Form EIA-411 for 2005 Released: February 07, 2008

Next Update: October 2008
Table 6. Existing and Proposed High-voltage Transmission Line Additions Filed in Calendar Year 2002, by North American Electric Reliability Council, 2003 Through 20012

(Va	

(Various)		Aroa		Voltage			Caracity In Electrical Connection Locations					Line Information				actorictics	C:	cuits	Company Information		
- 6	eographic				_	Capacity	In-	Electrical Conn	CULION LUCALIUMS	_	Line into		_		uctor Char	acteristics	CIFC	Juito			
Country	_	NERC Sub-region	Туре	Operating (kV)	Design (kV)	Rating (MVa)	Service Date	From Terminal	To Terminal	Length (Miles)	Туре	Pole Type	Pole Material	Size (MCM)	Material	Bundling Arrangement	Present	Ultimate	Company Code	Organizational Type	Ownership (Percent)
U	ECAR		AC	230	230	0	May-03	Old Farm	Monocacy - Ringgold	1	011	_		0	4000		0	0	550		100
U	ECAR ECAR		AC AC	765 230	765 230	1500	Jun-03	Cornu (new) Lime Kiln	Hanging Rock MDM Tap	1	OH		S	1351		4	0	0	488 550		100 100
Ü	ECAR		AC	500	500	0	Jun-03 Jun-03	Ronco	Fort Martin-Hatfield	0.2	,			0			0	0	550		100
Ü	ECAR		AC	345	345	2904	Sep-03	Lawrenceburg (new)	Tanners Creek (2 ckt	0.5		Т	S	954		2	2	2	488		100
U	ECAR		AC	230	230	0	Nov-03	Boonsboro	Doubs - Ringgold	3.3	3			0			0	0	550		100
U	ECAR		AC	230	230	0	Dec-03	Dale Summit	Milesburg - Shinglet	0)			0			0	0	550		100
U	ECAR		AC	345	345	1452		Hiple	Collingwood	0	OH	T	S	954		2	2	2	13756		100
U	ECAR ECAR		AC AC	345 345	345 345	1452	Dec-03 Jan-04	Hiple Norton Energy Storag	East Elkhart Star	0	OH		S	954		2	0	0	13756 6526		100 100
Ü	ECAR		AC	230	230	0	May-04	Jewell	Spokane	0				0			0	0	5109		100
Ü	ECAR		AC	765	765	4174	Jun-04	Foster Falls (new)	Jacksons Ferry	0.5	OH	Т	S	954	ACSR	4	1	1	488		100
U	ECAR		AC	345	345	1002	Jun-04	South Berwick (new)	Fostoria Central - G	0	OH	Т	S	954	ACSR	2	1	1	488		100
U	ECAR		AC	230	230	0	Jun-04	Urbana	MDM Tap - Montgomery	4				0			0	0	550		100
U	ECAR		AC	345	345	0	Jun-04	Gaines	Vergennes - Roosevel	0.1				0			0	0	4254		100
U	ECAR ECAR		AC AC	345 345	345 345	1452	Dec-04 Feb-05	Spurlock Berrien Energy(new)	Stuart / Zimmer Cook - Benton Harbor	0.2	OH	т	S	954		2	2	2	5580 488	-	100 100
U	ECAR		AC	345	345	1452	Feb-05	Berrien Energy(new)	Cook - Palisades	0.2		Ť	S	954		2	2	2	488		100
Ü	ECAR		AC	345	345	1452	Jun-05	Barron Lake (new)	Cook - East Elkhart	0.2	OH	Ť	S	954		2	2	2	488		100
Ü	ECAR		AC	345	345	1452	Jun-05	Barron Lake (new)	Cook - Kenzie Creek	0	OH	T	S	954	ACSR	2	2	2	488		100
U	ECAR		AC	765	765	2430	Jun-05		Hanging Rock	0.5		Т	S	1351	ACSR	4	1	1	488		100
U	ECAR		AC	230	230	1016	Jun-05	Mount Zion (new)	E Danville-Rxbro 1	0.5		T	S	1590		1	2	2	488		100
U	ECAR ECAR		AC AC	230 345	230 345	1016 999		Mount Zion (new)	E Danville-Rxbro 2	0.5		T	S	1590 954		2	1	2	488 488		100 100
U	ECAR		AC	345	345	1452		South Shore (new) Terre Coupee (new)	Cook Dumont - Olive	1.7 0.2		+	S	954		2	2	2	488		100
U	ECAR		AC	230	230	1432	Jun-05	Elko	Carbon Center	5.7		-	3	0	ACGIN		0	0	550		100
Ü	ECAR		AC	230	230	0	Jun-05	Ridgeville	Mt. Airy - Damascus	2	2			0			0	0	550		100
U	ECAR		AC	345	345	0	Jun-05	Knox	Amo - Wheatland	0)			0			0	0	15470		100
U	ECAR		AC	345	345	0	Jun-05	Lawrence County	Bedford - Columbus	0	'			0			0	0	15470		100
U	ECAR		AC	345	345	0	Jun-05	Lawrence County	Bedford - Lost River	0)			0			0	0	15470		100
U	ECAR ECAR		AC AC	345 345	345 345	1000	Jun-05 Dec-05	Pike Lima Energy (new)	Petersburg - Lost Ri Southwest Lima	4.5	OH	D	S	1414		1	0	2	15470		100 100
Ü	ECAR		AC	765	765	3975	Jun-06	Wyoming	Jacksons Ferry	90		P	S	795		6	1	1	488		100
Ü	ECAR		AC	230	230	00.0	Jun-06	South Frederick	Lime Kiln - Monocacy	0.2		·	Ť	0	710011	Ĭ	0	0	550		100
U	ERCOT		AC	345	345	1515	May-03	Red Creek	Comanche	107				0	710011		0	0	20404		63.6
U	ERCOT		AC	345	345	1515	Jun-03	Morgan Creek	Twin Buttes	65				0	ACSR		0	0	20404	l I	100
U	ERCOT		AC AC	345	345	1631	Jun-03	Forney Mustana Casali	Centerville	14.9	OH			0			0	0	44372		100
U	ERCOT		AC	345 345	345 345	1631 1515	Jun-03 Jun-03	Mustang Creek Watermill	Tractebel plant Cedar Hill	17.7	OH			0			0	0	44372 44372		100 100
Ü	ERCOT		AC	345	345	1631	Jun-03	Watermill	Tricorner	11.4				0			0	0	44372	 	100
Ü	ERCOT		AC	345	345	1631	Jun-03	Watermill	West Levee	17.7				0			0	0	44372	i	100
U	ERCOT		AC	345	345	1010	Jun-04	Cedar Hill	Harris Branch	13.8	OH			0	ACSR		0	0	1015	M	100
U	ERCOT		AC	345	345	1631	Jun-04	West Levee	Norwood	7.2				0			0	0	44372		100
U	ERCOT		AC	345	345	1631	May-05	Venus	Liggett	27.9	OH			0			0	0	44372	!!	100
U	ERCOT ERCOT		AC AC	345 345	345 345	1631 1100	Jun-05 Jun-06	Paris Cagnon	Anna Kenall	70 45			 	0	ACSR ACSR		0	0	44372 16604	M	100 100
U	ERCOT		AC	345	345	1515	Jun-06	Twin Buttes	Red Creek	35			1	0			0	0	20404	I	100
Ü	ERCOT		AC	345	345	1011	Jun-07	Bates	South McAllen	12.2	OH			0	ACSR		0	0	3278	i	100
Ü	ERCOT		AC	345	345	905	Jun-07	Loma Alta	Ranch	25				0	ACSR		0	0	3278		100
U	ERCOT		AC	345	345	1011	Jun-07	N Edinburg	Bates	22.3	OH			0			0	0	3278		100
U	ERCOT ERCOT		AC AC	345	345 345	1011 1630	Jun-07	Rio Hondo	Loma Alta	25 56		-	 	0	ACSR		0	0	3278 11269	C	100 100
U	ERCOT		AC	345 345	345	1630	Jun-07 Jun-07	Harris Hutto	Clear Springs Harris	56 46			-	0	ACSR ACSR	-	0	0	11269	C	100
U	ERCOT		AC	345	345	1630	Jun-07	Hutto	San Gabriel	25			 	0			0	0	11269	C	100
Ü	ERCOT		AC	345	345	1630	Jun-07	San Gabriel	Zorn	74				0			0	0	11270	C	100
U	ERCOT		AC	345	345	1631	Jun-07	Jacksboro	West Denton	50	OH			0	ACSR		0	0	44372	I	100
U	ERCOT		AC	345	345	1631	Jun-07	Salado	Hutto	33.9				0	710011		0	0	44372		100
U	ERCOT		AC	345	345	1631	Jun-07	West Denton	NW Carrollton	35.8				0			0	0	44372	1	100
U	FRCC		AC AC	345 230	345 230	1515 1146	Jun-08 May-03		McCamey Barcola #2	110	OH		-	0		-	0	0	20404 6455		100 100
U	FRCC		AC	230	230	1191	Jun-03	Charlotte	Whidden #2	3	1		1	0			0	0	6452	1	100
U	FRCC		AC	230	230	596	Jun-03	Cortez	Johnson	29			1	0			0	0	6452		100
Ü	FRCC		AC	230	230	578	Jun-03	Duval-Kingsland	Yulee-Oneil	11				0			0	0	6452		100
U	FRCC		AC	230	230	1100	Jun-03	Gannon	Juneau	7				0			0	0	6452		100
U	FRCC		AC	230	230	1013	Jun-03	Barcola	Pebbledale	1				0			0	0	6455		100

1	U FRCC	AC 230	230	514	Jun-03 Broward	Delmar	14			0	l		0	0	18454		100
1							17			0			0	0			100
10							1			0			0	0			100
U FRCC							9			0				0			100
U FRCC							7			0			0	0			100
U PROC							7			0			-	-			100
U FRC							5			0				-			100
U FFEC A.C. 283 200 1925 June 6 Disconference Common							6			0							100
U FROC AC 20 29 514 Jan-C Breater Contents 2							12			0	1		_	-			100
U FFEC AC 20 20 750 Ann Section Control							27			0				_			100
U PROC. A.C. 203 200 201 41. April Character Variable Varia							21				1		-				100
U FRCC							2			U							100
U PROC. AC 230 250 1							44			v			_				100
U FRCC										v			_	-			100
U FRCC													_				100
U FREC. AC 230 230 656 Nov. Of Force Center Fund 0 0 0 0 0 0 0 0 0							14						_				100
U FRCC AC 290 290 1660 Novcal Former Security							0						_				100
U FREC AC 230 250 60 Bay-26 Periods 10 0 0 0 0 0 0 0 0							0						_				100
U FRCC				000			9			0							
U FRCC				0			10			0			_				100
U FRCC AC 230 230 1008 Jun-28 Indications Marin #2 15 0 0 0 0 0 0 0 0 0							0			0							100
U FRCC AC 220 220 0 0 0 0 0 0 0							1 1			0							100
U FRCC							13			0	l						100
U FRCC AC 220 230 0 0 0 0 0 0 0 0 0				759			0			0	l						100
U FRCC				0						0							100
U FRCC										0							100
U FRCC AC 230 230 668 May-Qi Centrer Park S. Reman 19 0 0 0 0 0 0 0 0 0										0							100
U FRCC AC 230 230 688 May-96 Commerce North David 5 0 0 0 0 0 0 0 0 0										0			-				100
U FRCC AC 230 230 688 May-90 Commerce North Streebalds 0 0 0 0 0 0 9617 U FRCC AC 220 230 688 May-90 Commerce North Streebalds 0 0 0 0 0 0 0 0 0							19			0							100
U FRCC							0			0			_	-			100
U FRCC							5			0			-				100
U FRCC AC 230 230 688 May-06 Generalizad Nocatese 5 0 0 0 0 9617							0			0							100
U FRCC AC 230 230 688 May-06 (Schemland Nocatee 5 0 0 0 0 9617							6			0							100
U FRCC AC 230 230 688 May-06 Marthaghts Firestone 4						Nocatee	5			0							100
U FRCC AC 230 230 688 May-Ce Normandy Dec Fled 4 0 0 0 0 0 0 0 0 0							5			0							100
U FRCC							4			0							100
U FRCC					May-06 Normandy	Cecil Field	4			0			0				100
U FRCC AC 230 230 688 May-OS S.Keman Greenland 9 0 0 0 0 0 6455					May-06 Normandy	Jax Heights	0			0			0				100
U FRCC AC 230 230 1141 Jun-66 Lake Bryan Windermere #2 10 0 0 0 6455 U FRCC AC 230 230 1141 Jun-66 Lake Bryan Windermere #1 9 0 0 0 0 0 6455 U FRCC AC 230 230 1141 May Princes Energy Complex West Lake Wales #1 10 0 0 0 0 6455 U FRCC AC 230 230 1141 May Princes Energy Complex West Lake Wales #2 21 0 0 0 0 0 6455 U FRCC AC 230 230 1141 May Princes Energy Complex West Lake Wales #2 21 0 0 0 0 0 6455 U FRCC AC 230 230 1749 Jun-67 River Chapman 21 0 0 0 0 0 6455 U FRCC AC 230 230 10 0 Dec. 07 Paeae River FILE 1 0 0 0 0 0 0 6455 U FRCC AC 230 230 1100 Jun-68 FishHawk Winderer Energy Complex West Lake Wales #2 21 0 0 0 0 0 0 6455 U FRCC AC 230 230 1100 Jun-68 FishHawk Winderer Energy Complex West Lake Wales #3 0 0 0 0 0 0 6455 U FRCC AC 230 230 1110 Jun-68 FishHawk Winderer Energy Complex West Lake Wales #3 0 0 0 0 0 0 6455 U FRCC AC 230 230 1100 Jun-68 FishHawk Winderer Energy Complex West Lake Wales #3 0 0 0 0 0 0 6455 U FRCC AC 230 230 1100 Jun-68 FishHawk Winderer Energy Complex West Lake Wales #3 0 0 0 0 0 0 6455 U FRCC AC 230 230 1100 Jun-68 FishHawk Winderer Energy Complex West Lake Wales #3 0 0 0 0 0 0 0 0 6455 U FRCC AC 230 230 1100 Jun-68 FishHawk Winderer Energy Complex West Lake Wales #3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				482	May-06 Northside	Center Park	0			0			0	0	9617		100
U FRCC		AC 230	230				9			0			0	0			100
U FRCC					Jun-06 Lake Bryan	Windermere #2	10			0			0		6455		100
U FRCC AC 230 230 1141 Mgy-07 [Hines Energy Complex West Lake Walles #1 10 0 0 0 6456 U FRCC AC 230 230 749 Jun-07 [River Chapman 21 0 0 0 0 6455 U FRCC AC 230 230 749 Jun-07 [River Chapman 21 0 0 0 0 6455 U FRCC AC 230 230 10 0 Dec 07 [Pace River FPL Tap Peace R					Jun-06 Lake Bryan	Windermere #1				0			0	0			100
U FRCC AC 230 230 1141 May-OF River Energy Complax West Lake Wales #2 21 0 0 0 0 6455 0 0 0 6455 0 0 0 6455 0 0 0 6455 0 0 0 0 6455 0 0 0 0 6455 0 0 0 0 6455 0 0 0 0 6455 0 0 0 0 6455 0 0 0 0 0 6455 0 0 0 0 0 6455 0 0 0 0 0 6455 0 0 0 0 0 6455 0 0 0 0 0 0 6455 0 0 0 0 0 0 6455 0 0 0 0 0 0 6455 0 0 0 0 0 0 0 6455 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	U FRCC		230	1141			10			0			0	0			100
U FRCC	U FRCC			1141			21			0			0	0			100
U FRCC						Chapman				0							100
U FRCC				0	Dec-07 Peace River FPL Tap					0							100
U FRCC AC 230 230 1141 Jun-0B Intercession City Gifford 2				1100			10			0							100
U FRCC AC 230 230 1300 Jun-09 Fish-Hawk Davis 14 0 0 0 0 18454 1					Jun-08 Intercession City	Gifford				0							100
U FRCC AC 230 230 1100 Jun-09 FishHawk Davis 14 0 0 0 0 0 18454							11			n							100
U FRCC										0							100
U FRCC AC 230 230 1141 Jun-10 Intercession City West Lake Wales #2 30 0 0 0 0 6455 1 0 0 0 0 6455 1 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 18454 1 0 0 0 0 0 0 18454 1 0 0 0 0 0 0 18454 1 0 0 0 0 0 0 18454 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										n	1			-			100
U FRCC AC 230 230 1100 Jun-10 Davis Dale Mabry 13 0 0 0 18454 U MAAC AC 230 230 230 230 230 4100 Morror 12 CH T S 795 ACSR 1 2 2 4192 I U MAAC AC 230 230 650 Dec-03 Steel City Quarry 2 OH T S 1590 ACSR 1 2 2 14715 I U MAAC AC 230 230 650 Jun-04 (Cardiff Oyster Creek 44 OH P S 1590 ACSR 1 1 2 4192 I I U MAIN AC 230 230 650 Jun-04 (Vrokanna Otter Creek 42 OH T S 1590 ACSR 1 1 2 4192 I 1										Ü				-			100
U MAAC AC 230 230 238 Jun-03 Mickelton Monroe 12 OH T S 795 ACSR 1 2 2 4192 I										_			-	-			100
U MAAC AC 230 230 650 Dec-03 Steel City Quarry 2 OH T S 1590 ACSR 1 2 2 14715 1								Т	S	_	ACSR	1	-	-			100
U MAAC AC 230 230 650 Jun-04 Cardiff Oyster Creek 44 OH P S 1590 ACSR 1 1 2 4192 I U MAAC AC 230 230 650 Jun-04 Vorkanna Otter Creek 12 OH T S 1590 ACSR 1 1 2 4192 I U MAIN AC 345 345 0 Jun-03 Rush St. Francois -2 17 OH 0 0 0 19436 I U MAIN AC 345 345 70 Jan-04 Garfield Taylor 6.3 UG U U 2500 CU 1 1 1 4110 I U MAIN AC 345 345 0 Jun-04 Calabay Franks 60 OH 0 0 0 19436 I U MAIN AC 345								Ť	_			1	_	_		i	100
U MARC AC 230 230 650 Jun-04 Yorkanna Otter Creek 12 OH T S 1590 ACSR 1 1 2 14715 1								P	_			1		_		i	100
U MAIN												1	1			i	100
U MAIN										1030	ACOIL	-	'n			- i	100
U MAIN AC 345 345 0 Jun-04 (Cahokia Dupo 8 OH 0 0 0 19436 1 U MAIN AC 345 345 0 Jun-04 (Callaway Franks 60 OH 0 0 0 0 19436 1 0 0 0 0 19436 1 0 0 0 0 19436 1 0 0 0 0 19436 1 0 0 0 0 0 19436 1 0 0 0 0 0 19436 1 0 0 0 0 0 19436 1 0 0 0 0 0 19436 1 0 0 0 0 0 19436 1 0 0 0 0 0 19436 1 0 0 0 0 0 19436 1 0 0 0 0 0 19436 1 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 0 0 0 0 0 0 19436 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				-				- 11	- 11	2500	CII	1	1				100
U MAIN				700				U	U	2500	- 00		0				100
U MAIN AC 345 345 0 Jun-04 Lose Creek Jefferson City 15 OH 0 0 0 19436 1 U MAIN AC 345 345 1361 Dec-05 Columbia North Madison 17 OH P B 2156 ACSR 1 1 1 1 659 O U MAIN AC 345 345 1100 Jun-07 Brookdale Granville 15 OH T B 0 ACSR 1 2 2 659 O U MAIN AC 345 345 1446 Jun-07 Morgan Werner West 50 OH P S 2156 ACSR 1 1 1 1 659 O U MAIN AC 345 345 1100 Jun-07 OR Creek Bluemound 29 OH T B 2156 ACSR 1 1 1 1 659 O U MAIN AC 345 345 1100 Jun-07 OR Creek Bluemound 29 OH T B 2156 ACSR 1 2 2 669 O U MAIN AC 345 345 1100 Jun-07 OR Creek Bluemound 29 OH T B 2156 ACSR 1 2 2 669 O U MAIN AC 345 345 1100 Jun-07 OR Creek Bluemound 29 OH T B 0 ACSR 1 2 2 669 O U MAIN AC 345 345 1200 Dec-07 Arowhead Sinson 200 OH P S 1272 ACSR 2 1 1 12647 O U MAIN AC 345 345 1200 Dec-07 Sinson Weston 25 OH P S 954 ACSR 2 1 1 20060 O U MAIN AC 345 345 1200 Dec-07 Sinson Weston 25 OH P S 954 ACSR 2 1 1 10060 O U MAPP AC 115 115 195 Apr-03 Broke Bow Crooked Creek 40 OH H W 556 ACSR 1 0 0 13337 O U MAPP AC 115 115 15 0 May-03 Red Row Rogers Lake 6 0 0 0 0 13781 OH West Faribault 52.8 U ON				0						0	l						100
U MAIN AC 345 345 1361 Dec-05 (Columbia) North Madison 17 OH P B 2156 ACSR 1 1 1 659 O U MAIN AC 345 345 1100 Jun-07 Brookdale 15 OH T B 0 ACSR 1 2 2 659 O U MAIN AC 345 345 1100 Jun-07 Morgan Wemer West 50 OH P S 2156 ACSR 1 1 1 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Bluemound 29 OH T B 2156 ACSR 1 2 2 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Brookdale 25 OH T B 0 ACSR 1 2 2				U						v	 		_				100
U MAIN AC 345 345 1100 Jun-07 Brokdale Granville 15 OH T B 0 ACSR 1 2 2 659 O U MAIN AC 345 345 11446 Jun-07 Morgan Werner West 50 OH P S 2156 ACSR 1 1 1 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Bluemound 29 OH T B 2156 ACSR 1 1 1 1 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Bluemound 29 OH T B 2156 ACSR 1 2 2 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Brokdale 25 OH T B 0 ACSR 1 2 2 669 O U MAIN AC 345 345 1200 Dec-07 Arowhead Stinson 20 OH P S 1272 ACSR 2 1 1 12647 O U MAIN AC 345 345 1200 Dec-07 Strowhead Stinson 20 OH P S 1272 ACSR 2 1 1 12647 O U MAIN AC 345 345 1200 Dec-07 Strowhead Stinson 25 OH P S 954 ACSR 2 1 1 20860 O U MAPP AC 115 115 373 Apr-03 I4th & Fletcher 84th & Buff 2.5 OH P S 0 ACSR 2 0 1 11018 M U MAPP AC 115 115 195 Apr-03 Broken Bow Crooked Creek 40 OH H W 556 ACSR 1 0 0 0 13781 U MAPP AC 115 115 0 May-03 Mar Lake Empire 18 0 0 0 0 13781 U MAPP AC 161 161 0 May-03 Red Rock Rogers Lake 6 0 0 0 0 13781				Ü				D	D	v		-					100
U MAIN AC 345 345 1446 Jun-07 Morgan Wemer West 50 OH P S 2156 ACSR 1 1 1 1 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Bluemound 29 OH T B 2156 ACSR 1 2 2 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Brookdale 25 OH T B 0 ACSR 1 2 2 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Brookdale 25 OH T B 0 ACSR 1 2 2 669 O U MAIN AC 345 345 1200 Dec-07 Arrowhead Stinson 200 OH P S 1272 ACSR 2 1 1 12647 O U MAIN AC 345 345 1200 Dec-07 Stinson Weston 25 OH P S 954 ACSR 2 1 1 20860 O U MAIN AC 345 345 1200 Dec-07 Stinson Weston 25 OH P S 954 ACSR 2 1 1 20860 O U MAPP AC 115 115 15 373 Apr-03 Horke Fletcher 34th & Buff 2.5 OH P S 0 ACSR 2 0 1 11018 M U MAPP AC 115 115 195 Apr-03 Broken Bow Crooked Creek 40 OH H W 556 ACSR 1 0 0 13337 O U MAPP AC 115 115 0 May-03 Air Lake Empire 18 0 0 0 13781 U MAPP AC 115 115 0 May-03 Red Rock Rogers Lake 6 0 0 0 13781 U MAPP AC 161 161 0 May-03 Wilmarth West Faribault 52.8												1					
U MAIN AC 345 345 1100 Jun-07 Oak Creek Bluemound 29 OH T B 2156 ACSR 1 2 2 659 O U MAIN AC 345 345 1100 Jun-07 Oak Creek Brookdale 25 OH T B 0 ACSR 1 2 2 659 O U MAIN AC 345 345 1200 Dec-07 Airowhead Stinson 200 OH P S 1272 ACSR 2 1 1 12647 O U MAIN AC 345 345 1200 Dec-07 Siinson Weston 25 OH P S 954 ACSR 2 1 1 12647 O U MAPP AC 115 115 373 Apr-03 Siinson Weston 25 OH P S 954 ACSR 2 1										Ü							100
U MAIN AC 345 345 1100 Jun-07 Cak Creek Brookdale 25 OH T B 0 ACSR 1 2 2 659 O U MAIN AC 345 345 1200 Dec-07 Sinson 200 OH P S 1272 ACSR 2 1 1 1 12647 O U MAIN AC 345 345 1200 Dec-07 Sinson Weston 25 OH P S 954 ACSR 2 1 1 1 20860 O U MAIN AC 345 345 1200 Dec-07 Sinson Weston 25 OH P S 954 ACSR 2 1 1 1 20860 O U MAPP AC 115 115 373 Apr-03 Broke Bow Crooked Creek 40 OH P S 0 ACSR 2 0 1 1 11018 M U MAPP AC 115 115 195 Apr-03 Broke Bow Crooked Creek 40 OH H W 556 ACSR 1 0 0 1 3337 O U MAPP AC 115 115 0 May-03 Rir Lake Empire 18 0 0 0 0 13781 U MAPP AC 115 115 0 May-03 Red Rock Rogers Lake 6 0 0 0 0 13781 U MAPP AC 116 161 0 May-03 Red Rock Rogers Lake 52.8 0 0 0 0 0 13781																	100 100
U MAIN AC 345 345 1200 Dec-07 Arrowhead Stinson 200 OH P S 1272 ACSR 2 1 1 12647 O U MAIN AC 345 345 1200 Dec-07 Sinson Weston 25 OH P S 954 ACSR 2 1 1 20860 O U MAPP AC 115 115 1373 Apr-03 Broken Bow Crooked Creek 40 OH H W 556 ACSR 2 0 1 11018 M U MAPP AC 115 115 195 Apr-03 Broken Bow Crooked Creek 40 OH H W 556 ACSR 1 0 0 13337 O U MAPP AC 115 115 0 May-03 Air Lake Empire 18 0 0 0 0 13781 U </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2156</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										2156							
U MAIN AC 345 345 1200 Dec-07 Stinson Weston 25 OH P S 954 ACSR 2 1 1 20860 O U MAPP AC 115 115 373 Apr-03 litrik Fletcher 84th & Buff 2.5 OH P S 0 ACSR 2 0 1 11018 M U MAPP AC 115 115 115 195 Apr-03 litrik Fletcher 84th & Buff 2.5 OH P S 0 ACSR 2 0 1 11018 M U MAPP AC 115 115 115 195 Apr-03 litrik Fletcher 40 OH H W 556 ACSR 1 0 0 13337 O 0 0 13337 O 0 0 13337 O 0 0 13781 U U MAPP AC 115										0							100
U MAPP AC 115 115 373 Apr-03 l4th & Fletcher 84th & Buff 2.5 OH P S 0 ACSR 2 0 1 11018 M U MAPP AC 115 115 195 Apr-03 Broken Bow Crooked Creek 40 OH H W 556 ACSR 1 0 0 13337 O U MAPP AC 115 115 0 May-03 lar Lake Empire 18 0 0 0 0 13781 U MAPP AC 115 115 0 May-03 Rock Rogers Lake 6 0 0 0 0 13781 U MAPP AC 161 161 0 May-03 Wilmarth West Faribault 52.8 0 0 0 0 13781																	100
U MAPP AC 115 115 195 Apr-03 Broken Bow Crooked Creek 40 OH H W 556 ACSR 1 0 0 13337 O U MAPP AC 115 115 0 May-03 Air Lake Empire 18 0 0 0 0 13781 U MAPP AC 115 115 0 May-03 Red Rock Rogers Lake 6 0 0 0 0 13781 U MAPP AC 161 161 0 May-03 Wilmarth West Faribuilt 52.8 0 0 0 0 13781										954						_	100
U MAPP AC 115 115 0 May-03 Air Lake Empire 18 0 0 0 13781 U MAPP AC 115 115 0 May-03 Red Rock Rogers Lake 6 0 0 0 13781 U MAPP AC 161 161 0 May-03 Wilmarth West Faribault 52.8 0 0 0 13781										0							100
U MAPP AC 115 115 0 May-03 Red Rock Rogers Lake 6 0 0 0 13781 U MAPP AC 161 161 0 May-03 Wilmarth West Faribault 52.8 0 0 0 13781				195				Н	W		ACSR	1				0	100
U MAPP AC 161 161 0 May-03 Wilmarth West Faribault 52.8 0 0 0 13781				0						0							100
				0						0							100
U MAPP AC 115 115 373 Nov-03 19th & Alvo NW 12th & Arbor 3.5 OH P S 0 ACSR 2 0 2 11018 M																	100
	U MAPP	AC 115	115	373	Nov-03 19th & Alvo	NW 12th & Arbor	3.5 OH	Р	S	0	ACSR	2	0	2	11018	М	100

U MAPP	1	AC	161	161		Jun-04 Chisago		35.5	1	1			1	1			13781		100
U MAPP		AC	115	115	150	Jun-04 Chisago Dec-04 Canby	Dawson	22	ОН	D	W	266	T2-A	1	1	1	14232	-	100
U MAPP		AC	115	115	150	Dec-04 Frazee	Audubon	20	OH	P	S	266		1	1	1	14232		80
U MAPP		AC	115	115	373	May-05 NW 68th & Holdrege	NW 12th & Arbor	11	OH	P	S	0		2	0	2	11018	M	100
U MAPP		AC	345	345	800	Jun-05 MN-WI State Line	Weston	9.26	OH	P	S	1272		2	0	0	659	0	100
U MAPP		AC	345	345	800	Jun-05 MN-WI State Line	Weston	198.3	OH	P	S	954		2	0	0	659	0	100
U MAPP		AC	345	345	800	Jun-05 Arrowhead	MN-WI State line	12.44	OH	Р	S	1272	ACSR	2	0	0	12647	i	100
U MAPP		AC	345	345	800	Jun-05 ARROWHEAD	WESTON, WI	220	OH	Р	S	1272	ACSR	2	0	0	12647	1	57
U MAPP		AC	115	115	0	Nov-05 Ironwood	Gogebic	34				0			0	0	13781		100
U MAPP		AC	115	115	373	May-06 Rokeby	40th & Rokeby	5	OH	Р	S	0	ACSR	2	0	1	11018	М	100
U MAPP		AC	161	161	742	Jul-06 Apple River	Chisago	36	ОН	Р	W	1192		2	0	2	4716	С	40
U MAPP		AC	115	115	742	Jul-06 Apple River	Chisago	2	UG	Р	W	795		2	0	2	4716	С	40
U MAPP		AC	345	345	373	May-07 NW 68th & Holdrege	128th & Adams	28.2	OH	Р	S	0		2	0	2	11018	М	100
U MAPP		AC	115	115	150	Dec-08 Dawson	Appleton	22	OH	P	W	266		1	1	1	14232	<u> </u>	100
U MAPP		AC	345	345	0	Apr-09 Sub 3458	Under Plan	68	OH	Р	P	0			0	0	14127	S	100
U MAPP	NE	AC	0	0	0	Duluth, Minnesota	Wausau, Wisconsin	07.4	011	P	P	0			0	0	659	0	94
U NPCC U NPCC	NE NE	AC AC	345 345	345 345	2038	Apr-03 Coolidge S/S	West Rutland S/S	27.4 20.1	OH	P	P	2		2	2	2	19899 4176		100 100
U NPCC	NE NE	AC	345	345	2038		Norwalk	20.1	OH	Р	Р	2		2	0	0	11521		100
U NPCC	NE NE	AC	345	345	0	Dec-06 Orrington S/S	Maine/New Brunswick	30.4	OH			0			0	0	19899		100
U NPCC	NE NE	AC	345	345	500	Dec-06 New Haven Jun-07 Holbrook S/S	W. Rutland K Street	30.4	OH	Р	P	2		2	1	1	19899		100
U NPCC	NE	AC	345	345	500	Jun-07 K Street	Kingston S/S	7.4	OH	P	P	2		2	1	1	1998	<u> </u>	100
U NPCC	NE	AC	345	345	465	Jun-07 Canal S/S	Oak St. S/S	15.6	OH	P	P	2	ACSR	2	1	1	4089	- i	100
U NPCC	NE	AC	345	345	2038	Dec-07 Beseck Jct.	East Devon	32.6	OH	P	P	2	ACSR	2	2	2	4176	- i -	100
U NPCC	NE	AC	345	345	2038	Dec-07 Black Pond Jct.	Beseck Jct.	2.9	OH	P	P	2	ACSR	2	2	2	4176	i	100
U NPCC	NE	AC	345	345	2038	Dec-07 Black Pond Jct.	Beseck Jct.	2.9	OH	P	P	2	ACSR	2	2	2	4176	i	100
U NPCC	NE	AC	345	345	2038	Dec-07 Card	Lake Road Station	29	ОН	P	P	2	ACSR	2	2	2	4176	1	100
U NPCC	NE	AC	345	345	2038	Dec-07 East Devon	Singer	3.1	ОН	P	P	2	ACSR	2	2	2	4176	i	100
U NPCC	NE	AC	345	345	2038	Dec-07 Lake Road Station	Sherman Rd.(N.Grid)	7.5	OH	P	P	2		2	2	2	4176	I	100
U NPCC	NE	AC	345	345	0	Dec-07 Norwalk	Glenbrook	8.5	OH	Р	Р	2	ACSR	2	0	0	4176	1	100
U NPCC	NE	AC	345	345	2038	Dec-07 Oxbow Jct.	Beseck Jct.	7.3	OH	Р	Р	2	ACSR	2	2	2	4176	1	100
U NPCC	NE	AC	345	345	2038	Dec-07 Scovill Rock	Chestnut Jct.	2.6	OH	P	Р	2	ACSR	2	2	2	4176	1	100
U NPCC	NE	AC	345	345	2038	Dec-07 Singer	Norwalk	18.9	ОН	Р	P	2	ACSR	2	2	2	4176	I	100
U NPCC	NE	AC	345	345	0	Dec-07 Singer	Trumbull Junction	5.3	ОН			0			0	0	19497		100
U NPCC	NE	AC	345	345	0	Dec-07 Trumbull Junction	Singer	5.3	OH			0			0	0	19497	1	100
U SERC	ENT	AC	230	230	392	Apr-03 Horn Lake	Freeport	3.81	OH	P	С	954	710011	2	1	1	25251	I	100
U SERC	ENT	AC	230	230	640	Dec-03 Kaiser	Meraux	5.55	OH	P	S	1780		1	1	1	25251		100
U SERC	ENT	AC	230	230	640		Michoud	5.99	OH	T	S	1780		1	2	2	25251		100
U SERC	ENT	AC	230	230	884	Jun-05 China	Porter	63	OH	P P	В	954	710011	2	2	2	25251		100
U SERC	ENT	AC	230	230	521	Jun-05 Rankin	South Jackson	17.9	OH	P	S	1272		1	2	2	25251		100
U SERC	ENT ENT	AC	230 500	230 500	640	Dec-05 Conway	Panama	10 11.5	OH	T	S	1780 954		1	1	1	25251		100 100
U SERC	ENT	AC AC	500	500	2598 2598	Dec-06 Bogue Chitto Dec-06 Bogue Chitto	Bogalusa LS Pike	59.5	OH	T	S	954 954		3	1	1	25251 25251		100
U SERC	ENT	AC	230	230	640	Dec-06 Coly	Hammond	20	OH	P	S	1780		1	1	1	25251		100
U SERC	ENT	AC	115	230	159	Dec-06 Hammond	Amite	18.17	OH	H	S	1468		1	1	1	25251		100
U SERC	ENT	AC	230	230	640	Dec-06 Panama	Frisco	26	OH	P	S	1780		1	1	1	25251		100
U SERC	SOU	AC	500	500	3271	Jan-03 Autaugaville S.S.	Snowdoun T.S.	0.5	OH	T	S	1033		3	1	1	195		100
U SERC	SOU	AC	500	500	3271	Jan-03 Autaugaville S.S.	South Bessemer T.S.	0.5	OH	÷	S	1033	ACSR	3	1	1	195		100
U SERC	SOU	AC	230	230	664	Mar-03 Holcomb Bridge	Martins Landing	3.4	OH	P	Š	1622		1	1	1	7197	Ċ	100
U SERC	SOU	AC	230	230	602	Mar-03 Spout Springs	Shoal Creek	14	OH	P	Č	1351		1	1	1	7197	C	100
U SERC	SOU	AC	230	230	898	Mar-03 Enterprise	Plant Sweatt	13.1	OH	H	Č	1033		1	1	1	12686	- i	100
U SERC	SOU	AC	230	230	1004	May-03 Autaugaville S.S.	County Line Road	15.7	OH	Н	C	795		2	1	1	195	1	100
U SERC	SOU	AC	230	230	502	May-03 County Line Road	Montgomery S.S.	1.5	ОН	Т	S	1033	ACSR	1	1	1	195	1	100
U SERC	SOU	AC	230	230	502	May-03 Gaston	County Line Road	1	OH	T	S	1033	ACSR	1	1	1	195		100
U SERC	SOU	AC	230	230	485	May-03 North Opelika	Gaston S.P.	0.5	OH	T	S	1351		1	1	1	195		100
U SERC	SOU	AC	230	230	485	May-03 North Opelika	Goat Rock (#1)	0.5	OH	T	S	1351		1	1	1	195		100
U SERC	SOU	AC	230	230	602	May-03 Big Shanty	McConnell Road	9	OH	Р	S	1351	ACSR	1	1	1	7197	С	100
U SERC	SOU	AC	230	230	664	Jun-03 East Moultrie	West Valdosta	38	ОН	Ι	S	1622		1	1	1	7197	С	100
U SERC	SOU	AC	230	230	602	Jun-03 Yates	Line Creek	17.4	OH	Н	W	1351		1	1	1	7197	C	100
U SERC	SOU	AC	230	230	866	Jun-03 Yellowdirt	Dresden	8	OH	Н	S	795		2	1	1	7197	С	100
U SERC	SOU	AC	230	230	807	Apr-04 Hyundai S.S.	Montgomery S.S.	1.5	OH	T	S	1351		1	1	1	195		100
U SERC	SOU	AC	230	230	807	Apr-04 Hyundai S.S.	Snowdoun T.S.	1.5	OH	T T	S	1351	OT	1	1 1	1	195	!	100
U SERC	SOU	AC	230	230	502	May-04 Pike County	Pinckard	0.1	OH	T	S	1033		1	1 1	1	195		100
U SERC U SERC	SOU	AC	230 230	230 230	502 602	May-04 Pike County Jun-04 CLERMONT JCT.	Snowdoun CLERMONT JCT.	0.1	OH	T H	S	1033 1351		1	1	1	195 7140	1	100 100
	SOU	AC AC	230	230	602 866	Jun-04 CLERMONT JCT. Jun-04 Yellowdirt		19 31	OH	H	S	1351 795		2	1	1	7140 7197	C	100
II CEDO		AC	230	230	664	Oct-04 GLAZE DRIVE	Hickory Level HOLCOMB BRIDGE	31	OH	H P	S	1622		1	1	+	7197	U I	100
U SERC	8011	· AC			664	Oct-04 GLAZE DRIVE Oct-04 OLD ALABAMA	MARTINS LANDING	2	OH	P	S	1622		 	1	1	7140		100
U SERC	SOU		230				MINITAL EVIDENA	4									7 140		
U SERC U SERC	SOU	AC	230	230			Gaston S P	0.25	H	т —	S	1351	ACSP	1	1 1	1 1	105	1	100
U SERC U SERC U SERC	SOU SOU	AC AC	230	230	306	Apr-05 Ashland T.S.	Gaston S.P.	0.25	OH	T	S	1351	ACSR	1	1	1	195		100
U SERC U SERC U SERC U SERC	SOU SOU	AC AC AC	230 230	230 230	306 306	Apr-05 Ashland T.S. Apr-05 Ashland T.S.	Roopville	0.25	OH	Ť	S	1351	ACSR	1 1	1	1 1	195	 	100
U SERC U SERC U SERC U SERC U SERC U SERC	SOU SOU SOU	AC AC AC	230 230 230	230 230 230	306 306 602	Apr-05 Ashland T.S. Apr-05 Ashland T.S. May-05 Magella	Roopville Bessemer	0.25 6.8	OH OH	T P	S C	1351 1351	ACSR ACSR	1 1 1		1 1 1	195 195		100 100
U SERC	SOU SOU SOU SOU	AC AC AC AC	230 230 230 230	230 230 230 230	306 306 602 602	Apr-05 Ashland T.S. Apr-05 Ashland T.S. May-05 Magella May-05 Snowdoun	Roopville	0.25	OH	Ť	S C S	1351	ACSR ACSR ACSR	1 1 1 1	1	1 1 1 1 1	195	i	100 100 100
U SERC	SOU SOU SOU	AC AC AC	230 230 230	230 230 230	306 306 602	Apr-05 Ashland T.S. Apr-05 Ashland T.S. May-05 Magella May-05 Snowdoun	Roopville Bessemer Madison Park	0.25 6.8 31	OH OH OH	T P T	S C	1351 1351 1351	ACSR ACSR ACSR ACSR	1	1 1 1	1 1 1 1 1	195 195 195	i	100 100

U SERC	SOU	AC	230	230	602	Jun-05 CLERMONT JCT	SOUTH HALL	10	ОН	ПН	- C	1351	ACSR	1	1 1	1 1	7140		100
U SERC	SOU	AC	230	230	602	Jun-05 DAVIS STREET	EAST POINT	12	OH	P	S	1351	ACSR	1	1	1	7140		100
U SERC	SOU	AC	230	230	602	Jun-05 Dresden	South Coweta	25	OH	P	w	1351	ACSR	1	1	1	7197	C	100
U SERC	SOU	AC	230	230	580	Jun-05 W R Clayton	LPM	1	OH	P	S	1351	ACSR	1	Ö	i	13100	M	100
U SERC	SOU	AC	230	230	602	Jun-05 Dean Forest	Little Ogeechee	0	OH	H	S	1351	ACSR	1	1	1	16687	- ï	100
U SERC	SOU	AC	230	230	807	Nov-05 Farley N.P.	Cottonwood T.S.	0.5	OH	Ť	S	1351	OT	1	1	1	195		100
U SERC	SOU	AC	230	230	807	Nov-05 Sinai Cemetery (Scho	Cottonwood T.S.	0.5	OH	T	S	1351	OT	1	1	1	195		100
U SERC	SOU	AC	230	230	306	Apr-06 Delta S.S.	Ashland T.S.	0.25	OH	T	S	1351	ACSR	1	1	1	195		100
U SERC	SOU	AC	230	230	306	Apr-06 Delta S.S.	Roopville	0.25	OH	Т	S	1351	ACSR	1	1	1	195		100
U SERC	SOU	AC	230	230	807	Apr-06 South Enterprise	Opp T.S.	0.5	OH	Т	S	1351	OT	1	1	1	195		100
U SERC	SOU	AC	230	230	807	Apr-06 South Enterprise	Pinckard T.S.	0.5	OH	T	S	1351	OT	1	1	1	195		100
U SERC	SOU	AC	230	230	602	May-06 Delta S.S.	Crooked Creek	8	ОН	Т	S	1351		1	1	1	195		100
U SERC	SOU	AC	230	230	866	Jun-06 Bio	Center	36	OH	Н	S	795		2	1	1	7197	С	100
U SERC	SOU	AC	230	230	866	Jun-06 Bio	Middlefork	30	OH	Н	S	795		2	1	1	7197	С	100
U SERC	SOU	AC	230	230	602	Jun-06 McConnell Road	North Paulding Count	18	OH	Н	W	1351		1	1	1	7197	С	100
U SERC	SOU	AC	230	230	602		Hickory Level	15	OH	Н	W	1351		1	1	1	7197	С	100
U SERC	SOU	AC AC	230 230	230 230	602		North Aragon	10	OH	H	W S	1351		1	1	1	7197 195	Ç	100
U SERC U SERC	SOU	AC	230	230	502 502	Apr-07 North Anniston T.S.	Anniston T.S.	0.5 0.5	OH	<u> </u>	S	1033 1033		1	1	1	195		100 100
U SERC	SOU	AC	230	230		Apr-07 North Anniston T.S.	Hammond S.P.	0.5	OH	+	S	1033		-	1		195		100
U SERC	SOU	AC	230	230	502 502	May-07 Bessemer May-07 Gaston S.P.	East Pelham East Pelham	0.5	OH	÷	S	1033		- 1	1	+	195		100
U SERC	SOU	AC	230	230	664	May-07 Gaston S.P. Jun-07 CUMMING	SHOAL CREEK	0.5	OH	H	S	1622		1	1	1	7140		100
U SERC	SOU	AC	230	230	602		MCGRAW FORD	5	OH	P	S	1351		1	1	1	7140		100
U SERC	SOU	AC	500	500	3429	Jun-07 MCGRAU FORD	MOSTELLAR SPRINGS	35	OH	T	S	1113		3	1	1	7140		100
U SERC	SOU	AC	230	230	602	Jun-07 McGraw Ford	Cumming	19	OH	H	S	1351		1	1	1	7140	C	100
U SERC	SOU	AC	230	230	417	Jun-07 Fort Valley Tap	Fort Valley #1	8	OH	P	S	795		1	0	2	13100	M	100
U SERC	SOU	AC	230	230	502	May-09 Holt	West Tuscaloosa	7.5	OH	H	S	1033		1	1	1	195	I	100
U SERC	SOU	AC	230	230	596	Jun-09 CLAXTON	VIDALIA	34	OH	H	S	1351		1	1	 i	7140	i	100
U SERC	SOU	AC	500	500	3429	Jun-09 SOUTH HALL	WALLACE DAM	82	OH	ii	S	1113		3	1	l i	7140		100
U SERC	SOU	AC	230	230	602	Jun-09 Deshong	Ponce De Leon	15	OH	P	S	1351		1	1	1	7197	C	100
U SERC	SOU	AC	500	500	3429	Jun-09 Fortson	Bonaire	78	OH	T	S	1113		3	1	1	7197	C	100
U SERC	SOU	AC	230	230	900	Jun-09 Choctawhatchee North	Choctawhatchee South	4	SM	Ö	Ö	0		2	1	1	7801	ī	100
U SERC	SOU	AC	230	230	807	Jun-09 Crystal Beach	Choctawhatchee South	2	ОН	P	C	1351	OT	1	1	1	7801		100
U SERC	SOU	AC	230	230	807	Jun-09 Rogue Creek	Choctawhatchee North	15	OH	Р	С	1351	OT	1	1	1	7801		100
U SERC	SOU	AC	230	230	602	Apr-10 Boyles	ACIPCO S.S.	5	OH	Т	S	1351	ACSR	1	1	1	195		100
U SERC	SOU	AC	230	230	502	Apr-10 North Anniston T.S.	Gadsden S.P.	22	OH	Т	S	1033	ACSR	1	1	1	195		100
U SERC	SOU	AC	230	230	602	Jun-10 BUCKHEAD	PEACHTREE	2.5	ОН	Р	S	1351	ACSR	1	1	1	7140		100
U SERC	SOU	AC	230	230	602	Jun-10 CENTER	E. WATKINSVILLE	14	ОН	Н	S	1351	ACSR	1	1	1	7140		100
U SERC	SOU	AC	230	230	602	Jun-10 DAWSON CROSSING	S. DAHLONEGA	7	ОН	Р	S	1351	ACSR	1	1	1	7140		100
U SERC	SOU	AC	230	230	596	Jun-10 DUM JON	THOMSON	20	OH	Н	S	1351	ACSR	1	1	1	7140		100
U SERC	SOU	AC	230	230	602	Jun-10 HICKORY GROVE	WEST VALDOSTA	18	OH	Н	S	1351	ACSR	1	1	1	7140	<u> </u>	100
U SERC	SOU	AC	230	230	602	Jun-10 N. MARIETTA	SMYRNA	5.5	OH	Р	S	1351	ACSR	1	1	1	7140	<u> </u>	100
U SERC	SOU	AC	500	500	3429	Jun-10 THOMSON	WADLEY	50	OH	T	S	1113		3	1	1	7140		100
U SERC	SOU	AC	230	230	1004	Apr-11 Pinckard	North Dothan	0.3	OH	T	S	1033	ACSR	2	1	1	195		100
U SERC	SOU	AC	230	230	502	Apr-11 Turf Club T.S.	Boyles T.S.	0.5	OH	T	S	1033	ACSR	1	1	1	195		100
U SERC	SOU	AC	230	230	502	Apr-11 Turf Club T.S.	Gaston S.P.	0.5	OH	T	S	1033		11	1	1	195		100
U SERC	SOU	AC	230	230	1004	Apr-11 Webb	North Dothan	0.3	OH	P	S	1033		2	1	1	195		100
U SERC	SOU	AC	230	230	602		MIDDLE FORK	30	OH	Н	S	1351		1	1	1 1	7140		100
U SERC	SOU	AC	230	230	602		RACCOON CREEK	25	OH	H	S	1351		1	1	1 1	7140		100
U SERC	SOU	AC	230	230	602		ROSWELL	5	OH	P	C	1351		1	1	1	7140		100
U SERC U SERC	SOU	AC AC	230 230	230	602 602	Jun-11 PONCE DE LEON	SNELLVILLE	12 20	OH	P	S W	1351	ACSR	1 1	1 4	1	7140 7197		100 100
U SERC	SOU	AC	230	230 230	602	Jun-11 South Coweta Jun-11 Kiln	O'hara Picavune	20	OH	H	C	1351 1351		1	1	1	12686	C	100
U SERC	SOU	AC	230	230	580	Jun-11 Raccoon Creek	East Moultrie	28	OH	P	S	1351		+ +	0	+ +	13100	M	100
U SERC	SOU	AC	230	230	866	May-12 Boyles	Westover	0.2	OH	H	S	795		2	1	1	195	IVI	100
U SERC	SOU	AC	230	230	602		Madison Park T.S.	22	OH	T	S	1351		1	1	1	195		100
U SERC	SOU	AC	230	230	866	May-12 Gaston S.P.	Westover	0.2	OH	H	S	795		2	1	 	195	- 	100
U SERC	SOU	AC	230	230	586		Alabama River Newspr	0.2	OH	'	S	1351		1	1	1	195	i	100
U SERC	SOU	AC	230	230	586	May-12 Monroeville T.S.	Belleville	0.4	OH	÷	S	1351		1	1	 i	195		100
U SERC	SOU	AC	500	500	3429	May-12 UNION CITY	WANSLEY	34	OH	Ť	S	1113		3	1	1	7140	- i -	100
U SERC	SOU	AC	230	230	602	Jun-12 CONYERS	CORNISH MTN.	10	OH	H	S	1351		1	1	1	7140	i	100
U SERC	SOU	AC	230	230	602	Jun-12 CONYERS	PONCE DE LEON	19	OH	H	S	1351	ACSR	1	1 1	1	7140	- i -	100
U SERC	SOU	AC	230	230	602	Jun-12 HOPEWELL	MCGRAW FORD	11	OH	H	S	1351	ACSR	1	1	1	7140	i	100
U SERC	SOU	AC	230	230	602	Jun-12 KLONDIKE	STOCKBRIDGE	12	ОН	Н	S	1351	ACSR	1	1	1	7140		100
U SERC	SOU	AC	230	230	602	Jun-12 McDONOUGH	STOCKBRIDGE	12	OH	Н	Š	1351		1	1	1	7140	 	100
U SERC	SOU	AC	230	230	602	Jun-12 PANTHERSVILLE	SCOTTDALE	15	OH	Н	S	1351	ACSR	1	1	1	7140	T	100
U SERC	SOU	AC	230	230	602		THOMASVILLE	36	OH	Н	W	1351	ACSR	1	1	1	7140	T	100
U SERC	SOU	AC	230	230	664	Jun-12 SHOAL CREEK	SUWANEE	12	OH	Н	S	1622	ACSR	1	1	1	7140		100
	SOU	AC	500	500	3429	Jun-12 Fortson	North Americus	57	OH	T	S	1113	ACSR	3	1	1	7197	С	100
U SERC		4.0	230	230	580	Jun-12 LPM	Cornish Mountian	17	OH	Р	S	1351	ACSR	1	0	1	13100	М	100
U SERC U SERC	SOU	AC																	
U SERC U SERC U SERC	SOU	AC	500	500	3429	Dec-12 Augusta	Wadley	45	OH	T	S	1113	ACSR	3	1	1	7197	С	100
U SERC U SERC U SERC U SERC	SOU VAC	AC AC	500 230	500 230	3429 0	May-03 Navy South	Sewell	1	UG			0		3	0	0	19876	C	100
U SERC U SERC U SERC	SOU	AC	500	500		May-03 Navy South Jun-03 Rocky Mount		45 1 13 9.7		T T H	S		ACSR	1 2		1 0 2 2			

U SERC	VAC	AC	230	230	956	Jun-03 Rainey	Anderson #2	9.7	ОН	Н	- C	1272	ACSR	2	1 2	2	17543	9	100
U SERC	VAC	AC	230	230	960	Sep-03 Yemassee	Jasper County	37.3	OH	P	S	1272		2	1	1	17539	 j	100
U SERC	VAC	AC	230	230	480	Dec-03 Columbia Energy	Columbia Energy Tap	2.85	OH	P	S	1272		1	1	1	17539	- i	100
U SERC	VAC	AC	230	230	960	Jan-04 Jasper County	Purrysburg	1	OH	P	S	1272		2	1	1	17539	i	100
U SERC	VAC	AC	230	230	960	Jan-04 Yemassee	Jasper County	37.3	OH	Р	S	1272	ACSR	2	1	1	17539		100
U SERC	VAC	AC	230	230	960	Jan-04 Yemassee	Yemassee	2	OH	Р	S	1272	ACSR	2	1	1	17539		100
U SERC	VAC	AC	230	230	480	May-04 Hopkins	Hopkins Tap	1	OH	Р	S	1272	ACSR	1	1	1	17539		100
U SERC	VAC	AC	230	230	0	May-04 Landstown	West Landing	8	OH			0			0	0	19876		100
U SERC	VAC	AC	230	230	0	May-04 Marsh Run	Morrisville	4	OH			0			0	0	19876		100
U SERC	VAC	AC	230	230	0	May-04 Navy South	Navy North	1.5	OH			0			0	0	19876	l l	100
U SERC	VAC	AC	230	230	0	Jun-04 Fentress	Shawboro	28	OH			0			0	0	19876	I	100
U SERC	VAC	AC	230	230	0	May-05 Brambleton	Beaumead	11	OH			0			0	0	19876		100
U SERC	VAC	AC	230	230	0	May-05 Chickahamony	Lanexa	14	OH			0			0	0	19876	!	100
U SERC U SERC	VAC VAC	AC AC	230 230	230 230	628		Florence	32 7.5	OH	H	W	1590		2	1	1	3046 3046		100 100
U SERC U SERC	VAC	AC	230	230	1195 956	Jun-05 Richmond Jun-05 Varnville	Rockingham Sycamore	25	OH	H P	S	1590 1272		2	1	1	17543	S	100
U SERC	VAC	AC	230	230	930	Jun-05 Varnville Nov-05 Midlothian	Trabue	6	OH	г	- 3	12/2			0	0	19876	<u> </u>	100
U SERC	VAC	AC	230	230	956		Kingstree#2	35	OH	P	S	1272		2	2	2	17543	S	100
U SERC	VAC	AC	230	230	956	Jan-06 Dalzell	Camden	20	OH	P	S	1272		2	1	1	17543	S	100
U SERC	VAC	AC	230	230	0.00	May-06 Clark	ldylwood	4	OH	<u> </u>					0	0	19876	ĭ	100
U SERC	VAC	AC	230	230	628	Jun-06 Cape Fear	Siler City	30	OH	Н	W	1590		1	1	1	3046	i	100
U SERC	VAC	AC	230	230	628	Jun-06 Clinton	Lee	26	ОН	P	S	1590		1	1	1	3046	i	100
U SERC	VAC	AC	230	230	628	Jun-06 Florence	Marion	26	OH	Р	S	1590	ACSR	1	1	1	3046	ı	100
U SERC	VAC	AC	230	230	956	Jun-06 Hemingway	Red Bluff	43	ОН	Р	S	1272		2	1	1	17543	S	100
U SERC	VAC	AC	230	230	0	Nov-06 Midlothian	Winterpock	8	OH			0			0	0	19876		100
U SERC	VAC	AC	230	230	0	Dec-06 Fredericksburg	Possum Point (conver	24	ОН			0			0	0	19876		100
U SERC	VAC	AC	230	230	688		Whiteville	42.5	OH	Н	W	1590		1	1	1	3046	I	100
U SERC	VAC	AC	230	230	628		Wadesboro Bowman Sch	20	OH	P	S	1590		1	1	1	3046	<u> </u>	100
U SERC	VAC	AC	230	230	956		Lake City	13	OH	Р	S	1272		2	1	1	17543	S	100
U SERC	VAC	AC	230	230	0	1101 00 I loadailt Tioli	Hamliton	5	OH			0			0	0	19876		100
U SERC U SPP	VAC	AC AC	500 345	500 345	896	Dec-09 AEP Joshua Falls Jun-03 Flint Creek	DVP Ladysmith East Centerton	85 17	OH	С	С	795		2	0	0	19876 17698		100 100
U SPP	1	AC	230	230	558		Nichols Station	- 17	OH	S	S	795 795		2	2	2	17698		100
U SPP		AC	230	230	558		Switsher Co.Inta.	6	OH	S	S	795		1	2	2	17718		100
U SPP		AC	230	230	558		Seven Rivers Intg.	25	OH	W	W	795		1	1	1	17718		100
U SPP		AC	345	345	1653	Dec-04 Finney Co. Sw. Sta.	Lamar Interchange	106	OH	W	W	795		2	1	1	17718		100
U SPP	1	AC	345	345	1653	Jun-05 Potter Co Intg.	Frio Draw Intg.	145	OH	W	W	795		2	1	1	17718	- i	100
U SPP		AC	230	230	558	Jun-05 Pringle Intg	Moore Co. Intg.	35	OH	W	W	795		1	1	1	17718	i	100
U SPP		AC	230	230	558		Potash Jct.	34	OH	W	W	795		1	1	1	17718	1	100
U SPP		AC	345	345	1653	Dec-06 Potter Co Intg.	Northwest Intg. (OGE	275	OH	W	W	795	ACSR	2	1	1	17718		100
U SPP		AC	345	345	400	May-09 WFEC- Hugo Plant	AEPW - Pittsburg	66	OH	S	S	795	ACSR	1	1	1	20477	С	100
U SPP		AC	345	345	400		AEPW - Valliant	16	ОН	S	S	795		1	1	1	20477	С	100
U SPP		AC	345	345	956		Moore	115	ОН	W	W	1192		2	1	1	10000		50
U SPP		AC	345	345	956		Swissvale	50	OH	W	W	1192	ACSR	2	1	1	10000	ı	100
U WECC	AZN	AC	230	230	0	Apr-03 Phoenix AZ	Phoenix AZ	5				0			0	0	803		100
U WECC	AZN	AC	500	525	0	Apr-03 Harry Allen Sub NV	Duke Sub_NV	4				0			0	0	13407		100
U WECC	AZN	AC	500	525	0	Apr-03 Harry Allen Sub NV	Northwest Sub NV	30				0			0	0	13407		100
U WECC	AZN AZN	AC AC	500 230	500 230	0	Jun-03 Palo Verde AZ Jun-03 West Phoenix AZ	Rudd AZ Rudd AZ	30 14				0			0	0	803 803		100 100
U WECC	AZN	AC	230	230	0	Jun-03 White Tanks AZ	Rudd AZ	- 14				0			0	0	803		100
U WECC	AZN	AC	230	230	0	Jun-03 Faulkner Sub NV	Tolson Sub_NV	6		-	-	0		1	0	0	13407		100
U WECC	AZN	AC	230	230	n	Jun-03 Northwest NV	Arden NV	70			1	0		1	0	0	13407		100
U WECC	AZN	AC	500	500	0	Jun-03 Saguaro AZ	Tortolita AZ	1			l	0			0	0	24211		100
U WECC	AZN	AC	230	230	0	Jun-03 Shiprock NM	Four Corners NM	-8				0			0	0	27000		100
U WECC	AZN	AC	345	345	0		Four Corners NM	8				0			0	0	27000		100
U WECC	AZN	AC	345	345	0	Mar-04 Winchester AZ	Vail AZ	1				0			0	0	24211		100
U WECC	AZN	AC	345	345	0	Doo or bodin rib ii i	Nogales AZ	60				0			0	0	24211		100
	AZN	AC	345	345	0	DCC 04 OOUIII 712 #2	Nogales AZ	60				0			0	0	24211		100
U WECC						May-05 Coachella Tap CA	Indio CA	_		I	1	0	i		0	0	9216		100
U WECC	AZN	AC	230	230	0			5											
U WECC	AZN AZN	AC AC	230	230	0	Jun-05 Diamond NV	Mead NV	20				0			0	0	13407		100
U WECC U WECC	AZN AZN AZN	AC AC AC	230 230	230 230	0 0	Jun-05 Diamond NV Jun-05 Diamond NV	Mead NV Table Mountain NV	20				0			0	0	13407 13407		100
U WECC U WECC U WECC	AZN AZN AZN AZN	AC AC AC AC	230 230 230	230 230 230	0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Stirling NV	Mead NV Table Mountain NV Northwest NV	20 10				0 0			0 0	0 0 0	13407 13407 13407		100 100
U WECC U WECC U WECC U WECC U WECC	AZN AZN AZN AZN AZN	AC AC AC AC	230 230 230 230	230 230 230 230	·	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Stirling NV Dec-05 Gladstone NM	Mead NV Table Mountain NV Northwest NV Walsenburg CO	20 10 113				0 0 0			0 0 0	0 0 0	13407 13407 13407 30151		100 100 100
U WECC	AZN AZN AZN AZN AZN AZN	AC AC AC AC AC	230 230 230 230 230 500	230 230 230 230 230 525	0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Stirling NV Dec-05 Gladstone NM Apr-06 Harry Allen Sub NV	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV	20 10 113 60				0 0			0 0	0 0 0 0	13407 13407 13407 30151 13407		100 100 100 100
U WECC	AZN AZN AZN AZN AZN AZN AZN AZN AZN	AC AC AC AC AC AC AC AC	230 230 230 230 230 500 230	230 230 230 230 230 525 230	0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Stirling NV Dec-05 Gladstone NM Apr-06 Harry Allen Sub NV Apr-06 Florence AZ	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV Mesa AZ	20 10 113 60 20				000000000000000000000000000000000000000			0 0 0 0 0	0 0 0 0 0	13407 13407 13407 30151 13407 16572		100 100 100 100 100
U WECC	AZN	AC	230 230 230 230 500 230 230	230 230 230 230 525 230 230	0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Stirling NV Dec-05 Gladstone NM Apr-06 Harry Allen Sub NV Apr-06 Florence AZ Apr-06 Florence AZ	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV Mesa AZ Mesa AZ	20 10 113 60 20 20				0 0 0 0 0			0 0 0 0 0	0 0 0 0 0 0	13407 13407 13407 30151 13407 16572 16572		100 100 100 100 100 100
U WECC	AZN AZN AZN AZN AZN AZN AZN AZN AZN	AC	230 230 230 230 230 500 230	230 230 230 230 230 525 230	0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Stirling NV Dec-05 Gladstone NM Apr-06 Harry Allen Sub NV Apr-06 Florence AZ	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV Mesa AZ Mesa AZ Mesa AZ	20 10 113 60 20				0 0 0 0 0 0			0 0 0 0 0	0 0 0 0 0	13407 13407 13407 30151 13407 16572		100 100 100 100 100
U WECC	AZN	AC	230 230 230 230 500 230 230 500	230 230 230 230 525 230 230 500	0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Sitrling NV Dec-05 Gladstone NM Apr-06 Harry Allen Sub NV Apr-06 Florence AZ	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV Mesa AZ Mesa AZ	20 10 113 60 20 20 45				0 0 0 0 0 0 0			0 0 0 0 0 0	0 0 0 0 0 0	13407 13407 13407 30151 13407 16572 16572 16572		100 100 100 100 100 100 100
U WECC	AZN	AC A	230 230 230 230 500 230 230 230 500 500	230 230 230 230 525 230 230 500 500	0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Sitrling NV Dec-05 Gladstone NM Apr-06 Harry Allen Sub NV Apr-06 Florence AZ	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV Mesa AZ Mesa AZ Mesa AZ Florence AZ	20 10 113 60 20 20 45 50				0 0 0 0 0 0 0 0			0 0 0 0 0 0 0	0 0 0 0 0 0 0	13407 13407 13407 30151 13407 16572 16572 16572 16572		100 100 100 100 100 100 100 100
U WECC	AZN	AC A	230 230 230 230 500 230 230 500 500 500 500	230 230 230 230 525 230 230 230 500 500 500 500	0 0 0 0 0 0 0 0 0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Sitrling NV Dec-05 Gladstone NM Apr-06 Harry Allen Sub NV Apr-06 Florence AZ Apr-06 Superior AZ Apr-06 Superior AZ Apr-06 Superior AZ Apr-06 Wintersburg AZ	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV Mesa AZ Mesa AZ Mesa AZ Florence AZ Florence AZ Mesa AZ Pinal West AZ	20 10 113 60 20 20 45 50				0 0 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	13407 13407 13407 13407 136572 16572 16572 16572 16572 16572 16572		100 100 100 100 100 100 100 100 100 100
U WECC	AZN	AC A	230 230 230 230 230 500 230 500 500 500 500 500 230	230 230 230 230 230 230 525 230 500 500 500 500 500 230	0 0 0 0 0 0 0 0 0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Stirling NV Dec-05 Gladstone NM Apr-06 Harry Allen Sub NV Apr-06 Florence AZ Apr-06 Superior AZ Apr-06 Wintersburg AZ Apr-06 Superior AZ Apr-06 Superior AZ Apr-06 Superior AZ Apr-06 Junerior AZ Apr-06 Superior AZ Apr-06 Superior AZ Apr-06 Superior AZ Apr-06 Junerior AZ Apr-06 Superior AZ	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV Mess AZ Mess AZ Mess AZ Mess AZ Mess AZ Mess AZ Piorence AZ Fiorence AZ Pinal West AZ Firagstaff AZ	20 10 113 60 20 20 45 50 35				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	13407 13407 13407 30151 13407 16572 16572 16572 16572 16572 16572 16572 803		100 100 100 100 100 100 100 100 100 100
U WECC	AZN	AC A	230 230 230 230 500 230 230 500 500 500 500	230 230 230 230 525 230 230 230 500 500 500 500	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Jun-05 Diamond NV Jun-05 Diamond NV Oct-05 Stirling NV Dec-05 Gladstone NM Apr-06 Horry Allen Sub NV Apr-06 Florence AZ Apr-06 Florence AZ Apr-06 Florence AZ Apr-06 Piorence AZ Apr-06 Superior AZ Apr-06 Wintersburg AZ Apr-06 Wintersburg AZ Jun-06 Flagstaff AZ Jun-06 Flagstaff AZ	Mead NV Table Mountain NV Northwest NV Walsenburg CO Mead Sub NV Mesa AZ Mesa AZ Mesa AZ Florence AZ Florence AZ Mesa AZ Pinal West AZ	20 10 113 60 20 20 45 50 35				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	13407 13407 13407 13407 136572 16572 16572 16572 16572 16572 16572		100 100 100 100 100 100 100 100 100 100

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U WECC	AZN	AC	230	230	C	Jun-06 Santa Rosa AZ	Mobile AZ	20)		0	0	803	100
U WECC	AZN	AC	230	230	C	Jun-06 West Phoenix AZ	Liberty AZ	9			ו		0	0	803	100
U WECC	AZN	AC	345	345	C	Jun-06 Palo Verde AZ	Nogales AZ	432			0		0	0	15473	100
U WECC	AZN	AC	500	500	C	Jul-07 San Juan NM	West Mesa NM	125)		0	0	15473	100
U WECC	AZN	AC	230	230	(Jun-08 Lake Pleasant AZ	Pioneer AZ	9)		0	0	803	100
U WECC	AZN	AC	500	500			West Phoenix AZ	25		_	1		0	0	803	100
U WECC	AZN	AC	230	230	-	Jun-08 West Phoenix AZ	West Phoenix AZ	15		1 -	1		0	0	803	100
U WECC	AZN	AC	230	230		Jun-08 West Phoenix AZ	West Phoenix AZ	20		_			0	0	803	100
											,					
U WECC	AZN	AC	230	230		Jun-08 West Phoenix AZ	West Phoenix AZ	20)		0	0	803	100
U WECC	AZN	AC	500	525	C	Jun-08 Crystal Sub NV	Calpine Sub NV	6)		0	0	13407	100
U WECC	AZN	AC	500	525	C	Jun-08 Harry Allen Sub NV	Reliant Sub NV	6)		0	0	13407	100
U WECC	AZN	AC	500	500	0	Dec-08 Marketplace AZ	Moenkopi NV	201)		0	0	13314	100
U WECC	AZN	AC	500	500		Dec-08 Moenkopi AZ	Shiprock NM	194)		0	0	13314	100
U WECC	AZN	AC	230	230		Jun-09 Phoenix AZ	Phoenix AZ	16)		0	0	803	100
U WECC	AZN	AC	230	230		Jun-10 Cholla AZ	Snowflake AZ	36			ń		0	0	803	100
		AC									-		0			
U WECC	AZN		230	230			Yuma AZ	115)			0	803	100
U WECC	AZN	AC	230	230	C	Jun-10 Phoenix AZ	Phoenix AZ	7)		0	0	803	100
U WECC	AZN	AC	230	230	C	Jun-10 Table Mesa AZ	Raceway AZ	16			ו		0	0	803	100
U WECC	AZN	AC	230	230	C	Jun-10 Table Mesa AZ	Raceway AZ	16)		0	0	803	100
U WECC	AZN	AC	500	500	C	Jun-10 TS5 AZ	Table Mesa AZ	60)		0	0	803	100
U WECC	AZN	AC	230	230	-	Jun-12 Phoenix AZ	Phoenix AZ	11				Ì	0	0	803	100
U WECC	AZN	AC	500	500			Pinal West AZ	60		+ -	n e		0	0	24211	100
U WECC	AZN	AC	345	345			Vail AZ	14	—		2	-	0	0	24211	100
						Jun-12 South AZ			—		-	1				
U WECC	AZN	AC	345	345	C	Juli 12 Tottolita 712	South (Tucson)AZ	68			,		0	0	24211	100
U WECC	CNV	AC	230	230	C	1 02 00 1141011011004 04	San Mateo CA	13)		0	0	14328	100
U WECC	CNV	AC	230	230	C		San Luis Rey CA	1)		0	0	16609	100
U WECC	CNV	AC	230	230	C	May-03 Los Esteros CA	Metcalf CA	14)		0	0	14328	100
U WECC	CNV	AC	230	230			Los Esteros CA	14)		0	0	14328	100
U WECC	CNV	AC	230	230		May-03 Newark CA	Metcalf CA	-28		1	Ď		0	0	14328	100
U WECC	CNV	AC	230	230			Livermore CA	20)	1	0	0	14328	100
U WECC	CNV	AC	230	230		Jun-03 Lodi-Stagg CA	Eight Mile Rd CA	3)		0	0	14328	100
					· ·			1			,					
U WECC	CNV	AC	230	230	C	may or Babiin on	Livermore CA	6)		0	0	14328	100
U WECC	CNV	AC	500	500	C	Cot C : Cated C/t	Los Banos CA	86)		0	0	14328	100
U WECC	CNV	AC	230	230	C	May-05 Contra Costa CA	Las Positas CA	22			0		0	0	14328	100
U WECC	CNV	AC	230	230	C	Jun-05 San Diego CA	San Diego CA	35)		0	0	16609	100
U WECC	CNV	AC	230	230	(Sep-05 Redwood City CA	Daly City CA	27)		0	0	14328	100
U WECC	CNV	AC	230	230		Jun-06 Escondido CA	San Clemente CA	51			Ď		0	0	16609	100
U WECC	CNV	AC	230	230			Westley CA	15)		0	0	27000	100
											2		0		27000	
U WECC	CNV	AC	230	230	,	oop oo maay on	East Altamont CA	14			,		·	0	2,000	100
U WECC	CNV	AC	230	230	C		Westley CA	-29)		0	0	27000	100
U WECC	CNV	AC	230	230	C	Jan-07 Elk Grove CA	Tracy CA	40)		0	0	27000	100
U WECC	CNV	AC	230	230	C	Jun-08 San Diego CA	San Diego CA	10			0		0	0	16609	100
U WECC	CNV	AC	500	500		Jun-08 San Diego County CA	Riverside County CA	31)		0	0	16609	100
U WECC	CNV	AC	230	230	(Fresno CA	120)		0	0	14328	100
U WECC	NWP	AC	230	230		Oct-03 Brownlee ID	Oxbow OR	11		_	1		0	0	9191	100
U WECC	NWP	AC	500	500			Raver sub_WA	10		_	0		0	0	1738	100
								10			-					
U WECC	NWP	AC	230	230	, c		Middleton ID	5		')		0	0	9191	100
U WECC	NWP	AC	345	345	C	May-04 Dunphy NV	Ely NV	173		-)		0	0	17166	100
U WECC	NWP	AC	230	230	C	Jun-04 Monument WY	Craven Creek WY	18)		0	0	14354	 100
U WECC	NWP	AC	230	230		Jun-04 Point of Rocks WY	Rock Springs WY	26)		0	0	14354	100
U WECC	NWP	AC	345	345	C	Jun-04 Syracuse UT	Syracuse UT	2	i i	1)		0	0	14354	100
U WECC	NWP	AC	345	345	C		Mona UT	2)	Ì	0	0	14354	100
U WECC	NWP	AC	500	500		Oct-04 Coulee City WA	Spokane WA	83			-		0	0	1738	100
U WECC	NWP	AC	230	230	_	Oct-04 Eagle ID	Middleton ID	14	 			1	0	0	9191	100
)	-	0	-		100
U WECC	NWP	AC	230	230		our oo ramaran ib	Beacon WA	25				1	_	0	20169	
U WECC	NWP	AC	345	345		our oo opanish fork of	Spanish Fork UT	2)		0	0	14354	100
U WECC	NWP	AC	500	525	C	Out do Elloriobarg Tirt	Sunnyside WA	62)		0	0	1738	100
U WECC	NWP	AC	345	345	C	Jan-06 Tri-City UT	Tri-City UT	2		-	0		0	0	14354	 100
U WECC	NWP	AC	500	525	C	Oct-06 Centralia WA	Shelton WA	20		-)		0	0	1738	100
U WECC	NWP	AC	230	230			Beaverton OR	5)		0	0	15248	100
U WECC	NWP	AC	230	230			Shawnee WA	60					0	0	20169	100
U WECC	NWP	AC	500	525	_	Oct-09 Monroe WA	Issiquah WA	20	 			1	0	0	1738	100
	NWP				_			20	 			1		-	15248	100
		AC	230	230		1101 00 001101 011	Oregon City OR	5)		0	0		
U WECC	NWP	AC	230	230		Nov-09 Gresham OR	Troutdale OR	9)		0	0	15248	100
U WECC	NWP	AC	500	525			Monroe WA	122)		0	0	1738	100
U WECC	NWP	AC	500	500		Dec-12 Ely NV	Las Vegas NV	240		-)		0	0	9191	100
U WECC	NWP	AC	500	500	C		Wells NV	130	i i)		0	0	9191	100
U WECC	NWP	AC	500	500		Dec-12 Wells NV	Ely NV	150			Ď	1	0	0	9191	100
U WECC	RMP	AC	230	230	-		Smoky Hill CO	-29			n e		0	0	15466	100
U WECC	RMP	AC						19			2	-	0	0	15466	100
			230	230		ividy ob order valley oo	Spruce CO				-	_				
U WECC	RMP	AC	230	230		May-03 Spruce CO	Smoky Hill #1 CO	10)		0	0	15466	100
U WECC	RMP	AC	230	230	C	ividy objective oo	Smoky Hill #2 CO	10)		0	0	15466	100
			230	230		May-03 Tower CO	Smoky Hill CO		1 -		· -		0	0	15466	 100
U WECC	RMP	AC						-16		')					
U WECC U WECC	RMP RMP	AC AC	230	230	C		Spruce CO	-16 6					0	0	15466	100

U	WECC	RMP	AC	230	230	0	Dec-03 Lamar CO	Golden Prairie CO	40	0	0	0	15466	100
U	WECC	RMP	AC	345	230	0	May-04 Green Valley CO	Spruce #2 CO	19	0	0	0	15466	100
U	WECC	RMP	AC	230	230	0		Steamboat #2 CO	16	0	0	0	15466	100
U	WECC	RMP	AC	230	230	0	Oct-04 Car Draw WY	Hartzog WY	43	0	0	0	1307	100
U	WECC	RMP	AC	230	230	0	Oct-04 Teckla WY	Hartzog WY	28	0	0	0	1307	100
U	WECC	RMP	AC	230	230	0	May-05 Denver Terminal CO	Arapahoe CO	7	0	0	0	15466	100
U	WECC	RMP	AC	345	230	0	May-05 Midway CO	Daniels Park #1 CO	70	0	0	0	15466	100
U	WECC	RMP	AC	345	230	0	May-05 Midway CO	Daniels Park #2 CO	70	0	0	0	15466	100
U	WECC	RMP	AC	230	230	0	May-05 Midway CO	Daniels Park CO	-70	0	0	0	15466	100
U	WECC	RMP	AC	230	230	0	Dec-09 Walsenburg CO	San Luis Valley CO	75	0	0	0	30151	

- U | WECC | RMP | AC | 230 | 230 | 0 | Dec-09|Walsenburg CO | San Luis Valley CO | 75 |

 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=Alterninium; ACCR-Altuminum 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:0=Other.

 * Pole Type: P=Single pole; H=H-frame: T=nower Light Inderground; 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."