

Table 6. Existing and Proposed High-voltage Transmission Line Additions Filed For Calendar Year 2004, by North American Electric Reliability Council, 2004 Through 2009

(Various)

Geographic Area			Voltage			Capacity Rating (MVA)	In-Service Date	Electrical Connection Locations		Line Information				Conductor Characteristics			Circuits		Company Information		
Country	NERC Region	NERC Sub-region	Type	Operating (kV)	Design (kV)			From Terminal	To Terminal	Length (Miles)	Type	Pole Type	Pole Material	Size (MCM)	Material	Bundling Arrangement	Present	Ultimate	Company Code	Organizational Type	Ownership (Percent)
U	ECAR		AC	230	230	0	6/20/2005	Ridgeville (new)	Damascus	6.9	OH		0			0	0	12796	I	0	
U	ECAR		AC	230	230	0	6/20/2005	Ridgeville (new)	Mt. Airy	3.5	OH		0			0	0	12796	I	0	
U	ECAR		AC	765	765	3975	6/20/2006	Wyoming	Jacksons Ferry	90	OH	T	S	795	ACSR	6	1	1	733	I	0
U	ECAR		AC	230	230	0	6/20/2006	Urbana (new)	Lime Kiln	4.5	OH		0			0	0	12796	I	0	
U	ECAR		AC	230	230	0	6/20/2006	Urbana (new)	Montgomery	7.8	OH		0			0	0	12796	I	0	
U	ECAR		AC	230	230	0	12/20/2006	Doubs	Lime Kiln	6.7	OH		0			0	0	12796	I	0	
U	ECAR		AC	230	230	0	12/20/2006	Frederick A	Monocacy	1.7	OH		0			0	0	12796	I	0	
U	ECAR		AC	230	230	0	12/20/2006	Lime Kiln	McCain	4.2	OH		0			0	0	12796	I	0	
U	ECAR		AC	230	230	0	12/20/2006	McCain	Frederick A	5.7	OH		0			0	0	12796	I	0	
U	ECAR		AC	345	345	0	5/20/2007	North Medina	Carlisle - Star	0.1	OH		0			0	0	13998	I	0	
U	ECAR		AC	345	345	1409	6/20/2007	Berrien Energy (new)	Cook - Benton Harbor	0.2	OH	T	S	954	ACSR	2	2	2	9324	I	0
U	ECAR		AC	345	345	1409	6/20/2007	Berrien Energy (new)	Cook - Palisades	0.2	OH	T	S	954	ACSR	2	2	2	9324	I	0
U	ECAR		AC	345	345	809	6/20/2007	Dequigne	Westwood	2.6	OH	T	S	954	ACSR	2	1	2	9324	I	0
U	ECAR		AC	345	345	1195	5/20/2008	JK Smith	Spurlock / Avon	17.5	OH			954	ACSR	2	1	1	5580	C	0
U	ECAR		AC	765	765	2430	6/20/2008	Lawrence County(new)	Hanging Rock	0.5	OH	T	ST	1351	ACSR	4	1	1	14006	I	0
U	ECAR		AC	345	345	0	12/20/2008	Arsenal	Cheswick	12	UG			0		0	0	5487	I	0	
U	ECAR		AC	345	345	0	12/20/2009	Millcreek	Hardin Co.	43	OH			0		0	0	11249	I	0	
U	ECAR		AC	345	345	0	12/20/2009	Trimble Co.	Ghent - Speed	6	OH			0		0	0	11249	I	0	
U	ECAR		AC	345	345	0	5/20/2010	Shalersville	Hanna- Juniper	0.1	OH			0		0	0	13998	I	0	
U	ERCOT		AC	345	345	0	5/20/2006	Venus	Liggett	30	OH			1.6	ACSR		0	0	19323	I	0
U	ERCOT		AC	345	345	0	5/20/2006	Venus	Sherry	7	OH			0.9	ACSS		0	0	19323	I	0
U	ERCOT		AC	345	345	0	5/20/2006	W Levee	Norwood	6	OH			1.6	ACSR		0	0	19323	I	0
U	ERCOT		AC	345	345	0	6/20/2006	Kendall	Cagnon	21	OH			1.6	ACSR		0	0	11269	S	0
U	ERCOT		AC	345	345	0	6/20/2006	Kendall	Cagnon	30	OH			1.6	ACSR		0	0	16604	M	0
U	ERCOT		AC	345	345	0	12/20/2006	Jacksboro Switch	W Denton	66	OH			1.6	ACSR		0	0	19323	I	0
U	ERCOT		AC	345	345	0	12/20/2006	Paris Switch	Anna	70	OH			1.6	ACSR		0	0	19323	I	0
U	ERCOT		AC	345	345	0	6/20/2007	Spruce	Skyline	21	OH			1.3	AA		0	0	16604	M	0
U	ERCOT		AC	345	345	0	12/20/2008	STP	Hillje	19	OH			0.8	ACSR		0	0	8901	I	0
U	ERCOT		AC	345	345	0	12/20/2008	WA Parish	Hillje	98	OH			1.6	ACSR		0	0	8901	I	0
U	ERCOT		AC	345	345	0	6/20/2009	Cagnon	Hill Country	20	OH			0.9	ACSR		0	0	16604	M	0
U	ERCOT		AC	345	345	0	6/20/2009	Hill Country	Skyline	11	OH			0.9	ACSR		0	0	16604	M	0
U	ERCOT		AC	345	345	0	5/20/2010	Hutto Switch	Salado	32	OH			1.6	ACSR		0	0	19323	I	0
U	ERCOT		AC	345	345	0	5/20/2010	Liggett	Trinity	13	OH			1.6	ACSR		0	0	19323	I	0
U	ERCOT		AC	345	345	0	6/20/2010	Zorn/Clear Springs	Hutto	71	OH			1.6	ACSR		0	0	19323	S	0
U	FRCC			230	0	759	5/20/2005	Dade	Overtown	0				0		0	0	6452		0	
U	FRCC			230	0	482	5/20/2005	Northside	Center Park	0				0		0	0	9617		0	
U	FRCC			230	0	668	5/20/2005	Westlake	Normandy	0				0		0	0	9617		0	
U	FRCC			230	0	668	5/20/2005	Westlake	SJRPP	0				0		0	0	9617		0	
U	FRCC			230	0	759	6/20/2005	Conservation	Oakland Park	0				0		0	0	6452		0	
U	FRCC			230	0	1067	6/20/2005	Whidden	Vandolah (PEF)	0				0		0	0	6452		0	
U	FRCC			230	0	1141	6/20/2005	Vandolah - PEF	Whidden - FPL	0				0		0	0	6455		0	
U	FRCC			230	0	759	12/20/2005	Collier	Orange River #3	0				0		0	0	6452		0	
U	FRCC			230	0	759	6/20/2006	Corbett	Germantown	0				0		0	0	6452		0	
U	FRCC			230	0	759	6/20/2006	Germantown	Yamato	0				0		0	0	6452		0	
U	FRCC			230	0	749	6/20/2006	Gannon	SR 60	0				0		0	0	18454		0	
U	FRCC			230	0	1141	10/20/2006	Lake Bryan	Windermere #1	0				0		0	0	6455		0	
U	FRCC			230	0	1141	10/20/2006	Lake Bryan	Windermere #2	0				0		0	0	6455		0	
U	FRCC			230	0	1141	5/20/2007	Hines Energy Complex	West Lake Wales #1	0				0		0	0	6455		0	
U	FRCC			230	0	759	6/20/2007	Indiantown	Riviera	0				0		0	0	6452		0	
U	FRCC			230	0	1348	6/20/2007	Pebbledale	English Creek	0				0		0	0	18454		0	
U	FRCC			230	0	1141	4/20/2008	Intercession City	Gifford	0				0		0	0	6455		0	
U	FRCC			230	0	1348	6/20/2008	English Creek	Hampton	0				0		0	0	18454		0	
U	FRCC			230	0	759	12/20/2008	St. Johns	Pringle	0				0		0	0	6452		0	
U	FRCC			230	0	1141	5/20/2009	Hines Energy Complex	West Lake Wales #2	0				0		0	0	6455		0	
U	FRCC			230	0	1013	6/20/2009	Davis	Wilderness	0				0		0	0	18454		0	
U	FRCC			230	0	1348	6/20/2009	Hampton	Wheeler	0				0		0	0	18454		0	
U	FRCC			230	0	1141	6/20/2010	Intercession City	West Lake Wales #1	0				0		0	0	6455		0	
U	FRCC			230	0	1141	6/20/2010	Intercession City	West Lake Wales #2	0				0		0	0	6455		0	
U	FRCC			230	0	1013	6/20/2010	Davis	Chapman	0				0		0	0	18454		0	
U	FRCC			230	0	1348	6/20/2011	Wheeler	Davis	0				0		0	0	18454		0	
U	MAAC		AC	230	230	650	7/20/2005	Cardiff	Oyster Creek	44	OH	P	S	1590	ACSR	1	1	2	-1003	I	0
U	MAAC		AC	230	230	750	6/20/2006	Milford	Indian River	47	OH	T	S	1590	ACSR	1	1	1	-1003	I	0
U	MAAC		AC	230	230	750	6/20/2006	Red Lion	Milford	43	OH	T	S	1590	ACSR	1	1	1	-1003	I	0
U	MAIN		AC	345	345	1195	3/20/2005	Paddock	Wisconsin - Illinois Border	4	OH	P	S	2156	ACSR	1	1	2	659	O	0
U	MAIN		AC	345	345	1328	4/20/2005	Fox Energy	Forest Junction	11	OH	P	S	2156	ACSR	1	1	1	659	O	0

U	MAIN		AC	345	345	1356	6/20/2005	Silver Lake	Pleasant Valley	6.9	OH	T	S	2156	ACSR		1	1	2	4110	I		0
U	MAIN		AC	345	345	1356	6/20/2005	Wempletown	Wisconsin - Illinois Borda	11.3	OH	T	S	2156	ACSR		1	1	2	4110	I		0
U	MAIN		AC	345	345	1361	6/20/2006	Columbia	North Madison	17	OH	P	S	2156	ACSR		1	1	1	659	O		0
U	MAIN		AC	345	345	1200	6/20/2006	Gardner Park	Stone Lake	140	OH	P	S	954	ACSR		2	1	1	659	O		0
U	MAIN		AC	345	345	1606	12/20/2006	Callaway	Franks	54	OH	H	W	954	ACSR		2	1	1	19436	I		0
U	MAIN		AC	345	345	1606	6/20/2007	Loose Creek	Jefferson City	13	OH	H	W	954	ACSR		2	1	1	19436	I		0
U	MAIN		AC	345	345	1200	6/20/2008	Arrowhead	MN border	12	OH	P	S	1272	ACSR		2	1	1	659	O		0
U	MAIN		AC	345	345	1200	6/20/2008	Stone Lake	MN border	68	OH	P	S	954	ACSR		2	1	1	659	O		0
U	MAIN		AC	345	345	0	6/20/2008	Rush Island	Baldwin	26	OH			0				0	0	19436	I		0
U	MAIN		AC	345	345	0	10/20/2008	Baldwin Power Plant Su	Prairie State PP Substati	7.5	OH			0				2	2	9208	I		0
U	MAIN		AC	345	345	0	10/20/2008	Baldwin Power Plant Su	Prairie State PP Substati	1.5	OH			0				2	2	9208	I		0
U	MAIN		AC	345	345	0	10/20/2008	Baldwin Power Plant Su	Rush Island Substation	26	OH			0				1	2	9208	I		9
U	MAIN		AC	345	345	0	10/20/2008	Prairie State PP Substa	Stallings Substation	7.5	OH			0				2	2	9208	I		0
U	MAIN		AC	345	345	0	10/20/2008	Prairie State PP Substa	W. Mount Vernon Substa	1.5	OH			0				2	2	9208	I		0
U	MAIN		AC	345	345	1328	6/20/2009	Gardner Park	Central Wisconsin	50	OH	P	S	2156	ACSR		1	1	1	659	O		0
U	MAIN		AC	345	345	1446	6/20/2009	Morgan	Werner West	47	OH	P	S	2156	ACSR		1	1	1	659	O		0
U	MAIN		AC	345	345	1328	6/20/2009	Rockdale	Concord	30	OH	P	S	2156	ACSR		1	1	2	659	O		0
U	MRO		AC	345	345	0	1/20/2005	Norwalk	Madison County	14.7	OH			0				0	0	12341	O		0
U	MRO		AC	345	345	0	1/20/2005	Norwalk	SE Polk	10.2	OH			0				0	0	12341	O		0
U	MRO		AC	345	345	0	9/20/2006	CBEC	Grimes - Grimes, IA	130	OH			0				0	0	12341	O		0
U	MRO		AC	345	345	0	10/20/2007	Split Rock	Lakefield Jct.	95	OH			0				0	0	13781	I		0
U	MRO		AC	345	345	1088	6/20/2008	NW 68th & Holdrege	128th & Adams	26.3	OH	P	S	0	ACSR		2	0	2	11018	M		0
U	MRO		AC	345	345	800	7/20/2008	Arrowhead	MN-WI State Line	12	OH	P	S	1272	ACSR		2	1	2	12647	I		0
U	MRO		AC	345	345	800	7/20/2008	Arrowhead, MN	Weston, WI	245	OH	P	S	1272	ACSR		2	0	0	12647	I		0.65
U	MRO		AC	345	345	1195	9/20/2008	Sub 3458	Southeast Lincoln	50	OH	P	S	795	ACSR		2	0	1	14127	S		0
U	NPCC	NY	AC	230	230	0	3/20/2006	Liberty (Linden, NJ)	Goethals	1	UG			0				1	1	22600	I		0
U	NPCC	NY	AC	345	345	0	3/20/2006	Bergen (New Station, NJ)	W. 49th Street	8	UG			0				2	2	34600	I		0
U	NPCC	NY	DC	250	250	0	3/20/2006	Saverville (New Station, NJ)	W. 49th Street	36	UG			0				1	1	999998	I		0
U	NPCC	NE	AC	345	345	520	6/20/2006	Stoughton S/S	Hyde Park S/S	11.2	UG	U	O	3000	CU		1	1	1	1998	I		0
U	NPCC	NE	AC	345	345	520	6/20/2006	Stoughton S/S	K Street S/S	15.4	UG	U	O	3000	CU		1	1	1	1998	I		0
U	NPCC	NE	AC	345	345	2038	12/20/2006	Plumtree S/S	Norwalk S/S	8.6	OH	P	O	2	ACSR		2	2	2	4176	I		0
U	NPCC	NE	AC	345	345	648	12/20/2006	Plumtree S/S	Norwalk S/S	2.1	UG	U	O	2	OT		2	1	1	4176	I		0
U	NPCC	NE	AC	345	345	632	12/20/2006	Plumtree S/S	Norwalk S/S	9.7	UG	U	O	2	OT		2	1	1	4176	I		0
U	NPCC	NE	AC	345	345	2154	12/20/2006	Wachusett S/S	314 Tap	0.05	OH	P	O	2	ACSR		2	1	1	13433	I		0
U	NPCC	NE	AC	345	345	2154	12/20/2006	Wachusett S/S	343 Tap	0.05	OH	P	O	2	ACSR		2	1	1	13433	I		0
U	NPCC	NE	AC	345	345	2700	12/20/2006	West Amesbury S/S	394 Tap	0.1	OH	P	O	2	ACSR		2	1	1	13433	I		0
U	NPCC	NE	AC	345	345	1491	12/20/2006	New Haven S/S	W. Rutland S/S	30.4	OH	P	O	2	ACSR		2	1	1	19899	I		0
U	NPCC	NY	AC	345	345	0	3/20/2007	Sprain Brook	Sherman Creek	10	UG			0				1	1	4226	I		0
U	NPCC	NY	AC	500	500	0	3/20/2007	Duffy Ave Converter Sta	PJM	65	UG			0				1	1	999998	I		0
U	NPCC	NE	AC	345	345	520	6/20/2007	Stoughton S/S	K Street S/S	15.4	UG	U	O	3000	CU		1	1	1	1998	I		0
U	NPCC	NE	AC	345	345	1100	12/20/2007	Orrington S/S	Maine/New Brunswick Bo	84	OH	P	O	2	ACSR		2	1	1	1181	I		0
U	NPCC	NE	AC	115	345	400	6/20/2008	Canal S/S	Oak St. S/S	19.4	OH	P	O	2	ACAR		2	1	1	4089	I		0
U	NPCC	NE	AC	345	345	0	6/20/2008	Wakefield Jct.	339 Tap	0.1	OH	P	O	0			0	0	0	13433	I		0
U	NPCC	NE	AC	345	345	2038	12/20/2009	Beseck S/S	East Devon	33.4	OH	P	O	2	ACSR		2	2	2	4176	I		0
U	NPCC	NE	AC	345	345	2038	12/20/2009	Black Pond Jct.	Beseck S/S	2.8	OH	P	O	2	ACSR		2	2	2	4176	I		0
U	NPCC	NE	AC	345	345	2038	12/20/2009	Black Pond Jct.	Beseck S/S	2.8	OH	P	O	2	ACSR		2	2	2	4176	I		0
U	NPCC	NE	AC	345	345	632	12/20/2009	East Devon S/S	Singer S/S	8.1	UG	U	O	2	OT		2	1	1	4176	I		0
U	NPCC	NE	AC	345	345	2038	12/20/2009	Oxbow Jct.	Beseck S/S	7	OH	P	O	2	ACSR		2	2	2	4176	I		0
U	NPCC	NE	AC	345	345	2038	12/20/2009	Scovill Rock S/S	Chestnut Jct.	2.6	OH	P	O	2	ACSR		2	2	2	4176	I		0
U	NPCC	NE	AC	345	345	632	12/20/2009	Singer S/S	Norwalk S/S	15.5	UG	U	O	2	OT		2	1	1	4176	I		0
U	NPCC	NE	AC	345	345	2038		Card S/S	Lake Rd. S/S	29.2	OH	P	O	2	ACSR		2	2	2	4176	I		0
U	NPCC	NE	AC	345	345	2038		Lake Rd. S/S	CT/RI Border	7.6	OH	P	O	2	ACSR		2	2	2	4176	I		0
U	NPCC	NE	AC	345	345	0		Scobie S/S	MA/NH Border	18.1	OH	P	O	0			0	0	0	4176	I		0
U	NPCC	NE	AC	345	345	0		Millbury S/S	W. Farnum S/S	31	OH	P	O	0			0	0	0	13433	I		0
U	NPCC	NE	AC	345	345	0		Tewksbury S/S	MA/NH Border	0	OH	P	O	0			0	0	0	13433	I		0
U	NPCC	NE	AC	345	345	0		W. Farnum S/S	CT/RI Border	8.4	OH	P	O	0			0	0	0	13433	I		0
U	NPCC	NE	AC	345	345	0		Deerfield S/S	391 Tap	0.1	OH	P	O	0			0	0	0	15472	I		0
U	NPCC	NE	AC	230	230	0		Granite S/S	Middlesex S/S	16	OH	P	O	0			0	0	0	19899	I		0
U	SERC	SOU	AC	230	230	602	5/20/2005	Snowdown	Madison Park	29	OH	O	O	1351	ACSR		1	1	1	195	I		0
U	SERC	VAC	AC	230	230	600	5/20/2005	Navy South	Navy North	2	UG	U	O	2500	CU		2	2	2	19876	I		0
U	SERC	ENT	AC	230	230	884	6/20/2005	China	Porter	63	OH	P	B	954	ACSR		2	2	2	-19	I		0
U	SERC	ENT	AC	230	230	640	6/20/2005	Conway	Panama	10	OH	P	S	1780	ACSR		1	1	1	-19	I		0
U	SERC	ENT	AC	230	230	521	6/20/2005	Rankin	South Jackson	18	OH	P	S	1272	ACSR		1	2	2	-19	I		0
U	SERC	SOU	AC	230	230	602	6/20/2005	Clermont Jct	South Hall	19	OH	H	S	1351	ACSR		1	1	1	7140	I		0
U	SERC	SOU	AC	230	230	602	6/20/2005	Davis Street	East Point	12	OH	P	S	1351	ACSR		1	1	1	7140	I		0
U	SERC	SOU	AC	230	230	628	6/20/2005	Dean Forest	Little Ogeechee	8	OH	P	C	959	OT		1	1	1	16687	I		0
U	SERC	VAC	AC	230	230	608	6/20/2005	Fentress	Shawboro	28	OH	P	S	636	ACSR		1	1	1	19876	I		0
U	SERC	VAC	AC	230	230	628	12/20/2005	Darlington County	Florence	32	OH	H	W	1590	ACSR		1	1	1	3046	I		0
U	SERC	VAC	AC	230	230	480	12/20/2005	Hopkins	Hopkins Tap	1	OH	P	S	1272	ACSR		1	1	1	17539	I		0
U	SERC	VAC	AC	230	230	956	1/20/2006	Dalzell	Camden	20	OH	P	S	1272	ACSR		2	1	1	17543	S		0
U	SERC	VAC	AC	230	230	797	2/20/2006	Landstown	West Landing	8	OH	P	S	477	ACSR		2	1	1	19876	I		0
U	SERC	ENT	AC	230	230	1042	6/20/2006	Ninemile	Waggaman	9	OH	T	B	1272	ACSR		2	2	2	-19	I		0
U	SERC	ENT	AC	230	230	1042	6/20/2006	Waggaman	Waterford	23	OH	T	B	1272	ACSR		2	2	2	-19	I		0
U	SERC	ENT	AC	230	230	521	6/20/2006	Yandel	Bozeman	4	OH	P	S	1272	ACSR		1	1	1	-19	I		0

U	SERC	SOU	AC	230	230	602	6/20/2006	Cedartown	Portland	15	OH	H	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2006	Mcgrau Ford	Blankets Creek	9	OH	P	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2006	Dresden	South Coweta	25	OH	P	W	1351	ACSR	1	1	1	7197	C	0
U	SERC	TVA	AC	500	500	926	6/20/2006	Cumberland Fossil Plant	Montgomery	36	OH	T	S	954	ACSR	1	1	1	18642	F	0
U	SERC	VAC	AC	230	230	846	6/20/2006	McGuire Switching Station	Lincoln Combustion Turb	-5	OH	T	S	795	ACSR	2	2	0	5416	I	0
U	SERC	VAC	AC	230	230	846	6/20/2006	Riverbend Steam Station	Lincoln Combustion Turb	11	OH	T	S	795	ACSR	2	0	2	5416	I	0
U	SERC	VAC	AC	230	230	846	6/20/2006	Riverbend Steam Station	McGuire Switching Station	-6	OH	T	S	795	ACSR	2	2	0	5416	I	0
U	SERC	VAC	AC	230	230	956	9/20/2006	Cross	Kingstree	35	OH	P	S	1272	ACSR	2	2	2	17543	S	0
U	SERC	VAC	AC	230	230	797	11/20/2006	Trabue	Winterpock	11	OH	T	S	636	ACSR	2	2	2	19876	I	0
U	SERC	ENT	AC	230	230	261	12/20/2006	Hammond	Amite	18	OH	H	S	1468	ACSR	1	1	1	-19	I	0
U	SERC	ENT	AC	500	500	2840	12/20/2006	Perryville	Sterlington	6	OH	T	S	954	ACSR	3	1	1	-19	I	0
U	SERC	VAC	AC	230	230	458	12/20/2006	Pacolet Tie	Tiger Tie	28	OH	T	S	954	ACSR	1	1	2	5416	I	0
U	SERC	VAC	AC	230	230	956	12/20/2006	Hemingway	Red Bluff	43	OH	P	S	1272	ACSR	2	1	1	17543	S	0
U	SERC	VAC	AC	230	230	800	4/20/2007	Pleasant View	Hamilton	12	OH	P	S	636	ACSR	2	1	1	19876	I	0
U	SERC	ENT	AC	230	230	640	5/20/2007	Panama	Dutch Bayou	26	OH	P	S	1780	ACSR	1	1	1	-19	I	0
U	SERC	VAC	AC	230	230	796	5/20/2007	Brambleton	Beaumead	11	OH	P	S	636	ACSR	2	1	2	19876	I	0
U	SERC	VAC	AC	230	230	600	5/20/2007	Craney Island	Tanners Point	7	SM	T	B	636	ACSR	2	2	2	19876	I	0
U	SERC	VAC	AC	500	500	2600	5/20/2007	Morrisville	Brister	9	OH	T	S	1033	ACSR	3	1	1	19876	I	0
U	SERC	ENT	AC	230	230	640	6/20/2007	Coly	Hammond	20	OH	P	S	1780	ACSR	1	1	1	-19	I	0
U	SERC	SOU	AC	230	230	664	6/20/2007	Cumming	Shoal Creek	10	OH	H	S	1622	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	500	500	3429	6/20/2007	Mcgrau Ford	Mostellar Springs	35	OH	T	S	1113	ACSR	3	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2007	Mcgrau Ford	Cumming	19	OH	H	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	417	6/20/2007	Fort Valley Tap	Fort Valley #1	8	OH	P	S	795	ACSR	1	0	2	13100	M	0
U	SERC	TVA	AC	230	230	530	6/20/2007	Center Point	Tilton	3	OH	T	S	1351	ACSR	1	2	2	18642	F	0
U	SERC	VAC	AC	230	230	628	6/20/2007	Clinton	Lee	26	OH	P	S	1590	ACSR	1	1	1	3046	I	0
U	SERC	VAC	AC	230	230	628	6/20/2007	Florence	Marion	26	OH	P	S	1590	ACSR	1	1	1	3046	I	0
U	SERC	VAC	AC	230	230	628	6/20/2007	Kinston DuPont	Greenville	30	OH	P	S	1590	ACSR	1	0	1	3046	I	0
U	SERC	VAC	AC	230	230	688	6/20/2007	Marion	Whiteville	43	OH	H	W	1590	ACSR	1	1	1	3046	I	0
U	SERC	VAC	AC	230	230	722	5/20/2008	Chickahominy	Lanexa	14	OH	T	S	721	AL	2	1	2	19876	I	0
U	SERC	VAC	AC	230	230	797	5/20/2008	Harrisonburg	Valley	11	OH	T	S	636	ACSR	2	1	2	19876	I	0
U	SERC	ENT	AC	500	500	2598	6/20/2008	Bogue Chitto	Bogalusa	12	OH	T	S	954	ACSR	3	1	1	-19	I	0
U	SERC	ENT	AC	500	500	2598	6/20/2008	Bogue Chitto	Franklin	12	OH	T	S	954	ACSR	3	1	1	-19	I	0
U	SERC	SOU	AC	230	230	509	6/20/2008	Kettle Creek	Homeland	26	OH	H	S	1033	ACSR	1	1	1	7197	C	0
U	SERC	VAC	AC	230	230	628	6/20/2008	Cape Fear	Siler City	30	OH	H	W	1590	ACSR	1	1	1	3046	I	0
U	SERC	VAC	AC	230	230	1256	6/20/2008	Durham	Falls	8	OH	H	S	1590	ACSR	2	0	1	3046	I	0
U	SERC	VAC	AC	230	230	956	1/20/2009	Cross	Aiken	88	OH	P	S	1272	ACSR	2	1	1	17543	S	0
U	SERC	VAC	AC	230	230	956	1/20/2009	Kingstree	Lake City	13	OH	P	S	1272	ACSR	2	1	1	17543	S	0
U	SERC	SOU	AC	230	230	866	5/20/2009	Yellowdirt	Hickory Level	21	OH	H	S	795	ACSR	2	2	2	7197	C	0
U	SERC	VAC	AC	230	230	515	5/20/2009	Clark	Idylwood	4	OH	P	S	1192	ACSR	1	2	2	19876	I	0
U	SERC	ENT	AC	230	230	884	6/20/2009	Cypress	Jacinto	31	OH	P	B	954	ACSR	2	2	2	-19	I	0
U	SERC	ENT	AC	230	230	884	6/20/2009	Jacinto	Lewis Creek	29	OH	P	B	954	ACSR	2	2	2	-19	I	0
U	SERC	SOU	AC	230	230	866	6/20/2009	Bio	Middlefork	30	OH	H	S	795	ACSR	2	1	1	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2009	Deshong	Ponce De Leon	15	OH	P	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2009	Eastville	Center	14	OH	H	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	VAC	AC	230	230	1256	6/20/2009	Rockingham	Wadesboro Bowman Sch	12	OH	H	S	1590	ACSR	1	0	1	3046	I	0
U	SERC	VAC	AC	230	230	956	6/20/2009	Winyah	Campfield	14	OH	P	S	1272	ACSR	2	1	1	17543	S	0
U	SERC	SOU	AC	230	230	485	10/20/2009	Prattville CT TS	County Line Road TS	1	OH	T	S	1351	ACSR	2	1	1	195	I	0
U	SERC	VAC	AC	230	230	797	11/20/2009	Chickahominy	Old Church	16	OH	T	S	636	ACSR	2	1	2	19876	I	0
U	SERC	ENT	AC	230	230	521	12/20/2009	Mabelvale	Little Rock South	11	OH	P	B	1272	ACSR	1	1	1	-19	I	0
U	SERC	VAC	AC	230	230	800	5/20/2010	Landstown	Yadkin	16	OH	T	S	636	ACSR	2	1	2	19876	I	0
U	SERC	ENT	AC	230	230	521	6/20/2010	Froscraft	Sterlington	29	OH	P	C	1272	ACSR	1	1	1	-19	I	0
U	SERC	ENT	AC	230	230	521	6/20/2010	Lakeover	Mannsdales	13	OH	P	S	1272	ACSR	1	2	2	-19	I	0
U	SERC	ENT	AC	230	230	521	6/20/2010	Rilla	Froscraft	8	OH	P	C	1272	ACSR	1	1	1	-19	I	0
U	SERC	ENT	AC	230	230	521	6/20/2010	Selman Field	Rilla	11	OH	P	B	1272	ACSR	1	1	1	-19	I	0
U	SERC	ENT	AC	230	230	521	6/20/2010	Sterlington	Selman Field	16	OH	P	B	1272	ACSR	1	1	1	-19	I	0
U	SERC	SOU	AC	230	230	596	6/20/2010	Dawson Crossing	South Dahlonge	20	OH	H	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	596	6/20/2010	Dum Jon	Thomson	20	OH	H	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2010	Hopewell	Mcgrau Ford	11	OH	H	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2010	Morrow	Murray Lake	2	OH	H	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	500	500	3464	6/20/2010	Thomson	Warthen	35	OH	T	S	1113	ACSR	3	1	1	7197	C	0
U	SERC	VAC	AC	230	230	956	1/20/2011	Kingstree	Hemingway	22	OH	P	S	1272	ACSR	2	2	2	17543	S	0
U	SERC	SOU	AC	230	230	602	5/20/2011	Kila	Necaise	9	OH	H	C	1351	ACSR	1	1	1	12686	I	0
U	SERC	SOU	AC	230	230	602	5/20/2011	Necaise	Picayune	13	OH	H	C	1351	ACSR	1	1	1	12686	I	0
U	SERC	ENT	AC	230	230	521	6/20/2011	Getwell	Twinkletown	13	OH	P	S	1272	ACSR	1	1	1	-19	I	0
U	SERC	ENT	AC	230	230	884	6/20/2011	Porter	Lewis Creek	28	OH	P	B	954	ACSR	2	2	2	-19	I	0
U	SERC	ENT	AC	230	230	521	6/20/2011	Winfield	Danville	21	OH	P	B	1272	ACSR	1	1	1	-19	I	0
U	SERC	SOU	AC	230	230	602	6/20/2011	Bessemer	Magella	8	OH	U	O	1351	ACSR	1	2	2	195	I	0
U	SERC	SOU	AC	230	230	602	6/20/2011	South Coweta	O Hara	20	OH	H	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	580	6/20/2011	Raccoon Creek	East Moultrie	28	OH	P	S	1351	ACSR	1	0	1	13100	M	0
U	SERC	SOU	AC	230	230	602	5/20/2012	Mitchell	Slappy Drive	13	OH	P	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	VAC	AC	230	230	800	5/20/2012	Landstown	Virginia Beach	11	OH	T	S	636	ACSR	2	2	2	19876	I	0
U	SERC	SOU	AC	230	230	602	6/20/2012	Klondike	Murray Lake	2	OH	H	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2012	Klondike	Stockbridge	12	OH	H	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2012	Parkaire	Roswell	5	OH	P	C	1351	ACSR	1	1	1	7140	I	0

U	SERC	SOU	AC	230	230	602	6/20/2012	Beulah	Hickory Level	15	OH	H	W	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2012	Beulah	Portland	26	OH	H	W	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2012	East Dallas	Mconnell Road	8	OH	H	W	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2012	Mconnell Road	Portland	25	OH	H	W	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2012	Villa Rica	East Dallas	14	OH	P	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	VAC	AC	500	500	2600	12/20/2012	Joshua Falls - AEP	Lady Smith	85	OH	T	S	1033	ACSR	3	1	1	19876	I	0
U	SERC	SOU	AC	230	230	602	6/20/2013	Bio	Center	31	OH	H	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2013	Hopewell	Brandywine	3	OH	P	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	ENT	AC	230	230	521	6/20/2014	Getwell	Batesville	42	OH	P	S	1272	ACSR	1	1	1	-19	I	0
U	SERC	SOU	AC	230	230	602	6/20/2014	Clermont Jct.	South Cleveland	17	OH	P	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2014	Eastville	Lpm Monroe	10	OH	P	S	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2014	Gordon	North Dublin	32	OH	H	W	1351	ACSR	1	1	1	7140	I	0
U	SERC	SOU	AC	230	230	602	6/20/2014	Eastville	East Social Circle	10	OH	H	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2014	Eastville	East Watkinsville	10	OH	H	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	SOU	AC	500	500	3464	6/20/2014	Eastville	Wallace Dam	55	OH	H	S	1113	ACSR	3	3	3	7197	C	0
U	SERC	SOU	AC	230	230	602	6/20/2014	LPM Monroe	Cornish Mountain	23	OH	H	S	1351	ACSR	1	1	1	7197	C	0
U	SERC	VAC	AC	230	230	956	6/20/2014	Flat Creek	Indian Creek	23	OH	P	S	1272	ACSR	2	1	1	17543	S	0
U	SPP		AC	345	345	896	6/20/2007	Chamber Springs	Tontitown	14	OH	P	C	795	ACSR	2	1	1	17698	I	0
U	SPP		AC	345	345	896	6/20/2011	Flint Creek	East Centertown	21	OH	P	C	795	ACSR	2	1	1	17698	I	0
U	WECC	NWP	AC	230	230	677	1/20/2005	Boise ID	Midpoint ID	-105	OH			0			0	9191			
U	WECC	NWP	AC	230	230	677	1/20/2005	Boise ID	Mountain Home ID	39	OH			0			0	9191			
U	WECC	NWP	AC	230	230	677	1/20/2005	Mountain Home ID	Midpoint ID	66	OH			0			0	9191			
U	WECC	NWP	AC	230	230	478	1/20/2005	Mountain Home ID	Mountain Home ID	4	OH			0			0	9191			
U	WECC	NWP	AC	345	345	1396	4/20/2005	Bluffdale UT	Mona UT	0	OH			0			0	14354			
U	WECC	CNV	AC	230	230	400	5/20/2005	Dublin CA	Livermore CA	8	OH			0			0	14328			
U	WECC	RMP	AC	230	230	495	5/20/2005	Denver Terminal CO	Arapahoe CO	7	OH			0			0	15466			
U	WECC	RMP	AC	230	345	800	5/20/2005	Midway CO	Daniels Park #1 CO	73	OH			0			0	15466			
U	WECC	RMP	AC	230	345	800	5/20/2005	Midway CO	Daniels Park #2 CO	73	OH			0			0	15466			
U	WECC	RMP	AC	230	230	374	5/20/2005	Midway CO	Daniels Park CO	-73	OH			0			0	15466			
U	WECC	CNV	AC	230	230	2894	9/20/2005	San Diego CA	San Diego CA	35	OH			0			0	16609			
U	WECC	RMP	AC	230	230	374	9/20/2005	Car Draw WY	Hartzog WY	43	OH			0			0	1307			
U	WECC	RMP	AC	230	230	374	9/20/2005	Teckla WY	Hartzog WY	28	OH			0			0	1307			
U	WECC	CNV	AC	230	230	796	10/20/2005	Escondido CA	Escondido CA	1	OH			0			0	16609			
U	WECC	NWP	AC	230	230	478	10/20/2005	Nampa ID	Nampa ID	3	OH			0			0	9191			
U	WECC	NWP	AC	345	345	1396	12/20/2005	Syracuse UT	Syracuse UT	2	OH			0			0	14354			
U	WECC	NWP	AC	230	230	480	12/20/2005	Beacon WA	Rathdrum WA	25	OH			0			0	20169			
U	WECC	AZN	AC	525	500	2787	3/20/2006	Las Vegas NV	Las Vegas NV	0	OH			0			0	13407			
U	WECC	CNV	AC	500	500	3950	4/20/2006	Lugo CA	Mira Loma CA	-30	OH			0			0	17609			
U	WECC	CNV	AC	500	500	3450	4/20/2006	Mira Loma CA	Serrano CA	-20	OH			0			0	17609			
U	WECC	NWP	AC	525	500	4560	4/20/2006	Ellensburg WA	Sunnyside WA	62	OH			0			0	1738			
U	WECC	NWP	AC	345	345	1396	5/20/2006	SLC UT	SLC UT	2	OH			0			0	14354			
U	WECC	NWP	AC	345	345	1396	5/20/2006	SLC UT	SLC UT	2	OH			0			0	14354			
U	WECC	AZN	AC	230	230	1200	6/20/2006	Phoenix AZ	Phoenix AZ	14	OH			0			0	803			
U	WECC	AZN	AC	230	230	640	6/20/2006	Diamond NV	Mead NV	44	OH			0			0	19840			
U	WECC	CNV	AC	230	230	420	6/20/2006	Redwood City CA	Daly City CA	27	OH			0			0	14328			
U	WECC	CNV	AC	230	230	796	6/20/2006	Miguel CA	Sycamore CA	28	OH			0			0	16609			
U	WECC	RMP	AC	230	230	319	9/20/2006	Nixon CO	Kelker CO	14	OH			0			0	3989			
U	WECC	NWP	AC	230	230	418	11/20/2006	Sherwood OR	Beaverton OR	5	OH			0			0	15248			
U	WECC	NWP	AC	230	230	534	12/20/2006	Great Falls	U. S Border	130	OH			0			0	12825			
U	WECC	NWP	AC	230	230	480	12/20/2006	Benewah ID	Shawnee WA	60	OH			0			0	20169			
U	WECC	AZN	AC	525	500	2787	1/20/2007	Harry Allen Sub NV	Mead Sub NV	50	OH			0			0	13407			
U	WECC	AZN	AC	230	230	320	3/20/2007	Stirling Mountain NV	Northwest NV	41	OH			0			0	19840			
U	WECC	AZN	AC	500	500	1200	4/20/2007	Mobile AZ	Maricopa AZ	13	OH			0			0	16572			
U	WECC	AZN	AC	500	500	1200	4/20/2007	Wintersburg AZ	Mobile AZ	51	OH			0			0	16572			
U	WECC	NWP	AC	230	230	550	5/20/2007	Amer Falls ID	Eden ID	70	OH			0			0	9191			
U	WECC	NWP	AC	345	345	1163	5/20/2007	Bluffdale UT	Mona UT	46	OH			0			0	14354			
U	WECC	RMP	AC	230	230	500	5/20/2007	Chambers CO	Spruce CO	8	OH			0			0	15466			
U	WECC	RMP	AC	230	230	500	5/20/2007	Chambers CO	Tower CO	8	OH			0			0	15466			
U	WECC	AZN	AC	500	500	600	6/20/2007	Palo Verde AZ	Phoenix AZ	45	OH			0			0	803			
U	WECC	AZN	AC	230	230	1200	6/20/2007	West Phoenix AZ	West Phoenix AZ	20	OH			0			0	803			
U	WECC	AZN	AC	230	230	400	6/20/2007	West Loop NM	San Juan NM	14	OH			0			0	6205			
U	WECC	AZN	AC	345	345	672	6/20/2007	Mobile AZ	Mobile AZ	1	OH			0			0	24211			
U	WECC	CNV	AC	230	230	796	6/20/2007	Miguel CA	Old Town CA	20	OH			0			0	16609			
U	WECC	CNV	AC	230	230	1176	6/20/2007	Miguel CA	Otay Mesa CA	10	OH			0			0	16609			
U	WECC	NWP	AC	230	230	480	6/20/2007	Covington WA	Berrydale WA	10	OH			0			0	15500			
U	WECC	NWP	AC	230	230	1420	10/20/2007	Olympia WA	Shelton WA	14	OH			0			0	1738			
U	WECC	AZN	AC	345	345	900	12/20/2007	Sahuarita AZ	Nogales AZ	60	OH			0			0	24211			
U	WECC	AZN	AC	345	345	900	12/20/2007	Sahuarita AZ	Nogales AZ	60	OH			0			0	24211			
U	WECC	AZN	AC	230	230	647	12/20/2007	Gladstone NM	Walsenburg CO	113	OH			0			0	30151			
U	WECC	CNV	AC	230	500	3950	12/20/2007	Antelope CA	Pardee CA	26	OH			0			0	17609			
U	WECC	AZN	AC	230	230	800	4/20/2008	Mesa AZ	Queen Creek AZ	12	OH			0			0	16572			
U	WECC	AZN	AC	230	230	150	5/20/2008	Coachella Tap CA	Indio CA	5	OH			0			0	9216			
U	WECC	AZN	AC	230	230	1200	6/20/2008	Peoria AZ	Pioneer AZ	9	OH			0			0	803			
U	WECC	AZN	AC	230	230	1200	6/20/2008	West Phoenix AZ	West Phoenix AZ	15	OH			0			0	803			

U	WECC	NWP	AC	345	345	1396	6/20/2008	Soda Springs ID	Soda Springs ID	1	OH			0			0	0	14354		
U	WECC	NWP	AC	345	345	1076	8/20/2008	Reno NV	Virginia City NV	20	OH			0			0	0	17166		
U	WECC	CNV	AC	230	230	1240	12/20/2008	Big Creek CA	Rector CA	66	OH			0			0	0	17609		
U	WECC	CNV	AC	230	230	1240	12/20/2008	Big Creek CA	Springville CA	-77	OH			0			0	0	17609		
U	WECC	CNV	AC	230	230	1240	12/20/2008	Springville CA	Rector CA	51	OH			0			0	0	17609		
U	WECC	RMP	AC	230	230	374	12/20/2008	Hughes WY	Sheridan WY	105	OH			0			0	0	1307		
U	WECC	AZN	AC	500	500	1300	4/20/2009	Four Corners NM	Red Mesa AZ	189	OH			0			0	0	13314		
U	WECC	AZN	AC	230	230	1200	6/20/2009	Phoenix AZ	Phoenix AZ	16	OH			0			0	0	803		
U	WECC	AZN	AC	230	230	1200	6/20/2009	Phoenix AZ	Phoenix AZ	16	OH			0			0	0	803		
U	WECC	CNV	AC	500	500	2700	6/20/2009	Harquahala AZ	Devers CA	230	OH			0			0	0	17609		
U	WECC	CNV	AC	500	500	3950	6/20/2009	Mira Loma CA	Serrano CA	23	OH			0			0	0	17609		
U	WECC	CNV	AC	500	500	3950	6/20/2009	Rancho Vista CA	Serrano CA	30	OH			0			0	0	17609		
U	WECC	CNV	AC	230	230	3230	6/20/2009	Rancho Vista CA	Serrano CA	1	OH			0			0	0	17609		
U	WECC	CNV	AC	230	230	3230	6/20/2009	Rancho Vista CA	Serrano CA	1	OH			0			0	0	17609		
U	WECC	CNV	AC	230	230	2480	6/20/2009	Rancho Vista CA	Serrano CA	15	OH			0			0	0	17609		
U	WECC	CNV	AC	230	230	2480	6/20/2009	Rancho Vista CA	Serrano CA	15	OH			0			0	0	17609		
U	WECC	CNV	AC	230	230	2480	6/20/2009	Rancho Vista CA	Serrano CA	7	OH			0			0	0	17609		
U	WECC	CNV	AC	230	230	2480	6/20/2009	Rancho Vista CA	Serrano CA	7	OH			0			0	0	17609		
U	WECC	NWP	AC	345	345	1396	6/20/2009	Bluffdale UT	SLC UT	10	OH			0			0	0	14354		
U	WECC	NWP	AC	345	345	1396	6/20/2009	Bluffdale UT	SLC UT	1	OH			0			0	0	14354		
U	WECC	NWP	AC	230	230	418	11/20/2009	Carver OR	Oregon City OR	5	OH			0			0	0	15248		
U	WECC	AZN	AC	230	230	320	12/20/2009	Vista NV	Pahrump NV	11	OH			0			0	0	19840		
U	WECC	RMP	AC	230	230	402	12/20/2009	Cheyenne WY	Ault CO	40	OH			0			0	0	27000		
U	WECC	RMP	AC	230	230	402	12/20/2009	Cheyenne WY	Miracle Mile WY	140	OH			0			0	0	27000		
U	WECC	RMP	AC	230	230	613	12/20/2009	Walsenburg CO	San Luis Valley CO	80	OH			0			0	0	30151		
U	WECC	AZN	AC	525	500	2787	3/20/2010	Las Vegas NV	Las Vegas NV	8	OH			0			0	0	13407		
U	WECC	AZN	AC	525	500	2787	3/20/2010	Las Vegas NV	Las Vegas NV	8	OH			0			0	0	13407		
U	WECC	AZN	AC	230	230	1200	3/20/2010	Las Vegas NV	Las Vegas NV	18	OH			0			0	0	13407		
U	WECC	AZN	AC	230	230	1200	3/20/2010	Las Vegas NV	Las Vegas NV	18	OH			0			0	0	13407		
U	WECC	AZN	AC	230	230	1200	3/20/2010	Las Vegas NV	Las Vegas NV	1	OH			0			0	0	13407		
U	WECC	AZN	AC	230	230	1200	3/20/2010	Las Vegas NV	Las Vegas NV	1	OH			0			0	0	13407		
U	WECC	NWP	AC	230	230	394	5/20/2010	Brownlee ID	Boise ID	-100	OH			0			0	0	9191		
U	WECC	NWP	AC	230	230	394	5/20/2010	Brownlee ID	Eagle ID	78	OH			0			0	0	9191		
U	WECC	NWP	AC	230	230	550	5/20/2010	Eagle ID	Boise ID	14	OH			0			0	0	9191		
U	WECC	NWP	AC	230	230	394	5/20/2010	Eagle ID	Boise ID	22	OH			0			0	0	9191		
U	WECC	AZN	AC	500	500	1200	6/20/2010	Northwest of Phoenix AZ	Peoria AZ	40	OH			0			0	0	803		
U	WECC	AZN	AC	230	230	1200	6/20/2010	Phoenix AZ	Phoenix AZ	7	OH			0			0	0	803		
U	WECC	AZN	AC	500	500	2728	6/20/2010	Table Mesa AZ	Table Mesa AZ	0	OH			0			0	0	803		
U	WECC	CNV	AC	230	230	1000	9/20/2010	O'Banion CA	Elverta CA	26	OH			0			0	0	27000		
U	WECC	AZN	AC	500	500	1300	12/20/2010	Red Mesa AZ	Moenkopi AZ	62	OH			0			0	0	13314		
U	WECC	AZN	AC	500	500	1200	4/20/2011	Manicopa AZ	Mesa AZ	87	OH			0			0	0	16572		
U	WECC	NWP	AC	345	345	1396	6/20/2011	Bluffdale UT	SLC UT	1	OH			0			0	0	14354		
U	WECC	NWP	AC	345	345	1396	6/20/2011	Mona UT	SLC UT	57	OH			0			0	0	14354		
U	WECC	NWP	AC	230	230	418	11/20/2011	Gresham OR	Troutdale OR	9	OH			0			0	0	15248		
U	WECC	AZN	AC	500	500	1300	12/20/2011	Moenkopi AZ	Marketplace NV	218	OH			0			0	0	13314		
U	WECC	AZN	AC	525	500	2787	4/20/2012	Las Vegas NV	Las Vegas NV	61	OH			0			0	0	13407		
U	WECC	AZN	AC	500	500	1200	6/20/2012	Palo Verde AZ	Yuma AZ	115	OH			0			0	0	803		
U	WECC	AZN	AC	500	500	1000	6/20/2012	Mobile AZ	Red Rock AZ	60	OH			0			0	0	24211		
U	WECC	AZN	AC	345	345	1195	6/20/2013	San Juan NM	West Mesa NM	125	OH			0			0	0	15473		
U	WECC	NWP	AC	345	345	1076	8/20/2013	Virginia City NV	Reno NV	15	OH			0			0	0	17166		
U	WECC	NWP	AC	500	500	1200	12/20/2013	Ely NV	Las Vegas NV	240	OH			0			0	0	9191		
U	WECC	NWP	AC	500	500	1200	12/20/2013	Shoshone ID	Wells NV	130	OH			0			0	0	9191		
U	WECC	NWP	AC	500	500	1200	12/20/2013	Wells NV	Ely NV	150	OH			0			0	0	9191		
U	WECC	AZN	AC	345	345	925	12/20/2014	Maricopa Az	Sahuarita AZ	178	OH			0			0	0	24211		
U	WECC	AZN	AC	345	345	425	12/20/2014	Red Rock AZ	Sahuarita AZ	68	OH			0			0	0	24211		
U	WECC	AZN	AC	500	500	1000	12/20/2014	Red Rock AZ	Wincheser AZ	80	OH			0			0	0	24211		
U	WECC	AZN	AC	345	345	925	12/20/2014	Springerville AZ	Greenlee AZ	110	OH			0			0	0	24211		
U	WECC	AZN	AC	345	345	925	12/20/2014	Vail AZ	Sahuarita AZ	14	OH			0			0	0	24211		
U	WECC	AZN	AC	345	345	581	12/20/2014	Wincheser AZ	Vail AZ	40	OH			0			0	0	24211		
U	WECC	NWP	AC	525	500	4500	9/20/2016	Chief Joseph sub WA	Monroe WA	122	OH			0			0	0	1738		

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

• Information identified for reliability purposes by NERC.

• **Line Type:** OH=Overhead; UG=Underground; SM=Submarine.

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

• **Conductor Material Type:** AL=Aluminum; ACCR=Aluminum Composite Conductor Reinforced; ACSR=Aluminum Core Steel Reinforced; CU=Copper; OT=Other.

• **Bundling Arrangement:** 1=Single; 2=Double; 3=Triple; 4=Quadruple; OT=Other.

• **Pole Material:** W=Wood; C=Concrete; S=Steel; B=Combination; P=Composite; O=Other.

• **Pole Type:** P=Single pole; H=H-frame; T=tower; U=Underground; O=Other.

• **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).

• 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."