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

New Update Cottober 2008
Table 6. Existing and Proposed High-voltage Transmission Line Additions Filed in Calendar Year 2001, by North American Electric Reliability Council, 2002 Through 2011

Various)		A ====	Voltage				,	Flactuical Occur			Line let			C 1	.atas Ol		Circuita				
Ge	ographic	Area		Voltage		Capacity	In-		ection Locations	Line Information			,	Condu	ictor Char	acteristics	Circuits		Company Information		ition
Country	NERC Region	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	Ownershi (Percent
U	ECAR		AC	500	500	0		South Bend	Yukon - Keystone	0				0			0	0	550	!	
U	ECAR ECAR		AC AC	345 345	345 345	0		Nelson Rd Nelson Rd	Goss - Vergennes Kenowa - Tittabawass	0				0			0	0	4254 4254		
Ü	ECAR		AC	345	345	0		Renaissance	Nelson Rd	2.5				0			0	0	4254	i	+
Ü	ECAR		AC	345	345	0	May-02		Muskingum River - Ti	0.5				0			0	0	488	i	†
U	ECAR		AC	345	345	0		Waterford	Muskingum River - Sp	0.5				0			C	0	488	I	
U	ECAR		AC	345	345	0		Roosevelt	Campbell - Gaines	0				0			0	0	4254		
U	ECAR ECAR		AC AC	345	345	0	May-02		Roosevelt #2	1.5				0			0	0	4254 6449	!	
U	ECAR		AC	345 345	345 345	0		Lemoyne North Medina	Troy Energy CTs Carlisle-Star	0.1				0			0	0	6449	 	+
Ü	ECAR		AC	345	345	0		Shalersville	Hanna-Juniper	0.1				0			0	0		i	+
U	ECAR		AC	345	345	0		Convoy	East Lima - Robison	0.5				0			C	0		1	
U	ECAR		AC	345	345	0		Darwin	Breed - Eugene	0.5				0			C	0		1	
U	ECAR		AC	345	345 345	0		Foothills	Baker	0.5				0			0	0	100	!	
U	ECAR ECAR		AC AC	345 345	345	0	Jun-02	Kirk Sugar Creek	West Millersport Cayuga CT - Dresser	9				0				0			+
U	ECAR		AC	345	345	0		Frances Creek	Petersburg-Hanna	0	l	-	1	0		-	0	0		l i	+
Ü	ECAR		AC	230	230	0		Dale Summit	Milesburg - Shinglet	0				0				0		i	
U	ECAR		AC	230	230	0		Old Farm	Monocacy - Ringgold	1				0			0	0		I	
U	ECAR		AC	345	345	0	Aug-02		Palisades	0.75	ļ	ļ		0			0	0	4254		1
U	ECAR ECAR		AC AC	345 500	345 500	0		Terre Coupee Ronco	Dumont - Olive Fort Martin-Hatfield	0.5	 	 	-	0	-	 	0	0	488 550	 	+
U	ECAR		AC	345	345	0		Lawrenceburg	Tanners Creek	0.2	-	 	+	n		-	0	0		 	+
Ü	ECAR		AC	765	765	0		Cornu	Hanging Rock	0.5				0			C	0		i	1
U	ECAR		AC	500	500	0	May-03	Yukon IPP	Yukon 500kV Substati	0.5				0			C	0	550	I	
U	ECAR		AC	765	765	0		Flatlick	Gavin - Marysville	0.5				0			C	0	488		
U	ECAR		AC	345	345	0		Cassady	Breed - Dequine	0.5			ļ	0			0	0	488	!	
U	ECAR ECAR		AC AC	345 345	345 345	0		Cassady Knox	Dresser Amo - Wheatland	1 0				0			0	0		!	+
Ü	ECAR		AC	345	345	0		Vigo	Cayuga CT - Dresser	0				0			0	0		i	+
U	ECAR		AC	230	230	0		Lime Kiln	MDM Tap	0				0			C	0	550	1	
U	ECAR		AC	230	230	0		Boonsboro	Doubs - Ringgold	3.3				0			0	0	550		
U	ECAR		AC	345	345	0		Norton Energy Storag	Star	3				0			0	0	0110	!	
U	ECAR ECAR		AC AC	500 500	500 500	0		White Oak White Oak	Harrison - Wylie Rid Mt Morris 502 Jct -K	0.4				0				0			+
U	ECAR		AC	765	765	0		Foster Falls	Jacksons Ferry	0.5				0			0	0		<u> </u>	+
Ü	ECAR		AC	230	230	0		East Danville	Roxboro #1	0.5				0			C	0		i	1
U	ECAR		AC	230	230	0		East Danville	Roxboro #2	0.5				0			0	0			
U	ECAR		AC	230	230	0	May-04		Spokane	0				0			0	0	0.00	-	
U	ECAR ECAR		AC AC	500 500	500 500	0		Andersonville Friendsville	Mt Morris 502 Jct -K Hatfield - Black Oak	0.2				0				0		!	+
Ü	ECAR		AC	345	345	0		Barron Lake	Cook - East Elkhart	0.5				0			0	0	488	<u> </u>	+
Ü	ECAR		AC	345	345	0		Barron Lake	Cook - Kenzie Creek	0.5				0			Ö	0	488	i	1
U	ECAR		AC	345	345	0		Lawrence County	Bedford - Columbus	0				0			0	0	3559		
U	ECAR		AC	345	345	0		Lawrence County	Bedford - Lost River	0				0			0	0	3559	-	
U	ECAR ECAR		AC AC	345 345	345 345	0		Tipsico Lake	Blackfoot - Madrid J.K. Smith	17				0			0	0	4254 5580	C	+
Ü	ECAR		AC	230	230	0		Avon Urbana	MDM Tap - Montgomery	4				0			0	0	550	i	+
Ü	ECAR		AC	500	500	0		Taylorstown	Harrison - Wylie Rid	0.2				0			C	0	550	i	1
U	ECAR		AC	345	345	0	Dec-04	Spurlock	Stuart / Zimmer	3				0			C	0	0000	С	
U	ECAR		AC	765	765	0		Lawrence County	Hanging Rock	0.5				0			0	0	100	!	1
U	ECAR		AC	230	230	0	Jun-05		Carbon Center	5.7		<u> </u>		0		-	0	0			
U	ECAR ECAR		AC AC	230 500	230 500	0		Ridgeville Kempton	Mt. Airy - Damascus Mt Storm - Pruntytow	0.2		<u> </u>		0		-	0	0	550 550		+
Ü	ECAR	+	AC	765	765	0		Wyoming	Jacksons Ferry	90	 	 		0			0	0		i	
U	ECAR		AC	345	345	0		Felch Rd	Kenowa - Ludington	0				0			C	0	4254	1	1
U	ECAR		AC	230	230	0	Nov-06	South Frederick	Lime Kiln - Monocacy	0.2				0			C	0			Ţ
U	ERCOT		AC	345	345	0		Farmersville	Anna	25.5		ļ		1631	ACSR		C	0		!	10
U	ERCOT		AC AC	345 345	345 345	0		Graham Pawnaa	Jacksboro Coleto Creek		OH OH	<u> </u>	-	1631 1515	ACSR ACSR	-	0	0	-681 3278		11
U	ERCOT		AC	345	345	0	Dec-02	Pawnee San Miguel	Pawnee		ОН	1		1515		1	- 0	1 0	17583	C	11
U	ERCOT		AC	345	345	0		Morgan Creek	Twin Buttes	65		-	1	1515		-	0	0	20404	i	10
Ü	ERCOT		AC	345	345	0		Red Creek	Comanche		ОН			1515			C	0	20404	i	10
U	ERCOT		AC	345	345	0		Twin Buttes	Red Creek		OH			1515	ACSR		0	0	20404	l I	1
U	ERCOT		AC	345	345	0	Jun-03	Forney	Centerville	14.9	OH			1631	ACSR		0	0	-681	I	1

U ERCOT	AC 345 3	45 0 Jun-03	Mustang Creek	Tractebel plant	5IOH		1631	ACSR		0 0 0	811 I	100
U ERCOT		45 0 Jun-03		Cedar Hill	17.7 OH		1072	ACSR			681 I	100
					11.4 OH			ACSR				100
		45 0 Jun-03		Tricorner			1631				881 I	
U ERCOT		45 0 Jun-03		West Levee	17.7 OH		1631	ACSR			881 I	100
U ERCOT		45 0 Jun-03		Jewett	96.3 OH		906	ACSR			901 I	84
U ERCOT		45 0 Jun-04		Liggett	27.9 OH		1631	ACSR			81 I	100
U ERCOT	AC 345 3	45 0 Jun-04	West Levee	Norwood	7.2 OH		1631	ACSR		0 0 -6	81 I	100
U ERCOT	AC 345 3	45 0 Jun-04		Harris Branch	13.8 OH		1010	ACSR		0 0 10)15 M	100
U ERCOT	AC 345 3	45 0 Jun-05		Anna	70 OH		1631	ACSR		0 0 -6	81 I	100
U ERCOT		45 0 Jun-06		Kenall	45 OH		1100			0 0 166		100
U ERCOT				West Denton	50 OH		1631	ACSR			681 I	100
					35.8 OH		1631	ACSR			681 I	100
				NW Carrollton								
U ERCOT		45 0 Jun-07		South McAllen	12.2 OH		1011	ACSR			278 I	100
U ERCOT				Ranch	25 OH		905	ACSR			278 I	100
U ERCOT				Bates	22.3 OH		1011	ACSR			278 I	100
U ERCOT	AC 345 3	45 0 Jun-07	Rio Hondo	Loma Alta	25 OH		1011	ACSR		0 0 32	278 I	100
U FRCC	AC 230 2	30 0 Mar-02	Fort Myers	Orange River	3		0			0 0 64	152 I	100
U FRCC	AC 230 2	30 0 Mar-02	Greynolds	Laudania	7		0			0 0 64	152 I	100
U FRCC		30 0 Jun-02		Malabar #2	26		0			0 0 64	152 I	100
U FRCC		30 0 Jun-02		Malabar #3	26		0			0 0 64		100
U FRCC		30 0 May-03		Pebbledale	1		0				155 I	100
U FRCC		30 0 May-03		Barcola #2	3	 	0				155 I	100
					3	—	1 0					
U FRCC		30 0 May-03		Firestone	ь		0				617 I	100
U FRCC		30 0 May-03		S.Kernan	U		0				617 I	100
U FRCC		30 0 May-03		Commerce South	4		0				617 I	100
U FRCC		30 0 May-03		Duval	4		0			0 0 96		100
U FRCC	AC 230 2	30 0 May-03	Commerce North	Steelbald	4		0			0 0 96	617 I	100
U FRCC	AC 230 2	30 0 May-03	Commerce South	Jax Heights	6		0	i		0 0 96	617 I	100
U FRCC		30 0 May-03	Forest	Center Park	0		0			0 0 96		100
U FRCC		30 0 May-03		Greenland	0		0			0 0 96		100
U FRCC		30 0 May-03		Firestone	Ď.		0				517 I	100
U FRCC		30 0 May-03	Normandy	Cecil Field			0		1	0 0 96		100
					3		0					
U FRCC		30 0 May-03		Jax Heights	0		0			0 0 96		100
U FRCC		30 0 May-03	S.Kernan	Greenland	0		0				617 I	100
U FRCC		30 0 Jun-03		Rainberry-Yamato	1		0			0 0 6		100
U FRCC		30 0 Jun-03	Broward-Goolsby	Yamato	3		0				152 I	100
U FRCC	AC 230 2	30 0 Jun-03	Cortez	Johnson	11		0			0 0 6	152 I	100
U FRCC	AC 230 2	30 0 Jun-03	Delmar	Yamato	2		0			0 0 6	152 I	100
U FRCC	AC 230 2	30 0 Jun-03	Duval-Kingsland	Yulee-Oneil	7		0			0 0 64	152 I	100
U FRCC		30 0 Jun-03		turnpike	2		0				152 I	100
U FRCC		30 0 Jun-03	_	Juneau	14		0			0 0 184		100
U FRCC		30 0 Nov-03		Commerce North	0		0				617 I	100
U FRCC					9		0			0 0 96		100
				Commerce North	9		0					
		30 0 Dec-03		Coast-Peachland	/		0			0 0 6		100
U FRCC		30 0 Dec-03		Ohio-Sheldon	4		0			0 0 184		100
U FRCC		30 0 Mar-04		Switching Station	4		0			0 0 96		100
U FRCC	AC 230 2	30 0 Mar-04	NAP	Switching Station	4		0			0 0 96	617 I	100
U FRCC	AC 230 2	30 0 May-04	Center Park	Greenland	19		0			0 0 96	617 I	100
U FRCC			Greenland	Nocatee	9		0				617 I	100
U FRCC		30 0 May-04		Nocatee	9		0			0 0 96		100
U FRCC		30 0 May-04		Center Park	11		0				617 I	100
U FRCC		30 0 Jun-04		Pennsuco	2	 	0				152 I	100
U FRCC					41		0			0 0		
				Overtown	11							100
U FRCC				Whidden	14		0				155 I	100
U FRCC				West Lake Wales #1	21		0			0 0 6		100
U FRCC				Normandy	0		0				617 I	100
U FRCC		30 0 May-05		SJRPP	0		0				617 I	100
U FRCC	AC 230 2	30 0 Jun-05	Indiantown	Martin #2	12		0			0 64	152 I	100
U FRCC	AC 230 2			Chapman	23		0	i		0 0 184	154 I	100
U FRCC				Windermere #1	10		0				155 I	100
U FRCC				Windermere #2	10		0				155 I	100
U FRCC		30 0 Jun-06		Dale Mabry	13		0	-		0 0 184		100
U FRCC		30 0 May-07		Griffin	44	 	0	-			155 I	100
U FRCC					13		0				152 I	100
				Oakland Park Gifford	10		0				155 I	100
U FRCC		00 Jun-08		Levee	36		0				152 I	100
U FRCC				Davis	14		0			0 0 184		100
U FRCC U FRCC	AC 230 2	30 0 Jun-08										
U FRCC U FRCC U FRCC	AC 230 2 AC 230 2	30 0 Jun-08 30 0 Jun-08	Lithia	Wheeler	11		0			0 0 184		100
U FRCC U FRCC U FRCC U FRCC	AC 230 2 AC 230 2 AC 230 2	30 0 Jun-08 30 0 Jun-08 30 0 Aug-08	Lithia		30		0			0 0 64	155 I	100
U FRCC U FRCC U FRCC	AC 230 2 AC 230 2 AC 230 2	30 0 Jun-08 30 0 Jun-08	Lithia Intercession City	Wheeler						0 0 64		
U FRCC U FRCC U FRCC U FRCC	AC 230 2	30 0 Jun-08 30 0 Jun-08 30 0 Aug-08 30 0 Aug-08	Lithia Intercession City Intercession City	Wheeler West Lake Wales #1	30		0			0 0 64	155 I	100
U FRCC U FRCC U FRCC U FRCC U FRCC U FRCC	AC 230 2 AC 230 2 AC 230 2 AC 230 2 AC 230 2	30 0 Jun-08 30 0 Jun-08 30 0 Aug-08 30 0 Aug-08 30 0 May-09	Lithia Intercession City Intercession City Hines Energy Complex	Wheeler West Lake Wales #1 West Lake Wales #2	30 30 21		0			0 0 64 0 0 64 0 0 64	155 I 155 I	100 100
U FRCC	AC 230 2 AC 230 2 AC 230 2 AC 230 2 AC 230 2 AC 230 2	30 0 Jun-08 30 0 Jun-08 30 0 Aug-08 30 0 Aug-08 30 0 May-09 30 0 May-10	Lithia Intercession City Intercession City Hines Energy Complex Perry	Wheeler West Lake Wales #1 West Lake Wales #2 West Lake Wales #2 Drifton	30 30 21 35	T 9	0 0 0	ACSRS		0 0 64 0 0 64 0 0 66 0 0 66	155 I 155 I 155 I	100 100 100 100
U FRCC	AC 230 2	30 0 Jun-08 30 0 Jun-08 30 0 Aug-08 30 0 Aug-08 30 0 May-09 30 0 May-10	Lithia Intercession City Intercession City Hines Energy Complex Perry Mickleton	Wheeler West Lake Wales #1 West Lake Wales #2 West Lake Wales #2	30 30 21	T S T S	0 0 0 0 0 238	ACSRS ACSRS		0 0 64 0 0 64 0 0 66 0 0 66	155	100 100 100

U MAAC		AC	230	230	1590	Jun-04 Yorkanna	Otter Creek	12 OH			650	ACCDC		2 14715		400
U MAIN		AC	345	345	1590	Jun-03 Rush	St. Francois -2	17 OH		3	000	ACSRS	1	0 19436	<u> </u>	100
U MAIN		AC	345	345	2156		Badger Power	3 OH	_	S	1328	ACSRS	1	1 659	-	100
		AC			2156				+ +	S	1328	ACSKS	1			
U MAIN		AC	345	345 345	0	Jun-04 Pleasant Valley	Silver Lake	6.9 OH		3	0			0 4110	-	100 100
U MAIN			345		0	Jun-04 Cahokia	Dupo	8 OH	-				0	0 19436		
U MAIN		AC AC	345	345	0	Jun-04 Callaway	Franks	60 OH	-		0			0 19436		100
U MAIN			345	345	0	Jun-04 Loose Creek	Jefferson City	15 OH			0		0	0 19436		100
U MAIN		AC	345	345	2500	Dec-04 Garfield	Taylor	6.3 UG			700		1	1 4110		100
U MAIN		AC	345	345	1272	Jun-05 Arrowhead	Weston	225 OH	T	S	1200		1	1 659		100
U MAIN		AC	345	345	2156	Jun-07 Morgan	Werner West	50 OH	T	S	1446		1	1 659	l l	100
U MAPP		AC	230	230	954	Oct-02 Rugby Substation	Canadian Border	53 OH	T	S	0		1	1 13781	I	100
U MAPP		AC	230	230	954	Oct-02 Harvey	Rugby	40.3 OH	T	S	564		1	1 14232	I	100
U MAPP		AC	345	345	954		Sub 3455	4 OH	Т	S		ACSRD	0	1 14127	S	100
U MAPP		AC	345	345	954	May-03 Sub 3740	Sub 3458	5 OH	Т	S	1158		0	1 14127	S	100
U MAPP		AC	345	345	1272	Jan-05 Arrowhead	MN-WI State line	12.44 OH	Т	S	800	ACSRD	1	2 12647		100
U NPCC	NE	AC	345	345	0	Jun-02 Mystic Station S/S	N. Cambridge S/S	4.7 UG			0		0	0 1998	1	100
U NPCC	NE	AC	345	345	0	Jun-02 Woburn S/S	N. Cambridge S/S	6 UG			0		0	0 1998		100
U NPCC	NE	AC	230	230	0	Jun-02 N.Litchfield	Tewksbury 22 Sub	23.8 OH			0		0	0 13433	I	100
U NPCC	NE	AC	230	230	0	Jun-02 N.Litchfield Sub	AES Switchyard	12.7 OH			0		0	0 13433	I	100
U NPCC	NE	AC	345	345	0	Dec-02 Coolidge S/S	West Rutland S/S	27.4 OH			0		0	0 19899		100
U NPCC	NE	AC	345	345	0	Dec-03 Orrington S/S	Maine/New Brunswick	84 OH			0		0	0 11517	I	100
U NPCC	NE	AC	345	345	0	Jun-04 Line 336 Tap	IDC S/S	0.1 OH			0		0	0 1998		100
U NPCC	NE	AC	345	345	n	Jun-04 Canal S/S	Oak St. S/S	15.6 OH	1		0		0	0 4089	i	100
U NPCC	NE	AC	345	345	0	Dec-06 Beseck Jct.	East Devon	32.6 OH	P	0	2038		1 3	2 4176	i	100
U NPCC	NE	AC	345	345	0		Beseck Jct.	2.9 OH	P	0	2038		1 2	2 4176	l i	100
U NPCC	NE	AC	345	345	0	Dec oo black i olid oot.	Beseck Jct.	2.9 OH	P	0	2038		1 2	2 4176	 	100
U NPCC	NE	AC	345	345	0	Dec-06 Chestnut Jct.	Beseck Jct.	9 OH	P	0	2038		1 2	2 4176	i i	100
U NPCC	NE NE	AC	345	345	0	Dec-06 East Devon	Trumbull Jct.	4.2 OH	P	0	2038		1 4	2 4176	i i	100
U NPCC	NE NE	AC AC	345	345	0	Dec-06 Peguonnock	Norwalk	4.2 OH 24.2 OH	P	0	2038		4	2 4176		100
U NPCC	NE NE	AC	345	345	0		Norwalk	24.2 OH 20.1 OH	P	0	2038		2	2 4176	 	100
					0				P				2			
U NPCC	NE	AC	345	345	0	Dec-06 Scovill Rock	Chestnut Jct.	2.6 OH	Р	0	2038		2	2 4176		100
U NPCC	NE	AC	345	345	0		Trumbull Junction	5.3 OH			v		0	0 19497		100
U NPCC	NE	AC	345	345	0	Boo oo ii aiibali oalioloii	Pequonnock Substatio	5.3 OH			0		0	0 19497	l l	100
U NPCC	NE	AC	345	345	0	Dec-06 New Haven	W. Rutland	30.4 OH			0		0	0 19899		100
U NPCC	NE	AC	345	345	0		New Haven S/S	20.6 OH			0		0	0 19899	I	100
U NPCC	NE	AC	230	230	0	Dec-07 Middlesex S/S	Granite	16 OH			0		0	0 19899	I	100
U NPCC	NE	AC	345	345	0	Dec-08 Card	Lake Road Station	29 OH	P	0	2038		2	2 4176	I	100
U NPCC	NE	AC	345	345	0	Dec-08 Lake Road Station	Sherman Rd.(N.Grid)	7.5 OH	P	0	2038	ACSRD	2	2 4176	1	100
U SERC	ENT	AC	230	230	1033	Feb-02 Shaky Joe Swamp	Hinsons Crossroads	5.8 OH	Т	S	502	ACSRS	1	1 7801	1	100
U SERC	ENT	AC	230	230	1351	Apr-02 Farley N. P.	Sinai Cemetery	28.12 OH	0	С	807	S	8 1	1 7801		61
U SERC	ENT	AC	230	230	1351	Jun-02 Albany	S. Putney	10 OH	0	W	602	ACSRS	1	1 7140		100
U SERC	ENT	AC	230	230	1351	Jun-02 Cartersville	Nelson	27 OH	0	W	602	ACSRS	1	1 7140	I	100
U SERC	ENT	AC	230	230	1351	Jun-02 East Point	Northwest	9 OH	T	S	602	ACSRS	1	1 7140	1	100
U SERC	ENT	AC	230	230	1351	Jun-02 Lawrenceville	Suwanee	7 OH	0	W	602	ACSRS	1	1 7140		100
U SERC	ENT	AC	230	230	1590	Jun-03 Falls	Honeycutt	6 OH	T	S	1256		2	2 3046		100
U SERC	ENT	AC	230	230	1590	Jun-03 Rocky Mount	Wilson	13 OH	T	S	628		2	2 3046	i	100
U SERC	ENT	AC	230	230	1351	Jun-04 Augusta 15th St	Evans	15 OH	Ť	S	602		1 1	1 7140	i	100
U SERC	ENT	AC	230	230	1351	Jun-04 Klondike	Stockbridge	12 OH	Ö	W	602		1	1 7140	<u> </u>	100
U SERC	ENT	AC	230	230	1351	Jun-04 Lake Beatrice	Stump Creek	26 OH	0	W	602		1 1	1 7140	 	100
U SERC	ENT	AC	230	230	1351	Jun-04 Middlefork	Clermont Jct.	19 OH	0	W	602		1 1	1 7140	 	100
U SERC	ENT	AC	230	230	1351	Jun-04 Old Alabama	Holcomb Bridge TP SW	9 OH	0	W	602			1 7140	 	100
	ENT	AC	230	230	1590									1 3046	 	100
						Jun-05 Darlington County	Florence	32 OH	0	W	628		 		 	
U SERC U SERC	ENT ENT	AC	230	230	1590	Jun-05 Richmond Jun-05 Clermont Junction	Rockingham	6 OH 18 OH	0	W	1195 602		1 1	1 3046	-	100 100
		AC	230	230	1351		South Hall		_	W			1 1			
U SERC	ENT	AC	230	230	1351	Jun-05 Gordon	North Dublin	32 OH	0	W	602		1 1	1 7140	!	100
U SERC	ENT	AC	230	230	1590	Jun-06 Cape Fear	Siler City	30 OH	0	W	628		1 1	1 3046		100
U SERC	ENT	AC	230	230	1590	Jun-06 Lee Substation	Clinton	27 OH	0	W	628		1	1 3046		100
U SERC	ENT	AC	230	230	1590	Jun-06 Rockingham	Wadesboro Bowman Sch	20 OH	0	W	628		1 1	1 3046	I	100
U SERC	ENT	AC	230	230	1351	Jun-06 N. Marietta	Smyrna	2 OH	0	W	602		1	1 7140		100
U SERC	ENT	AC	500	500	1113	Jun-07 Mcgrau Ford	Mostellar Springs	35 OH	Т	S	3429		1	1 7140		100
U SERC	ENT	AC	230	230	1351	Jun-07 Cumming	Shoal Creek	8 OH	0	W	602		1	1 7140		100
U SERC	ENT	AC	230	230	1351	Jun-07 Holly Springs	McGrau Ford	9 OH	0	W	602	ACSRS	1	1 7140		100
U SERC	ENT	AC	230	230	1351		Johnson Ferry	4 OH	0	W	602	ACSRS	1	1 7140		100
U SERC	ENT	AC	230	230	1351	Jun-08 Hickory Grove	West Valdosta	18 OH	0	W	602		1	1 7140	I	100
U SERC	ENT	AC	230	230	1351	Jun-08 Klondike	Stockbridge	12 OH	0	W	602		1	1 7140		100
U SERC	ENT	AC	230	230	1351	Jun-08 Parkaire	Roswell	5 OH	0	С	602		1	1 7140		100
U SERC	ENT	AC	230	230	1351	May-09 Rogue Creek	Crystal Beach	21 OH	ō	Č	807		1	1 7801		100
U SERC	ENT	AC	500	500	1113	Jun-09 South Hall	Wallace Dam	100 OH	Ť	Š	3429		1 1	1 7140	i i	100
U SERC	ENT	AC	230	230	1351	Jun-09 Bio	Middle Fork	40 OH	Ö	W	602		1 1	1 7140	i	100
U SERC	ENT	AC	230	230	1351	Jun-09 Conyers	Cornish Mountain	10 OH	0	W	602		1 1	1 7140	i	100
U SERC	ENT	AC	230	230	1351	Jun-09 Conyers	Klondike	7 OH	0	W	602		1 1	1 7140	i	100
U SERC	ENT	AC	230	230	1351	Jun-09 Conyers	Ponce De Leon	21 OH	0	W	602		1 1	1 7140	i	100
U SERC	ENT	AC	230	230	1351	Jun-09 Dorchester	Offerman	56 OH	0	W	602		1 1	1 7140	i i	100
		AC	230	230	1351	Jun-09 Dorchester Jun-09 Ponce De Leon	Orrerman Snellville	12 OH	0	W	602		1	1 7140		100
U SERC	ENT															

U SERC	ENT	AC	230	230	1351	Jun-09 Raccoon Creek	Thomasville	36IOH	0	W	602	ACSRS	1 1	1 7140		100
U SERC	ENT	AC	230	230	1351	Jun-09 Wallace Dam	Warrenton	32 OH	0	W	602	ACSRS	1 1	1 7140	i -	100
U SERC	ENT	AC	500	500	1113	Jun-10 Thalman	Duval #2	41 OH	0	W	3429	ACSRT	 	1 7140	i i	100
U SERC	ENT	AC	230	230	1351	Jun-10 Center	E. Watkinsville	30 OH	Ö	W	602	ACSRS	 	1 7140		100
U SERC	ENT	AC	230	230	1351	Jun-10 Clermont Junction	Gainesville #2	20 OH	Ö	W	602	ACSRS	1	1 7140	i	100
U SERC	ENT	AC	500	500	1113	Jun-11 Union City	Wansley	25 OH	Ť	S	3429	ACSRT	1 1	1 7140	i	100
U SERC	ENT	AC	230	230	1351	Jun-11 Shoal Creek	Suwanee	13 OH	0	W	602		1	1 7140	I	100
U SERC	SOU	AC	230	230	1351	Jan-02 Enterprise	Laurel East	2.9 OH	0	С	602	ACSRS	1	1 12686	1	100
U SERC	SOU	AC	230	230	1351	Jan-02 Enterprise	Meridian Ne	2.3 OH	0	С	602	ACSRS	1	1 12686	1	100
U SERC	SOU	AC	230	230	1351	May-02 Farley N.P.	Sinai Cemetery	18.1 OH	0	С	602	ACSRS	1	1 195		100
U SERC	SOU	AC	230	230	1033	May-02 Fuller Road	Goat Rock S.S.	8.63 OH	0	С	502		1	1 195		100
U SERC	SOU	AC	230	230	1033	Jul-02 Autaugaville CC#1	Autaugaville	0.5 OH	T	S	1004		1	1 195		100
U SERC	SOU	AC	230	230	1033	Jul-02 Autaugaville S.S.	Montgomery S.S.	2 OH	0	С	1364		1	1 195	1	100
U SERC	SOU	AC	230	230	1033	Jul-02 North Selma	Autaugaville S.S.	2 OH	Т	S	1364	OtheD	1	1 195	l l	100
U SERC	SOU	AC	230	230	1351	Oct-02 Miller S.P.	Acipco	17 OH	T	S	807	OtheS	1 1	1 195		100
U SERC	SOU	AC	230	230	1033	May-03 Autaugaville S.S.	County Line Road	15.7 OH	0 T	С	1004		1	1 195	!	100
U SERC U SERC	SOU	AC AC	230 230	230 230	1033 1033	May-03 County Line Road May-03 Gaston	Montgomery S.S.	1.5 OH 1.5 OH	÷	S S	502	ACSRS ACSRS	1	1 195 1 195	-	100 100
U SERC	SOU	AC	230	230	1033		County Line Road Plant Sweatt	13.1 OH	0	C	682		1 1	1 12686	<u> </u>	100
U SERC	SOU	AC	230	230	1033	Jun-03 Enterprise May-04 Coldwater T.S.	Anniston T.S.	0.1 OH	T	S	502		1 1	1 12000	-	100
U SERC	SOU	AC	230	230	1033	May-04 Coldwater T.S.	Gaston S.P.	0.1 OH	+	S	502		1 1	1 195	<u> </u>	100
U SERC	SOU	AC	230	230	1033	May-04 Pike County	Pinckard	0.1 OH	÷	S	502		 	1 195	l i	100
U SERC	SOU	AC	230	230	1033	May-04 Pike County	Snowdoun	0.1 OH	÷	S	502			1 195	l i	100
U SERC	SOU	AC	230	230	795	Oct-04 Alexander City CT T.	Alexander City S.S.	1 OH	Ť	S	866		1 1	1 195	i	100
U SERC	SOU	AC	230	230	1351	May-05 Magella	Bessemer	6.8 OH	Ö	C	602		1	1 195	i	100
U SERC	SOU	AC	230	230	1351	May-05 Snowdoun	Madison Park	31 OH	Ť	Š	602		1	1 195	i	100
U SERC	SOU	AC	230	230	0	May-05 Rankin	South Jackson	21 OH			0		0	0 12685	1	100
U SERC	SOU	AC	230	230	1033	Apr-06 North Anniston T.S.	Anniston T.S.	0.5 OH	Т	S	502		1	1 195	l I	100
U SERC	SOU	AC	230	230	1033	Apr-06 North Anniston T.S.	Gadsden S.P.	22 OH	T	S	502		_1	1 195		100
U SERC	SOU	AC	230	230	1033	Apr-06 North Anniston T.S.	Hammond S.P.	0.5 OH	Т	S		ACSRS	1	1 195		100
U SERC	SOU	AC	230	230	1351	May-06 Delta S.S.	Crooked Creek	8 OH	Т	S	602		1	1 195		100
U SERC	SOU	AC	230	230	1033	May-07 Bessemer	East Pelham	0.5 OH	T	S		ACSRS	1	1 195		100
U SERC	SOU	AC	230	230	1033	May-07 Gaston S.P.	East Pelham	0.5 OH	T	S	502		1	1 195	I	100
U SERC	SOU	AC	230	230	1351	Jun-07 Kiln	Picayune	24 OH	0	С	602		1	1 12686		100
U SERC	SOU	AC	230	230	1033	Apr-08 Pinckard	North Dothan	0.3 OH	T	S	1004	ACSRD	1 1	1 195		100
U SERC	SOU	AC	230	230	1033	Apr-08 Webb	North Dothan	0.3 OH	+ +	S	1004		1 1	1 195	!	100
U SERC U SERC	SOU	AC AC	230 230	230 230	1351 1033	May-08 Boyles May-09 Holt	Acipco S.S.	5 OH 7.5 OH	<u> </u>	S	602 502		1 1	1 195 1 195	-	100 100
U SERC	SOU	AC	230	230	1351	May-09 Holt May-09 North Alexander T.S.	West Tuscaloosa Alexander City S.S.	7.5 OH 8 OH	<u> </u>	S	602		1 1	1 195	-	100
U SERC	SOU	AC	230	230	795	May-10 Boyles	Westover	0.2 OH	+	S	866	ACSRD	1	1 195		100
U SERC	SOU	AC	230	230	795	May-10 Goyles May-10 Gaston S.P.	Westover	0.2 OH	+ ÷	S	866	ACSRD	1 1	1 195	<u> </u>	100
U SERC	SOU	AC	230	230	1351	May-11 County Line Road	Madison Park T.S.	22 OH	+ ÷	S	602	ACSRS	1 1	1 195	i	100
U SERC	TVA	AC	230	230	1351	Jan-03 Center Point, Ga	County Line, GA	14.4 OH	+ ÷	S	530		2	2 18642	F	100
U SERC	VAC	AC	230	230	0	May-02 Clifton	Reston	13 OH			0.00	7100110	0	0 19876	i	100
U SERC	VAC	AC	230	230	1272	Dec-02 Rainey	Anderson (Duke)	9.7 OH	Т	S	956	ACSRD	1	1 17543	S	100
U SERC	VAC	AC	230	230	0	May-03 Kaiser	Mereaux	3 OH			0		Ó	0 11241	Ĭ	100
U SERC	VAC	AC	230	230	0	May-03 Landstown	West Landing	8 OH			0		0	0 19876	ı	100
U SERC	VAC	AC	230	230	0	May-04 Winnfield	Danville	20 OH			0		0	0 11241	ı	100
U SERC	VAC	AC	230	230	0	May-04 Pleasant View	Beaumead	5 OH			0		0	0 19876	1	100
U SERC	VAC	AC	230	230	0	Jun-04 Fentress	Shawboro	28 OH			0		0	0 19876		100
U SERC	VAC	AC	230	230	0	May-05 China	Tamina	65 OH			0		0	0 7806		100
U SERC	VAC	AC	230	230	0	May-05 Hammond	Amite	18 OH			0		0	0 11241	1	100
U SERC	VAC	AC	230	230	0	May-05 Chickahominy	Lanexa	14 OH	<u> </u>	<u> </u>	0	100	0	0 19876	<u> </u>	100
U SERC	VAC	AC	230	230	1272	Jan-06 Cross	Kingstree #2	35 OH	T	S	956		2	2 17543	S	100
U SERC	VAC	AC	230	230	1272	Jan-06 Dalzell	Camden	20 OH	T	S	956	ACSRD	1	1 17543	S	100
U SERC	VAC	AC	230	230	4070	May-06 Clark	Idylwood	4 OH	-	-	0	ACCDO	0	0 19876	<u> </u>	100
U SERC U SERC	VAC VAC	AC AC	230	230	1272	Jun-06 Hemingway	Red Bluff	43 OH		S	956 0	ACSRD	1 0	1 17543 0 19876	S	100 100
	VAC		230	230	0	140V 00 I ICASAIR VICW	Hamilton	5 OH 24 OH	+	 	0		0	0 19876		100
U SERC U SERC	VAC	AC AC	230 500	230 500	0	Dec-06 Fredericksburg May-07 Bogalusa-Franklin Ta	Possum Point (Conver Daniel-McKnight Tap	7 OH	1	 	0		0	0 19876	+ +	100
U SERC	VAC	AC	500	500	0		Daniel-McKnight Tap	7 OH	1	1	0		0	0 11241	i .	100
U SERC	VAC	AC	230	230	0	May-07 Coly	Hammond	12 OH	 	 	0			0 7806	 	50
U SERC	VAC	AC	230	230	0		Jacinto	50 OH	1	1	0		0	0 7806	l i	100
U SERC	VAC	AC	230	230	0	May-07 Jacinto	Lewis Creek	24 OH			0		0	0 7806	i	100
U SERC	VAC	AC	230	230	0	May-07 Coly	Hammond	12 OH			0		0	0 11241	I	50
U SERC	VAC	AC	500	500	0	Dec-08 Aep Joshua Falls	DVP Ladysmith	85 OH			0		0	0 19876	1	50
U SERC	VAC	AC	230	230	1272	Jun-10 Flat Creek	Indian Creek	23 OH	Т	S	956	ACSRD	1	1 17543	S	100
U SERC	VAC	AC	230	230	1272	Jun-10 Indian Creek	Bennettsville	35 OH	T	S	956	ACSRD	1	1 17543	S	100
U SERC		AC	230	230	1351	May-02 Raccoon Creek	Plant Mitchell	6 OH	0	С	602	ACSRS	1	1 13994	С	100
U SERC		AC	230	230	795	Jun-02 LPM	Bay Creek	15 OH	Т	S	834	ACSRD	1	1 13100	M	100
U SERC		AC	230	230	1351	Jun-02 South Hall	Spout Springs	9 OH	0	С	602	ACSRS	1	1 13994	С	100
U SERC		AC	230	230	1622	Dec-02 East Moultrie	West Valdosta	38 OH	0	С	664	ACSRS	1	1 13994	С	100
U SERC		AC AC	230	230	1622	Mar-03 Holcomb Bridge	Martins Landing	3.4 OH	T	S	664	ACSRS	1	1 13994	C	100
U SERC			230	230	1351	Mar-03 Spout Springs	Shoal Creek	14 OH	0	С	602	ACSRS	1 1	1 13994	С	100

U	SERC		AC	230	230	1351	May-03 Big Shanty	McConnell Road	9IOH	Т	S	602 ACSRS		1] 1	13994	С	100
Ü	SERC		AC	230	230	1351	Jun-03 W R Clayton	LPM	1 OH	Ť	S	580 ACSRS		1 1	13100	M	100
U	SERC		AC	230	230	1351	Jun-03 Yates	Fairburn	17 OH	T	S	602 ACSRS		2 2	13994	С	100
U	SERC		AC	230	230	795	Jun-03 Yellowdirt	Dresden	8 OH	0	С	866 ACSRD		1 1	13994	С	100
U	SERC		AC	230	230	795	Jun-04 Yellowdirt	Hickory Level	25 OH	0	С	866 ACSRD		1 1	13994	С	100
U	SERC		AC	230	230	1351	May-05 Cumming	McGrau Ford	23 OH	0	C	602 ACSRS		1 1	13994	С	100
U	SERC		AC	230	230	1351	Jun-05 LpPM	Cornish Mountian	17 OH	T	S	580 ACSRS		1 1	13100	M	100
U	SERC SERC		AC AC	230 230	230 230	1351 1351	Jun-05 Clermont Junction Jun-05 Cumming	South Hall Shoal Creek	20 OH 9 OH	0	C	602 ACSRS 602 ACSRS		1 1	13994 13994	C	100 100
II.	SERC		AC	230	230	1351	Jun-05 Dresden	Senoia Creek	24 OH	0	C	602 ACSRS		1 1	13994	C	100
Ü	SERC		AC	230	230	1351	Jun-05 Mcconnell Road	Yorkville	22 OH	0	C	602 ACSRS		1 1	13994	C	100
Ü	SERC		AC	230	230	1351	Jun-05 Yorkville	North Aragon	12 OH	Ö	Č	602 ACSRS		1 1	13994	Č	100
Ü	SERC		AC	500	500	1113	Jun-06 Fortson	North Americus	53 OH	Ť	S	3429 ACSRT		1 1	13994	Č	100
U	SERC		AC	230	230	1351	Jun-06 North Aragon	Cedartown	16 OH	0	С	602 ACSRS		1 1	13994	С	100
U	SERC		AC	230	230	1033	Jun-06 West Valdosta	Sterling	18 OH	0	С	509 ACSRS		1 1	13994	С	100
U	SERC		AC	230	230	1351	Jun-07 Raccoon Creek	East Moultrie	28 OH	T	St	580 ACSRS		1 1	13100	M	100
U	SERC		AC	500	500	1113	May-08 Wansley	Villa Rica #2	25 OH	T	St	3429 ACSRT		1 1	13994	С	100
U	SERC		AC	500	500	1113	Jun-09 Fortson	Bonaire	72 OH	T	St	3429 ACSRT		1 1	13994	С	100
U	SERC SPP	N	AC AC	230	230	1351	Jun-09 Kettle Creek	Offerman	23 OH 29 OH	0	С	1351 ACSRS		1 1	13994	C	100
U	SPP	S	AC	345 345	345 345	0	Dec-08 latan May-02 Arcadia	Nashua Redbud	5 OH			0		0 0	10000 14063	-	100
Ü	SPP	S	AC	230	230	0	May-02 Clarksdale, MS	Lula, MS	23 OH			0		0 0	3702	i	100
Ü	SPP	S	AC	230	230	0	Jun-02 Eddy Co	Seven Rivers	25 OH			0	+	0 0	17718	i	100
Ü	SPP	S	AC	230	230	0	Jun-03 Amarillo South	Harrington/Swisher	12 OH			0		0 0	17718	i	100
U	SPP	S	AC	345	345	0	Jun-04 Frio Draw Interchang	Potter Co Interch	100 OH			0		0 0	17718	ı	100
U	SPP	S	AC	345	345	0	Jun-04 Holcomb Plant	Lamar	107 OH			0		0 0	17718	I	100
U	SPP	S	AC	230	230	0	Jun-04 Frio Draw Interchang	OASIS Interchange	20 OH			0		0 0	17718		100
U	SPP	S	AC	230	230	0	Jun-04 Frio Draw Interchang	Roosevelt	20 OH			0		0 0	17718		100
U	SPP	S	AC	230	230	0	Jun-05 Seven Rivers	Potash Junction	34 OH	<u> </u>		0		0 0	17718		100
U	SPP	S	AC	345	345	0	Jun-06 Potter County	N.W. Interchange (OG	275 OH			U		U 0	17718		100
U	SPP SPP	S S	AC AC	345 345	345 345	0	Jul-07 Flint Creek Jun-08 Hugo	East Centerton Pittsburg	17 OH 66 OH			0		0 0	17698 20447	<u> </u>	100
U	SPP	S	AC	345	345	0	Jun-08 Hugo	Valliant	16 OH			0		0 0	20447	<u> </u>	100
Ü	WECC	AZN	AC	500	500	0	Mar-02 Redhawk AZ	Hassayampa #1 AZ	1 OH			0		0 0	803	'	0
Ū	WECC	AZN	AC	500	500	0	Mar-02 Redhawk AZ	Hassayampa #2 AZ	1 OH			0		0 0	803		0
U	WECC	AZN	AC	345	345	0		Afton NM	1 OH			0		0 0	5701		0
U	WECC	AZN	AC	500	500	0	Jun-02 Harquahala AZ	Palo Verde AZ	21 OH			0		0 0	1 1020		0
U	WECC	AZN	AC	230	230	0	Apr-03 Phoenix AZ	Phoenix AZ	5 OH			0		0 0	000		0
U	WECC	AZN	AC	230	230	0		Arden Sub NV	70 OH			0		0 0	10401		0
U	WECC	AZN	AC	230	230	0	May-03 Faulkner Sub NV	Tolson Sub_NV	6 OH			0		0 0	13407 13407		0
U	WECC	AZN AZN	AC AC	500 500	525 525	0	Jun-03 Crystal Sub NV	Calpine Sub_NV	6 OH 8 OH			0		0 0	13407		0
U	WECC	AZN	AC	500	525	0		Crystal Sub_NV Duke Sub_NV	4 OH			0		0 0	13407		0
Ü	WECC	AZN	AC	500	525	0	Jun-03 Harry Allen Sub NV	Mead Sub_NV	60 OH			0		0 0	13407		0
Ü	WECC	AZN	AC	500	525	0	Jun-03 Harry Allen Sub NV	Mirant Sub NV	4 OH			0		0 0	13407		0
Ü	WECC	AZN	AC	500	525	0	Jun-03 Harry Allen Sub NV	Northwest Sub NV	30 OH			0		0 0	13407		0
U	WECC	AZN	AC	500	525	0	Jun-03 Harry Allen Sub NV	Reliant Sub NV	6 OH			0		0 0	13407		0
U	WECC	AZN	AC	500	500	0	Jun-03 Saguaro AZ	Tortolita AZ	1 OH			0		0 0	24211		0
U	WECC	AZN	AC	230	230	0	Jun-03 West Phoenix AZ	Rudd AZ	14 OH			0		0 0	803		0
U	WECC	AZN	AC	230	230	0	Jun-03 White Tanks AZ	Rudd AZ	6 OH			0		0 0	803		0
U	WECC	AZN AZN	AC AC	230 500	230 500	0	Jun-03 Shiprock NM Nov-03 Gila Bend AZ	Four Corners NM Joioba AZ #1	-8 OH			0		0 0	27000 803		0
U	WECC	AZN AZN	AC AC	500	500	0	Nov-03 Gila Bend AZ Nov-03 Gila Bend AZ	Jojoba AZ #1 Jojoba AZ #2	20 OH 20 OH	 	-	0	-	0 0	803		0
U	WECC	AZN	AC	345	345	0	Dec-03 South AZ	Nogales AZ	60 OH	 		0		0 0	24211	1	0
Ü	WECC	AZN	AC	230	230	0	Dec-03 Gladstone NM	Walsenburg CO	113 OH	1		0	1	0 0	30151		0
Ü	WECC	AZN	AC	345	345	0	Jun-04 Palo Verde AZ	Nogales AZ	432 OH			0		0 0	15473		0
U	WECC	AZN	AC	500	500	0	Dec-05 Marketplace AZ	Moenkopi NV	201 OH			0		0 0	13314		0
U	WECC	AZN	AC	500	500	0	Dec-05 Moenkopi AZ	Shiprock NM	194 OH			0		0 0	13314		0
U	WECC	AZN	AC	500	500	0	Apr-06 Superior AZ	Florence AZ	35 OH			0		0 0	16572		0
U	WECC	AZN	AC	500	500	0	Apr-06 Superior AZ	Mesa AZ	-40 OH			0		0 0	16572		0
U	WECC	AZN	AC	500	500	0	Apr-06 Wintersburg AZ	Florence AZ	125 OH			U		0 0	16572	1	0
U	WECC	AZN AZN	AC AC	230 230	230 230	0	Apr-06 Florence AZ Jun-07 Phoenix AZ	Mesa AZ Phoenix AZ	20 OH 11 OH	 		0	-	0 0	16572 803		0
U	WECC	AZN	AC	230	230	0	Jun-11 Gila Bend AZ	Ajo AZ	40 OH			0	-	0 0	803		0
Ü	WECC	CNV	AC	230	230	n	Jun-02 Tri-Valley CA	Tri-Vallev CA	9 OH			0	+	0 0	14328		0
Ü	WECC	CNV	AC	230	230	0	Aug-02 Imperial Valley CA	US/MX Border CA	6 OH	1		ő	1	0 0	-99999		0
Ü	WECC	CNV	AC	230	230	0	Aug-02 Mexicali MX	US/MX Border MX	6 OH			0		0 0	-351		0
U	WECC	CNV	AC	230	230	0	Apr-03 Metropolil MX	Tijuana 1 MX	6 OH			0		0 0	-351		0
U	WECC	CNV	AC	230	230	0	Apr-03 Rosarito II MX	Metropoli MX	14 OH			0		0 0	-351		0
U	WECC	CNV	AC	230	230	0	May-03 Los Esteros CA	Metcalf CA	14 OH			0		0 0	14328		0
U	WECC	CNV	AC	230	230	0	May-03 Newark CA	Los Esteros CA	14 OH			0		0 0	14328		0
U	WECC	CNV	AC	230	230	0	May-03 Newark CA	Metcalf CA	-28 OH			U		U 0	14328	1	0
U	WECC	CNV	AC AC	230 230	230 230	0	May-04 East Altamont CA	Westley CA East Altamont CA	15 OH 14 OH	 		U	-	0 0	27000 27000		0
U	WELL	CINV	AC	230	230	U	May-04 Tracy CA	Edot Altamont CA	14 Un			U		U U	2/000	l	U

U	WECC	CNV	AC	230	230	0	May-04 Tracy CA	Westlev CA	-29 OH	0	1 0	0 27000	0
Ü	WECC	CNV	AC	230	230	0	Jun-04 San Diego CA	San Diego CA	6 OH	0	0	0 16609	0
ĭ	WECC	CNV	AC	500	500	0	Oct-04 Gates CA	Los Banos CA	86 OH	0	0	0 14328	0
ŭ	WECC	CNV	AC	230	230	0	Dec-04 Escondido CA	San Clemente CA	51 OH	i i	0	0 16609	- 0
Ü	WECC	CNV	AC	230	230	0	Dec-04 Malin OR	Hilltop CA	23 OH	0	0	0 22650	0
Ü	WECC	CNV	AC	500	500	0		Riverside County CA	31 OH	0	0	0 16609	0
Ü	WECC	CNV	AC	230	230	0	Jun-05 San Diego CA	San Diego CA	10 OH	ő	0	0 16609	0
Ü	WECC	CNV	AC	230	230	0		Mission CA	40 OH	0	0	0 16609	0
Ü	WECC	CNV	AC	230	230	0	Jun-05 Tracy CA	Lodi CA	2 OH	0	0	0 27000	0
Ü	WECC	CNV	AC	230	230	0	Dec-05 Rio Linda CA	Elverta CA	1 OH	ő	0	0 27000	0
Ü	WECC	CNV	AC	500	500	0		Metcalf/MsIndg CA	50 OH	0	0	0 14328	0
Ü	WECC	NWP	AC	230	230	0	Jul-02 Shelton WA	Belfair WA	30 OH	Ö	0	0 1738	0
U	WECC	NWP	AC	500	500	0	Oct-02 Echo Lake Sub WA	Raver Sub WA	10 OH	0	0	0 1738	0
Ü	WECC	NWP	AC	230	230	0	Nov-02 Lyons OR	Stavton OR	17 OH	0	0	0 1738	0
Ü	WECC	NWP	AC	345	345	0	Jun-04 Dunphy NV	Elv NV	173 OH	Ö	0	0 17166	0
U	WECC	NWP	AC	230	230	0	Jun-04 Caldwell ID	Middleton ID	6 OH	0	0	0 9191	0
Ü	WECC	NWP	AC	230	230	0	Jun-04 Eagle ID	Middleton ID	12 OH	0	0	0 9191	0
Ü	WECC	NWP	AC	230	230	0		Opal WY	18 OH	Ö	0	0 14354	0
U	WECC	NWP	AC	230	230	0		Rock Springs WY	26 OH	0	0	0 14354	0
U	WECC	NWP	AC	500	500	0	Oct-04 Coulee City WA	Spokane WA	83 OH	0	0	0 1738	0
U	WECC	NWP	AC	500	525	0	Oct-04 Dayton WA	Connell WA	15 OH	0	0	0 1738	0
U	WECC	NWP	AC	500	525	0	Oct-04 Ellensburg WA	Sunnyside WA	62 OH	0	0	0 1738	0
U	WECC	NWP	AC	500	500	0	Oct-04 Hermiston OR	Biggs OR	76 OH	0	0	0 1738	0
U	WECC	NWP	AC	500	525	0	Oct-04 Umatilla OR	Wallula WA	30 OH	0	0	0 1738	0
U	WECC	NWP	AC	230	230	0	Oct-04 Brownlee ID	Oxbow OR	11 OH	0	0	0 9191	0
U	WECC	NWP	AC	500	525	0	Oct-05 Centralia WA	Shelton WA	20 OH	0	0	0 1738	0
U	WECC	NWP	AC	500	525	0	Oct-05 Monroe WA	Issiguah WA	20 OH	0	0	0 1738	0
U	WECC	NWP	AC	230	230	0	Nov-05 Sherwood OR	Pearl OR	5 OH	0	0	0 15248	0
U	WECC	NWP	AC	230	230	0	Dec-05 Benewah ID	Shawnee WA	60 OH	0	0	0 20160	0
U	WECC	NWP	AC	230	230	0	Nov-06 Sherwood OR	Beaverton OR	5 OH	0	0	0 15248	0
U	WECC	NWP	AC	500	525	0	Nov-08 ChiefJoseph Sub WA	Monroe WA	122 OH	0	0	0 1738	0
U	WECC	NWP	AC	230	230	0	Nov-09 Carver OR	Oregon City OR	5 OH	0	0	0 15248	0
U	WECC	NWP	AC	230	230	0	Nov-09 Gresham OR	Troutdale OR	9 OH	0	0	0 15248	0
U	WECC	NWP	AC	230	230	0	Oct-10 Wanapum WA	Lake Tradition WA	125 OH	0	0	0 15500	0
U	WECC	NWP	AC	500	500	0	Dec-11 Ely NV	Las Vegas NV	240 OH	0	0	0 9191	0
U	WECC	NWP	AC	500	500	0	Dec-11 Shoshone ID	Wells NV	130 OH	0	0	0 9191	0
U	WECC	NWP	AC	500	500	0	Dec-11 Wells NV	Ely NV	150 OH	0	0	0 9191	0
U	WECC	RMP	AC	230	230	0	May-02 Fort Collins CO	Fort Collins CO	32 OH	0	0	0 15143	0
U	WECC	RMP	AC	230	230	0	Oct-03 Car Draw WY	Hartzog Wy	43 OH	0	0	0 1307	0
U	WECC	RMP	AC	230	230	0	Oct-03 Teckla WY	Hartzog Wy	28 OH	0	0	0 1307	0
U	WECC	RMP	AC	230	230	0	Dec-06 Walsenburg CO	San Luis Valley CO	75 OH	0	0	0 30151	0
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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.

- 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 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.

- 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."