AEP AEP AEP AEP AEP ACOMEd ComEd ComEd AP ATC AP	IOU IOU IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Cooperative IOU	100 100 100 100 100 100 100 100 100 100
U   RFC   U	Southern  Entergy VACAR	AC A	230 345 765 345 345 345 345 340 500 500 500 500 500 230 230 230 230 230 230 230 2	230 345 765 345 230 345 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 1482 1446 956 664 3429 2840 600 475 956 602 1947 1195 688 570 797 796 600 475 475 956 61195 956 61195	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-09 1-Jun-10 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-12 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 5-2007 6-2007 6-2007 6-2007 6-2007 6-2008 6-2008 6-2008 6-2008 6-2008 6-2008 6-2008 6-2008	Cumberland Hayden Lawrence County (new). Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Mt. Storm Herningway CUMMING NCGRAU FORD Perryville Craney Island Hopkins Hopkins Hopkins Hopkins Marion McGrau Ford J.K. Smith Richmond Marion McGrau Ford J.K. Smith Richmond Prepperhill Bernettsville Brandstown Brambleton Clarendon Pepperhill Pepperhill Pepperhill Bennettsville Baldwin Power Plant Su Baldwin Power Plant Plant Su Baldwin Power Plant Su	Dennis Roberts Hanging Rock West Loop West Loop Monocacy West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Hopkins Tap Marion (PEC) Cumming Marion (PEC) Cumming North Clark Rockingham Whiteville Amite West Landing Greenway Rossbyn Pepperhill Tap Pepperhill Tap Bennettsville (PEC) Stallings Substation Prairie State Power Plant Rush Island Plant Sub Prairie State Power Plant Rush Island Plant Sub Prairie State Power Plant Rush Island Plant Sub	28.0 5.6 0.5 2.0 0.5 2.0 3.0 15 47 40 80 77 60 60 7 11 1 2 2 2 18 8 43 18 8 11 1 1 1 2 8 8 8 26	OH OH OH UG UG OH	H-frame tower tower tower tower tower tower single pole single pole Unknown tower H-frame H-frame H-frame single pole H-frame	steel Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 1 Double Single Triple Triple Single Single Double Single Double Single Single Single Double Single Double	2 2 1 1 1 1 1 1 2 1 1 2 2 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 2 2 1 1 2 2 1 1 1 2 2 1	7140 7140 7140 7140 19876 17539 17543 17543 17543 3046 3046 19876 19876 19876 19876 19876 19539 17539 17543 9208 9208	AEP AEP AEP AEP AEP AEP AEP AEP ComEd ComEd AP ATC AP	IOU IOU IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Federal/State IOU	100 100 100 100 100 100 100 100 100 100
U   RFC	Southern Entergy VACAR Gateway	AC A	230 345 765 345 230 345 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 500 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 482 1446 1446 956 664 3429 2840 600 475 956 602 1947 796 600 475 475 956 600 1195 475 475 1195 1297 1195 1297 1297 1297 1297 1297	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-10 1-Jun-10 1-Jun-10 1-Jun-10 1-Jun-10 1-Jun-10 1-Jun-11 1-Jun-10 1-J	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Herningway CUMMING MCGRAU FORD Perryville Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond McGrau Ford J.K. Smith Richmond Marion McGrau Ford Day Store Marion Marion McGrau Ford Day Store Marion McGrau Ford Day Store Marion McGrau Ford Day Store Marion McGrau Ford Day Store Marion Marion McGrau Ford Marion	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Harpington Marion (PEC) Cumming North Clark Rockingham Whiteville Arnite West Landing Greenway Rosslyn Pepperhill Tap Pepperhil	28.0 5.6 0.5 6.0 0.5 2.0 2.0 3.0 15 47 40 60 43 10 70 60 43 11 1 2 2 19 18 8 8 11 1 1 1 1 2 8 8 8 26 2 11 1 0	OH OH UG OH UG UG UG OH	H-frame tower tower tower tower tower single pole single pole Unknown tower H-frame H-frame H-frame General	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 2 1 1 1 1 1 1 1 Double Single Triple Triple Single Single Single Double Double Double Single Single Single Single Single Double Single Double Single Double	2 2 1 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1	2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 19876 17539 17543 17543 7197 5580 3046 3046 19876 19876 17539 17543 9208 9208 9208 9208 9208	AE AEP AEP AEP AEP AEP AEP AEP ACOMEd COMEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100
U   RFC	Southern Control of the control of t	AC A	230 345 765 345 230 345 230 345 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 500 500 500 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 1446 1446 956 664 3429 2840 600 475 475 956 602 1947 1947 1947 1956 600 475 1977 796 600 475 1957 1958	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-J	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm McGRAU FORD Perpytille Coraney Island Hopkins Hopkins Marion Marion Marion CONVERSIONS: Hamn Landstown Brambleton Clarendon Pepperhill Bennettsville Prapies State Power Plant Baldwin Power Plant Stu Baldwin Fower Plant Stu	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) Marion (PEC) Marion (PEC) Cumming North Clark Rockingham Whiteville Amite West Landing Greenway Rosslyn Stellings Substation Pepperhill Tap Bennettsville (PEC) Stallings Substation Prairie State Power Plant Rush Island Plant Sub Prairie State Power Plant W. Mount Vernon Substa	28.0 5.6 0.5 2.0 0.5 2.0 3.0 15 47 40 80 77 60 60 11 1 2 2 2 11 1 1 1 2 8 8 8 2 2 2 11	OH OH UG UG OH	H-frame tower t-frame H-frame t-frame t-fr	steel Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1	2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 19876 17539 17539 17543 7197 5580 3046 3046 19876 19876 19876 17539 17539 17543 9208 9208 9208 9208	AE AEP AEP AEP AEP AEP AEP AEP  AEP  ACOMEd COMEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100
U   RFC   U	Southern Entergy VACAR Gateway	AC A	230 345 766 345 230 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1482 1446 1446 956 664 3429 2840 600 475 956 602 1947 1195 600 475 956 600 475 1195 1297 1793 1297 1793 1297 1195 1793 1297 1195 1793 1290 1195	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-11 1-Jun-10 1-J	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm Mt. Storm Herningway CUMMING MCGRAI FORD Perryville Craney Island Hopkins Marion McGrau Ford J.K. Smith Richmond Marion CONVERSIONS: Hamn Landstown Barambleton Clarendon Pepperhill Pepperhill Bennettsville Prairie State Power Plant Su Baldwin Po	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Hopkins Tap Marion (PEC) Marion (PEC) Cumming North Clark Rockingham Whiteville Amile West Landing Greenway Rosslyn Pepperhill Tap Bennettsville (PEC) Stallings Substation Prairie State Power Plant Rush Island Plant Sub Prairie State Power Plant Rush Island Rush Substation Tyson Substation	28.0 5.6 0.5 2.0 0.5 2.0 3.0 15 47 40 60 60 7 11 1 2 2 2 11 1 1 1 1 2 8 8 8 11 1 1 1	OH OH UG OH UG UG UG OH	H-frame tower tower tower tower tower single pole single pole Unknown tower H-frame H-frame H-frame Gother H-frame Single pole H-frame	Steel-Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1272 1272 127	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 19876 17539 17539 17543 7197 5580 3046 3046 19876 19876 19876 17539 17539 17539 17539 208 9208 9208 9208 9208 19436 19436	AE AEP AEP AEP AEP AEP AEP ComEd ComEd AP ATC AP	IOU IOU IOU IOU IOU IOU IOU IOU IOU Federal/State Federal/State Federal/State IOU	100 100 100 20.5 100 100 100 100 100 100 100 100 100 10
U   RFC   U	Southern  Southern  Entergy VACAR VA	AC A	230 345 765 345 230 345 230 345 500 500 500 500 230 230 230 230 230 230 230 230 230 2	230 345 765 345 230 500 500 500 500 500 500 500 500 230 230 230 230 230 230 230 230 230 2	805 1302 1302 1302 1446 1446 956 664 3429 2840 600 475 475 956 602 1947 1195 688 570 797 796 600 475 1195 1297 1297 1195	1-Jan-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-08 1-Jun-09 1-Jun-10 1-Jun-11 1-J	Cumberland Hayden Lawrence County (new) Crawford Taylor Doubs Morgan Prexy Meadowbrook Mt. Storm McGRAU FORD Perpyille Craney Island Hopkins Hopkins Marion Marion Marion Marion Marion Marion CONVERSIONS: Hamn Landstown Pepperhill Penperhill Bennettsville Prarier State Power Plant Su Baldwin Power Plant Su Rush Island Plant Su Rush Island Plant Su Rush Island Plant Joachim Substation	Dennis Roberts Hanging Rock West Loop West Loop Monocacy Werner - West 502 Junction Loudon 502 Junction Meadowbrook Red Bluff SHOAL CREEK MOSTELLAR SPRINGS Sterlington Tanners Point Hopkins Tap Harbor (PEC) Cumming North Clark Rockingham Whiteville Arnite West Landing Greenway Rosslyn Pepperhill Tap Peppe	28.0 5.6 0.5 6.0 0.5 2.0 2.0 3.0 15 47 40 0.5 80 60 43 10 11 2 2 19 19 18 8 8 11 1 1 1 1 2 8 8 8 11 1 1 1 2 8 8 8 11 1 1 1	OH OH OH UG UG OH	H-frame tower t-frame H-frame t-frame t-fr	steel Pole Steel	1272 1272 1272 2156 1272 2156 1272 1622 1113 954 636 1272 1272 1272 1272 1272 1351 954 1590 1590 1590 1468 477 636 2500 1272 1272 1272 1272 1272 1272 1272 12	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 71876 17539 17539 17543 17543 7197 5580 3046 3046 19876 19876 19876 19876 19876 1989 17539 17539 17539 17543 9208 9208 9208 9208 19436 19436 19436 19436	AE AEP AEP AEP AEP AEP AEP AEP AEP ACOMEd ComEd AP ATC AP	IOU	100 100 100 100 100 100 100 100 100 100

U																						
	SERC	Southern	AC	230	230	866		McConnell Road	Woodlore	3	I - Overhe	single pole	steel	795	ACSR	Double	1	1			Cooperative	100
	SERC	Southern	AC	230	230	602		Klondike	Jackson Creek	4		single pole		1351	ACSR	Single	1	1			Cooperative	100
U	SERC	TVA	AC	500	500	2598	6-2008	Cumberland	Montgomery	40	I - Overhe	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority	Federal/State	100
U	SERC	VACAR	AC	230	230	800	6-2008	Pleasant View	Hamilton	12	I - Overhe	single pole	steel	636	ACSR	Double	1	1	19876	Dominion Virginia Power	IOU	100
U	SERC	VACAR	AC	230	230	1256	6-2008	Durham	Falls	8	I - Overhe	H-frame	steel	1590	ACSR	Double	0	1	3046	Progress Energy Carolinas	IOU	100
Ú	SERC	Entergy	AC	230	230	521	8-2008	Yandell Road	Bozeman	4	I - Overhe	single pole	steel	1272	ACSR	Single	1	1		Entergy	IOU	100
Ü	SERC	Southern	AC	230	230	602	12-2008	Homeland	Kettle Creek	36		single pole	steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	IOU	100
Ü	SERC					475			Pineland				steel		ACSR		- ;	1	17539		IOU	100
,		VACAR	AC	230	230		12-2008	Denny Terrace		8		single pole	0.00	1272		Single	1			Carolina Electric & Gas Com		
U	SERC	Southern	AC	230	230	502	1-2009	Farley-Scholz line	Cottonwood TS	1		Unknown	Unknown	1033	ACSR	Single	1	1	195	Alabama Power Company	IOU	100
U	SERC	VACAR	AC	230	230	956	1-2009	Kingstree	Lake City	13	I - Overhe	single pole	steel	1272	ACSR	Double	1	1	17543	h Carolina Public Service Auth	Federal/State	100
U	SERC	VACAR	AC	230	230	956	1-2009	Cross	Aiken	88	I - Overhe	single pole	steel	1272	ACSR	Double	1	1	17543	h Carolina Public Service Auth	Federal/State	100
U	SERC	Southern	AC	230	230	502	5-2009	Gaston	Bessemer	1	I - Overhe	Unknown	Unknown	1033	ACSR	Single	1	1	195	Alabama Power Company	IOU	100
Ü	SERC	VACAR	AC	230	230	1047	5-2009	Bristers	Gainesville	15	I - Overhe	tower	steel	636	ACSR	Double	1	2	19876	Dominion Virginia Power	IOU	100
Ü	SERC	Entergy	AC	230	230	521	6-2009		Danville	21		single pole	combination	1272	ACSR	Single	1	1	10010	Entergy	IOU	100
Ü			AC	230	230	866			Battlefield	3				795		Double	4	1	7197			100
U	SERC	Southern					6-2009	Woodlore				single pole	steel		ACSR			1	7197	orgia Transmission Corporati	Cooperative	
	SERC	Southern	AC	230	230	602	6-2009	Bethabara	Clarksboro	19		single pole	concrete	1351	ACSR	Single	- 1			orgia Transmission Corporati	Cooperative	100
U	SERC	Southern	AC	230	500	1578	6-2009	CONVERSIONS: Bower		28	I - Overhe		steel	1113	ACSR	Triple	1	1	7140	Georgia Power Company	IOU	100
U	SERC	TVA	AC	345	345	1947	6-2009	J.K. Smith	West Garrard County	36	I - Overhe	H-frame	steel	954	ACSR	Double	2	2	5580	ast Kentucky Power Cooperati	Cooperative	100
U	SERC	VACAR	AC	230	230	628	6-2009	Clinton	Lee	26	I - Overhe	single pole	steel	1590	ACSR	Single	1	1	3046	Progress Energy Carolinas	IOU	100
U	SERC	VACAR	AC	230	230	1256	6-2009	Rockingham	Wadesboro Bowman Sch	12	I - Overhe	H-frame	steel	1590	ACSR	Single	0	1	3046	Progress Energy Carolinas	IOU	100
U	SERC	VACAR	AC	230	230	956	6-2009	Winvah	Campfield	14	I - Overhe	single pole	steel	1272	ACSR	Double	1	1	17543	h Carolina Public Service Auth	Federal/State	100
Ü	SERC	VACAR	AC	230	230	797	11-2009	Chickahominy	Old Church	16	I - Overhe	tower	steel	636	ACSR	Double	- 1	2	19876	Dominion Virginia Power	IOU	100
Ü	SERC	Entergy	AC	230	230	640	12-2009	Colv	Hammond	20		single pole	steel	1780	ACSR	Single	1	1 1	.0010	Entergy	IOU	100
ü			AC					,		11							- 4	1				
	SERC	Entergy		230	230	521	12-2009	CONVERSIONS: Mabel				single pole	combination	1272	ACSR	Single	1		40.77	Entergy	IOU	100
U	SERC	TVA	AC	345	345	1195	12-2009	Mill Creek	Hardin County	42	I - Overhe	tower	steel	954	ACSR	Double	1	2		Services Inc. for LG&E & KU	IOU	100
U	SERC	TVA	AC	345	345	1195		Trimble County	Ghent-Speed Line	3	I - Overhe		steel	954	ACSR	Double	2	2		Services Inc. for LG&E & KU	IOU	100
U	SERC	TVA	AC	500	500	1732	5-2010	Maury	Rutherford	27	I - Overhe	tower	steel	954	ACSR	Triple	1	1	18642	Tennessee Valley Authority	Federal/State	100
U	SERC	VACAR	AC	230	230	797	5-2010	Harrisonburg	Valley	11	I - Overhe	tower	steel	636	ACSR	Double	1	2	19876	Dominion Virginia Power	IOU	100
Ü	SERC	VACAR	AC	230	230	352	5-2010	CONVERSIONS: A M W		17	I - Overhe	H-frame	wood	795	ACSR	Single	1	1	17539	Carolina Electric & Gas Com	IOU	100
Ü	SERC	Entergy	AC	230	230	1042		Ninemile	Waggaman	9	I - Overhe	tower	combination	1272	ACSR	Double	2	2		Entergy	IOU	100
Ü	SERC		AC	230	230	1042	6-2010		Waterford	23	I - Overhe	tower	combination	1272	ACSR	Double	2	2			IOU	100
U		Entergy						Waggaman									- 4		7140	Entergy		
_	SERC	Southern	AC	230	230	866	6-2010	Bowen	Huntsville	11	I - Overhe	H-frame	steel	795	ACSR	Double	1	1		Georgia Power Company	IOU	100
U	SERC	Southern	AC	230	230	596	6-2010	Dum Jon	Thomson	23		H-frame	steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	IOU	100
J	SERC	Southern	AC	230	230	602	6-2010	Jim Moore Road	Sharon Church	11		single pole		1351	ACSR	Single	1	1	7197	orgia Transmission Corporati	Cooperative	100
U	SERC	Southern	AC	230	230	602	6-2010	Old Freeman Mill Road	Jim Moore Road	4	I - Overhe	single pole	concrete	1351	ACSR	Single	1	1	7197	orgia Transmission Corporati	Cooperative	100
U	SERC	Southern	AC	230	230	602	6-2010	East Lake	Jackson Creek	9			Unknown	1351	ACSR	Single	1	1	7197		Cooperative	100
Ü	SERC	Southern	AC	500	500	3464	6-2010	Thomson	Warthen	35	I - Overhe		steel	1113	ACSR	Triple	1	1	7197		Cooperative	100
Ü	SERC	Southern	AC	230	230	866		Battlefield	Cedar Crest	5		single pole	steel	795	ACSR	Double	- 1	1	7197	orgia Transmission Corporati	Cooperative	100
Ü	SERC	Southern	AC	230	230	866	6-2010	Cedar Crest	Huntsville	7				795	ACSR	Double		1				100
												single pole					- 1				Cooperative	
U	SERC	Southern	AC	230	230	602		East Lake	Ola	4		single pole	concrete	1351	ACSR	Single	1	1		orgia Transmission Corporati	Cooperative	100
U	SERC	VACAR	AC	230	230	628	6-2010	Cape Fear	Siler City	30		H-frame	wood	1590	ACSR	Single	1	1	3046	Progress Energy Carolinas	IOU	100
U	SERC	Southern	AC	230	230	1003	12-2010	Prattville CT TS	County Line Road TS	1	I - Overhe	Unknown	Unknown	1033	ACSR	Double	1	1	195	Alabama Power Company	IOU	100
U	SERC	VACAR	AC	230	230	956	1-2011	Pee Dee	Lake City	26	I - Overhe	single pole	steel	1272	ACSR	Double	1	2	17543	h Carolina Public Service Auth	Federal/State	100
U	SERC	VACAR	AC	500	500	3450	5-2011	Carson	Suffolk	50	I - Overhe	tower	steel	1351	ACSR	Triple	1	1	19876	Dominion Virginia Power	IOU	100
Ú	SERC	VACAR	AC	230	230	722	5-2011	Chickahominy	Lanexa	14	I - Overhe	tower	steel	721	Aluminum	Double	1	2	19876	Dominion Virginia Power	IOU	100
Ü	SERC	VACAR	AC	230	230	1047	5-2011	Suffolk	Thrasher	26	I - Overhe	tower	steel	636	ACSR	Double	2	2	19876	Dominion Virginia Power	IOU	100
Ü	SERC		AC	345	345	1195							steel	795			4	1	924			100
		Entergy					6-2011	Thomas Hill	Norborne	60	I - Overhe	H-frame			ACSR	Single					Cooperative	
U	SERC	Entergy	AC	345	345	1195	6-2011	Norborne	Dresden	45		H-frame	steel	795	ACSR	Single	1	1	924	ociated Electric Cooperative,	Cooperative	100
U	SERC	Entergy	AC			884	6-2011	Cypress	Jacinto	31	H - Overhe	single pole		954	ACSR	Double	2	2		Entergy	IOU	100
U	SERC			230	230								Ullibiliation					2		Entergy	IOU	100
U	SERC	Entergy	AC	230	230	884	6-2011	CONVERSIONS: Jacint		29	I - Overhe	single pole		954	ACSR	Double	2			Littergy		
U	SERC	Entergy	AC AC		230 230	884 521	6-2011 6-2011	CONVERSIONS: Jacint CONVERSIONS: Sterlin		29 16			combination	954 1272	ACSR ACSR	Double Single	1	1		Entergy	IOU	100
Ú	SERC	Entergy	AC	230	230				Selman Field		I - Overhe	single pole single pole	combination combination		ACSR	Single	1 1			Entergy		100 100
ŭ		Entergy Entergy	AC AC AC	230 230 230	230 230 230	521	6-2011	CONVERSIONS: Sterlin	Selman Field Rilla	16	I - Overhe	single pole single pole single pole	combination combination combination	1272	ACSR ACSR	Single Single	1	1		Entergy Entergy	IOU	
	SERC	Entergy Entergy Entergy	AC AC AC AC	230 230 230 230	230 230 230 230	521 521 521	6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla	Selman Field Rilla Frostkraft	16 11 8	I - Overhe I - Overhe I - Overhe	single pole single pole single pole single pole	combination combination combination concrete	1272 1272 1272	ACSR ACSR ACSR	Single Single Single	1	1 1		Entergy Entergy Entergy	IOU IOU	100 100
=	SERC SERC	Entergy Entergy Entergy Entergy	AC AC AC AC	230 230 230 230 230 230	230 230 230 230 230 230	521 521 521 521	6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk	Selman Field Rilla Frostkraft Sterlington	16 11	I - Overhe I - Overhe I - Overhe I - Overhe	single pole single pole single pole single pole single pole	combination combination combination concrete concrete	1272 1272 1272 1272	ACSR ACSR ACSR ACSR	Single Single Single Single	1	1 1 1	7140	Entergy Entergy Entergy Entergy	IOU IOU IOU	100 100 100
U	SERC SERC SERC	Entergy Entergy Entergy Entergy Southern	AC AC AC AC AC	230 230 230 230 230 230	230 230 230 230 230 230 230	521 521 521 521 521 1205	6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white)	16 11 8 29	I - Overhe I - Overhe I - Overhe I - Overhe I - Overhe	single pole single pole single pole single pole single pole single pole	combination combination combination concrete concrete steel	1272 1272 1272 1272 1272 1351	ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Double	1	1 1 1 1 2	7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company	IOU IOU IOU IOU	100 100 100 100
Ü	SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern Southern	AC AC AC AC AC AC	230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC Plant McDonough	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna	16 11 8 29 1	1 - Overhe 1 - Overhe 1 - Overhe 1 - Overhe 1 - Overhe 1 - Overhe	single pole single pole single pole single pole single pole single pole single pole	combination combination combination concrete concrete steel steel	1272 1272 1272 1272 1272 1351 1351	ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Double Double	1 1 1 1 2 2	1 1 1 1 2 2	7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Power Company	IOU IOU IOU IOU IOU	100 100 100 100 100
U	SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern Southern Southern	AC AC AC AC AC AC AC AC AC	230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC Plant McDonough Plant McDonough CC	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black)	16 11 8 29 1 6	1 - Overhe 1 - Overhe 1 - Overhe 1 - Overhe 1 - Overhe 1 - Overhe 1 - Overhe	single pole single pole single pole single pole single pole single pole single pole single pole single pole	combination combination combination concrete concrete steel steel steel	1272 1272 1272 1272 1272 1351 1351 1351	ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Double Double Double	1	1 1 1 1 1 2 2	7140 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Power Company Georgia Power Company	IOU IOU IOU IOU IOU IOU	100 100 100 100 100 100
UUU	SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern Southern Southern Southern	AC	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek	16 11 8 29 1 6 1 5	1 - Overhe 1 - Overhe	single pole single pole single pole single pole single pole single pole single pole single pole H-frame	combination combination combination concrete concrete steel steel steel steel	1272 1272 1272 1272 1272 1351 1351 1351	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single	1 1 1 1 2 2	1 1 1 1 2 2 2	7140 7140 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company	IOU IOU IOU IOU IOU IOU IOU IOU IOU	100 100 100 100 100 100 100
U	SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern Southern Southern Southern Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC Plant McDonough Plant McDonough CC	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek	16 11 8 29 1 6 1 5	1 - Overhe 1 - Overhe	single pole single pole single pole single pole single pole single pole single pole single pole H-frame single pole	combination combination combination concrete concrete steel steel steel	1272 1272 1272 1272 1272 1351 1351 1351 1351	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single Single Single	1 1 1 1 2 2	1 1 1 1 1 2 2 2 2 1	7140 7140 7140 7197	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Power Company Georgia Power Company Georgia Power Company orgia Transmission Corporati	IOU IOU IOU IOU IOU IOU	100 100 100 100 100 100 100
UUU	SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern Southern Southern Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek	16 11 8 29 1 6 1 5	1 - Overhe 1 - Overhe	single pole single pole single pole single pole single pole single pole single pole single pole H-frame	combination combination combination concrete concrete steel steel steel steel	1272 1272 1272 1272 1272 1351 1351 1351	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single	1 1 1 1 2 2	1 1 1 1 2 2 2	7140 7140 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company	IOU IOU IOU IOU IOU IOU IOU IOU IOU	100 100 100 100 100 100 100
U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern Southern Southern Southern Southern Southern Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602 602 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC Plant McDonough Plant McDonough CC South Dahlonega Bethabara	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek	16 11 8 29 1 6 1 5	1 - Overhe 1 - Overhe	single pole single pole single pole single pole single pole single pole single pole single pole H-frame single pole single pole	combination combination combination concrete concrete steel steel steel steel concrete	1272 1272 1272 1272 1272 1351 1351 1351 1351	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single Single Single	1 1 1 1 2 2	1 1 1 1 1 2 2 2 2 1	7140 7140 7140 7197	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Power Company Georgia Power Company Georgia Power Company orgia Transmission Corporati	IOU	100 100 100 100 100 100 100
0 0 0	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern Southern Southern Southern Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selma CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton	16 11 8 29 1 6 1 5 8	1 - Overhe 1 - Overhe	single pole single pole single pole single pole single pole single pole single pole single pole H-frame single pole	combination combination combination concrete concrete steel steel steel steel concrete concrete	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single Single Single	1 1 1 2 2 2 1 1 1 1	1 1 1 2 2 2 2 1 1 1 1	7140 7140 7140 7197 7197	Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Power Company Georgia Power Company orgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati	IOU IOU IOU IOU IOU IOU IOU IOU IOU Cooperative Cooperative	100 100 100 100 100 100 100 100 100 100
U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern Southern Southern Southern Southern Southern Southern Southern Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 1205 602 602 602 602 3464	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selme CONVERSIONS: Selme CONVERSIONS: Rilla CONVERSIONS: Frostk Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton East Walton East Walton	Selman Field Rilia Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Jack's Creek Rocckville	16 11 8 29 1 6 1 5 8 4 9	1 - Overhe 1 - Overhe	single pole H-frame single pole single pole single pole single pole tower	combination combination combination combination concrete steel steel steel steel concrete concrete concrete steel steel steel steel steel steel concrete steel steel concrete steel steel steel steel steel steel steel steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single Single Single Single Single Triple	1 1 1 2 2 2 1 1 1 1	1 1 1 1 1 2 2 2 2 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 602 602 602 602 3464 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Serlir CONVERSIONS: First CONVERSIONS: First Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton Last Walton Last Walton Last Walton Last Wellone	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Jack's Creek Rockville Cornish Mountain	16 11 8 29 1 6 1 5 8 4 9	1 - Overhe 1 - Overhe	single pole	combination combination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete steel concrete concrete steel concrete steel concrete concrete concrete steel concrete	1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Single Single Single Single Single Single Single Single Single	1 1 1 2 2 2 1 1 1 1	1 1 1 1 1 2 2 2 2 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197	Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Power Company Georgia Power Company orgia Transmission Corporati	IOU IOU IOU IOU IOU IOU IOU IOU IOU Cooperative Cooperative Cooperative Cooperative	100 100 100 100 100 100 100 100 100 100
U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 602 602 602 602 602 602 602 602 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Stelric CONVERSIONS: Selms CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CS South Dahlonega Bethabara Bostwick East Walton Last Walton Last Walton Last Creek	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton Last Walton Jack's Creek Rodckville Comish Mountain Toccoa River	16 11 8 29 1 6 1 5 8 4 9 40 15 20	I - Overhe	single pole single pole	ombination combination combination concrete concrete steel steel steel concrete	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Single	1 1 1 2 2 2 1 1 1 1	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati	IOU IOU IOU IOU IOU IOU IOU IOU IOU Cooperative Cooperative Cooperative Cooperative Cooperative Cooperative Cooperative	100 100 100 100 100 100 100 100 100 100
U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Selectir CONVERSIONS: First CONVERSIONS: First Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton Least Walton Jack's Creek Ellijay Kiln	Selman Field Rilla Frostkraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton Jack's Creek Rockville Comish Mountain Toccoa River Picayune	16 11 8 29 1 6 1 5 8 4 9 4 9 20 22	i - Overhe	single pole tower single pole single pole H-frame	combination combination combination combination concrete concrete steel steel steel steel concrete	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Double Double Double Single	1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197 7197 12686	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Power Company Georgia Power Company Georgia Power Company orgia Transmission Corporati	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 602 602 602 602 3464 602 602 602 580	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterin CONVERSIONS: Selmi CONVERSIONS: Firsts Plant McDonough CC Plant McDonough CC Plant McDonough CS South Dahlonega Berhabara Bostwick East Walton Jack's Greek Ellijay Kiln	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton East Walton Comish Mountain Toccoa River Picayune Str. 31 (Cornish Mountain	16 11 8 29 1 6 1 5 8 4 9 40 15 20 22 4	i - Overhe	single pole tingle pole tower single pole single pole single pole tower single pole single pole single pole	ombination combination combination combination combination concrete concrete steel steel steel steel steel concrete concrete concrete concrete steel steel steel steel steel steel steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single	1 1 1 2 2 2 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197 7197 12686 13100	Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Mississippi Power Company (Lopal Electric Authority of Geo	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern VACAR	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Stelfin CONVERSIONS: Selm CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Berhabara Bostwick East Walton East Walton Jack's Creek Elijiay Klin LPM-Monroe-str 31 Bristers	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Jack's Creek Rockville Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonwille	16 11 8 29 1 6 1 5 8 4 9 40 15 20 22 4	i - Overhe	single pole tower single pole single pole single pole single pole tower single pole tower single pole tower	combination combination combination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete steel steel concrete steel concrete steel concrete steel concrete concrete concrete concrete steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single	1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197 7197 12686 13100 19876	Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Mississippi Power Company cipal Electric Authority of Geo Dominion Virginia Power	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 602 602 602 602 3464 602 602 602 580	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Sterin CONVERSIONS: Selmi CONVERSIONS: Firsts Plant McDonough CC Plant McDonough CC Plant McDonough CS South Dahlonega Berhabara Bostwick East Walton Jack's Greek Ellijay Kiln	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton East Walton Comish Mountain Toccoa River Picayune Str. 31 (Cornish Mountain	16 11 8 29 1 6 1 5 8 4 9 40 15 20 22 4	i - Overhe	single pole tingle pole tower single pole single pole single pole tower single pole single pole single pole	ombination combination combination combination combination concrete concrete steel steel steel steel steel concrete concrete concrete concrete steel steel steel steel steel steel steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single	1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197 7197 12686 13100	Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Mississippi Power Company (Lopal Electric Authority of Geo	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern VACAR	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011 6-2011	CONVERSIONS: Stelfin CONVERSIONS: Selm CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Berhabara Bostwick East Walton East Walton Jack's Creek Elijiay Klin LPM-Monroe-str 31 Bristers	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Jack's Creek Rockville Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonwille	16 11 8 29 1 6 1 5 8 4 9 40 15 20 22 4	i - Overhe	single pole tower single pole single pole single pole single pole tower single pole tower single pole tower	combination combination combination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete steel steel concrete steel concrete steel concrete steel concrete concrete concrete concrete steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single	1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197 7197 12686 13100 19876	Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati sorgia Transmission Corporati sorgia Transmission Corporati sorgia Transmission Corporati orgia Transmission Corporati Mississippi Power Company Georgia Transmission Corporati Mississippi Power Company Gipal Electric Authority of Ge Dominion Virginia Power	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern VACAR	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 602 602 602 602 602 602 580 1047 3450	6-2011 6-2011	CONVERSIONS: Steline CONVERSIONS: Selime CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough C Plant McDonough C Plant McDonough C South Dahlonega Bethabara Bostwick East Walton East Walton Jack's Creek Elilipy Kiln LPM-Monroe-str 31 Bristers Loudoun Kinston DuPont	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton Last Walton Jack's Creek Rockville Comish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville McStormie	16 11 8 29 1 6 1 5 8 4 4 9 40 15 20 22 4 13 10 30 30	i - Overhe	single pole tower single pole H-frame single pole tower tower	combination combination combination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete concrete concrete steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876	Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati Mississippi Power Company Georgia Transmission Corporati Mississippi Power Company Gipal Electric Authority of Ged Dominion Virginia Power Dominion Virginia Power Dominion Foreign Georgia Company Dominion Foreign Georgia Company	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Southern VacAR VACAR VACAR	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2011	CONVERSIONS: Sterin CONVERSIONS: Setime CONVERSIONS: Frosts CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton Last Walton Last Walton Bostwick East Walton Last Walton Bostwick Est Walton Last Walt	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton Last Walton Last Walton Jack's Creek Rockville Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End	16 11 8 29 1 6 1 5 8 4 9 40 15 20 22 4 13 100 30 38	i - Overhe	single pole single pole single pole single pole single pole single pole single pole single pole single pole single pole tower single pole tower single pole tower single pole tower single pole tower single pole tower single pole H-frame tower single pole	combination combination combination combination concrete concrete steel steel steel concrete concrete concrete concrete steel concrete steel concrete steel concrete steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Single Double Double Double Single Single Single Single Single Single Single Single Triple Single Double Triple Single	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876 19876 3046	Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Mississippi Power Company Gipal Electric Authority of Geo Dominion Virginia Power Dominion Virginia Power Progress Energy Carolinas Progress Energy Carolinas	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Southern VACAR VACAR VACAR VACAR VACAR VACAR VACAR VACAR Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2011	CONVERSIONS: Steline CONVERSIONS: Selime CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton East Walton Jack's Creek Eillijay Kiln LIPM-Monroe-str 31 Bristers Loudoun Kinston DuPont Rockingham Oosterfield	Selman Field Rilia Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton East Walton Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove	16 11 8 29 1 6 1 5 8 4 4 9 40 15 20 22 4 13 100 30 30 38 60	i - Overhe	single pole tower single pole tower tower single pole H-frame single pole H-frame tower	ombination combination concrete concrete steel steel steel steel concrete concrete concrete concrete concrete concrete steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single Double Triple Single Double Triple Triple Triple	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 12686 13100 19876 19876 3046	Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati Mississippi Power Company (capal Electric Authority of Geo Dominion Virginia Power Dominion Virginia Power Progress Energy Carolinas Progress Energy Carolinas Progress Energy Carolinas	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Southern VacAr VACAR VACAR VACAR VACAR Southern Southern Fouthern Southern Fouthern Fouth	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602 602 602 3464 602 602 580 1047 3450 628 1195 3429 1195	6-2011 6-2011	CONVERSIONS: Sterlir CONVERSIONS: Setrlir CONVERSIONS: Frost CONVERSIONS: First CONVERSIONS: Frost Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton Covered Covered Ellijay Klin Kin McDonough Rockingham Osierfield Bogue Chitto	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton East Walton Greek Rockville Cornish Mountain Tocoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogalusa	16 11 18 8 29 1 6 1 5 8 4 9 40 15 20 22 4 13 100 30 30 38 60 12	I - Overhe	single pole tower single pole single pole H-frame single pole tower	combination combination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete concrete concrete steel concrete concrete concrete steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single Triple Triple Triple Triple	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876 19876 3046	Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Orgina Flower Company Flower Company Georgia Power Company Georgia Power Company Entergy	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Southern Entergy Fintergy Entergy Entergy Entergy Entergy	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 1205 1205 1205 602 602 602 3464 602 602 602 580 1047 3450 622 523 524 525 527 527 527 527 527 527 527 527 527	6-2011 6-2011	CONVERSIONS: Stelric CONVERSIONS: Selmic CONVERSIONS: Selmic CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton East Walton Jack's Creek Eillijay Kiln Loudoun Kinston DuPont Rockingham Osierfield Bogue Chitto Getwell	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Lack Creek Rockville Comish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogalusa Twinkletown	16 11 18 8 29 1 1 6 1 5 8 4 9 40 15 20 22 24 13 100 30 38 60 12 13	i - Overhe	single pole tower single pole single pole single pole single pole single pole H-frame tower tower single pole sing	ombination ombination ombination concrete concrete steel steel steel concrete concrete concrete concrete concrete steel	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Double Double Double Single Double Triple Triple Triple Single	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197 7197 12686 13100 19876 19876 3046 3046 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati (Georgia Transmission Corporati Mississippi Power Company Georgia Transmission Corporati Mississippi Power Company Georgia Carloinas Progress Energy Carolinas Progress Energy Carolinas Georgia Power Company Entergy Entergy Entergy	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Southern Entergy Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2011	CONVERSIONS: Steline CONVERSIONS: Selime CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough Plant McDonough Plant McDonough Plant McDonough Bostwick East Walton East Walton Jack's Creek Eilijay Klin LPM-Monroe-str 31 Bristers Loudoun Kinston DuPont Rockingham Osierfield Bogue Chitto Getwell Line Creek	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Jack's Creek Rockville Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogalusa Twinkletown Ono	16 11 11 8 8 29 1 6 1 5 8 4 9 40 15 20 22 4 100 30 30 30 30 12 13 5	I - Overhe	single pole tower single pole single pole tower single pole tower single pole tower single pole tower tower single pole H-frame tower tower tower single pole H-frame tower tower single pole	ombination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete steel steel steel steel steel steel steel steel steel concrete concrete steel concrete steel s	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Double Double Double Single Triple Single Double Triple Triple Single Double Triple Single	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876 13876 3046 7140	Entergy Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Mississippi Power Company cipa Electric Authority of Geo Dominion Virginia Power Dominion Virginia Power Progress Energy Carolinas Progress Energy Carolinas Georgia Power Company Entergy Georgia Power Company	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Southern Fouthern Southern Fouthern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 1205 602 602 602 602 602 602 580 1345 628 1195 628 1195 629 602 602 602 602 602 602 602 602 602 602	6-2011 6-2012 6-2012 6-2012 6-2012	CONVERSIONS: Stering CONVERSIONS: Selms CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CE Plant McDonough CE Plant McDonough CE South Dahlonega Bethabara Bethabara Bostwick East Walton East Walton East Walton East Walton Under Corek Ellijay Kiln Loudoun Kinston DuPont Rockingham Csierfield Bogue Chitto Getwell Line Creek Clermont Junction	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton Jack's Creek Rockville Comish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogalusa Tyminkletown Ono Dawson Crossing	16 11 8 29 1 1 6 1 5 8 4 9 40 15 20 22 4 13 100 38 60 12 13 5 5	- Overhell	single pole H-frame single pole H-frame tower tower single pole H-frame tower tower single pole H-frame single pole H-frame	ombination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete steel steel steel steel steel steel steel steel concrete steel s	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Double Double Double Single	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7197 7197 7197 7197 7197 7197 7197 12686 13100 19876 19876 3046 3046 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati Mississippi Power Company Georgia Transmission Corporati Mississippi Power Company Intergual Company Georgia Power Company Entergy Georgia Power Company Orgia Transmission Corporati	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Southern Entergy Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2012 6-2012 6-2012 6-2012	CONVERSIONS: Steline CONVERSIONS: Selime CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough Plant McDonough Plant McDonough Plant McDonough Bostwick East Walton East Walton Jack's Creek Eilijay Klin LPM-Monroe-str 31 Bristers Loudoun Kinston DuPont Rockingham Osierfield Bogue Chitto Getwell Line Creek	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Jack's Creek Rockville Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogalusa Twinkletown Ono	16 11 11 8 8 29 1 6 1 5 8 4 9 40 15 20 22 4 100 30 30 30 30 12 13 5	- Overhell	single pole tower single pole single pole tower single pole tower single pole tower single pole tower tower single pole H-frame tower tower tower single pole H-frame tower tower single pole	ombination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete steel steel steel steel steel steel steel steel concrete steel s	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Double Double Double Single Triple Single Double Triple Triple Single Double Triple Single	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876 13876 3046 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati Mississippi Power Company Georgia Transmission Corporati Mississippi Power Company Intergual Company Georgia Power Company Entergy Georgia Power Company Orgia Transmission Corporati	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Southern Fouthern Southern Fouthern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 1205 602 602 602 602 602 602 580 1345 628 1195 628 1195 629 602 602 602 602 602 602 602 602 602 602	6-2011 6-2012 6-2012 6-2012 6-2012	CONVERSIONS: Stering CONVERSIONS: Selms CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CE Plant McDonough CE Plant McDonough CE South Dahlonega Bethabara Bethabara Bostwick East Walton East Walton East Walton East Walton Under Corek Ellijay Kiln Loudoun Kinston DuPont Rockingham Csierfield Bogue Chitto Getwell Line Creek Clermont Junction	Selman Field Rilia Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton East Walton Godwille Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogallusa Twinkletown Ond Dawson Crossing Lewis Creek	16 11 8 29 1 1 6 1 5 8 4 9 40 15 20 22 4 13 100 38 60 12 13 5 5	I - Overhe	single pole single pole tower tower tower tower single pole tower tower tower	ombination combination concrete concrete steel steel steel concrete concrete concrete concrete concrete steel steel steel steel steel steel steel steel concrete steel s	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Single Double Double Double Single Double Triple Single Single Single Double Triple Single Single Single Single Single Single Single Single Single	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876 13876 3046 7140	Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati Mississippi Power Company cipal Electric Authority of Geo Dominion Virginia Power Dominion Virginia Company Entergy Entergy Georgia Power Company orgia Transmission Corporati	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Entergy Entergy Southern Fouthern VACAR VACAR VACAR VACAR VACAR Southern Entergy Enter	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 602 602 602 602 602 602 602 603 604 604 605 605 606 605 606 607 608 609 609 609 609 609 609 609 609 609 609	6-2011 6-2011	CONVERSIONS: Sterin CONVERSIONS: Sterin CONVERSIONS: Seims CONVERSIONS: Frosts CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bestwick East Walton Last	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton East Walton East Walton East Walton East Walton Sinch Screek Rockville Comish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogalusa Twinkletown Ono Dawson Crossing Lewis Creek McDonough	16 11 8 29 1 1 6 1 5 8 4 4 9 40 15 20 22 4 13 100 30 38 60 12 13 5 5 20 22 4 4 10 20 20 20 20 20 20 20 20 20 20 20 20 20	- Overhell	single pole tower tower tower tower tower tower tower the tower tower tower single pole H-frame tower single pole H-frame single pole single single pole single sing	ombination commination commination commination concrete concrete steel steel steel steel concrete concrete concrete concrete steel steel steel steel steel steel steel steel concrete steel s	1272 1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Single Double Double Double Single	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876 3046 3046 3046 7140 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Mississippi Power Company Gupa Electric Authority of Ge Dominion Virginia Power Progress Energy Carolinas Georgia Power Company Entergy Entergy Georgia Power Company orgia Transmission Corporati Entergy Georgia Power Company orgia Transmission Corporati Entergy Georgia Power Company Orgia Transmission Corporati	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Southern Southern Southern Southern Southern Southern Southern Southern VACAR VACAR VACAR VACAR VACAR VACAR VACAR VACAR VACAR Southern Entergy Entergy Southern Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 1205 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2011	CONVERSIONS: Steline CONVERSIONS: Selime CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CE Plant McDonough CE Plant McDonough CE South Dahlonega Besthabara Bostwick East Walton East Walton Jack's Creek Ellijay Kiln LUBM-Monroe-str 31 Bristers Loudoun Goisrfield Bogue Chitto Getwell Line Creek Clermont Junction Porter Ohara	Selman Field Rilia Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton East Walton East Walton East Walton Size Creek Rockville Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mi Storm Greenville West End Pine Grove Bogalusa Twinkletown Ono Dawson Crossing Lewis Creek McDonough Stuwanee	16 11 8 29 1 6 1 5 8 4 4 9 40 15 20 22 4 13 30 30 38 60 12 22 4 13 5 20 22 4 10 10 10 10 10 10 10 10 10 10 10 10 10	- Overhell O	single pole single pole tower single pole single pole tower single pole single pole single pole single pole H-frame tower single pole single pole single pole single pole single pole single pole	ombination combination comments of concrete steel steel steel steel concrete concrete concrete steel concrete concrete steel s	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Single Double Double Single Double Triple Single	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876 19876 3046 7140 7140 7140	Entergy Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati orgia Transmission Corporati Mississippi Power Company Gipal Electric Authority of Geo Dominion Virginia Power Dominion Virginia Power Dominion Virginia Power Progress Energy Carolinas Georgia Power Company Entergy Georgia Power Company	IOU	100 100 100 100 100 100 100 100 100 100
	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Entergy Entergy Entergy Southern Foreign Southern Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 521 1205 1205 602 602 602 602 3464 602 602 580 1047 3450 628 1195 628 1195 628 628 629 629 649 649 649 649 649 649 649 649 649 64	6-2011 6-2011	CONVERSIONS: Steric CONVERSIONS: Steric CONVERSIONS: Seime CONVERSIONS: Frosts CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton Jack's Creek Ellijay Klin Liph-Monroe-etr 31 Bristers Loudoun Kinston DuPont Konstron DuPont Rockingham Osierfield Bogue Chitto Getwell Line Creek Clermont Junction Porter Onbara South Hall	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Jack's Creek Rockville Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogallusa Twinkletown Ono Dawson Crossing Lewis Creek McDonough Suwanee McCoRAU FORD	16 11 8 29 1 6 6 1 5 8 4 9 40 15 20 22 4 13 100 30 38 60 12 22 4 13 5 20 22 4 10 10 10 10 10 10 10 10 10 10 10 10 10	- Overhell	single pole tower single pole tower single pole tower single pole tower single pole H-frame H-frame H-frame H-frame H-frame H-frame H-frame H-frame H-frame	ombination combination commination commination commination concrete concrete steel steel steel concrete concrete concrete concrete steel steel steel steel concrete steel concrete steel steel concrete concrete concrete concrete concrete steel stee	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Single Double Double Double Single	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 7198 13100 19876 3046 3046 7140 7140 7140 7140 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Mississippi Power Company Giapa Electric Authority of Ge Dominion Virginia Power Pogress Energy Carolinas Georgia Power Company Entergy Entergy Georgia Power Company orgia Transmission Corporati Entergy Georgia Power Company	IOU	100 100 100 100 100 100 100 100 100 100
	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Entergy Entergy Entergy Southern VACAR Southern Entergy Entergy Southern Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 521 1205 1205 602 602 602 602 602 602 602 602 602 602	6-2011 6-2011	CONVERSIONS: Steline CONVERSIONS: Seline CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Rilla CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton East Walton Jack's Creek Eillijay Kiln LUPM-Monroe-str 31 Bristers Loudoun Kinston DuPont Rockingham Osierfield Bogue Chitto Getwell Line Creek Clermont Junction Porter Ohara South Hall HOPEWELL Farley	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton Eomis Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogalusa Twinkletown Ono Dawson Crossing Lewis Creek McDonough Suwanee McGRAU FORD Raccoon Creek	16 11 8 29 1 6 1 5 5 8 4 4 9 40 15 20 22 4 13 100 30 30 38 60 12 22 22 4 13 100 100 100 100 100 100 100 100 100	- Overhell	single pole single pole	ombination combination combination commente concrete steel steel steel steel steel concrete concrete concrete steel concrete concrete steel concrete concrete steel concrete steel s	1272 1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Double Double Double Single Double Triple Single Double Triple Single Double Single	1 1 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 12686 13100 19876 3046 3046 7140 7140 7140 7140 7140 7140 7140 7140	Entergy Entergy Entergy Entergy Entergy Entergy Entergy Georgia Power Company Georgia Transmission Corporati orgia Transmission Corporati (Lambergia Transmission Corporati Mississippi Power Company (Lambergia Transmission Corporati Mississippi Power Company Carporation Virginia Power Dominion Virginia Power Progress Energy Carolinas	IOU	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U U U U U U	SERC SERC SERC SERC SERC SERC SERC SERC	Entergy Entergy Entergy Entergy Entergy Entergy Entergy Entergy Southern Foreign Southern Entergy Entergy Southern	AC A	230 230 230 230 230 230 230 230 230 230	230 230 230 230 230 230 230 230 230 230	521 521 521 521 521 521 1205 1205 602 602 602 602 3464 602 602 580 1047 3450 628 1195 628 1195 628 628 629 629 649 649 649 649 649 649 649 649 649 64	6-2011 6-2011	CONVERSIONS: Stering CONVERSIONS: Stering CONVERSIONS: Setima CONVERSIONS: Frosts CONVERSIONS: Frosts Plant McDonough CC Plant McDonough CC Plant McDonough CC South Dahlonega Bethabara Bostwick East Walton Last Walton Loudoun Kinston DuPont Kinston DuPont Kinston DuPont Kinston DuPont Colorion Loudoun Line Creek Clermont Junction Porter Ohara South Hall HoPEWELL Farley Bio	Selman Field Rilla Frosikraft Sterlington Plant McDonough (white) Smyrna Plant McDonough (black) Palmer Creek East Walton East Walton Jack's Creek Rockville Cornish Mountain Toccoa River Picayune Str. 31 (Cornish Mountair Garrisonville Mt Storm Greenville West End Pine Grove Bogallusa Twinkletown Ono Dawson Crossing Lewis Creek McDonough Suwanee McCoRAU FORD	16 11 8 29 1 6 6 1 5 8 4 9 40 15 20 22 4 13 100 30 38 60 12 22 4 13 5 20 22 4 10 10 10 10 10 10 10 10 10 10 10 10 10	- Overhell O	single pole tower single pole tower single pole tower single pole tower single pole H-frame H-frame H-frame H-frame H-frame H-frame H-frame H-frame H-frame	ombination commination commination commination commination concrete steel steel steel steel concrete concrete concrete concrete steel steel steel steel steel steel concrete concrete steel stee	1272 1272 1272 1272 1272 1351 1351 1351 1351 1351 1351 1351 135	ACSR ACSR ACSR ACSR ACSR ACSR ACSR ACSR	Single Single Single Single Single Single Double Double Double Single	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	7140 7140 7140 7140 7197 7197 7197 7197 7197 7197 7198 12686 13100 19876 3046 3046 7140 7140 7140 7140 7140 7140 7140 7140	Entergy Entergy Entergy Entergy Entergy Georgia Power Company orgia Transmission Corporati Mississippi Power Company Company Dominion Virginia Power Dominion Virginia Power Progress Energy Carolinas Georgia Power Company Entergy Entergy Georgia Power Company orgia Transmission Corporati Entergy Georgia Power Company Georgia Power Company Georgia Power Company Georgia Power Company orgia Transmission Corporati orgia Transmission Corporati	IOU	100 100 100 100 100 100 100 100 100 100

U	SERC	Southern	AC	230	230	602		Cliftondale	Ono	6		single pole		1351	ACSR	Single	1	1	7197	orgia Transmission Corporati		100
U	SERC	Southern	AC	230	230	602		Shoal Creek	Suwanee	8		single pole		1351	ACSR	Single	-	1	7197	orgia Transmission Corporati	Cooperative	100
U	SERC	Southern	AC	230	230	602		CONVERSIONS: South		3		H-frame	wood	1351	ACSR	Single	1	1	7140	Georgia Power Company	IOU	100
U	SERC	Southern	AC	230	230	602	5-2014	Bessemer	Magella	7		Unknown		1351	ACSR	Single	1	1	195	Alabama Power Company	IOU	100
U	SERC	Entergy	AC	230	230	521	6-2014	Lakeover	Yandell Road	21	I - Overhe	single pole	steel	1272	ACSR	Single	2	2		Entergy	IOU	100
U	SERC	Southern	AC	230	230	602	6-2014	Bethbara	East Walton	6	I - Overhe	H-frame	steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	IOU	100
U	SERC	Southern	AC	230	230	602	6-2014	CLERMONT JCT.	South Cleveland	17	I - Overhe	single pole	steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	IOU	100
U	SERC	Southern	AC	230	230	602	6-2014	Gordon	North Dublin	32	I - Overhe	H-frame	wood	1351	ACSR	Single	1	1	7140	Georgia Power Company	IOU	100
U	SERC	Southern	AC	230	230	866	6-2014	Arkwright	West Milledgeville	33		H-frame	steel	795	ACSR	Double	1	1	7140	Georgia Power Company	IOU	100
U	SERC	VACAR	AC	230	230	628	6-2014	Florence	Marion (PEC)	26	I - Overhe	single pole	steel	1590	ACSR	Single	1	1	3046	Progress Energy Carolinas	IOU	100
Ü	SERC	Southern	AC	500	500	2701		Thomson Primary	Vogtle	50	I - Overhe		steel	1113	ACSR	Triple	1	1	7140	Georgia Power Company	IOU	100
Ü	SERC	Southern	AC	500	500	3429		Mostellar Springs	Alabama State Line	40	I - Overhe		steel	1113	ACSR	Triple	1	1	7140	Georgia Power Company	IOU	100
Ü	SERC	Southern	AC	230	230	602		Kettle Creek	Offerman	21			concrete	1351	ACSR	Single	1	1	7197	eorgia Transmission Corporati	Cooperative	100
ŭ	SERC	Southern	AC	230	230	602	6-2015	McGrau Ford	Hopewell	12			concrete	1351	ACSR	Single		1	7197	eorgia Transmission Corporati	Cooperative	100
Ü	SERC	Southern	AC	230	230	602		CONVERSIONS: Mitche		13		single pole	steel	1351	ACSR	Single	1	1	7140	Georgia Power Company	IOU	100
Ü	SERC	Southern	AC	230	230	602			JC Penny	2			steel	1351	ACSR		1	<del>†</del>	7140		IOU	100
Ü	SPP	Southern						JC Penny tap		8	OH	single pole H	W	795		Single		1	7140	Georgia Power Company MIDW		100
Ü	SPP		AC	230	230		1-Sep-07		South Hays			H	W		ACSR	Single		1		MIDW	C	
			AC	230	230		1-Sep-07		South Hays	42	OH			795	ACSR	Single		1	47000		C	100
U	SPP		AC	345	345			Chamber Springs	Tonitown	14	OH	Pole Tower	С	795	ACSR	Double	1	1	17698	SOEP		100
U	SPP		AC	345	345		1-Dec-08		Reno County	35	OH	Н	S	1192.5	ACSR	2		1	22500	Westar Energy, Inc.		100
U	SPP		AC	230	230			Seven Rivers	Potash Jct	34	OH	Н	С	795	ACSR			1	17718	SWPS		100
U	SPP		AC	230	230		1-Nov-09		Seminole	21	OH	H	C	795	ACSR	1		1	17718	SWPS	<u> </u>	100
U	SPP		AC	345	345			Reno County	Summit	51	OH	H	S	1192.5	ACSR	2	1	1	22500	Westar Energy, Inc.	<u> </u>	100
U	SPP		AC	230	230	452		Hitchland	Prairie	40	OH	Н	С	795	ACSR		1	1	17718	SWPS		100
U	SPP		AC	230	230		1-Aug-10		Moore Co	50	OH	Н	С	795	ACSR	11		1	17718	SWPS		100
U	SPP		AC	230	230		1-Oct-10		Pringle	35	OH	Н	С	795	ACSR	11	-	1	17718	SWPS		100
U	SPP		AC	345	345		1-Dec-10		Swissvale	50	OH	Н	S	1192.5	ACSR	2	-	1	22500	Westar Energy, Inc.	1	100
U	SPP		AC	345	345		1-Dec-10		Valliant	16	OH	Н	S	2-795	ACSR	2	Ü	1	20447	Western Farmers	С	100
U	SPP		AC	345	345	896	1-Jun-11	Flint Creek	East Centertown	21	OH	Pole Tower	С	795	ACSR	Double	1	1	17698	SOEP	1	100
U	SPP		AC	345	345		1-Jun-11		Sooner	100	OH	Н	S	795	ACSR	3		1	10005	ansas Gas & Electric Compar	1	50
U	SPP		AC	345	345		1-Apr-12		Roosevelt	130	OH	Н	W	795	ACSR	2	1	1	17718	SWPS	1	100
U	SPP		AC	345	345		1-Apr-12		TUCO	65	OH	Н	W	795	ACSR	2	1	1	17718	SWPS	1	100
U	SPP		AC	345	345		1-Apr-12		Moreland	285	OH	Н	W	795	ACSR	2	1	1	17718	SWPS		100
U	SPP		AC	345	345		1-Apr-12	Mooreland	Spearville	140	OH	Н	W	795	ACSR	2	1	1	17718	SWPS		100
U	WECC	AZ-NM-SNV	AC	525	500			Harry Allen Sub NV	Mead Sub NV	50										NEVP		100
U	WECC	NWUS	AC	230	230			Mountain Home ID	Mountain Home ID	6	1									IPC	1	100
U	WECC	CA-MX	AC	230	500			Antelope CA	Pardee CA	26										SCE	1	100
U	WECC	RMPA	AC	230	230			Longmont CO	Platteville CO	21										PRPA	S	100
U	WECC	NWUS	AC	230	230	534 MVA			U. S Border	145										NWMT	i	100
Ü	WECC	RMPA	AC	230	230			Fort Collins CO	Loveland CO	10										PRPA	S	100
Ū	WECC	AZ-NM-SNV	AC	230	230			Las Vegas NV	Las Vegas NV	1										NEVP	ī	100
Ū		AZ-NM-SNV		230	230			Las Vegas NV	Las Vegas NV	1										NEVP	i	100
Ū	WECC	AZ-NM-SNV	AC	345	345		04 2008		Mobile AZ	1										TEP	i	100
Ū	WECC	CA-MX	AC	230	230			Big Creek CA	Rector CA	75										SCE	i	100
Ü		AZ-NM-SNV	AC	500	500			Four Corners NM	Red Mesa AZ	189										DPA	Ö	100
Ü		AZ-NM-SNV	AC	500	500	1905 MVA			Border City NV	0										SRP	Ť	100
Ü	WECC	CA-MX	AC	230	230			Springville CA	Rector CA	48										SCE	i	100
Ü	WECC	AZ-NM-SNV	AC	500	500			Maricopa AZ	Mesa AZ	87										SRP	i	100
Ü	WECC	NWUS	AC	230	230			Amer Falls ID	Eden ID	70										IPC	i	100
U	WECC																					
	WECC	NWUS	AC	345	345			Bluffdale UT	Mona UT	46 7		L								PAC		100
U		RMPA	AC	230	230			Denver Terminal CO	Arapahoe CO											PSC		100
U	WECC	CA-MX	AC	230	230			Madera CA	Fresno CA	45										PG&E	I	100
U	WECC	CA-MX	AC	230	230			San Diego CA	San Diego CA	28										SDGE		100
U	WECC	RMPA	AC	230	230		05 2008	Chambers CO	Spruce CO	8										PSC	1	100
U	WECC	RMPA	AC	230	230		05 2008	Chambers CO	Tower CO	8										PSC		100
U	WECC	AZ-NM-SNV	AC	230	230			Coachella Tap CA	Indio CA	5										IID	0	100
U	WECC	NWUS	AC	230	230	339 MVA			DRAM, ID	80										IPC		100
U	WECC	NWUS	AC	230	230			Midpoint, ID	DRAM, ID	-104										IPC	1	100
U	WECC	NWUS	AC	230	230			Midpoint, ID	King, ID	24										IPC	1	100
U	WECC	NWUS	AC	230	230			Mountain Home ID	Boise ID	36										IPC	1	100
U	WECC	RMPA	AC	230	230			Spruce CO	Tower CO	-8										PSC	1	100
U	WECC	RMPA	AC	345	345	1200 MVA			Waterton CO	82										PSC	1	100
U	WECC	RMPA	AC	345	345			Comanche CO	Daniels Park #1 CO	125										PSC		100
U	WECC	RMPA	AC	345	345	1200 MVA	05 2010	Comanche CO	Daniels Park #2 CO	125										PSC		100
U	WECC	RMPA	AC	230	230	506 MVA	05 2010	Comanche CO	Fuller CO	-78										PSC		100
U	WECC	RMPA	AC	230	230			Comanche CO	Midway CO	50	1									PSC	1	100
U	WECC	RMPA	AC	230	230	800 MVA	05 2010	Midway CO	Daniels Park #2 CO	-75										PSC	1	100
U	WECC	RMPA	AC	230	230			Midway CO	Fuller CO	30										PSC	1	100
Ü	WECC	NWUS	AC	230	230			Brownlee ID	Boise ID	-100										IPC	ı	100
Ü	WECC	NWUS	AC	230	230			Brownlee ID	Eagle ID	78										IPC	i	100
Ü	WECC	NWUS	AC	230	230		05 2012		Boise ID	14										IPC	i	100
Ü	WECC	NWUS	AC	230	230	394 MVA			Boise ID	22										IPC	i	100
Ü	WECC	NWUS	AC	230	230		05 2012	McNary, OR	Quartz, OR	125										IPC	i	100
ŭ	WECC	NWUS	AC	230	230			Ontario, OR	Middleton, ID	36	<b>—</b>	1								IPC	i	100
Ü	WECC	NWUS	AC	230	230			Quartz, OR	Ontario, OR	70							<del>                                     </del>			IPC	<del>- i</del>	100
Ü	WECC	NWUS	AC	500	500	3000 MVA			Midpoint, ID	80							<del>                                     </del>			IPC	<del>- i</del>	100
Ü	WECC	NWUS	AC	500	500			Jim Bridger, WY	Borah, ID	240							<del>                                     </del>			IPC	<del>- i</del>	100
Ü	WECC	NWUS	AC	500	500	3000 MVA			Burns, OR	145		1	-				<del>                                     </del>			IPC	<del>-                                    </del>	100
U	WECC	NWUS	AC	230	230	550 MVA			Happy Valley, ID	20		<del>                                     </del>								IPC	1	100
ü	WECC	NWUS	AC	230	230	550 MVA			Mora, ID	12	<del>                                     </del>				<b> </b>					IPC		100
		NWUS	AC	500	500	3000 MVA			Burns, OR	-260	<del>                                     </del>				<b> </b>					IPC		100
- 0	WECC								puillo, UN	-200	1	1			1		1 1					100
Ü	WECC	NWUS	AC	500	500	3000 MVA			Melba, ID	115		1								IPC		100

U		ECC NWUS	AC	500	500				Melba, ID	115								IPC	1	100
U	W	ECC NWUS	AC	345	345	1396 MVA	05 2010	Bluffdale UT	SLC UT	10								PAC		100
Ü		ECC NWUS	AC	345	345			Bluffdale UT	SLC UT	1								PAC		100
Ü		ECC RMPA	AC	230	230				Kelker CO	14								CSU	<u> </u>	100
U		ECC NWUS	AC	230	230	418 MVa	06 2006		Beaverton OR	5								PGE		100
U	W	ECC NWUS	AC	345	345	1396 MVA	06 2006	SLC UT	SLC UT	2								PAC	- 1	100
U	W	ECC NWUS	AC	345	345	1396 MVA	06 2006	SLCUT	SLC UT	2								PAC		100
Ü		ECC NWUS	AC	230	230			Covington WA	Berrydale WA	10								PSE	i	100
Ü		ECC AZ-NM-SN		230	230			Phoenix AZ	Phoenix AZ	14			<b>-</b>					APS		100
U	W	ECC CA-MX	AC	230	230			San Diego CA	San Diego CA	20								SDGE		100
U	W	ECC AZ-NM-SN	V AC	230	230	320 MVA	06 2007	Stirling Mountain NV	Northwest NV	41								VEA	M	100
U	W	ECC AZ-NM-SN	V AC	230	230	400 MVA	06 2007	West Loop NM	San Juan NM	14								FARM	М	100
Ü		ECC AZ-NM-SN		230	230			Diamond NV	Mead NV	44								VEA	M	100
Ü		ECC NWUS	AC	345	345	1396 MVA		Soda Springs ID	Soda Springs ID	1			<b>-</b>					PAC	IVI	100
U		ECC AZ-NM-SN		500	500	1500 MVA		Wintersburg AZ	Mobile AZ	51								SRP		100
U	W	ECC CA-MX	AC	230	230	1240 AMP	06 2009	Coachella CA	Thousand Palms CA	1								SCE	- 1	100
U	W	ECC CA-MX	AC	500	500	2700 AMP	06 2009	Harquahala Junction AZ	Devers CA	225								SCE		100
U	W	ECC CA-MX	AC	500	500	3950 AMP	06 2009	Lugo CA	Rancho Vista CA	23								SCE		100
Ū		ECC AZ-NM-SN		500	500	600 MV/A	06 2000	Palo Verde AZ	Phoenix AZ	45								APS	i	100
Ü																				
		ECC AZ-NM-SN		230	230	1200 MVA	06 2009	Peoria AZ	Pioneer AZ	9								APS		100
U		ECC CA-MX	AC	230	230			Rancho Vista CA	Etiwanda CA	1								SCE		100
U	W	ECC CA-MX	AC	230	230	3230 AMP	06 2009	Rancho Vista CA	Etiwanda CA	1								SCE	- 1	100
U	W	ECC CA-MX	AC	230	230	2480 AMP	06 2009	Rancho Vista CA	Mira Loma CA	7								SCE		100
Ü		ECC CA-MX	AC	230	230	3230 AMP		Rancho Vista CA	Mira Loma CA	7	1	1		1				SCE		100
Ü			AC	230	230		00 -000			15	+	1	<del>                                     </del>	1			-	SCE	- i	100
								Rancho Vista CA	Pauda CA		+	1		+						
U		ECC CA-MX	AC	500	500				Serrano CA	30	_	1		-				SCE		100
U		ECC AZ-NM-SN		230	230	1200 MVA	06 2009	West Phoenix AZ	West Phoenix AZ	15		1				,		APS		100
U	W	ECC NWUS	AC	525	500	3000 MVA	06 2010	Ely NV	Las Vegas NV	250				1				SPR	1	100
Ü	W	ECC CA-MX	AC	500	500			Imperial Valley CA	San Diego CA	100								SDGE		100
Ü		ECC AZ-NM-SN		230	230	810 M//	06 2010	Las Vegas NV	Las Vegas NV	5	1	1		1				NEVP	i	100
U				230	230	1200 MY/A	00 2010	Dhaniy A7		4	+	+		+				APS		
								Phoenix AZ	Phoenix AZ	-	4	1		1					!	100
U		ECC AZ-NM-SN		230	230			Phoenix AZ	Phoenix AZ	12	1	1		1				APS		100
U		ECC CA-MX	AC	230	230			San Diego CA	San Diego CA	40								SDGE		100
U	W	ECC CA-MX	AC	230	230	1000 MW	06 2010	San Diego CA	San Diego CA	40						i		SDGE	1	100
Ü		ECC CA-MX	AC.	230	230		06 2010		San Diego CA	15								SDGE	i	100
Ü		ECC AZ-NM-SN		500	500	197 WWA	00 2010	Table Mesa AZ	Phoenix AZ	26		-						APS		100
U		ECC AZ-NM-SN		500	500			Table Mesa AZ	Table Mesa AZ	1								APS		100
U	W	ECC AZ-NM-SN	V AC	230	230	1200 MVA	06 2010	West Phoenix AZ	West Phoenix AZ	15								APS	1	100
U	W	ECC AZ-NM-SN	V AC	230	230	833 MVA	06 2011	Casaande AZ	Mobile AZ	21								SRP		100
Ü		ECC AZ-NM-SN		500	500			Eleven Mile Corner, AZ		30								TEP	i	100
Ü		ECC AZ-NM-SN			230								<b>-</b>					NEVP		100
				230				Las Vegas NV	Las Vegas NV	16										
U	W	ECC AZ-NM-SN	V AC	230	230	810 MVA	06 2011	Las Vegas NV	Las Vegas NV	1								NEVP		100
U	W	ECC AZ-NM-SN	V AC	230	230	810 MVA	06 2011	Las Vegas NV	Las Vegas NV	16								NEVP	- 1	100
U	W	ECC AZ-NM-SN	V AC	230	230	810 MVA	06 2011	Las Vegas NV	Las Vegas NV	1								NEVP		100
Ū		ECC AZ-NM-SN		525	500	3000 MV/A	06 2011		Las Vegas NV	61								NEVP	i	100
Ü													<b>-</b>							
		ECC AZ-NM-SN		230	230		06 2011		Queen Creek AZ	12								SRP		100
U		ECC AZ-NM-SN		500	500		06 2011		Maricopa AZ	13								SRP		100
U	W	ECC CA-MX	AC	230	230	1240 AMP	06 2011	Palm Springs CA	Thousand Palms CA	15								SCE	- 1	100
U	W	ECC AZ-NM-SN	V AC	500	500	1200 MVA	06 2012	Northwest of Phoenix AZ	Peoria AZ	40								APS		100
Ū		ECC AZ-NM-SN		500	500	1200 MVA	06 2012	Wintersburg AZ	Yuma AZ	115								APS	i	100
Ü		ECC AZ-NM-SN		345	345				Ojo Tap East NM	71		-						PNM	<u> </u>	100
U		ECC NWUS	AC	230	230	418 MVA		Gresham OR	Troutdale OR	9								PGE		100
U		ECC AZ-NM-SN		230	230				Phoenix AZ	7		1				,		APS		100
U	W	ECC AZ-NM-SN	V AC	345	345	925 MVA	06 2015	Red Rock AZ	Vail AZ	60		1						TEP	1	100
Ü	W	ECC NWUS	AC	345	345			Cedar City UT	Cedar City UT	1								PAC		100
Ü		ECC AZ-NM-SN		230	230	810 M//	06 2010	Las Vegas NV	Las Vegas NV	18	1	1		1				NEVP	i	100
Ü		ECC AZ-NM-SN		230	230	810 MVA	06 2010	Las Vegas NV		18	+	1	<del>                                     </del>	1	1		-	NEVP		100
									Las Vegas NV		+	1		+						
U		ECC AZ-NM-SN		230	230	AVM UIS	Ub 2010	Las Vegas NV	Las Vegas NV	4	_	1		-				NEVP		100
U		ECC AZ-NM-SN		525	500				Las Vegas NV	8		1						NEVP	ı	100
U	W	ECC AZ-NM-SN	V AC	525	500	3000 MVA	06 2010	Las Vegas NV	Las Vegas NV	8		1				٦		NEVP	1	100
Ü		ECC AZ-NM-SN		230	230			Las Vegas NV	Las Vegas NV	1				1				NEVP		100
Ü		ECC AZ-NM-SN		230	230	1600 MVA	06 2014		Las Vegas NV	1	1	1		1				NEVP	i	100
U		ECC AZ-NM-SN									+	1	<del>                                     </del>	1			-			
U				230 525	230		06 2014		Las Vegas NV	8	+	1		+				NEVP		100
	***				500	3000 MVA	u6 2014		Las Vegas NV	1		1			1			NEVP	- 1	100
		ECC AZ-NM-SN								1										100
Ü		ECC AZ-NM-SN ECC AZ-NM-SN	V AC	525	500	3000 MVA	06 2014	Las vegas inv	Las Vegas NV									NEVP	1	
	W	ECC AZ-NM-SN	V AC		500 230	3000 MVA 810 MVA	06 2014	Las Vegas NV										NEVP NEVP	<u> </u>	100
U	W	ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN	V AC	525 230	230	810 MVA	06 2014 06 2015	Las Vegas NV	Las Vegas NV	16								NEVP	<u> </u>	100
U	W	ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN	V AC V AC V AC	525 230 230	230 230	810 MVA 810 MVA	06 2014 06 2015 06 2015	Las Vegas NV Las Vegas NV	Las Vegas NV Las Vegas NV	16 15								NEVP NEVP	1 1 1	100 100
U	W W W	ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC NWUS	V AC V AC V AC AC	525 230 230 345	230 230 345	810 MVA 810 MVA 1076 MW	06 2014 06 2015 06 2015 08 2008	Las Vegas NV Las Vegas NV Reno NV	Las Vegas NV Las Vegas NV Virginia City NV	16 15 20								NEVP NEVP SPR		100 100 100
U U U	W W W	/ECC AZ-NM-SN /ECC AZ-NM-SN /ECC AZ-NM-SN /ECC AZ-NM-SN /ECC NWUS /ECC NWUS	V AC V AC V AC AC AC	525 230 230 345 345	230 230 345 345	810 MVA 810 MVA 1076 MW 1076 MW	06 2014 06 2015 06 2015 08 2008 08 2013	Las Vegas NV Las Vegas NV Reno NV Virginia City NV	Las Vegas NV Las Vegas NV Virginia City NV Reno NV	16 15 20 15								NEVP NEVP SPR SPR	1 1	100 100 100 100
U U U U	W W W W	ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC NWUS ECC NWUS	V AC V AC V AC AC AC AC	525 230 230 345 345 230	230 230 345 345 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA	16 15 20 15 26								NEVP NEVP SPR SPR SPR WASN		100 100 100 100 100
U U U U U	W W W W	IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC NWUS IECC NWUS IECC CA-MX IECC RMPA	V AC V AC V AC AC AC AC AC	525 230 230 345 345 230 230	230 230 345 345 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO	16 15 20 15 26 30								NEVP NEVP SPR SPR WASN PRPA		100 100 100 100 100 100
U U U U	W W W W	ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC NWUS ECC NWUS	V AC V AC V AC AC AC AC	525 230 230 345 345 230	230 230 345 345 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA	16 15 20 15 26								NEVP NEVP SPR SPR SPR WASN		100 100 100 100 100
U U U U U	W W W W W	ECC	V AC V AC V AC AC AC AC AC	525 230 230 345 345 230 230 230	230 230 345 345 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 10 2008	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO Pumpkin Buttes WY	16 15 20 15 26 30 75								NEVP NEVP SPR SPR WASN PRPA		100 100 100 100 100 100
U U U U U U	W W W W W	IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC NWUS IECC NWUS IECC CA-MX IECC RMPA IECC RMPA IECC NWUS	V AC V AC V AC AC AC AC AC AC	525 230 230 345 345 230 230 230 230	230 230 345 345 230 230 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 10 2008 11 2007	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA	16 15 20 15 26 30 75 60								NEVP NEVP SPR SPR SPR WASN PRPA BHP		100 100 100 100 100 100 100 100
U U U U U U U	W W W W W W	FECC AZ-NM-SN FECC AZ-NM-SN FECC AZ-NM-SN FECC AZ-NM-SN FECC NWUS FECC NWUS FECC NWUS FECC CA-MX FECC RMPA FECC RMPA FECC NWUS FECC NWUS	V AC V AC V AC AC AC AC AC AC AC	525 230 230 345 345 230 230 230 230 230 230	230 230 345 345 230 230 230 230 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA 418 MVA	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 10 2008 11 2007 11 2008	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR	16 15 20 15 26 30 75 60 5								NEVP NEVP SPR SPR SPR WASN PRPA BHP AVA PGE	S	100 100 100 100 100 100 100 100 100 100
U U U U U U U U	W W W W W W	IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC NWUS IECC NWUS IECC NWUS IECC RMPA IECC RMPA IECC NWUS	V AC V AC V AC A	525 230 230 345 345 230 230 230 230 230 230 230	230 230 345 345 230 230 230 230 230 230 230 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA 418 MVA 1420 Amp	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 10 2008 11 2007 11 2008 11 2008	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR Olympia WA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shelton WA	16 15 20 15 26 30 75 60 5								NEVP NEVP SPR SPR WASN PRPA BHP AVA PGE BPA	S   1   1   1   F	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U	W W W W W W W	IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC NWUS IECC NWUS IECC RMPA IECC RMPA IECC NWUS	V AC V AC V AC AC AC AC AC AC AC	525 230 230 345 345 230 230 230 230 230 230 230 230 230 230	230 230 345 345 230 230 230 230 230 230 230 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA 418 MVA 1420 Amp	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 10 2008 11 2007 11 2008 11 2008 11 2008	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR Olympia WA Olympia WA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shelton WA Shelton WA Shelton WA	16 15 20 15 26 30 75 60 5 14								NEVP NEVP SPR SPR SPR WASN PRPA BHP AVA PGE BPA BPA	S	100 100 100 100 100 100 100 100 100 100
U U U U U U U U	W W W W W W W	IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC NWUS IECC NWUS IECC NWUS IECC RMPA IECC RMPA IECC NWUS	V AC V AC V AC A	525 230 230 345 345 230 230 230 230 230 230 230	230 230 345 345 230 230 230 230 230 230 230 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA 418 MVA 1420 Amp	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 10 2008 11 2007 11 2008 11 2008 11 2008	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR Olympia WA Olympia WA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shelton WA	16 15 20 15 26 30 75 60 5 14 34								NEVP NEVP SPR SPR WASN PRPA BHP AVA PGE BPA	S	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U	W W W W W W W W	IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC AZ-NM-SN IECC NWUS IECC NWUS IECC RMPA IECC RMPA IECC NWUS	V AC V AC V AC AC AC AC AC AC AC AC AC	525 230 230 345 345 230 230 230 230 230 230 230 230 230 230	230 230 345 345 230 230 230 230 230 230 230 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA 418 MVA 1420 Amp 1420 Amp	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 10 2008 11 2007 11 2008 11 2008 11 2008 11 2008	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR Olympia WA Olympia WA Devers II CA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shelton WA Shelton WA Shelton WA	16 15 20 15 26 30 75 60 5 14 34								NEVP NEVP SPR SPR SPR WASN PRPA BHP AVA PGE BPA BPA	S	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U	W W W W W W W W W	IECC   AZ-NM-SN     IECC   AZ-NM-SN     IECC   AZ-NM-SN     IECC   AZ-NM-SN     IECC   AZ-NM-SN     IECC   NWUS     IECC   NWUS     IECC   RMPA     IECC   RMPA     IECC   NWUS     IECC   NWUS     IECC   NWUS     IECC   NWUS     IECC   CA-MX     IECC   AZ-NM-SN     IECC   CA-MX     IECC   AZ-NM-SN     IECC   AZ-NM-SN     IECC   CA-MX     IECC   AZ-NM-SN     IECC   AZ-NM-	V AC V AC V AC AC AC AC AC AC AC AC AC AC	525 230 230 345 345 230 230 230 230 230 230 230 230 500	230 230 345 345 230 230 230 230 230 230 230 230 230 230	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA 418 MVA 1420 Amp 1420 AMW 1200 MW	06 2014 06 2015 08 2008 08 2013 09 2010 10 2008 11 2007 11 2008 11 2008 11 2010 11 2010	Las Vegas NV Las Vegas NV Reno NV Virignia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR Olympia WA Olympia WA Devers II CA Hesperia CA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elverta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shelton WA Shelton WA Devers CA Victorville CA	16 15 20 15 26 30 75 60 5 14 34 2								NEVP NEVP SPR SPR SPR WASN PRPA BHP AVA PGE BPA BPA LDWP LDWP	S	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U	W W W W W W W W W W	ECC	V AC V AC V AC A	525 230 230 345 345 230 230 230 230 230 230 230 500 500	230 230 345 345 230 230 230 230 230 230 230 230 500 500	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA 418 MVA 1420 Amp 1420 AW 1200 MW	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 11 2008 11 2008 11 2010 11 2010 11 2010	Las Vegas NV Las Vegas NV Reno NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR Olympia WA Olympia WA Devers II CA Hesperia CA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Etwerta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shetton WA Shetton WA Devers CA Victorville CA Devers CA	16 15 20 15 26 30 75 60 5 14 34 2 17 30								NEVP NEVP SPR SPR SPR SPR WASN PRPA BHP AVA PGE BPA BPA LDWP LDWP LDWP	S I I I I I I I I I I I I I I I I I I I	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U	W W W W W W W W W W W	ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC ECC NW-SN ECC NW-SN ECC NW-SN ECC RMPA ECC NW-SN ECC NW-SN ECC NW-SN ECC NW-SN ECC NW-SN ECC NW-SN ECC CA-MX ECC CA-MX ECC CA-MX ECC CA-MX	V AC V AC V AC V AC A	525 230 230 345 345 230 230 230 230 230 230 500 500 500	230 230 345 230 230 230 230 230 230 230 230 500 500	810 MVA 810 MVA 1076 MW 1076 MW 1200 MVA 378 MVA 460 MVA 797 MVA 1420 Amp 1420 Amp 1200 MW 1200 MW 1200 MW 2000 MW	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2008 11 2007 11 2008 11 2008 11 2010 11 2010 11 2010 11 2010	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Oonkey Creek WY Benewah ID Carver OR Olympia WA Olympia WA Devers II CA Hesperia CA Indian Hills CA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elwerta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shelton WA Devers CA Victorville CA Devers CA Upland CA	16 15 20 15 26 30 75 60 5 14 34 2 2 17 30								NEVP NEVP SPR SPR SPR WASN PRPA BHP AVA PGE BPA BPA LDWP LDWP LDWP LDWP	S I I I I I I I I I I I I I I I I I I I	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U U U U	W W W W W W W W W W W W	ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC NWUS ECC NWUS ECC NWUS ECC NWUS ECC NWS ECC CA-MX	V AC V AC	525 230 230 345 345 230 230 230 230 230 230 230 500 500 500 4/-500	230 230 345 345 230 230 230 230 230 230 230 500 500 500 +/- 500	810 MVA 810 MVA 810 MVA 1076 MW 1200 MVA 378 MVA 460 MVA 4797 MVA 418 MVA 1420 Amp 1200 MW 1200 MW 1200 MW 2000 MW 2400 MW	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 11 2008 11 2008 11 2008 11 2008 11 2010 11 2010 11 2010 11 2010 11 2010 11 2010 11 2010	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR Olympia WA Devers II CA Hesperia CA Indian Hills CA Indian Hills CA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elweta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shelton WA Devers CA Victorville CA Devers CA Upland CA Adelanto CA	16 15 20 15 26 30 75 60 5 14 4 34 2 17 30 100 488								NEVP NEVP SPR SPR SPR WASN PRPA BHP AVA PGE BPA LDWP LDWP LDWP LDWP LDWP LDWP LDWP	S I I I I I I I I I I I I I I I I I I I	100 100 100 100 100 100 100 100 100 100
U U U U U U U U U U U	W W W W W W W W W W W W	ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC AZ-NM-SN ECC ECC NW-SN ECC NW-SN ECC NW-SN ECC RMPA ECC NW-SN ECC NW-SN ECC NW-SN ECC NW-SN ECC NW-SN ECC NW-SN ECC CA-MX ECC CA-MX ECC CA-MX ECC CA-MX	V AC V AC V AC V AC A	525 230 230 345 345 230 230 230 230 230 230 500 500 500	230 230 345 345 230 230 230 230 230 230 230 500 500 500 +/- 500	810 MVA 810 MVA 810 MVA 1076 MW 1200 MVA 378 MVA 460 MVA 4797 MVA 418 MVA 1420 Amp 1200 MW 1200 MW 1200 MW 2000 MW 2400 MW	06 2014 06 2015 06 2015 08 2008 08 2013 09 2010 10 2006 11 2008 11 2008 11 2008 11 2008 11 2010 11 2010 11 2010 11 2010 11 2010 11 2010 11 2010	Las Vegas NV Las Vegas NV Reno NV Virginia City NV O'Banion CA Wellington CO Donkey Creek WY Benewah ID Carver OR Olympia WA Devers II CA Hesperia CA Indian Hills CA Indian Hills CA	Las Vegas NV Las Vegas NV Virginia City NV Reno NV Elwerta CA Fort Collins CO Pumpkin Buttes WY Shawnee WA Oregon City OR Shelton WA Devers CA Victorville CA Devers CA Upland CA	16 15 20 15 26 30 75 60 5 14 34 2 2 17 30								NEVP NEVP SPR SPR SPR WASN PRPA BHP AVA PGE BPA BPA LDWP LDWP LDWP LDWP	S I I I I I I I I I I I I I I I I I I I	100 100 100 100 100 100 100 100 100 100

U	WECC	NWUS	AC	230	230	402 MVA	11 2006	Meridian OR	Lone Pine OR	3										PAC	ı	100
U	WECC	RMPA	AC	230	230	460 MVA	12 2009	Hughes WY	Sheridan WY	105										BEPC	С	100
U	WECC	RMPA	AC	230	230	613 MVA		Walsenburg CO	San Luis Valley CO	80										TSGT		100
Ü	WECC	AZ-NM-SNV	AC	500	500	1200 MVA		Imperial Valley CA	San Felipe CA	38										IID	0	100
Ü	WECC	AZ-NM-SNV	AC	230	230	600		San Felipe CA	Bannister CA	23										IID	0	100
Ü	WECC	AZ-NM-SNV	AC	500	500	1200 MVA		San Felipe CA	Narrows CA	13										IID	ō	100
Ü	WECC	CA-MX	AC	230	230	1714 AMP		Santa Clara CA	Monterey CA	70										PG&E	Ť	100
Ü	WECC	CA-MX	AC	230	230	1714 AMP		Santa Clara CA	Santa Clara CA	27										PG&E		100
U	WECC	RMPA	AC	239	230	402 MVA			Ault CO	35										WACM	F	100
								Cheyenne WY														
U	WECC	RMPA	AC	239	230	402 MVA		Cheyenne WY	Miracle Mile WY	146										WACM	F	100
U	WECC	AZ-NM-SNV	AC	500	500	1500 MVA	12 2009	Coronado AZ	Silverking	0										SRP		100
U	WECC	AZ-NM-SNV	AC	230	230	550 MVA		El Centro El Centro CA	0	9										IID	0	100
U		AZ-NM-SNV		230	230	320 MVA		Vista NV	Pahrump NV	11										VEA	M	100
U	WECC	AZ-NM-SNV	AC	500	500	1300 MVA	12 2010	Red Mesa AZ	Moenkopi AZ	62										DPA	0	100
U	WECC	AZ-NM-SNV	AC	500	500	1300 MVA	12 2011	Moenkopi AZ	Marketplace NV	218										DPA	0	100
U	WECC	AZ-NM-SNV	AC	345	345	925 MVA	12 2014	Sahuarita AZ	Nogales AZ	60										TEP	- 1	100
U	WECC	AZ-NM-SNV	AC	345	345	925 MVA	12 2014	Sahuarita AZ	Nogales AZ	60										TEP		100
U		AZ-NM-SNV	AC	345	345	925 MVA	12 2015	Maricopa Az	Sahuarita AZ	178										TEP		100
Ü	WECC	AZ-NM-SNV		345	345	425 MVA		Red Rock AZ	Sahuarta AZ	68										TEP	i	100
Ü	WECC			500	500	1000 MVA		Red Rock AZ	Winchester AZ	80										TEP	i	100
ŭ	WECC	AZ-NM-SNV	AC	345	345	925 MVA		Springerville AZ	Greenlee AZ	110										TEP	i	100
Ü		AZ-NM-SNV	AC	345	345	925 MVA	12 2015		Sahuarita AZ	14										TEP		100
- ii										40										TEP		
Ü	WECC	AZ-NM-SNV RMPA	AC	345	345 345	581 MVA TBD		Winchester AZ	Vail AZ													100
			AC	230				Big Sandy CO	Beaver Creek CO	72										TSGT		100
U	WECC	RMPA	AC	230	230	TBD		Big Sandy CO	Elbert CO	26										TSGT		100
U	WECC	RMPA	AC	230	345	TBD	12 2012	Big Sandy CO	Green Valley CO	83										TSGT	!_	100
U	WECC	RMPA	AC	500	500	TBD		Boone CO	Midway CO	38										TSGT		100
U	WECC	RMPA	AC	500	500	TBD		Burlington CO	Big Sandy CO	79										TSGT	ı	100
U	WECC	RMPA	AC	500	500	TBD		Lamar CO	Big Sandy CO	116										TSGT		100
U	WECC	RMPA	AC	500	500	TBD	12 2012	Lamar CO	Boone CO	115							T			TSGT		100
U	WECC	RMPA	AC	230	230	TBD		Lamar CO	Lamar CO	37									Ш	TSGT	T	100
U	WECC	RMPA	AC	230	230	TBD		Lamar CO	Lamar CO	37						-			1	TSGT		100
U	WECC	RMPA	AC	500	500	TBD	12 2012	Rolling Hills KS	Burlington CO	163										TSGT	- 1	100
U	WECC	RMPA	AC	500	500	TBD	12 2012	Rolling Hills KS	Lamar CO	87										TSGT		100
Ü	WECC	RMPA	AC	230	230	800 MVA	3Q 2007	Logan CO	Pawnee CO	70										PSC	i	100
ŭ	WECC	RMPA	AC	230	230	414 MVA	4Q 2007	Grover CO	Keenesburg CO	72										PSC	i	100
м	WECC	Mexican	AC	230	230	388 MVA		Xochimilco MX	Mexicali MX	2	OH									CFE	Ė	100
M	WECC	Mexican	AC		230	388 MVA		Xochimilco MX	Wisteria MX	2	OH									CFE	F	100
M	WECC		AC	230		388 MVA		Mexicali MX												CFF	F	100
IVI		Mexican		230	230				Tecnologico MX	10	OH											
M	WECC	Mexican	AC	230	230	388 MVA		El Centenario MX	La Rosita MX	10	OH									CFE	F	100
M	WECC	Mexican	AC	230	230	388 MVA		El Centenario MX	Sanchez Taboada MX	10	OH									CFE	F	100
M	WECC	Mexican	AC	230	230	430 MVA		El Cañon MX	El Ciprés MX	52	OH									CFE	F	100
M	WECC	Mexican	AC	230	230	796 MVA		Metropoli Potencia MX		4	OH									CFE	F	100
M	WECC	Mexican	AC	230	230	430 MVA	10 2009	La Jovita MX	Presidente Juarz MX	38	OH									CFE	F	100
M	WECC	Mexican	AC	230	230	430 MVA	10 2009	La Jovita MX	El Ciprés MX	38	OH									CFE	F	100
M	WECC	Mexican	AC	230	230	430 MVA	10 2009	La Jovita MX	Lomas MX	38	ОН									CFE	F	100
M	WECC	Mexican	AC	230	230	388 MVA	10 2012	Ejido Michoacan de Oc	a Mexicali MX	30	OH									CFE	F	100
М	WECC	Mexican	AC	230	230	388 MVA		Ejido Michoacan de Oc		30	OH									CFE	F	100
М	WECC	Mexican	AC	230	230	388 MVA			a Sanchez Taboada MX	30	OH									CFE	F	100
M	WECC	Mexican	AC	230	230	430 MVA		La Jovita MX	La Herradura MX	50	OH									CFE	F	100
C	MRO	Canadian	AC	230	230	564.5	7-Apr-07		Wuskwatim	28	OH	т	S	954	ACSR	single	1	1		Manitoba Hydro Electric Board	0	100
č	MRO	Canadian	AC	230	230	564.5		Wuskwatim S.S.	Herblet Lake	85.2	OH	Ť	S	954	ACSR	single	1	1		Manitoba Hydro Electric Board	0	100
C	MRO	Canadian	AC	230	230	564.5		Wuskwatim S.S.	Herblet Lake	85.2	OH	÷	S	954	ACSR	single	1	1		Manitoba Hydro Electric Board	0	100
C	MRO	Canadian	AC	230	230	564.5	1-Mar-09	Wuskwatim S.S.	Wuskwatim G.S.	0.7	OH	÷	S	954	ACSR	single	1	- 1		Manitoba Hydro Electric Board	0	100
C	MRO				230					0.7	OH	Ť	S	954 954	ACSR		1	1			0	
		Canadian	AC	230		564.5		Wuskwatim S.S.	Wuskwatim G.S.			T				single	1	1		Manitoba Hydro Electric Board	0	100
С	MRO	Canadian	AC	230	230	564.5		Wuskwatim S.S.	Wuskwatim G.S.	0.7	OH		S	954	ACSR	single	1			Manitoba Hydro Electric Board		100
С	NPCC	Ontario	OH	230	200	625		Outaouais SS	Hawthorne TS	44	AC	-	_	4051	4000			2	400	Hydro One	0	100
C	NPCC	Québec	OH	230	230	497	Oct-07	Chute-Allard	Rapides-des-Cœurs	18.8	AC	1	S	1054	ACCR	1	1	1	-100	Hydro-Québec	<u>S</u>	100
С	NPCC	Québec	OH	230	230	497	Oct-07	Rapides-des-Cœurs	Rapide-Blanc	19.6	AC	ſ	S	1054	ACCR	1	1	1	-100	Hydro-Québec	S	100
С	NPCC	Maritimes	OH	345	345	1000	12-2007	Point Lepreau	NB/Maine Border	60	AC	Н	S	1192	ACSR	2	1	1		NB Power Transmission	S	100
С	NPCC	Ontario	UG	230		400	12-2007	John TS	Esplanade TS	1	AC									Hydro One	0	100
С	NPCC	Québec	OH	230	230	200	Dec-07	St-Ulric/St-Leandre	Line 23XX	3.8	AC	T	S	795	ACSR	1	1	1	-100	Hydro-Québec	S	100
С	NPCC	Québec	OH	230	230	231	Dec-08	Rimouski	Les Boules	34.4	AC	T	S	1033	ACSR	1	1	2	-100	Hydro-Québec	S	100
С	NPCC	Québec	OH	230	230	231	Dec-08	Les Boules	Matane	58.1	AC	Т	S	1033	ACSR	1	1	2	-100	Hydro-Québec	S	100
С	NPCC	Québec	OH	230	230	200	Dec-08	Rimouski	Matane	5.1	AC	Т	S	795	ACSR	1	1	2	-100	Hydro-Québec	S	100
C	NPCC	Québec	OH	230	230	400		Matane	Goemon	43.8	AC	T	S	795	ACSR	1	2	2	-100	Hydro-Québec	S	100
C	NPCC	Québec	OH	230	230	200	Dec-08	Carleton	Line 2398	7.5	AC	T	S	795	ACSR	1	1	1	-100	Hydro-Québec	S	100
c	NPCC	Ontario	OH	230	1	514	03-2009	Cardiff TS	Hurontario SS	5	AC							2		Hydro One	ō	100
č	NPCC	Ontario	UG	230		598		Hurontario SS	Jim Yarrow	4	AC									Hydro One	0	100
C	NPCC	Ontario	OH	230	1	335		Fssa	Stayner	34	AC							2		Hydro One	0	100
C	NPCC	Québec	OH	230	230	200		Les Mechins	Line 23YY	6.3	AC	т	S	705	ACSR	1	1	1	-100	Hydro-Québec	S	100
C	NPCC	Ontario	OH	230	230	562		Ingersoll	Woodstock	18	AC	- 1	3	1 33	AUUN	- '	- '	2	100	Hydro One	0	100
C					245							-	S	1251	ACCE	2	2		100		<u> </u>	
	NPCC	Québec	OH	315	315	3400	May-10	Chenier	Outaouais	70.6	AC	T		1354	ACSR		2	2	-100	Hydro-Québec	5	100
C	NPCC	Québec	OH	315	315	1635	Jul-10	Eastmain-1A	Eastmain-1	1.2	AC		S	1354	ACSR	1	2	1	-100	Hydro-Québec	<u>S</u>	100
С	NPCC	Québec	OH	315	315	1635	Jul-10	Sarcelle	Eastmain-1	68.8	AC	T	S	1354	ACSR	1	1	1	-100	Hydro-Québec	S	100
С	NPCC	Québec	OH	230	230	231	Dec-10	Goemon	Mont-Louis	46.3	AC	T	S	1033	ACSR	1	1	2	-100	Hydro-Québec	S	100
С	NPCC	Québec	OH	230	230	231	Dec-11	Goemon	Gros-Morne	55.6	AC	Т	S	1033	ACSR	1	1	2	-100	Hydro-Québec	S	100
С	NPCC	Ontario	OH	500		2600	12-2012	Bruce	Milton	220	AC							2		Hydro One	0	100
С	NPCC	Québec	ОН	315	735	3270		Romaine-2	Arnaud	162.9	AC	T	S	1354	ACSR	4	1	1	-100	Hydro-Québec	S	100
С	NPCC	Québec	ОН	315	315	1635	Dec-16	Romaine-1	Romaine-2	19.1	AC	T	S	1354	ACSR	1	1	1	-100	Hydro-Québec	S	100
				000		504	ha datamaia	Alleraharan TO	Middlenest TC	95	AC											400
C	NPCC	Ontario	OH	230		591		Allanburg TS	Middleport TS		AC						I.			Hydro One	0	100
	NPCC WECC	Ontario Canadian	AC	230	230	534 MVA		North Lethbridge AB	Canada - US Border	60	AC									Hydro One ALTA	0	100

С	WECC	Canadian	AC	240	240	00/744 MV 0	2 2007	Peigan AB	North Lethbridge AB	37				AESO	
С	WECC	Canadian	AC	240	240	50/702 MV 0	4 2010	Brintnell AB	Wesley Creek AB	145				AESO	
С	WECC	Canadian	AC	240		1000 AMP 0			Victoria	6				AESO	
С	WECC	Canadian	AC	240		00/744 MV 0			Goose Lake AB	20				AESO	
С	WECC	Canadian	AC	500	500	2600 MVA 1	0 2007	Genesee AB	Keephills AB	10				AESO	
С	WECC	Canadian	AC	500	500	2600 MVA 1			Ellerslie AB	20				AESO	
С	WECC	Canadian	AC	230	230				VIT BC	43				BCHA	
С	WECC	Canadian	AC	230	230	1000 Amp 1	0 2011	Cranbrook BC	Invermere BC	80				BCHA	
С	WECC	Canadian	AC	500	500	3000 Amp 1	0 2014	Nicola BC	Meridian BC	153				BCHA	
С	WECC	Canadian	AC	230	230	508 MVA 1	2 2009	V. Lake Terminal BC	R.G. Anderson BC	17				FBC	
С	WECC	Canadian	AC	230	230	508 MVA 1	2 2009	V. Lake Terminal BC (2n	R.G. Anderson BC	17				FBC	
С	WECC	Canadian	AC	230	230	508 MVA 1	2 2009	V. Lake Terminal BC	Bentley BC	7				FBC	
С	WECC	Canadian	AC	500	500	3000 MVA 1	2 2009	Genesee AB	Langdon AB	206				AESO	

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.

  Voltage Type: AC=Alternating Current; DC=Direct Current.

  Conductor Material Type: AL=Aluminum; ACCR=Aluminum Composite Conductor Reinforced; ACSR=Aluminum Core Stee 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.

- Country: Canada (C), Mexico (M), United States (U) and total (T) for all countries within a single region.
   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.
- nave 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. 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 for this data schedule.

Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-411, "Coordinated Bulk Power Supply Program Report."