

2010 US	ERCOT	-	AC	121-150	5	2013 Apollo	East Richardson	1.4	OH	2172	BRAZOS	100	10TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 Elm Mott	Waco Northcrest	3.6	OH	44372	Oncor Electric Delivery	100	10TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 NW Carrollton	Collin	33.86	OH	44372	Oncor Electric Delivery	100	11TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 Flatonia	Yosukum Garner	27.7	OH	11269	LCRA TSC	100	13TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 Cedar Crest - Ind	Cedar Crest - Ind	3.2	OH	44372	Oncor Electric Delivery	100	13TPIT005Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 Cedar Hill Switch	Mountain Creek	11.4	OH	44372	Oncor Electric Delivery	100	13TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 Terrell Switch	North Terrell	7.9	OH	44372	Oncor Electric Delivery	100	13TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 Rebuild Alvin	North Alvin	2.06	OH	40051	TNMP	100	13TPIT007Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 Upgrade North Al	Hastings	1.93	OH	40051	TNMP	100	14TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2013 CPS Lytle	ETT Lytle	4	OH	3278	AEP/ETT/CPS	100	07TPIT002Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2013 Masterson Rd	Leon Creek to Ct	20	OH	16604	CPS	100	12TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2013 Palo Alto	Leon Creek to Cr	0.1	OH	16604	CPS	100	13TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2013 Panther Springs	Stonewate	0.1	OH	16604	CPS	100	13TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	9	2013 Koppe Bridge	Wellborn	5.8	OH	2442	BTU	100	10TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	12	2013 Barney Davis	Laguna	4.2	OH	3278	AEP/ETT	100	12TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	12	2013 Kendall to Miller	Patleface	56.88	OH	11269	LCRA TSC	100	13TPIT007Planned	Reliability
2010 US	ERCOT	-	AC	121-150	3	2014 Parkway	EC Mornhinweg	8	OH	11269	LCRA TSC	100	13TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 N. Terrell Tap	Rose Hill	8.68	OH	44372	Oncor Electric Delivery	100	07TPIT023Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Elkton	Athens North	29.1	OH	44372	Oncor Electric Delivery	100	08TPIT015Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Fisher Road	Wichita Falls	1.45	OH	44372	Oncor Electric Delivery	100	09TPIT011Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Shamburger	Tyler NW	6.3	OH	44372	Oncor Electric Delivery	100	09TPIT012Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Allen Switch - Pla	Collin Junction	9	OH	44372	Oncor Electric Delivery	100	10TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Handley	Pantego	3.8	OH	44372	Oncor Electric Delivery	100	14TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Midland East	Windwood	1.7	OH	44372	Oncor Electric Delivery	100	14TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Mountain Creek	Norwood	7.2	OH	44372	Oncor Electric Delivery	100	14TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Norwood	East Levee	6.6	OH	44372	Oncor Electric Delivery	100	14TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 NW Carrollton	Lakepointe	2.1	OH	44372	Oncor Electric Delivery	100	14TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 Troup - Walnut G	Whitehouse	9.8	OH	44372	Oncor Electric Delivery	100	14TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2014 West Mesquite	Prairie Creek	2.8	OH	44372	Oncor Electric Delivery	100	14TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2014 Lytton Springs	Slaughter Lane	0.1	OH	1015	AUSTIN ENERGY	100	10TPIT002Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2014 Blumenthal	Kendall Mountain	8.4	OH	11269	LCRA TSC	100	13TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2014 Helotes	Menger Creek	0.1	OH	16604	CPS	100	14TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2014 Spencer Intercha	Pockrus	3.25	OH	5078	DENTON	100	14TPIT002Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2014 Highway 32	Wimberley	4	OH	14626	PEC	100	05TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2014 Cushman	Highway 123	6.2	OH	11269	LCRA TSC	100	14TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2014 Buttercup	Whitestone	2.3	OH	14626	PEC	100	14TPIT002Planned	Reliability
2010 US	ERCOT	-	AC	121-150	12	2014 Elgin Switching S	Elgin	5.9	OH	44372	Oncor Electric Delivery	100	08TPIT010Planned	Reliability
2010 US	ERCOT	-	AC	121-150	12	2014 Geronimo	CMC	5.5	OH	7752	GVEC	100	10TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2015 Escondido	West Batesville	46.2	OH	3278	AEP/ETT	100	10TPIT002Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2015 Shery-Park Row	Grand Prairie	11.4	OH	44372	Oncor Electric Delivery	100	11TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2015 Roanoke Switch	Elizabeth Creek	3.75	OH	44372	Oncor Electric Delivery	100	11TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2015 Hastings	Friendswood	7.3	OH	40051	TNMP	100	15TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2015 Friends	Seminole	7.9	OH	40051	TNMP	100	15TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2015 Deely	Skyline line	0.1	OH	16604	CPS	100	15TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2015 Green Mountain	Stonewate	11.5	OH	16604	CPS	100	15TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2016 Sternett	Sardis	1.96	OH	44372	Oncor Electric Delivery	100	07TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2016 Everman	Cleburne Switch	8.5	OH	44372	Oncor Electric Delivery	100	07TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2016 Seginaw	American MFG I	1.1	OH	44372	Oncor Electric Delivery	100	11TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2016 Plano West	Richardson Tap	1.9	OH	44372	Oncor Electric Delivery	100	07TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2016 Longneck	Princeton South	3.5	OH	40051	TNMP	100	16TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2016 Farm West	Princeton South	7.5	OH	40051	TNMP	100	16TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2016 Convert Climax	Longneck	11.7	OH	40051	TNMP	100	16TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2016 Leon Creek	Pleasanton	0.1	OH	16604	CPS	100	10TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2016 Pedernales	Old	0.1	OH	1015	AUSTIN ENERGY	100	11TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2016 Gilleland	Techridge	0.1	OH	1015	AUSTIN ENERGY	100	11TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	12	2016 Frontera	South McAllen	0.5	OH	3278	AEP/ETT	100	12TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2017 Temple Switch	Temple SE	4.4	OH	44372	Oncor Electric Delivery	100	06TPIT014Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2017 Payne	Collin Switching	31.75	OH	44372	Oncor Electric Delivery	100	08TPIT010Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2017 N. Waco	NE Waco	1.9	OH	44372	Oncor Electric Delivery	100	09TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2017 Picocho	CFE	8.9	OH	3278	AEP/ETT	100	07TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Ennis Switch	Ennis	6.32	OH	44372	Oncor Electric Delivery	100	06TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Lake Wichita Swi	Wichita Falls Sw	6.3	OH	44372	Oncor Electric Delivery	100	06TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Elkton	Tyler West	4.98	OH	44372	Oncor Electric Delivery	100	06TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Trinity Switch	Richland	0.5	OH	44372	Oncor Electric Delivery	100	07TPIT001Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Elgin Switch	Taylor	11.4	OH	44372	Oncor Electric Delivery	100	07TPIT011Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Lavon Switch	Allen Switch	8.9	OH	44372	Oncor Electric Delivery	100	07TPIT011Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Royse	Dalrock	6.8	OH	44372	Oncor Electric Delivery	100	07TPIT012Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Oates (GPL)	Garland Bobtown	1.5	OH	44372	Oncor Electric Delivery	100	07TPIT013Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Austin Ranch	Hebron	0.7	OH	44372	Oncor Electric Delivery	100	08TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Lake Creek	East Waco	10.5	OH	44372	Oncor Electric Delivery	100	08TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Lufkin Switching	Texas Foundries	0.73	OH	44372	Oncor Electric Delivery	100	08TPIT011Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Coppell	North Lake	4.8	OH	44372	Oncor Electric Delivery	100	09TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 N. Midlothian	Midlothian TXI Tz	6.2	OH	44372	Oncor Electric Delivery	100	09TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Rowlett	Garland Bobtown	4.1	OH	44372	Oncor Electric Delivery	100	09TPIT005Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Salado Switch	Cedar Valley Swi	7	OH	44372	Oncor Electric Delivery	100	09TPIT005Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Bogy Creek 138	Bogy Creek 138	3.5	OH	44372	Oncor Electric Delivery	100	09TPIT006Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Trinity Switch	Hurst	4	OH	44372	Oncor Electric Delivery	100	10TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Allen Switch	West Plano	3.5	OH	44372	Oncor Electric Delivery	100	11TPIT002Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Lake Creek	Robinson	8.2	OH	44372	Oncor Electric Delivery	100	14TPIT002Planned	Reliability
2010 US	ERCOT	-	AC	121-150	5	2018 Sulpher Springs	Kirby line	0.1	OH	16604	CPS	100	12TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	121-150	6	2018 Ranchito	Villa Cavazos	5	OH	3278	AEP/ETT	100	18TPIT000Planned	Reliability
2010 US	ERCOT	-	AC	300-399	3	2013 West Shackelforc	Sam Switch/Nav	402	OH		Lone Star Transmission, LL	100	13TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	300-399	6	2013 Krum West	Riley (Oklaunion)	322.8	OH	44372	Oncor Electric Delivery	100	13TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	300-399	12	2013 Big Hill	Kendall	274	OH	11269	LCRA TSC	100	12TPIT002Planned	Reliability
2010 US	ERCOT	-	AC	300-399	12	2013 Willow Creek	Clear Crossing	220	OH	44372	Oncor Electric Delivery	100	13TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	300-399	3	2013 Gray	Tesla	218	OH	44372	Oncor Electric Delivery	100	13TPIT005Planned	Reliability
2010 US	ERCOT	-	AC	300-399	3	2013 Scurry County	West Shackelforc	204	OH		Lone Star Transmission, LL	100	13TPIT004Planned	Reliability
2010 US	ERCOT	-	AC	300-399	9	2013 Dermott	Willow Creek	189	OH	3278	AEP/ETT	100	13TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	300-399	9	2013 Silvertown	Tesla	170	OH		CTT	100	13TPIT005Planned	Reliability
2010 US	ERCOT	-	AC	300-399	9	2013 Edith Clarke	West Shackelforc	150.6	OH	3278	AEP/ETT	100	13TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	300-399	10	2013 Cottonwood	Edith Clarke	140	OH	3278	AEP/ETT	100	13TPIT003Planned	Reliability
2010 US	ERCOT	-	AC	300-399	12	2013 Anna Switch	Krum W.	140	OH	44372	Oncor Electric Delivery	100	10TPIT002Planned	Reliability

2010 US	ERCOT	-	AC	300-399	6	2013 Gray	Oklauion	132.2 OH							3278	AEP/ETT	100 13TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2012 Brown	Killeen	126.5 OH							44372	Oncor Electric Delivery	100 12TPI003Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	10	2016 Sol	Rio Bravo	122.4 OH							3278	AEP/ETT	100 11TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2014 Zenith	Fayetteville	125.0 OH							8901	CNP	100 14TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	8	2013 McCamey C	McCamey D	112 OH							17583	STEC	100 13TPI001Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2012 Brown	Newton	98.6 OH							44372	Oncor Electric Delivery	100 12TPI003Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	7	2012 Central Bluff	Brown	96.1 OH							44372	Oncor Electric Delivery	100 12TPI004Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	9	2013 LS03 White Deer	Hereford	91.2 OH							17008	SU	100 13TPI004Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	7	2012 Bluff Creek	Brown	86.6 OH							44372	Oncor Electric Delivery	100 12TPI004Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	3	2013 Riley	Edith Clarke	85.9 OH							3278	AEP/ETT	100 13TPI001Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2011 Bowman	Riley (Oklauion)	85.2 OH							44372	Oncor Electric Delivery	100 11TPI006Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2011 Bell County East	Bell County East	82.6 OH							44372	Oncor Electric Delivery	100 10TPI003Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2013 Hicks Switch	Willow Creek	80.4 OH							44372	Oncor Electric Delivery	100 13TPI003Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	3	2013 Gray	White Deer	80 OH							17008	CCT	100 13TPI005Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	3	2013 Tesla	Edith Clarke	79.8 OH							3278	AEP/ETT	100 13TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2013 Sand Bluff	Long Draw	77.4 OH							44372	Oncor Electric Delivery	100 12TPI006Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2011 Sweetwater East	Central Bluff	71.8 OH							44372	Wind Energy Transmission	100 11TPI008Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2012 Cottonwood	Dermott	71.5 OH							17008	SU	100 11TPI007Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	9	2013 LS05 Silverton	White Deer	68.2 OH							44372	Oncor Electric Delivery	100 13TPI005Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2011 Dermott Switch	Scurry County S	65.4 OH							17008	SU	100 11TPI007Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	3	2013 LS04 Silverton	Cottonwood	64.5 OH							44372	Oncor Electric Delivery	100 12TPI006Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2011 Tonkawa	Sweetwater East	63.4 OH							3278	AEP/ETT	100 13TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	3	2013 Edith Clarke	West Shackelford	59.8 OH							17583	Wind Energy Transmission	100 12TPI005Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	2	2013 Grelton	Long Draw	55.4 OH							44372	Oncor Electric Delivery	100 12TPI006Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2012 Trinidad	Watermill	52 OH							0	Wind Energy Transmission	100 07TPI014Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	2	2013 Long Draw	Scurry County	50.7 OH							17583	STEC	100 12TPI005Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2013 North McCamey	Odessa EHV	50 OH							17008	SU	100 12TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	2	2013 Grelton	Odessa	49.9 OH							44372	Oncor Electric Delivery	100 12TPI005Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2013 LS01 Silverton	Nazareth	48.9 OH							17008	SU	100 12TPI006Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2017 Ranchito	South McAllen	38 OH							3278	AEP/ETT	100 00TPI01Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	3	2011 Krum West Switc	NW Carrollton	37.2 OH							44372	Oncor Electric Delivery	100 10TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2013 Sand Bluff 345 kV	Sand Bluff 345 kV	37 OH							17008	SU	100 12TPI005Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2018 Loma Alta	Rio Hondo	35 OH							2409	BPUB	100 00TPI00Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	11	2012 Twin Buttes	Big Hill	31 OH							11269	LCRA TSC	100 12TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2011 Scurry County Sc	Tonkawa	30.4 OH							44372	Oncor Electric Delivery	100 12TPI004Under Con	Reliability		
2010 US	ERCOT	-	AC	300-399	4	2015 Lobo	Rio Bravo	30 OH							3278	AEP/ETT	100 11TPI001Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2013 Bearkat	Sand Bluff	28.9 OH							44372	Wind Energy Transmission	100 12TPI006Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2012 Newton	Killeen	27.9 OH							44372	Oncor Electric Delivery	100 12TPI003Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2018 DeCordova	Benbrook	27 OH							44372	Oncor Electric Delivery	100 00TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	7	2013 LS02 Nazareth	Hereford	25.5 OH							17008	SU	100 12TPI005Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2018 Loma Alta	Palma	25 OH							2409	BPUB	100 00TPI00Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2022 Southeast Nacog	Lufkin Switch	21 OH							44372	Oncor Electric Delivery	100 12TPI007Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2020 Cagnon	Hill Country	19.5 OH							16604	CPS	100 09TPI001Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2016 Collin Switch	NW Carrollton	19.3 OH							44372	Oncor Electric Delivery	100 07TPI023Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2011 Central Bluff -	Bluff Creek	19 OH							44372	Oncor Electric Delivery	100 11TPI006Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2015 Fayette Power Pr	Fayette Power Pr	16.4 OH							11269	LCRA TSC	100 15TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2011 Temple Switch	Salado	15.2 OH							44372	Oncor Electric Delivery	100 07TPI004Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2013 North McCamey	Bakersfield	15 OH							17583	Wind Energy Transmission	100 12TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	10	2016 N. Edinburg	Sol	15 OH							3278	AEP/ETT	100 13TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	9	2015 Nopalito	Sand Dollar	14.5 OH							3278	AEP/ETT	100 14TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2018 Lliggett	Trinity Switch	12.8 OH							44372	Oncor Electric Delivery	100 07TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	10	2016 Frontera	Sol	12.4 OH							3278	AEP/ETT	100 13TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	12	2016 Frontera	South McAllen	12.16 OH							3278	AEP/ETT	100 13TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	9	2014 Lon Hill	Sand Dollar	11.4 OH							3278	AEP/ETT	100 14TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2014 Venus	Webb	11.3 OH							44372	Oncor Electric Delivery	100 07TPI007Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2020 Hill Country	Skyline	11 OH							16604	CPS	100 09TPI001Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2012 Zenith	Gertie	10 OH							8901	CNP	100 12TPI004Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2018 LaPalma	Ranchito	10 OH							3278	AEP/ETT	100 00TPI01Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2014 Tricorner	Seagoville	9.4 OH							44372	Oncor Electric Delivery	100 07TPI012Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2015 Gillesland	Techslide	8 OH							1015	AUSTIN ENERGY	100 08TPI003Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2013 Riley	Oklauion	3.55 OH							3278	AEP/ETT	100 11TPI005Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2014 Martin Lake - Trir	Mount Enterprise	2 OH							44372	Oncor Electric Delivery	100 14TPI003Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	9	2014 Sand Dollar	Las Brisas Enerc	2 OH							3278	AEP/ETT	100 14TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	7	2016 Sand Dollar	Las Brisas	2 OH							3278	AEP/ETT	100 15TPI000Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	9	2011 Rattlesnake Roac	Lake Creek	1.5 OH							44372	Oncor Electric Delivery	100 09TPI010Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	5	2011 Singleton	T.H. Wharton	1 OH							8901	CNP	100 10TPI004Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	6	2012 Twin Buttes	Brown	0.2 OH							44372	Oncor Electric Delivery	100 11TPI004Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	9	2014 Lon Hill	Whitepoint	0.1 OH							3278	AEP/TCC	100 14TPI002Planned	Reliability		
2010 US	ERCOT	-	AC	300-399	9	2014 Whitepoint	Hairpin into Nopa	0.1 OH							3278	AEP/TCC	100 14TPI002Planned	Reliability		
2010 US	FRCC	-	AC	200-299	200-299	1190	2015 Manatee	Bob White	30 OH	P	C	954	ACSR	2	1	1	6452	FPL	100 Manatee-B Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	759	2016 St. Johns	Pringle	26 OH	P	C	1431	ACSR	1	1	1	6452	FPL	100 St. Johns-F Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	1000	2011 Hines Energy Cor	West Lake Wales	21 OH	P	S	1622	OT	1	1	2	6455	PEF	100 Hines Ener Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	1000	2012 Kathleen N	Zephyr Hills N	5 OH	P	S	1622	OT	1	0	1	6455</			

PlannedCircuitMiles

2010 US	FRCC	-	AC	200-299	200-299	759	6	2014 Allico	Ft Myers	19.5 OH	1431	ACSR	6452	FPL	I	100 Allico-Ft MyPlanned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	759	6	2014 Allico	Ft Myers	1 OH	1431	ACSR	6452	FPL	I	100 BuckinghamPlanned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	759	6	2012 Turkey Pt	Princeton30	11 OH	1431	ACSR	6452	FPL	I	100 Princeton Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	668	6	2011 CENTR PK	CEC	11.3 OH			9617	JEA	M	100 CENTR PKUnder Con	Reliability
2010 US	FRCC	-	AC	100-120	100-120	289	12	2011 NASSAU	STARRATT	8.9 OH			9617	JEA	M	100 NASSAU Under Con	Reliability
2010 US	FRCC	-	AC	100-120	100-120	289	12	2011 RITTR PK	STARRATT	6.7 OH			9617	JEA	M	100 RITTR PK Under Con	Reliability
2010 US	FRCC	-	AC	200-299	200-299	668	12	2016 DINSMORE	SJRPP	14 OH			9617	JEA	M	100 DINSMOR Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	668	12	2016 DINSMORE	WESTLAKE	8.3 OH			9617	JEA	M	100 DINSMOR Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	668	12	2014 NOCATEE	GEC	4.4 OH	1590	ACSR	9617	JEA	M	100 NOCATEE Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	668	12	2017 FOREST	PT. MEAD	3 OH			9617	JEA	M	100 FOREST Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	637	12	2017 PT. MEAD	SE JAX	3.1 OH			9617	JEA	M	100 PT. MEAD Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	668	12	2011 SJRPP	ROBNWOOD	15.2 OH			9617	JEA	M	100 SJRPP to IUnder Con	Reliability
2010 US	FRCC	-	AC	200-299	200-299	677	12	2012 CR PLANT	Lecanto	13.7 OH	1590	ACSR	6455	PEF	I	100 107-2013T Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	677	11	2015 BROOKRIDGE	BROOKSVL W 2	3.32 OH	1590	ACSR	6455	PEF	I	100 273-2224T Planned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	677	11	2015 BROOKSVL W 2	HUDSON 230	11.92 OH	1590	ACSR	6455	PEF	I	100 274-2224T Planned	Reliability
2010 US	FRCC	-	AC	100-120	100-120	232	1	2012 SUB 17	SUB 14	4 OH	954	ACSR	18445	TAL	M	100 Line 28 - SPlanned	Reliability
2010 US	FRCC	-	AC	100-120	100-120	232	1	2012 SUB 14	SUB 7	6 OH	954	ACSR	18445	TAL	M	100 Line 27 - SPlanned	Reliability
2010 US	FRCC	-	AC	100-120	100-120	208	9	2013 HOPKINS	SUB 23	2.87 OH	795	ACSR	18445	TAL	M	100 Hopkins - SPlanned	Reliability
2010 US	FRCC	-	AC	100-120	100-120	208	9	2013 SUB 23	SUB 3	3 OH	795	ACSR	18445	TAL	M	100 Sub 23 - SPlanned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	1118	6	2015 WHEELER	THONOTOSASS	8.2 OH	1590	ACSR	18454	TEC	I	100 Wheeler RPlanned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	1118	6	2018 PEBB	WILLOW	11 OH	1590	ACSR	18454	TEC	I	100 PebbledalePlanned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	1118	6	2018 WILLOW	WHEELER	20 OH	1590	ACSR	18454	TEC	I	100 Willow OakPlanned	Reliability
2010 US	FRCC	-	AC	200-299	200-299	1118	6	2019 Davis Rd	Dimtry	15 OH	1590	ACSR	18454	TEC	I	100 Davis Rd LPlanned	Reliability
2010 US	MISO	-	AC	300-399	345	2066	9	2013 Lyon County	Cedar Mountain	51.9 OH			7570	GRE		Brookings, Planned	Reliability
2010 US	MISO	-	AC	300-399	345	2066	11	2013 Cedar Mountain	Helena	62.2 OH			7570	GRE		Brookings, Planned	Reliability
2010 US	MISO	-	AC	300-399	345	2066	11	2013 Cedar Mountain	Helena	62.2 OH			7570	GRE		Brookings, Planned	Reliability
2010 US	MISO	-	AC	300-399	345	2066	6	2014 Helena	Lake Marion	26.6 OH			7570	GRE		Brookings, Planned	Reliability
2010 US	MISO	-	AC	300-399	345	2066	6	2014 Lake Marion	Hampton Corner	18.5 OH			7570	GRE		Brookings, Planned	Reliability
2010 US	MISO	-	AC	300-399	345	2066	3	2015 Lyon County	Hazel	23.5 OH			7570	GRE		Brookings, Planned	Reliability
2010 US	MISO	-	AC	200-299	230	1558	3	2015 Hazel	Minnesota Valley	6 OH			7570	GRE		Brookings, Planned	Reliability
2010 US	MISO	-	AC	100-120	115	336	2	2014 Cedar Mountain	Franklin	5 OH			7570	GRE		Brookings, Planned	Reliability
2010 US	MISO	-	AC	151-199	161	280	6	2011 GM-Point Prairie	AECI Enon Subst	1 OH			520	Ameren		GM-Point FPlanned	Reliability
2010 US	MISO	-	AC	300-399	345	1430	6	2012 AB Brown	Reid (BREC)	25.7 OH				Vectren		New Trans Under Con	Reliability
2010 US	MISO	-	AC	300-399	345	1195	12	2012 Salem	Hazleton	81 OH				ITCM		Hazleton - Planned	Reliability
2010 US	MISO	-	AC	151-199	161	326	12	2012 Lewis Fields	Hiawatha	8.5 OH				ITCM		Lewis FieldsPlanned	Economics or Congestion
2010 US	MISO	-	AC	151-199	161	335	6	2013 Morgan Valley	Beverly	7.9 OH				ITCM		Build a newPlanned	Economics or Congestion
2010 US	MISO	-	AC	121-150	138	0	12	2011 Donaldson Creek	radial line	6 OH			METC		Required fPlanned	Variable/Renewable Integration	
2010 US	MISO	-	AC	121-150	138	282	12	2012 Rochelle	Ridgeway	1.04 OH			DEM		Ashland to Planned	Reliability	
2010 US	MISO	-	AC	121-150	138	282	6	2012 Ridgeway	Ashland	1.31 OH			DEM		Ashland to Planned	Reliability	
2010 US	MISO	-	AC	300-399	345	1386	1	2014 Bloomington	Pritchard	15 OH			9273	IPL		Bloomingt Conceptua	Economics or Congestion
2010 US	MISO	-	AC	300-399	345	956	1	2014 Pritchard	Franklin Twp	24 OH			9273	IPL		Bloomingt Conceptua	Economics or Congestion
2010 US	MISO	-	AC	300-399	345	1386	1	2014 Franklin Twp	Hanna	2.75 OH			9273	IPL		Bloomingt Conceptua	Economics or Congestion
2010 US	MISO	-	AC	121-150	138	306	6	2013 Qualitech	Pittsboro Jct	3.3 OH			DEM		Qualitech I Planned	Economics or Congestion	
2010 US	MISO	-	AC	151-199	161		12	2012 Eldora	Iowa Falls Industri	10.7 OH			ITCM		MarshalltonPlanned	Reliability	
2010 US	MISO	-	AC	100-120	115		12	2012 Eldora	Iowa Falls Industri	-10.7 OH			ITCM		MarshalltonPlanned	Reliability	
2010 US	MISO	-	AC	151-199	161	326	12	2012 Eldora	Iowa Falls Industri	2 OH			ITCM		MarshalltonPlanned	Reliability	
2010 US	MISO	-	AC	100-120	120	343	6	2011 CyoletP	Clyde	3 OH			ITC		ITC Planned	Other	
2010 US	MISO	-	AC	100-120	115	5	12	2013 Tahoce	Wiscom	2.3 OH			ITC		Tahoce Planned	Other	
2010 US	MISO	-	AC	100-120	115	175	6	2012 Clear Lake	Woodmin	7.5 OH			ATC LLC		Clear Lake Planned	Other	
2010 US	MISO	-	AC	100-120	115	318	6	2011 Helena	St. Thomas	6 OH			.7570 XEL_GRE		North MarlPlanned	Reliability	
2010 US	MISO	-	AC	100-120	115	142	12	2011 Tap Existing Area	New Load Servin	4 OH			40580 SMP		City of RedPlanned	Reliability	
2010 US	MISO	-	AC	151-199	161	447	6	2012 Pleasant Valley	Byron	25 OH			XEL		Required fPlanned	Variable/Renewable Integration	
2010 US	MISO	-	AC	600+	765	4008	8	2018 DEM Brookston	AEP Sullivan	0 OH			Non-MISO		AEP Sullivan Conceptua	Variable/RReliability	
2010 US	MISO	-	AC	600+	765	3576	8	2018 DEM Brookston	AEP Sullivan	0 OH			DEM, Non-MISO		DEM Brookston Conceptua	Variable/RReliability	
2010 US	MISO	-	AC	300-399	345	0	12	2019 Big Stone South	Ellendale	145 OH			14233, 12195	OTF, MDU	Big Stone Planned	Reliability	
2010 US	MISO	-	AC	300-399	345	0	12	2017 Big Stone South	Brookings 345 kv	65 OH			14232,	OTF, XEL	Big Stone Planned	Reliability	
2010 US	MISO	-	AC	200-299	230	0	12	2017 Big Stone	Big Stone South	2 OH			14232,	OTF, XEL	Big Stone Planned	Reliability	
2010 US	MISO	-	AC	200-299	230	0	12	2017 Big Stone	Big Stone South	2 OH			14232,	OTF, XEL	Big Stone Planned	Reliability	
2010 US	MISO	-	AC	300-399	345	1793	6	2018 Meradosia	Ipava	43 OH			520	AmerenIL	Meradosia Conceptua	Variable/RReliability	
2010 US	MISO	-	AC	300-399	345	1793	6	2018 Meradosia	Panmee	58 OH			520	AmerenIL	Meradosia Conceptua	Economics Variable/Renewable Integration	
2010 US	MISO	-	AC	300-399	345	1793	6	2020 Mt. Zion	Pana	30 OH			520	AmerenIL	Pana to Mt Conceptua	Economics Variable/Renewable Integration	
2010 US	MISO	-	AC	300-399	345	1793	6	2020 Mt. Zion	Kansas	52 OH			520	AmerenIL	Mt. Zion to Conceptua	Economics Variable/Renewable Integration	
2010 US	MISO	-	AC	300-399	345	1793	6	2017 Rising	Sidney	27 OH			520	AmerenIL	Rising to S Conceptua	Economics or Congestion	
2010 US	MISO	-	AC	300-399	345	1793	6	2020 Kansas	Sugar Creek	23.7 OH			520	AmerenIL	Kansas to Conceptua	Economics Variable/Renewable Integration	
2010 US	MISO	-	AC	300-399	345	1793	6	2017 Ottumwa	Thomas Hill	105 OH			520,	AmerenMO, ITCM	Thomas HI Conceptua	Variable/RReliability	
2010 US	MISO	-	AC	121-150	138	0	6	2011 Inland	CPP	0 OH			FE		Inland Sub Under Con	Reliability	
2010 US	MISO	-	AC	300-399	345	0	6	2014 Beaver	Davis Besse	0 OH			FE		Beaver - D Planned	Variable/R Economics or Congestion	
2010 US	MISO	-	AC	121-150	138	0	6	2012 Line 1364 (new t	Washington Stret	0.17 OH			520	AmerenIL	Washington Planned	Reliability	
2010 US	MISO	-	AC	300-399	345	1793	6	2016 Lutesville	Northwest Cape	11 OH			520	AmerenMO	Northwest C Conceptua	Reliability	
2010 US	MISO	-	AC	100-120	115	361	6	2012 Benton Co	Mayhew Lake	4 OH			XEL		St. Cloud LPlanned	Reliability	
2010 US	MISO	-	AC	300-399	345	1793	12	2018 Fargo	Maple Ridge	20 OH			520	AmerenIL	New 345K Planned	Reliability	
2010 US	MISO	-	AC	200-299	230	423	4	2012 Boswell	Essar Mine Sub (16 OH			12647	MP	Essar Planned	Other	
2010 US	MISO	-	AC	200-299	230	423	1	2015 Essar steel plant	Shannon	8 OH			12647	MP	Essar Planned	Other	
2010 US	MISO	-	AC	200-299	230	465	7	2012 Blackberry	Essar Mine Sub (16 OH			12647	MP	Essar Planned	Other	
2010 US	MISO	-	AC	200-299	230	465	3	2012 Essar Mine Sub	(Essar steel plant	2.5 OH			12647	MP	Essar Planned	Other	
2010 US	MISO	-	AC	121-150	138	202	12	2012 Skibo	Hoyt Lakes	3 OH			12647	MP	Skibo	Conceptua Reliability	
2010 US	MISO	-	AC	100-120	115	0	10	2012 Sartell	Le Sauk	3 OH			7570	GRE	Sartell (SE Planned	Other	
2010 US	MISO	-	AC	100-120	115	0	10	2011 Potato Lake	Potato Lake Tap	7 OH			7570	GRE	Potato Lak Under Con	Other	
2010 US	MISO	-	AC	100-120	115	0	6	2013 Northport	Northport Tap	1 OH			7570	GRE	Northport Planned	Other	
2010 US	MISO	-	AC	100-120	115	0	5	2017 St. Lawrence	St. Lawrence Tap	0.5 OH			7570	GRE	St. Lawren Planned	Other	
2010 US	MISO	-	AC	100-120	115	0	12	2011 Pokegama	Pokegama Tap	8 OH			7570	GRE	Pokegama Planned	Other	
2010 US	MISO	-	AC	100-120	115	360	6	2012 Hiawatha	Midtown	1.25 OH			XEL		South Minr Planned	Reliability	
2010 US	MISO	-	AC	300-399	345	2110	12	2020 Spring Green	Dubuque Co	75.13 OH			ATC LLC, ITCM		Dubuque C Conceptua	Variable/R Reliability	
2010 US	MISO	-	AC	300-399	345	2110	12	2020 Spring Green	Cardinal	28 OH			ATC LLC		Dubuque C Conceptua	Variable/R Reliability	
2010 US	MISO	-	AC	200-299	230	519	12	2011 Noblesville Gen.	Gest	9.6 OH			DEM		NoblesvillePlanned	Other	
2010 US	MISO	-	AC	100-120	120	0	12	2012 Ariel (formerly Hc	Wheeler	0.1 OH			ITC		Ariel Subst Planned	Other	
2010 US	MISO	-	AC	100-120	120	0	12	2012 Ariel (formerly Hc	Troy	0.1 OH			ITC		Ariel Subst Planned	Other	
2010 US	MISO	-	AC	100-120	120	0	6	2015 St Antoine	Essex	5.1 OH			ITC		St Antoine- Conceptua	Reliability	
2010 US	MISO	-	AC	3													

2010 US	MISO	-	AC	121-150	138	411	6	2014 Bondville	S.W. Campus	8 OH				520	AmerenIL	Bondville-S Planned	Economics or Congestion				
2010 US	MISO	-	AC	300-399	345	1793	6	2017 Palmyra	Quincy	10 OH				520	AmerenIL	Quincy Are Conceptua Variable/R	Economics or Congestion				
2010 US	MISO	-	AC	300-399	345	1793	6	2018 Hutsonville Plant	Merom	12 OH				520	AmerenIL	Newton-H Conceptua Reliability					
2010 US	MISO	-	AC	300-399	345	1793	6	2018 Quincy Area	Meredosia	40 OH				520	AmerenIL	Quincy-Mer Conceptua Reliability	Variable/Renewable Integration				
2010 US	MISO	-	AC	151-199	161	12	6	2016 Oak Grove	Galesburg	0 OH					MEC	Oak Grove Conceptua Reliability					
2010 US	MISO	-	AC	300-399	345	0	6	2018 Fargo	Oak Grove	70 OH					AmerenIL, MEC	Fargo-Oak Conceptua Reliability					
2010 US	MISO	-	AC	100-120	115	120	10	2014 Dickinson Basin	Dickinson West	5 OH				12199	MDU	Dickinson Planned	Reliability				
2010 US	MISO	-	AC	100-120	115	120	10	2014 North Dickinson	Dickinson West	3 OH				12199	MDU	Dickinson Planned	Reliability				
2010 US	MISO	-	AC	100-120	115	144	5	2012 Boswell	Nashwauk	0 OH					MP	28L rerout/planned	Other				
2010 US	MISO	-	AC	121-150	138	293	6	2016 South Lake Gene	North Lake Gene	5 OH					ATC LLC	North Lake Conceptua Reliability					
2010 US	MISO	-	AC	300-399	345	2110	12	2018 North LaCrosse	North Madison	136,331 OH					ATC LLC, XEL	N LaCross Conceptua Variable/R	Reliability				
2010 US	MISO	-	AC	300-399	345	2110	12	2018 North Madison	Cardinal	20,546 OH					ATC LLC, XEL	N LaCross Planned	Reliability Economics or Congestion				
2010 US	MISO	-	AC	300-399	345	0	12	2013 Rapson (formerly Baker (formerly F		56 OH					ITC	Michigan T Planned	Variable/Renewable Integration				
2010 US	MISO	-	AC	300-399	345	0	12	2013 Rapson (formerly Baker (formerly F		56 OH					ITC	Michigan T Planned	Variable/Renewable Integration				
2010 US	MISO	-	AC	300-399	345	0	12	2015 Rapson (formerly Greenwood		65 OH					ITC	Michigan T Planned	Variable/Renewable Integration				
2010 US	MISO	-	AC	300-399	345	0	12	2015 Rapson (formerly Greenwood		65 OH					ITC	Michigan T Planned	Variable/Renewable Integration				
2010 US	MISO	-	AC	300-399	345	0	12	2015 Greenwood	Fitz (formerly Sar	19 OH					ITC	Michigan T Planned	Variable/Renewable Integration				
2010 US	MISO	-	AC	300-399	345	0	12	2015 Greenwood	Fitz (formerly Sar	19 OH					ITC	Michigan T Planned	Variable/Renewable Integration				
2010 US	MISO	-	AC	300-399	345	1793	6	2018 Adair	Palmyra Tap	63.4 OH				520	AmerenMO	West Adair Conceptua Variable/R	Reliability				
2010 US	MISO	-	AC	200-299	230	380	12	2011 Ellendale	G359 POI	24 OH				12199	MDU	Required ft Planned	Variable/R	Reliability			
2010 US	MISO	-	AC	300-399	345	1739	12	2016 Sheldon	Webster	120 OH					MEC	Sheldon - I Conceptua Variable/R	Reliability				
2010 US	MISO	-	AC	121-150	138	348	6	2018 Barnhart	Plymouth #4	5.87 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	121-150	138	348	6	2018 Plymouth #4	Howards Grove	3.13 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	121-150	138	348	6	2018 Howards Grove	Erdman	6.6 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	121-150	138	1096	6	2018 Barnhart	Branch River	-35.5 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	300-399	345	1096	6	2018 Barnhart	Branch River	35.5 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	121-150	138	883	6	2018 Branch River	Forest Jct	-12.88 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	300-399	345	883	6	2018 Branch River	Forest Jct	12.88 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	300-399	345	1096	6	2018 Branch River	Point Beach	1.0 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	300-399	345	1096	6	2018 Branch River	Sheboygan Energt	1.0 OH					ATC LLC	Required ft Conceptua Other					
2010 US	MISO	-	AC	300-399	345	1739	12	2015 Black Hawk	Webster	91.25 OH					MEC, ITOM	Webster - I Conceptua Variable/R	Reliability				
2010 US	MISO	-	AC	300-399	345	1200	12	2018 Black Hawk	Hazleton	24 OH					MEC	Webster - I Conceptua Variable/R	Reliability				
2010 US	MRO	MAPP	AC	300-399	345	1206	4	2013 CENTER 345 KV PRAIRIE 345 KV		250 OH	P	S	959.6	ACSR	2	1	1	12658	MINNKOTA FC	100 CENTER-I Planned	Reliability Fossil-Fired Integration
2010 US	MRO	MAPP	AC	200-299	230	641	12	2012 WILTON 230 KV CASS LAKE 230		19 OH	H	S	795	ACSS	1	1	1	12658	MINNKOTA FC	31.5 BEIMDUJ - Planned	Reliability Fossil-Fired Integration
2010 US	MRO	MAPP	AC	200-299	230	641	12	2012 CASS LAKE 230 BOSWELL 230 K		51 OH	H	S	795	ACSS	1	1	1	12658	MINNKOTA FC	31.5 CASS LAK Planned	Reliability Fossil-Fired Integration
2010 US	MRO	MAPP	AC	100-120	115	142	9	2011 WAPA Letcher, Jr Mitchell Transmis		14.4 OH	P	S	556	ACSR	1	1	1	13809	NorthWestern I	100 Letcher Jct Under Con	Reliability Economics or Congestion
2010 US	MRO	MAPP	AC	200-299	230	472	12	2014 Lower Brule d/bi c Big Bend		2.1 OH	P	S	1272	ACSR	1	2	2	27000	Western Area F	100 Big Bend-I Planned	Reliability
2010 US	MRO	MAPP	AC	151-199	161	332	6	2012 AMES Plant 161/NE Ankeny 161 k		22 OH	P	W	T2-397 ACACSR	1	1	1	554	Ames, City of M	100 AMES Plan Planned	Reliability Economics or Congestion	
2010 US	MRO	MAPP	AC	200-299	230	200	1	2011 Williston 2 (WN2) Tioga (TGA)		61 OH	P	S	1272	MCMACSR	1	1	1	1307	BEPC	100 Williston - Under Con	Reliability
2010 US	MRO	MAPP	AC	300-399	345	1000	1	2015 Brookings, SD	Twin Cities, MN	230 OH	P	S		ACSR	2	2	2	3519	Central MN M m	2.2 CapX Planned	Reliability Economics or Congestion
2010 US	NPCC	New Engla AC		100-120	115	238	6	2015 Rochester Subst North Rochester		6.88 OH	P	W	795	ACSR	1	1	1	15472	PSNH	100 Rochester Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	380	5	2011 Rumford Industri/Rumford		1.3 OH							3266	CMP	100 Rumford-AP Planned	Reliability	
2010 US	NPCC	New Engla AC		100-120	115	380	5	2014 Orrington	Coopers Mills	54 OH	H	W	795	ACSR	2	1	1	3266	CMP	100 MPRP Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	282	12	2012 Larrabee Road	Lewiston Lower	5.7 OH	P	W	1113	ACSR	1	1	1	3266	CMP	100 MPRP Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	282	12	2012 Larrabee Road	Lewiston Lower	1.2 UG	P	W	1500	CU	1	1	1	3266	CMP	100 MPRP Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	282	2	2013 Larrabee Road	Livermore Falls	24.1 OH	P	W	1113	ACSR	1	1	1	3266	CMP	100 MPRP Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	282	4	2013 Livermore Falls	Rumford	20.4 OH	P	W	1113	ACSR	1	1	1	3266	CMP	100 MPRP Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	282	5	2012 Wyman Hydro	Rose Top Tap (H	39 OH	P	W	1113	ACSR	1	1	1	3266	CMP	100 Section 24 Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115		12	2014 Brayton Point Sta Somerset		6.9 OH	P	S	954	ACSR	0	0	0	13433	NGRID	100 Greater Rb Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	259	6	2013 Millbury	Tower	3.9 OH	T	S	954	ACSR	0	0	0	13433	NGRID	100 Central/We Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	232	12	2012 King St	West Amesbury	7.2 OH	P	S	795	ACSR	0	0	0	13433	NGRID	100 Merrimack Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	262	2	2015 Otter River	East Winchendor	5.7 OH	H	W&S	954	ACSR	0	0	1	13433	NGRID	100 Central/We Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115	179	12	2015 North Bloomingdgt/Vernon		3.6 UG	U	O	2000	CU				13433	NGRID	100 Worcester Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115		12	2014 Somerset	Bell Rock	3.7								13433	NGRID	100 Greater Rb Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115		12	2014 West Walpole	Holbrook		T	S	954	ACSS	1	2	2	1998	NSTAR	100 Boston Are Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115		12	2013 Canal	Barnstable		P	W					1998	NSTAR	100 Mid Cape I Conceptua	Reliability	
2010 US	NPCC	New Engla AC		100-120	115		12	2015 Wakefield	Everett								1998	NSTAR	100 Greater Bo Conceptua	Reliability	
2010 US	NPCC	New Engla AC		100-120	115		12	2015 Woburn	Burlington								1998	NSTAR	100 Greater Bo Conceptua	Reliability	
2010 US	NPCC	New Engla AC		100-120	115	696	12	2014 Northfield Mt. Sut Erving Substation		1.2 OH	P	S	1272	ACSS	2	1	1	20455	WMCO	100 Pittsfield/G Planned	Reliability
2010 US	NPCC	New Engla AC		100-120	115			Glenbrook Subst/Stamford Area			UG						4176	CL&P	100 Stamford I Conceptua	Reliability	
2010 US	NPCC	New Engla AC		100-120	115			Holyoke Fairmont/Lyman Substation			OH			1113	ACSR			8776	HGE	100 Lyman Sut Conceptua	Reliability
2010 US	NPCC	New Engla AC		200-299	230	496	6	2013 Granite S/S	Middlesex S/S	16	P	P	954	ACSR	1	1	1	19899	VELCO	100 Granite/Mt Conceptua	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2169	12	2014 Carver	Bourne	17.9	P	S	1703	OT	1	1	1	1998	NSTAR	100 Long Term Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2172	12	2013 West Famum S/E/CT/RI Border		17.7 OH	H	S	1590	ACSR	2	1	1	13433	NGRID	100 NEEWS Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2172	12	2013 Millbury S/S	West Famum S/	20.7 OH	H	S	1590	ACSR	2	1	1	13433	NGRID	100 NEEWS Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	1353	12	2011 Kent County	West Famum S/	0.1 OH	H	S	2900	ACC	2	1	1	13433	NGRID	100 NEEWS Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	1545	6	2012 Berry St	303 Taps	21.4 OH	P	S	954	ACSR	2	1	1	13433	NGRID	100 NEEWS Under Con	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2420		2015 Card S/S	Lake Road S/S	29.3 OH	H	S	1590	ACSS	2	1	1	4176	CL&P	100 NEEWS Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2420		2015 Lake Road S/S	CT/RI Border	7.6 OH	H	S	1590	ACSS	2	1	1	4176	CL&P	100 NEEWS Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2420		2016 Frost Bridge S/S	North Bloomfield	35.4 OH	P	S	1590	ACSS	2	2	2	4176	CL&P	100 NEEWS Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2420	12	2013 Manchester	Meeville Jct.	2 OH	P	S	1590	ACSS	2	2	2	4176	CL&P	100 NEEWS Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2420	12	2013 North Bloomfield	CT/MA Border	11.8 OH	H	W	1590	ACSS	2	2	2	4176	CL&P	100 NEEWS Planned	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2420	12	2013 Agawam S/S	Ludlow S/S	16.8 OH	P	S	1590	ACSS	2	1	1	20465	WMCO	100 NEEWS Under Con	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2151	12	2012 Orrington S/S	Albion Road S/S	59 OH	H	S	1590	ACSR	2	1	1	3266	CMP	100 MPRP Under Con	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2151	3	2014 Albion Road S/S	Coopers Mills S/S	21 OH	H	S	1590	ACSR	2	1	1	3266	CMP	100 MPRP Under Con	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2151	9	2013 Larrabee Road S	Coopers Mills S/S	34.3 OH	H	S	1590	ACSR	2	1	1	3266	CMP	100 MPRP Under Con	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2151	10	2012 Larrabee Road S	Surowic S/S	17 OH	H	S	1590	ACSR	2	1	1	3266	CMP	100 MPRP Under Con	Reliability
2010 US	NPCC	New Engla AC		300-399	345	2151	6														

2010 US	PJM	-	AC	121-150	138	251	6	2014 South Canton	West Canton	4.1 OH	S	795	ACSR	1	2	2	14006	AEP	I		100 B-1034.1	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	251	6	2014 West Canton	Wayview	0 OH	S	795	ACSR	1	2	2	14006	AEP	I		100 B-1034	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	251	6	2014 Wagenhals	Wayview	9 OH	S	795	ACSR	1	2	2	14006	AEP	I		100 B-1034.1	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	359	6	2014 West Millersport	Wayview	15 OH	S	1590	ACSR	1	2	2	14006	AEP	I		100 B-1035	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	388	6	2014 Hyatt	Sawmill	5.38 OH	S	1590	ACSR	1	2	2	14006	AEP	I		100 B-1052	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	669	6	2013 Softshell	Bonnyman	24 OH	H	S	1590	Other	1	1	1	14006	AEP	I		100 B-0838	Planned	Reliability
2010 US	PJM	-	AC	121-150	138	167	6	2015 East Watervliet	Benton Harbor	2.5 OH	S	1033.5	ACSR	1	2	2	14006	AEP	I		100 B-1430	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	167	6	2015 East Watervliet	Hartford	2.5 OH	S	1033.5	ACSR	1	2	2	14006	AEP	I		100 B-1430	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	223	6	2015 Highland	Hillsboro	3 OH	S	636	ACSR	1	1	1	14006	AEP	I		100 B-1468	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	223	6	2015 Highland	Seaman	17.30 OH	H	S	636	ACSR	1	1	1	14006	AEP	I		100 B-1468	Planned	Reliability
2010 US	PJM	-	AC	121-150	138	150	6	2015 Adams	Seaman	0 OH	H	W	336.4	ACSR	1	1	1	14006	AEP	I		100 B-1468	Planned	Reliability
2010 US	PJM	-	AC	121-150	138	150	6	2015 Adams	Waverly	0 OH	H	W	336.4	ACSR	1	1	1	14006	AEP	I		100 B-1468	Planned	Reliability
2010 US	PJM	-	AC	121-150	138	296	6	2015 Butler Center	Woods Road	9 OH	S	1033.5	ACSR	1	1	2	14006	AEP	I		100 B-1490	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	296	6	2015 Butler Center	Auburn	9 OH	S	1033.5	ACSR	1	1	2	14006	AEP	I		100 B-1490	Planned	Reliability	
2010 US	PJM	-	AC	600+	765	4257	6	2014 Vassell	Kammer	0 OH	S	954	ACSR	4	1	1	14006	AEP	I		100 S-0251	Planned	Reliability	
2010 US	PJM	-	AC	600+	765	4174	6	2014 Vassell	Maliszewski	0 OH	S	954	ACSR	4	1	1	14006	AEP	I		100 S-0251	Planned	Reliability	
2010 US	PJM	-	AC	300-399	345	1409	6	2014 Vassell	Hyatt	0 OH	S	954	ACSR	2	1	1	14006	AEP	I		100 S-0251	Planned	Reliability	
2010 US	PJM	-	AC	300-399	345	1409	6	2014 Vassell	Corridor	8 OH	S	954	ACSR	2	2	2	14006	AEP	I		100 S-0251	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	251	6	2014 Vassell	Delaware	17.4 OH	S	795	ACSR	1	2	2	14006	AEP	I		100 S-0251	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	338	9	2011 West Campus	Roberts	1.12 OH	S	1272	ACSR	1	2	2	14006	AEP	I		100 S-0252	Under Con	Reliability	
2010 US	PJM	-	AC	121-150	138	323	9	2011 West Campus	Roberts	4.42 UG	u	o	2500	Copper	1	1	1	14006	AEP	I		100 S-0252	Under Con	Reliability
2010 US	PJM	-	AC	121-150	138	323	9	2011 West Campus	HSL	1 UG	u	o	2500	Copper	1	1	1	14006	AEP	I		100 S-0252	Under Con	Reliability
2010 US	PJM	-	AC	121-150	138	167	3	2011 Timber Road Swi	Haviland	0 OH	S	397.5	ACSR	1	2	2	14006	AEP	I		100 R-49	Under Con	Generation Integration - Renewable	
2010 US	PJM	-	AC	121-150	138	167	3	2011 Timber Road Swi	Milan	0 OH	S	397.5	ACSR	1	2	2	14006	AEP	I		100 R-49	Under Con	Generation Integration - Renewable	
2010 US	PJM	-	AC	300-399	345	897	6	2011 Maddox Creek	East Lima	0 OH	S	1275	ACSR	1	1	1	14006	AEP	I		100 R-60	Under Con	Generation Integration - Renewable	
2010 US	PJM	-	AC	300-399	345	897	6	2011 Maddox Creek	Conroy	0 OH	S	1275	ACSR	1	1	1	14006	AEP	I		100 R-60	Under Con	Generation Integration - Renewable	
2010 US	PJM	-	AC	600+	765	6500	6	2015 Amos	Welton Spring	175 OH	S	957.2	ACSR/TW 6	1	1	1	PATH	I			100 PATH	Conceptua	Reliability	
2010 US	PJM	-	AC	600+	765	6500	6	2015 Welton Spring	Kemptown	100 OH	S	957.2	ACSR/TW 6	1	1	1	PATH	I			100 PATH	Conceptua	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Dutch Fork	Braddock	0 OH	ACAR	1024	ACAR				20387	AP	I		100 b1023.4	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Charleroi	Braddock	0 OH	ACAR	1024	ACAR				20387	AP	I		100 b1023.4	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Gordon	Braddock	0 OH	ACAR	1024	ACAR				20387	AP	I		100 b1023.4	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Washington	Braddock	0 OH	ACAR	1024	ACAR				20387	AP	I		100 b1023.4	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Franklin	Braddock	0 OH	ACAR	1024	ACAR				20387	AP	I		100 b1023.4	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Vanceville	Braddock	0 OH	ACAR	1024	ACAR				20387	AP	I		100 b1023.4	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	12	12	2015 North Washington	Salisburg	8 OH	S	954	ACSR	1	2	2	20387	AP	I		100 s0028	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Osage	Whiteley	12 OH	S	954	ACSR	1	2	2	20387	AP	I		100 b0674	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	9	9	2011 Cabot	Paradise Jct	3 OH	S	954	ACSR	1	2	2	20387	AP	I		100 b0573.1	Under Con	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2014 Silverville	Spohn Rd. Junct	5 OH	S	954	ACSR	1	2	2	20387	AP	I		100 s0019	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	10	10	2012 Whiteley	Franklin	10 OH	S	954	ACSR	1	2	2	20387	AP	I		100 b1023.2	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	1	1	2016 Pursley	Holtbrook	10 OH	S	954	ACSR	1	2	2	20387	AP	I		100 s0110	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	7	7	2012 Monocacy	Catoctin	0 OH	S	1272	ACSR	1	1	1	20387	AP	I		100 b0675.1	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	6	6	2013 Ringgold	Catoctin	0 OH	S	1272	ACSR	1	1	1	20387	AP	I		100 b0675.3	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	1	1	2013 Carroll	Catoctin	0 OH	S	1272	ACSR	1	1	1	20387	AP	I		100 b0675.4	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	6	6	2014 Elko	Carbon Center Jc	6 OH	S	1272	ACSR	1	1	1	20387	AP	I		100 b0673	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	6	6	2014 Bear Run	Carbon Center Jc	4 OH	S	1272	ACSR	1	1	1	20387	AP	I		100 b1221.4	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	6	6	2014 Carbon Center	Carbon Center Jc	1 OH	S	1272	ACSR	1	1	1	20387	AP	I		100 b1221.4	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	225/255	6	2011 Woodville	Peters	7.66 OH	t	o	795/954/1(ACSR)/AC1		2/1	2/1	20387	AP	I		30 Woodville-PI	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	225/255	6	2011 Bethel Park	Elrams	11.58 OH	t	o	795/1024	ACSR/AC1	2/1	2/1	20387	AP	I		31 Woodville-PI	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	649	6	2015 Conastone	North Northwest	21 OH	S	1590					1167	BGE	I		100 n1187	Conceptua	Reliability	
2010 US	PJM	-	AC	200-299	230	659	6	2015 Bagley	Rapheal Road	6 OH	S						1167	BGE	I		100 b1251	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	6	6	2014 Conastone	Graceton	8.6 OH	S						1167	BGE	I		100 b0497	Planned	Reliability	
2010 US	PJM	-	AC	200-299	230	6	6	2014 Graceton	Bagley	13.8 OH	S	1590	ACSR				1167	BGE	I		100 b1016	Planned	Reliability	
2010 US	PJM	-	AC	400-599	500	6	6	2015 Calvert Cliffs	Calvert Cliffs (ne	1 OH	S						1167	BGE	I		100 b0512	Planned	Nuclear Integration	
2010 US	PJM	-	AC	300-399	345	SN - 1448.6	6	2019 Byron Station 6	Wayne TSS144	5.0 OH	t	o	2-1113	ACSR	2	2	4	4110	CE	I		100 n1606	Conceptua	Reliability
2010 US	PJM	-	AC	300-399	345	SN - 1448.6	6	2019 Byron Station 6	Nelson TSS155	33 OH	t	o	2-1113	ACSR	2	1	2	4110	CE	I		100 n1639	Conceptua	Reliability
2010 US	PJM	-	AC	300-399	345	SN - 1448.6	6	2019 Kewanee	Nelson TSS155	50 OH	t	o	2-1113	ACSR	2	1	2	4110	CE	I		100 n1650	Conceptua	Reliability
2010 US	PJM	-	AC	300-399	345	SN - 1448.6	6	2019 Kewanee	Collins	85 OH	t	o	2-1113	ACSR	2	1	2	4110	CE	I		100 n1651	Conceptua	Reliability
2010 US	PJM	-	AC	121-150	138	SN - 376.16	12	2012 Rutland	Algonquin	11 OH	t	o	T2-556.5	ACSR	1	2	2	4110	CE	I		100 TO11383	Planned	Reliability
2010 US	PJM	-	AC	121-150	138	12	12	2011 Noblesville Gen.	Geist	0.6 OH	S						15470	DEM	I		100	Planned	customer request	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Qualitech	Pittsboro	3.3 OH	S	954	ACSR				15470	DEM	I		100	Planned	Reliability	
2010 US	PJM	-	AC	121-150	138	6	6	2013 Plainfield South	Pittsboro Jct	17.6 OH	S						15470	DEM	I		100	Planned	convert 69kV sub	
2010 US	PJM	-	AC	121-150	138	12	12	2017 Vincennes	Vigo St.	2.3 OH	S						15470	DEM	I		100	Planned	convert 69kv line	
2010 US	PJM	-	AC	300-399	345	12	12	2012 Speed	Paddy's West	16.66 OH	S						15470	DEM	I		100	Planned	LGEE	
2010 US	PJM	-	AC	600+	765	6	6	2020 Greentown	Meadow Lake	66 OH	S						15470	DEM	I		50	Conceptua	Reliability	
2010 US	PJM	-	AC	121-150	138	251/335	4	2011 Brunot Island	Forbes	4.89 UG	u	o	3000	CU	1	1	1	5487	DLCO	I		100 b0501	Under Con	Reliability
2010 US	PJM	-	AC	121-150	138	221/311	4	2011 Forbes	Oakland	2 UG	u	o	3000	CU	1	1	1	5487	DLCO	I		100 b0501	Under Con	Reliability
2010 US	PJM	-	AC	300-399	345	537	3	2012 Arsenal	Logans Ferry	12 UG/OH	u	o	3000/1024	CU/ACAR	1/2	1/1	1/1	5487	DLCO	I		100 TO1334.2	Under Con	Reliability</

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2010 US	PJM	-	AC	121-150	138	287/346	6	2011 Bayshore	Maclean	0	OH	S	636/954	ACSR	1 per phas 2	2	25381	FE	I	100	Under Con Reliability			
2010 US	PJM	-	AC	121-150	138	328/394	6	2011 Lemoyne	Maclean	0	OH	S	1024	ACSR	1 per phas 2	2	25381	FE	I	100	Under Con Reliability			
2010 US	PJM	-	AC	121-150	138	232/281	6	2017 Barberton	South Akron	8.1	OH	S	605	ACSR	1 per phas 1	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	103/133	12	2012 Ashtrubals	Slacy	14.7	OH	W	477	ACSR	1 per phas 0	2	25381	FE	I	100	Planned Reliability			
2010 US	PJM	-	AC	121-150	138	103/133	12	2012 Mayfield	Slacy	14.0	OH	W	477	ACSR	1 per phas 0	2	25381	FE	I	100	Planned Reliability			
2010 US	PJM	-	AC	121-150	138	199/240	6	2014 East Springfield	London	15.5	OH	S	477	ACSR	1 per phas 1	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	199/240	6	2014 London	Tangy	38.6	OH	S/W	477	ACSR	1 per phas 0	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	278/338	6	2012 Cranberry	Pine #1	1.7	OH	S	795	ACSR	1 per phas 0	1	25381	FE	I	100	Planned Reliability			
2010 US	PJM	-	AC	121-150	138	278/338	6	2012 Cranberry	Pine #2	0.3	OH	S	795	ACSR	1 per phas 0	1	25381	FE	I	100	Planned Reliability			
2010 US	PJM	-	AC	121-150	138	278/338	6	2012 Cranberry	Maple	1.7	OH	S	795	ACSR	1 per phas 0	1	25381	FE	I	100	Planned Reliability			
2010 US	PJM	-	AC	121-150	138	278/338	6	2012 Cranberry	Hoydale	0.3	OH	S	795	ACSR	1 per phas 0	1	25381	FE	I	100	Planned Reliability			
2010 US	PJM	-	AC	121-150	138	102/132	6	2014 Bluebell	New Berlin Lake	0	OH	S	336/477	ACSR	1 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	102/132	6	2014 Niles	New Berlin Lake	0	OH	S	336/477	ACSR	1 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	143/174	6	2013 Allen Junction	Fayette	0	OH	W	636	AA	1 per phas 2	2	25381	FE	I	100	Existing Reliability			
2010 US	PJM	-	AC	121-150	138	143/174	6	2013 Fayette	Stryker	0	OH	W	636	AA	1 per phas 1	1	25381	FE	I	100	Existing Reliability			
2010 US	PJM	-	AC	300-399	345	1370/1646	6	2014 Allen Junction	Fulton	0	OH	W	954	ACSR	2 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	300-399	345	1370/1646	6	2014 Fulton	Midway	0	OH	W	954	ACSR	2 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	300-399	345	1370/1646	6	2014 Fulton	North Star Steel	0	OH	W	954	ACSR	2 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	105/135	6	2011 Brookside	Henrietta Sub	0	OH	S	336	ACSR	1 per phas 2	2	25381	FE	I	100	Under Con Reliability			
2010 US	PJM	-	AC	121-150	138	105/135	6	2011 Beaver	Henrietta Sub	0	OH	S	795	ACSR	1 per phas 2	2	25381	FE	I	100	Under Con Reliability			
2010 US	PJM	-	AC	121-150	138	151/166	6	2018 Richland	Stryker	0	OH	W	336	ACSR	1 per phas 1	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	151/166	6	2018 Napoleon	Richland	0	OH	W	336	ACSR	1 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	151/166	6	2018 Midway	Wauson	0	OH	W	336	ACSR	1 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	278/343	6	2014 Fulton	Swanton	0	OH	W	954	AA	1 per phas 1	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	278/343	6	2014 Delta	Fulton	0	OH	W	954	AA	1 per phas 1	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	229/272	6	2011 Bayshore	BP Oil	0	OH	W	636	ACSR	1 per phas 1	1	25381	FE	I	100	Under Con Reliability			
2010 US	PJM	-	AC	121-150	138	229/272	6	2011 BP Oil	Jackman	0	OH	W	636	ACSR	1 per phas 1	1	25381	FE	I	100	Under Con Reliability			
2010 US	PJM	-	AC	121-150	138	241/292	6	2011 Bayshore	BP Oil	0	OH	W	636	ACSR	1 per phas 2	2	25381	FE	I	100	Under Con Reliability			
2010 US	PJM	-	AC	121-150	138	241/292	6	2011 Lemoyne	BP Oil	0	OH	W	636	ACSR	1 per phas 2	2	25381	FE	I	100	Under Con Reliability			
2010 US	PJM	-	AC	121-150	345	6	2011 Beaver	Greenfield	-30	OH	W	636	ACSR	1 per phas 2	2	25381	FE	I	100	Conceptua Reliability				
2010 US	PJM	-	AC	121-150	138	149/194	6	2014 Greenfield	Hayes	1	OH	W	605	ACSR	1 per phas 1	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	278/338	6	2014 Greenfield	Hayes	1	OH	W	795	ACSR	1 per phas 1	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	149/194	6	2014 Avery	Hayes	1	OH	W	605	ACSR	1 per phas 1	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	300-399	345	1542/1878	6	2014 Beaver	Hayes	30.5	OH	S	954	ACSR	2 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	300-399	345	1542/1878	6	2014 Davis Besse	Hayes	29.7	OH	S	954	ACSR	2 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	300-399	345	1559/1899	12	2012 G689	Sanmms	0	OH	S	954	ACSR	2 per phas 1	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	300-399	345	1559/1899	12	2012 G689	Highland	0	OH	S	954	ACSR	2 per phas 1	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	278/338	6	2016 Broadview	Clark	5	OH	S/W	795	ACSR	1 per phas 1/2	1/2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	278/338	6	2016 Broadview	Urbana	5	OH	S/W	795	ACSR	1 per phas 1/2	1/2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	160/192	6	2016 Broadview	East Springfield	3.5	OH	W	336/605	ACSR	1 per phas 1	1/2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	160/192	6	2016 Broadview	Tangy	3.5	OH	W	336/605	ACSR	1 per phas 1	1/2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	273/332	6	2013 Niles	Salt Springs	3.18	OH	S	795	ACSR	1 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	273/332	6	2013 Salt Springs	V&M Star Steel	2.21	OH	S	795	ACSR	1 per phas 2	2	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	121-150	138	143/143	6	2011 Harper Switching	Pleasant Valley	0	OH	S	200	CU	1 per phas 2	2	25381	FE	I	100	Planned Reliability			
2010 US	PJM	-	AC	121-150	138	143/143	6	2011 Harper Switching	West Akron	0	OH	S	200	CU	1 per phas 2	2	25381	FE	I	100	Planned Reliability			
2010 US	PJM	-	AC	121-150	138	233/282	6	2018 Tap point on Carl Shawville		6.5	OH	S	605	ACSR	1 per phas 1	1	25381	FE	I	100	Conceptua Reliability			
2010 US	PJM	-	AC	200-299	230	1207	6	2011 Island Road	Penrose	0.1	OH	S	1590	ACSR	2	1	14940	PECO	I	100	Under Con Reliability	Economics or Congestion		
2010 US	PJM	-	AC	200-299	230	1207	6	2011 Penrose	Grays Ferry	0.1	OH	S	1590	ACSR	2	1	14940	PECO	I	100	Under Con Reliability	Economics or Congestion		
2010 US	PJM	-	AC	200-299	230	166	6	2013 Bradford/Clay	Tai Clay	6.95	OH	S	795	ACSR	1	1/2	14940	PECO	I	100	Planned Reliability	Economics or Congestion		
2010 US	PJM	-	AC	200-299	230	166	6	2013 Colora/Clay	Tap Clay	0	OH	S	795	ACSR	1	1/2	14940	PECO	I	100	Planned Reliability	Economics or Congestion		
2010 US	PJM	-	AC	200-299	230	1088	4	2011 Grays Ferry	Peltz	0.06	OH	S	1590	ACSR	2	1	1	14940	PECO	I	100	s0164	Under Con Reliability	Economics or Congestion
2010 US	PJM	-	AC	200-299	230	1207	4	2011 Grays Ferry/Penr	Peltz	0.1	OH	S	1590	ACSR	2	1	1	14940	PECO	I	100	Under Con Reliability	Economics or Congestion	
2010 US	PJM	-	AC	400-599	500	2338	6	2011 Whippan	Center Point	0	OH	S	2493	ACAR	2	1	1	14940	PECO	I	100	b0269	Under Con Reliability	Economics or Congestion
2010 US	PJM	-	AC	400-599	500	2338	6	2011 Center Point	Center Point	0	OH	S	2493	ACAR	2	1	1	14940	PECO	I	100	b0269	Under Con Reliability	Economics or Congestion
2010 US	PJM	-	AC	200-299	230	1245	6	2011 Upper Providence	Center Point	-0.05	OH	S	1590	ACSR	2	1	1	14940	PECO	I	100	b0269	Under Con Reliability	Economics or Congestion
2010 US	PJM	-	AC	200-299	230	1245	6	2011 Center Point	North Wales	-0.05	OH	S	1590	ACSR	2	1	1	14940	PECO	I	100	b0269	Under Con Reliability	Economics or Congestion
2010 US	PJM	-	AC	400-599	500	6	2013 Keystone	Jacks Mountain	0.1	OH							14711	PENELEC	I	100	b0284.1	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	AC	400-599	500	6	2013 Jacks Mountain	Juniata	0.1	OH							14711	PENELEC	I	100	b0284.1	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	AC	400-599	500	6	2013 Conemaugh	Jacks Mountain	0.1	OH							14711	PENELEC	I	100	b0284.1	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	AC	100-120	115	4	2013 Somerset	O19	0.1	OH							14711	PENELEC	I	100	n0513	Conceptua Reliability		
2010 US	PJM	-	AC	400-599	500	6	2015 Possum Point	Burches Hill	32.25	OH		1590	ACSR	Triple			15270	PEPCO	I	100	b512.2	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	AC	400-599	500	6	2015 Burches Hill	Chalk Point	19.43	OH		1590	ACSR	Triple			15270	PEPCO	I	100	b512.30	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	AC	400-599	500	6	2015 Chalk Point	Chestnut	10.55	OH		1590	ACSR	Triple			15270	PEPCO	I	100	b512	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	DC	600+	640 DC	6	2015 Chestnut	Gateway	42.7	UG							15270	PEPCO	I	100	b512	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	DC	600+	640 DC	6	2015 Chestnut	Mission	42.7	UG							15270	PEPCO	I	100	b512	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2012 Richie	Benning	2	OH							15270	PEPCO	I	100	b0526	Planned Reliability	Economics or Congestion	
2010 US	PJM	-	AC	100-120	115	9999	5	2012 Ballston	Radnor Heights	4	UG		9999	Copper	Single	1	1	19876	Vrigna Elect I	I	100	b1088	Planned Reliability	Economics or Congestion
2010 US	PJM	-	AC	200-299	230	800																		

2010 US	PJM	-	AC	400-599	500	4	2015 Susquehanna	Roseland	148 OH					15477	PSEG	I	100 b0487	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	514	2011 Hudson	South Waterfront	3.6 UG					15477	PSEG	I	100 b0813	Under Con	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	121-150	138	6	2011 Essex	Keamy	2 OH					15477	PSEG	I	100 b0814	Under Con	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2013 Bayonne	Marion	4.5 UG					15477	PSEG	I	100 b1150	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2014 West Orange	Roseland	4.5 OH					15477	PSEG	I	100 b1154	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2014 West Orange	Roseland	4.5 OH					15477	PSEG	I	100 b1154	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2014 Roseland	Sewaren	29.8 OH					15477	PSEG	I	100 b1154	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2014 Camden	Burlington	13.7 UG					15477	PSEG	I	100 b1156	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2014 Camden	Cuthbert Blvd.	2.86 UG					15477	PSEG	I	100 b1156	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Gloucester	Cuthbert Blvd.	4.52 UG					15477	PSEG	I	100 b1156	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Gloucester	Camden	7.2 UG					15477	PSEG	I	100 b1156	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Athenia	Bergen	10.4 UG					15477	PSEG	I	100 b1304.3	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	400-599	500	3005	2012 Montville	Jefferson	15.1 OH					15477	PSEG	I	100	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	400-599	500	3005	2012 Jefferson	Bushkill	22.3 OH					15477	PSEG	I	100	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Roseland	Keamy	22 OH					15477	PSEG	I	100 b1304.1	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2013 Buckingham	Pleasant	OH					15477	PSEG	I	100 b0358	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2012 Athenia	Saddebrook	4.82 UG					15477	PSEG	I	100 b0427	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2011 Kitanity	Newton	17.49 OH					15477	PSEG	I	100 b0429	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2012 Somersville	Flagtown	3.99 OH					15477	PSEG	I	100 b0665	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2012 Somersville	Bridgewater	3 OH					15477	PSEG	I	100 b0668	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	345	6	2011 South Mahwah	Waldwick J	5.47 UG					15477	PSEG	I	100 b1017	Under Con	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	345	12	2011 South Mahwah	Waldwick K	5.5 UG					15477	PSEG	I	100 b1018	Under Con	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2011 Branchburg	Middelex	13.18 OH					15477	PSEG	I	100 b1955	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Burlington	Croydon	0.25 OH					15477	PSEG	I	100 b1197.1	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Roseland	Keamy D-G	43.86 OH					15477	PSEG	I	100 b1304.1	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Hudson	S. waterfront	3.5 UG					15477	PSEG	I	100 b1304.4	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Mickelton	Gloucester	9.61 OH					15477	PSEG	I	100 b1398.4	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2015 Camden	Richmond	1.75 OH					15477	PSEG	I	100 b1398.7	Planned	Reliability	Economics or Congestion	
2010 US	PJM	-	AC	200-299	230	6	2014 W. Orange	Aikens	12.23 UG					15477	PSEG	I	100 b1359	Planned	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	227	2014 Aiken Hampton	Aiken #3	2 OH	P	W	1272	ACSR	1	1	1	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	237	2015 Aiken Hampton	Aiken Transmissi	4 OH	P	W	1272	ACSR	1	1	1	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	510	2017 AM Williams	Cainhoy	9 OH	P	S	1272	ACSR	1	2	2	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	239	2012 Arcadia	Garden City	15 OH					1272	ACSR	1	1	17543	South Caroli	S	100 Arcadia-Ge Under Con Reliability
2010 US	SERC	E	AC	200-299	200-299	1195	2011 Asheboro	Pleasant Garden	22 OH	P	S	1590	ACSR	2	1	1	3046	Progress Enel	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	320	2012 Asheville	Enka	10 OH	H	S	1590	ACSR	1	1	1	3046	Progress Enel	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	474	2010 Belvedere	Stevens Creek	8 OH	P	S	1272	ACSR	1	2	2	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	102	2013 Blowing Rock Sul	New Blowing Roc	1 UG	U		500	CU	1	0	0	1889	Blue Ridge E C	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	956	2018 Bucksville	Conway	7 OH			1272	ACSR	2	1	1	17543	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	797	2017 Bucksville	Garden City	15 OH	P	W	1272	ACSR	1	1	1	17543	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	950	2018 Canadys	St. George	8 OH	P	S	1272	ACSR	2	1	1	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	237	2012 Charlotte Street	Haggood	5 OH	P	S	1272	ACSR	1	2	2	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	237	2012 Charlotte Street	Street	6 OH	P	S	1272	ACSR	1	2	2	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	615	2011 Clinton	Lee	26 OH	P	S	1590	ACSR	1	1	1	3046	Progress Enel	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	956	2018 Cross	Wassamassaw	18 OH			1272	ACSR	2	1	1	17543	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	950	2011 Denny Terrace	Pineland	8 OH	P	S	1272	ACSR	2	1	1	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	308	2013 Folkstone	Castle Hayne & J	16 OH			1590	ACSR	1	1	1	3046	Progress Enel	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	616	2017 Greenville	Kinston DU/Port	30 OH	P	S	1590	ACSR	1	0	1	3046	Progress Enel	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	1195	2014 Harris	RTP	27 OH	P	S	1590	ACSR	2	1	1	3046	Progress Enel	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	156	2016 Hudson Sub	Oak Hill Sub	4 OH	P	S	795	ACSR	1	1	1	1889	Blue Ridge E C	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	472	2015 Killian	Blythewood	7 OH	P	S	1272	ACSR	2	1	2	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	200-299	377	2014 Lyles	Denny Terrace	3 OH	P	S	1272	ACSR	1	2	2	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	950	2014 Lyles	Denny Terrace	3 OH	P	S	1272	ACSR	2	1	1	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	950	2014 Lyles	Denny Terrace	3 OH	P	S	1272	ACSR	2	2	2	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	237	2014 Mt Pleasant	Bayview	4 OH	P	W	1272	ACSR	1	1	1	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	956	2018 Orangeburg	St. George	26 OH			1272	ACSR	2	1	1	17543	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	237	2011 Peppercorn	Robert Bosch	4 OH	H	W	1272	ACSR	1	1	1	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	950	2013 Peppercorn	Summerville	7 OH	P	S	1272	ACSR	2	1	1	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	1175	2011 Pleasant Garden	Asheboro (Progr)	20 OH			1590	ACSR	2	1	1	5416	Duke Energy I	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	956	2016 Pomaria	Sandy Run	55 OH			1272	ACSR	2	1	1	17543	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	956	2014 Pomaria	V C Summer	8 OH			1272	ACSR	1	1	1	17543	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	239	2019 Red Bluff	Nixons Crossroad	14 OH			1272	ACSR	1	1	1	17543	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	956	2015 Richburg	Flat Creek	32 OH			1272	ACSR	2	1	1	17543	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	1195	2011 Richmond	FL Bragg Woodn.	65 OH	O	S	1590	ACSR	2	1	1	3046	Progress Enel	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	1195	2011 Rockingham	West End	38 OH	H	S	1590	ACSR	2	1	1	3046	Progress Enel	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	100-120	100-120	474	2019 Saluda Hydro	Ga Pac	21 OH	P	S	1272	ACSR	1	2	2	17539	South Caroli	Reliability	Economics or Congestion	
2010 US	SERC	E	AC	200-299	200-299	956	2017 Sandy Run	Orangeburg	34 OH			1272	ACSR	2</							

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2010 US	SERC	E	AC	100-120	100-120	237	5	2015 Faber Place	Accabee	0 OH	P	S	1272	ACSR	1	1	1	17539	South Carolin I	100 Faber PlacPlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	237	5	2015 Faber Place	Accabee	0 OH	P	S	1272	ACSR	1	1	1	17539	South Carolin I	100 Faber PlacPlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	200	12	2011 Hickory Tie	Newton Tie Tap	0 OH	H	S	1272	ACSR	1	2	2	5416	Duke Energy I	100 Hickory TiePlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	425	6	2015 Kenilworth Ret	N Charlotte	0 OH	H	S	477	ACSR	1	2	2	5416	Duke Energy I	100 Kenilworth Conceptua	Reliability
2010 US	SERC	E	AC	100-120	100-120	236	4	2015 Lake Murray	McMeekin	0 OH	P	S	1272	ACSR	1	1	1	17539	South Carolin I	100 Lake MurrPlanned	Nuclear Integration
2010 US	SERC	E	AC	100-120	100-120	236	4	2015 Lake Murray	Saluda Hydro	0 OH	P	S	1272	ACSR	1	1	1	17539	South Carolin I	100 Lake MurrPlanned	Nuclear Integration
2010 US	SERC	E	AC	100-120	100-120	375	6	2014 Lakewood Tie	Bancroft Ret Tap	0 OH	H	S	954	ACSR	2	2	2	5416	Duke Energy I	100 Lakewood ConceptuaReliability	
2010 US	SERC	E	AC	100-120	100-120	175	6	2014 Lancaster Mn	Monroe Mn	0 OH	H	S	954	ACSR	1	2	2	5416	Duke Energy I	100 Lancaster I ConceptuaReliability	
2010 US	SERC	E	AC	100-120	100-120	225	6	2013 Lawsons Fork Tie	Pinewood Ret Ta	0 OH	H	S	477	ACSR	2	2	2	5416	Duke Energy I	100 Lawsons F ConceptuaReliability	
2010 US	SERC	E	AC	100-120	100-120	237	6	2015 Lyles	Williams Street	0 OH	P	S	1272	ACSR	1	1	1	17539	South Carolin I	100 Lyles WilliPlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	325	6	2012 Mebane Tie	Burlington Tap	0 OH	H	S	795	ACSR	2	2	2	5416	Duke Energy I	100 Mebane T Under Con Fossil-Fired Integration	
2010 US	SERC	E	AC	100-120	100-120	375	6	2018 Oakvale Tie	Shady Grove Tie	0 OH	H	S	954	ACSR	2	2	2	5416	Duke Energy I	100 Oakvale T Under Con Fossil-Fired Integration	
2010 US	SERC	E	AC	200-299	200-299	750	6	2020 Riverview Sw Sta	Peach Valley Tie	0 OH	H	S	795	ACSR	2	2	2	5416	Duke Energy I	100 Riverview I ConceptuaReliability	
2010 US	SERC	E	AC	100-120	100-120	375	12	2011 Sadler Tie	Glen Raven Mn	0 OH	H	S	954	ACSR	2	2	2	5416	Duke Energy I	100 Sadler Tie-Under Con Fossil-Fired Integration	
2010 US	SERC	E	AC	200-299	200-299	850	6	2013 Shiloh Sw Sta	Pisgah Tie	0 OH	H	S	1158	ACSR	1	2	2	5416	Duke Energy I	100 Shiloh Sw Under ConReliability	
2010 US	SERC	E	AC	200-299	200-299	352	12	2014 Stamey Tie	EU # 18 Tap	0 OH	H	S	954	ACSR	2	2	2	5416	Duke Energy I	100 Stamey Tie ConceptuaReliability	
2010 US	SERC	E	AC	100-120	100-120	225	6	2014 Winceoff Tie	Westfork Sw Sta	0 OH	H	S	477	ACSR	2	2	2	5416	Duke Energy I	100 Winceoff T ConceptuaReliability	
2010 US	SERC	E	AC	100-120	100-120	103	5	2014 Alken Hampton	Alken #3	-2 OH	P	W	336	AL	1	1	1	17539	South Carolin I	100 Alken HamPlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	103	5	2015 Aiken Hampton	Aiken Transmissi	-4 OH	P	W	336	AL	1	1	1	17539	South Carolin I	100 Aiken HamPlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	130	12	2012 Belvedere	Stevens Creek	-8 OH	H	W	477	ACSR	1	1	1	17539	South Carolin I	100 Belvedere-Planned	Reliability
2010 US	SERC	E	AC	200-299	200-299	352	12	2018 Canadys	St. George	-8 OH	H	W	795	ACSR	1	1	1	17539	South Carolin I	100 Canadys-SPlanned	Nuclear Integration
2010 US	SERC	E	AC	100-120	100-120	176	5	2012 Charlotte Street	Accabee	-6 OH	P	W	795	ACSR	1	1	1	17539	South Carolin I	100 Charlotte SPlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	197	5	2014 Lyles	Denny Terrace	-3 OH	T	S	795	ACSR	1	2	2	17539	South Carolin I	100 Lyles-DenrPlanned	Nuclear Integration
2010 US	SERC	E	AC	200-299	200-299	510	5	2018 Lyles	Denny Terrace	-3 OH	T	S	1272	ACSR	1	2	2	17539	South Carolin I	100 Lyles-DenrPlanned	Nuclear Integration
2010 US	SERC	E	AC	100-120	100-120	176	5	2014 Mt Pleasant	Bayview	-4 OH	P	W	795	ACSR	1	1	1	17539	South Carolin I	100 Mt PleasantPlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	176	5	2011 Robert Bosch Tap	Robert Bosch	-3 OH	T	W	795	ACSR	1	1	1	17539	South Carolin I	100 Robert BosPlanned	Reliability
2010 US	SERC	E	AC	100-120	100-120	89	12	2018 Saluda Hydro	Ga Pac	-21 OH	T	S	266	ACSR	1	2	2	17539	South Carolin I	100 Saluda HyrPlanned	Nuclear Integration
2010 US	SERC	E	AC	100-120	100-120	104	5	2015 St Andrews	Queensboro	-4 OH	P	W	336	ACSR	1	1	1	17539	South Carolin I	100 St AndrewPlanned	Reliability
2010 US	SERC	E	AC	200-299	200-299	352	12	2018 St. George	Summerville	-2 OH	H	W	795	ACSR	1	1	1	17539	South Carolin I	100 St. GeorgePlanned	Nuclear Integration
2010 US	SERC	E	AC	100-120	100-120	104	5	2016 Urquhart	Grantville	-18 OH	H	W	336	ACSR	1	1	1	17539	South Carolin I	100 Urquhart-CPlanned	Reliability
2010 US	SERC	E	AC	200-299	200-299	475	3	2013 VC Summer	Parr	-2 OH	H	W	1272	ACSR	1	1	1	17539	South Carolin I	100 VC Summ Under Con Nuclear Integration	
2010 US	SERC	E	AC	200-299	200-299	475	3	2013 VC Summer	Parr	-2 OH	H	W	1272	ACSR	1	1	1	17539	South Carolin I	100 VC Summ Under Con Nuclear Integration	
2010 US	SERC	E	AC	100-120	100-120	133	5	2014 Yemassee	Burton	-22 OH	P	W	477	ACSR	1	1	1	17539	South Carolin I	100 Yemassee Planned	Reliability
2010 US	SERC	N	AC	151-199	151-199	532	6	2015 Airport	Murfreesboro Ro	0 OH	P	S	795	OT	1	1	1	18642	Tennessee V F	100 Airport-MuPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	532.3	6	2015 Airport	South	0 OH	P	S	795	OT	1	1	1	18642	Tennessee V F	100 Airport-SoPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2011 Apache Flats	Scruggs	2 OH	H	W	795	ACSR	1	2	2	924	Associated E C	100 Apache FltPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	532	6	2014 Battlefield	Craighead	1 OH	P	S	795	OT	1	1	1	18642	Tennessee V F	100 Battlefield- Planned	Reliability
2010 US	SERC	N	AC	151-199	151-199	532	6	2014 Battlefield	Sharondale	3 OH	P	S	795	OT	1	1	1	18642	Tennessee V F	100 Battlefield- Planned	Reliability
2010 US	SERC	N	AC	100-120	151-199	122	6	2013 Bear Creek	Rockaway	5 OH	H	W	795	ACSR	1	2	2	924	Associated E C	100 Bear CreePlanned	Reliability
2010 US	SERC	N	AC	300-399	300-399	870	6	2012 Blackberry	Morgan	52 OH	H	W	795	ACSR	2	1	1	924	Associated E C	100 Blackberry-Under Con Reliability	
2010 US	SERC	N	AC	300-399	300-399	870	6	2012 Blackberry	Neesho	8 OH	H	W	795	ACSR	2	1	1	924	Associated E C	100 Blackberry-Under Con Reliability	
2010 US	SERC	N	AC	300-399	300-399	1369	6	2012 Blackberry	Sportsman Acres	93 OH	H	W	954	ACSR	2	1	1	924	Associated E C	100 BlackberryPlanned	Reliability
2010 US	SERC	N	AC	100-120	151-199	122	6	2013 Branson	Table Rock	8 OH	H	W	795	ACSR	1	2	2	924	Associated E C	100 Branson-TPlanned	Reliability
2010 US	SERC	N	AC	121-150	121-150	245	6	2013 Bristow	Gypsy	11 OH	P	S	795	ACSR	1	2	2	924	Associated E C	100 Bristow-GyPlanned	Reliability
2010 US	SERC	N	AC	121-150	121-150	174	6	2013 Bristow	Okemah	21 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Bristow-OkPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2012 Cabool	Mountain Grove	10 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Cabool-MoPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2012 Cabool	Willow Springs	14 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Cabool-WiPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2011 Camp Clark	Lanes	21 OH	H	W	795	ACSR	2	2	2	924	Associated E C	100 Camp Cla Under Con Reliability	
2010 US	SERC	N	AC	151-199	151-199	204	12	2012 Cedar Crest	Locust Grove	7 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Cedar CrestPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	204	12	2012 Cedar Crest	Lowery	12 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Cedar CrestPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2012 Cedar Crest	Lowery	12 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Cedar CrestPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2012 Cedar Crest	Peggy	4 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Cedar CrestPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	204	12	2012 Cedar Crest	Talequah	16 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Cedar CrestPlanned	Reliability
2010 US	SERC	N	AC	400-599	400-599	2598	12	2015 Choctaw	French Creek	0 OH	T	S	954	OT	1	1	1	18642	Tennessee V F	100 Choctaw FPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	446	6	2012 Clay	Aberdeen	11 OH	H	W	954	OT	1	1	1	18642	Tennessee V F	100 Clay-AberCPlanned	Reliability
2010 US	SERC	N	AC	400-599	400-599	2598	6	2012 Davidson	Pin Hook	0 OH	T	S	954	ACSR	3	1	1	18642	Tennessee V F	100 Davidson-FPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2015 Dresden	Georgetown	3 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Dresden-GPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2014 Dudley	Essex	15 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Dudley-EstPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2012 Dudley	St Francis	14 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Dudley-StIPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	372	6	2012 Enon	Lake St. Louis	0 OH	H	W	1192	ACSR	1	1	1	924	Associated E C	100 Enon-LakePlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	319	4	2012 Fredericktown	Wedken Tap Se	2 OH	H	W	954	ACSR	1	1	1	924	Associated E C	100 Frederickt Under Con Reliability	
2010 US	SERC	N	AC	151-199	151-199	319	4	2012 Fredricktown	Fredricktown (UE	2 OH	H	W	954	ACSR	1	1	1	924	Associated E C	100 Fredrickto Under Con Reliability	
2010 US	SERC	N	AC	151-199	151-199	410	6	2012 Gallatin	Angeltown	19 OH	H	W	1590	ACSR	1	1	1	18642	Tennessee V F	100 Gallatin-AnPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	346	5	2012 Grahamville	Joppa DOE C33	2 OH	P	S	954	ACSR	1	1	2	10171	LG&E and K I I	100 Grahamvill Planned	Reliability
2010 US	SERC	N	AC	151-199	151-199	899	11	2017 Grahamville	Wickliffe	20 OH	T	S	556	ACSR	1	2	2	10171	LG&E and K I I	100 Grahamvill ConceptuaReliability	
2010 US	SERC	N	AC	100-120	151-199	122	6	2013 Gretna	Simmons Mounta	2 OH	H	W	795	ACSR	1	2	2	924	Associated E C	100 Gretna-SinPlanned	Reliability
2010 US	SERC	N	AC	121-150	121-150	245	6	2013 Gypsy	Stroud City	16 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Gypsy-StrcPlanned	Reliability
2010 US	SERC	N	AC	121-150	121-150	296	5	2014 Hardin County	Elizabethtown	1 OH	T	S	954	ACSR	2	2	2	10171	LG&E and K I I	100 Hardin Co.Planned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2017 Hooker	Dixon	7 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Hooker-DcPlanned	Reliability
2010 US	SERC	N	AC	151-1																	

PlannedCircuitMiles

2010 US	SERC	N	AC	151-199	151-199	286	6	2013 Sweetwater	Neosho	12 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 SweetwaterPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	299	6	2012 Unionville	Rally Hill	18 OH			954	ACSR	1	1	1	18642	Tennessee V F	100 UnionvillePlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	450	10	2013 Volunteer	East Knox	13 OH			954	ACSR	1	1	1	18642	Tennessee V F	100 VolunteerPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	250	12	2012 West Irvine	East P	2 OH			556	ACSR	1	1	1	10171	LG&E and KLI	100 West IrvinePlanned	Fossil-Fired Integration
2010 US	SERC	N	AC	151-199	151-199	187	12	2012 West Irvine	West Irvine Tap	3 OH	H	W	556	ACSR	1	1	1	10171	LG&E and KLI	100 West IrvinePlanned	Fossil-Fired Integration
2010 US	SERC	N	AC	400-599	400-599	2598	6	2012 West Point	Clay	0 OH	T	S	954	ACSR	3	1	1	18642	Tennessee V F	100 West Point Under Con	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2015 Wheaton	Cassville	12 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Wheaton-CPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2013 Wheaton	Reeds Spring	48 OH	H	W	795	ACSR	1	2	2	924	Associated E C	100 Wheaton-FPlanned	Reliability
2010 US	SERC	N	AC	151-199	151-199	299	6	2011 Widows Creek	Oglethorpe	0 OH	T	S	954	ACSR	1	1	1	18642	Tennessee V F	100 Widows C Under Con	Reliability
2010 US	SERC	N	AC	151-199	151-199	299	6	2011 Widows Creek	Oglethorpe	0 OH	T	S	954	ACSR	1	1	1	18642	Tennessee V F	100 Widows C Under Con	Reliability
2010 US	SERC	N	AC	151-199	151-199	203	6	2011 Willow Springs	Summersville Ea	28 OH	H	W	795	ACSR	1	1	1	924	Associated E C	100 Willow Spr Planned	Reliability
2010 US	SERC	N	AC	400-599	400-599	2598	9	2012 Wilson	Pin Hook	0 OH	T	S	954	ACSR	3	1	1	18642	Tennessee V F	100 Wilson-Pin Planned	Reliability
2010 US	SERC	N	AC	151-199	151-199	292	12	2018 Wolf Creek	Clinton County	9 OH			954	ACSR	1	1	1	5580	East Kentuck C	100 Wolf Creek Conceptua	Reliability
2010 US	SERC	N	AC	151-199	151-199	286	6	2012 Zion	Scruggs	1 OH	H	W	795	ACSR	1	2	2	924	Associated E C	100 Zion-ScrupPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	341	5	2015 31st Avenue	South Tuscaloosa	0 OH	P	S	1033	OT	1	1	1	195	Alabama Pow I	100 31st AvenuPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	86	6	2011 Alford Jct	Alford	5 OH			287	UN	1	1	1	189	PowerSouth IC	100 Alford Jct-/Conceptua	Other
2010 US	SERC	SE	AC	100-120	100-120	251	6	2015 American Cyanar	Avalon	4 OH	P	C	1033	ACSR	1	1	1	7801	Gulf Power Cl	100 American Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	155	6	2020 Americus	North Americus	0 OH	H	W	477	ACSR	1	1	1	7140	Georgia Pow I	100 AmericusPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2014 Anniston Tap	Cheaha Tap	0 OH	P	B	795	ACSR	1	1	1	195	Alabama Pow I	100 Anniston T Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2014 Anniston	Oxanna	0 OH	P	B	795	ACSR	1	1	1	195	Alabama Pow I	100 Anniston-CPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	86	6	2012 APAC Jct	APAC	1 OH			287	UN	1	1	1	189	PowerSouth IC	100 APAC Jct-/Conceptua	Other
2010 US	SERC	SE	AC	200-299	200-299	509	6	2016 Arnold Mill	Hopewell	12 OH	H	S	1033	ACSR	1	1	1	7140	Georgia Pow I	100 Arnold MillPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	188	6	2013 Atkinson	Northside Drive	0 OH	P	S	636	ACSR	1	1	1	7140	Georgia Pow I	100 Atkinson-Planned	Fossil-Fired Integration
2010 US	SERC	SE	AC	100-120	100-120	216	5	2014 Austin Drive	River Road	0 OH	P	S	795	ACSR	1	1	1	7140	Georgia Pow I	100 Austin Drv Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	1614	5	2013 Autaugaville 6	Autaugaville 8	1 OH			1351	OT	2	1	1	195	Alabama Pow I	100 AutaugavillPlanned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	1614	5	2013 Autaugaville 6	Autaugaville 8	1 OH			1351	OT	2	1	1	195	Alabama Pow I	100 AutaugavillPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2020 Bark Camp	Gainesville #1	0 OH	P	S	795	ACSR	1	1	1	7140	Georgia Pow I	100 Bark CampPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	269	5	2011 Barnesville	Piedmont Green	0 OH	H	W	636	OT	1	1	1	7140	Georgia Pow I	100 Barnesville Under Con	Variable/Renewable Integration
2010 US	SERC	SE	AC	100-120	100-120	238	6	2018 Barneyville	Pine Grove	0 OH	P	S	795	ACSR	1	1	1	7140	Georgia Pow I	100 BarneyvillePlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2012 Barnwell Tap	Barnwell	0 OH	P	B	795	ACSR	1	1	1	195	Alabama Pow I	100 Barnwell T Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2018 Barnwell Tap	Turkey Hill	3 OH	H	W	795	ACSR	1	1	1	195	Alabama Pow I	100 Barnwell T Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	1243	6	2016 Barry	Chickasaw	0 OH	T	O	1033	OT	2	1	1	195	Alabama Pow I	100 Barry-Chic Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	693	6	2015 Barry	Crist	0 OH	T	O	1351	ACSR	1	1	1	7801	Gulf Power Cl	100 Barry-Crist Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	301	5	2016 Barry	North Mobile	0 OH	H	B	1351	ACSR	1	1	1	195	Alabama Pow I	100 Barry-North Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	403	6	2019 Bay Creek	Lawrenceville #4	0 OH	P	W	1351	AL	1	1	1	13100	Municipal EleM	100 Bay CreekPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	124	6	2018 Bayou Marcus	Beach Haven	0 OH	H	W	336	ACSR	1	1	1	7801	Gulf Power Cl	100 Bayou Mar Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	154	5	2021 Belamy SS	Cuba	0 OH	P	S	398	ACSR	1	1	1	195	Alabama Pow I	100 Belamy SPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2017 Bemiss	Pine Grove Prim	0 OH	H	W	795	ACSR	1	1	1	7140	Georgia Pow I	100 Bemiss-Pir Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	682	5	2018 Berkeley Lake	Sprull Road	0 OH	P	S	1033	OT	1	1	1	7140	Georgia Pow I	100 Berkeley L Under Con	Reliability
2010 US	SERC	SE	AC	200-299	200-299	807	5	2021 Bessemer	South Bessemer	0 OH	T	B	1351	OT	1	1	1	195	Alabama Pow I	100 Bessemer-Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	602	6	2015 Bethabara	East Walton	8 OH	P	B	1351	ACSR	1	1	1	7197	Georgia Tran C	100 Bethabara-Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	290	5	2014 Big Creek T.S.	Lyndell D.S.	8 OH			795	OT	1	1	1	195	Alabama Pow I	100 Big Creek Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	138	5	2016 Big Sandy Tap	Englewood Tap	0 OH	P	S	398	ACSR	1	1	1	195	Alabama Pow I	100 Big Sandy Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	602	6	2020 Bio	Middlefork	30 OH	P	S	1351	ACSR	1	1	1	7197	Georgia Tran C	100 Bio-Middle Conceptua	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2019 Blackshear Jct.	Offerman	0 OH	H	W	795	ACSR	1	1	1	7140	Georgia Pow I	100 BlackshearPlanned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	1024	6	2014 Blanford/Meldrim	McIntosh (black)	0 OH	P	S	1622	ACCR	2	1	1	7140	Georgia Pow I	100 Blanford/M Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	1024	6	2014 Blanford/Meldrim	McIntosh (white)	0 OH	P	S	1622	ACCR	2	1	1	7140	Georgia Pow I	100 Blanford/M Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2015 Bonaire Primary	Peach Blossum	0 OH	H	W	795	ACSR	1	1	1	13100	Municipal EleM	100 Bonaire Pr Conceptua	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2015 Bonaire	Waterford	0 OH	H	W	795	ACSR	1	1	1	7140	Georgia Pow I	100 Bonaire W Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	602	6	2015 Bostwick	East Walton	4 OH	P	B	1351	ACSR	1	1	1	7197	Georgia Tran C	100 Bostwick-EPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	433	6	2015 Boulevard	Dean Forest	0 OH	P	S	795	ACSR	2	1	1	7140	Georgia Pow I	100 Boulevard-Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	866	6	2015 Boulevard	Dean Forest	0 OH	P	S	795	ACSR	2	1	1	7140	Georgia Pow I	100 Boulevard-Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	829	6	2019 Branch	West Milldegeville	0 OH	H	S	1351	ACSR	2	1	1	7197	Georgia Tran C	100 Branch-We Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	255	5	2019 Bremen	Possum Branch	0 OH	H	W	1033	ACSR	1	1	1	7140	Georgia Pow I	100 Bremen-P Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	243	6	2020 Brewton Tap	Flomont	0 OH	H	W	795	ACSR	1	1	1	195	Alabama Pow I	100 Brewton TPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	12	2011 Burnt Church	Tradeport Industr	12 OH	P	C	795	ACSR	1	1	1	7197	Georgia Tran C	100 Burnt Chur Under Con	Reliability
2010 US	SERC	SE	AC	100-120	100-120	454	5	2014 Bynum	Anniston	0 OH	B	1351	OT	1	1	1	195	Alabama Pow I	100 Bynum-AnrPlanned	Reliability	
2010 US	SERC	SE	AC	100-120	100-120	216	6	2020 Callaway	Gaskin	0 OH	P	C	795	ACSR	1	1	1	7801	Gulf Power Cl	100 Callaway-CPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	138	5	2014 Cedar Bend	North Cedar Ben	0 OH	H	B	397	ACSR	1	1	1	195	Alabama Pow I	100 Cedar Ben Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2021 Cedar Cove	Mercedes	0 OH	P	S	795	ACSR	1	1	1	195	Alabama Pow I	100 Cedar Cov Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2016 Center	Nicholson Jct.	0 OH	P	S	795	ACSR	1	1	1	7140	Georgia Pow I	100 Center-Nic Planned	Reliability
2010 US	SERC	SE																			

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2010 US	SERC	SE	AC	100-120	100-120	255	6	2017 McConnell Road	Villa Rica Primar	4	OH	P	S	1033	ACSR	1	1	1	7140	Georgia Pow I	100 McConnell Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	255	6	2019 McConnell Road	West Marietta	0	OH	H	W	1033	ACSR	1	1	1	7140	Georgia Pow I	100 McConnell Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	255	6	2016 McEver	Shoal Creek	0	OH	P	S	1033	ACSR	1	1	1	7140	Georgia Pow I	100 McEver-Sh Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2016 McIntosh	Jackson TS (New	2	OH	T	S	795	ACSR	1	1	1	195	Alabama Pow I	100 McIntosh-Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	266	6	2019 McIntosh	Yemassee	0	OH	H	C	1272	ACSR	1	1	1	7140	Georgia Pow I	100 McIntosh-V Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	301	5	2015 McManus	West Brunswick	0	OH	H	W	1351	ACSR	1	1	1	7140	Georgia Pow I	100 McManus-Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	12	2011 Meridian NE	Hawkins Crossing	0	OH	P	C	795	ACSR	1	1	1	12686	Mississippi P I	100 Meridian N Under Con Fossil-Fired Integration	
2010 US	SERC	SE	AC	100-120	100-120	155	6	2011 Meridian NE	Meridian PPL	0	OH	H	W	477	ACSR	1	1	1	12686	Mississippi P I	100 Meridian N Under Con Reliability	
2010 US	SERC	SE	AC	100-120	100-120	216	6	2014 Meridian NE	Vinnville	9	OH	P	C	795	ACSR	1	1	1	12686	Mississippi P I	100 Meridian N Under Con Fossil-Fired Integration	
2010 US	SERC	SE	AC	100-120	100-120	155	6	2011 Meridian PPL	Meridian Primary	0	OH	H	W	477	ACSR	1	1	1	12686	Mississippi P I	100 Meridian P Under Con Reliability	
2010 US	SERC	SE	AC	100-120	100-120	338	3	2015 Michael Blvd D.S	Michael Blvd Tap	0	OH	P	B	398	ACSR	1	1	1	195	Alabama Pow I	100 Michael Bl Planned	Reliability
2010 US	SERC	SE	AC	100-120	151-199	300	6	2012 Miflin Switch	Josephine TP	5	OH	P	C	1033	ACSR	1	1	1	189	PowerSouth IC	100 Miflin Switc Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2017 Milledgeville	West Milledgeville	8	OH	P	C	795	ACSR	1	1	1	7140	Georgia Pow I	100 Milledgevil Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	86	6	2012 Millers Crossroad	Millers Crossroad	1	OH	UN	UN	267	UN	1	1	1	189	PowerSouth IC	100 Millers Cro Conceptua Other	
2010 US	SERC	SE	AC	200-299	200-299	403	5	2012 Montg SS	South Montg	0	OH	T	S	1351	OT	1	1	1	195	Alabama Pow I	100 Montg SS- Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	417	5	2014 Morrow	Elenwood	0	OH	P	S	1351	OT	1	1	1	7140	Georgia Pow I	100 Morrow-El Planned	Fossil-Fired Integration
2010 US	SERC	SE	AC	100-120	100-120	255	5	2011 Morrow	Murray Lake Tap	0	OH	P	S	1033	ACSR	1	1	1	7140	Georgia Pow I	100 Morrow-M Under Con Fossil-Fired Integration	
2010 US	SERC	SE	AC	100-120	100-120	140	5	2011 Morrow	Murray Lake Tap	0	OH	P	S	1033	ACSR	1	1	1	7140	Georgia Pow I	100 Morrow-M Under Con Fossil-Fired Integration	
2010 US	SERC	SE	AC	151-199	151-199	296	6	2013 Moselle	South Hoy	23	OH	P	C	795	ACSR	1	1	1	17568	South Missis:C	100 Moselle-S Under Con Fossil-Fired Integration	
2010 US	SERC	SE	AC	100-120	100-120	255	5	2020 Mountain View	Barnett Road	0	OH	T	S	1033	ACSR	1	1	1	7140	Georgia Pow I	100 Mountain V Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	152	6	2017 Nashville #1	Nashville #2	0	OH	H	W	795	ACSR	1	1	1	7140	Georgia Pow I	100 Nashville # Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	602	5	2011 Norcross	Berkeley Lake	0	OH	H	S	1033	OT	1	1	1	7140	Georgia Pow I	100 Norcross-El Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	124	5	2020 North Americus	North Tifton	0	OH	H	W	335	ACSR	1	1	1	7140	Georgia Pow I	100 North Ame Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	290	6	2020 North Brewton TS	North Brewton D	6	OH	H	W	795	OT	1	1	1	195	Alabama Pow I	100 North Brew Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	184	5	2014 North Crichton S.	South Mobile	0	OH	H	W	398	OT	1	1	1	195	Alabama Pow I	100 North Crit Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	184	5	2014 North Crichton S.	South Mobile	0	OH	H	W	398	OT	1	1	1	195	Alabama Pow I	100 North Crit Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	301	6	2013 North Marietta	Marietta #5	0	OH	P	W	1351	ACSR	1	1	1	13100	Municipal EleM	100 North Mari Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	301	5	2011 North Marietta	Roswell	0	OH	P	S	1351	ACSR	1	1	1	7140	Georgia Pow I	100 North Mari Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	341	5	2011 North Marietta	Smyrna	0	OH	P	S	1033	OT	1	1	1	7140	Georgia Pow I	100 North Mari Planned	Fossil-Fired Integration
2010 US	SERC	SE	AC	100-120	100-120	341	5	2011 North Marietta	Smyrna	0	OH	P	S	1033	OT	1	1	1	7140	Georgia Pow I	100 North Mari Planned	Fossil-Fired Integration
2010 US	SERC	SE	AC	100-120	100-120	290	2	2015 North Mobile	Crichton #1	0	OH	H	W	795	OT	1	1	1	195	Alabama Pow I	100 North Mobi Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	290	5	2021 North Mobile	North Crichton S.	0	OH	P	B	795	ACSR	1	1	1	195	Alabama Pow I	100 North Mobi Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	290	4	2014 North Mobile	Racetrack D.S.	2	OH	UN	UN	795	OT	1	1	1	195	Alabama Pow I	100 North Mobi Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2014 North Selma	Inter Paper Tap	7	OH	P	S	795	ACSR	1	2	2	195	Alabama Pow I	100 North Selm Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	290	5	2011 North Theodore	Kroner (Dawes T)	0	OH	H	W	795	OT	1	1	1	195	Alabama Pow I	100 North The Under Con Reliability	
2010 US	SERC	SE	AC	200-299	200-299	704	5	2019 North Tifton	Pine Grove	0	OH	H	S	1033.5	ACSR	1	1	1	7140	Georgia Pow I	100 North Tifto Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	299	5	2019 North Tifton	Tifton Jct.	0	OH	T	S	795	AL	1	1	1	13100	Municipal EleM	100 North Tifto Conceptua Reliability	
2010 US	SERC	SE	AC	100-120	100-120	301	6	2013 Northside Drive	Northwest	0	OH	T	S	1351	ACSR	1	1	1	7140	Georgia Pow I	100 Northside I Planned	Fossil-Fired Integration
2010 US	SERC	SE	AC	100-120	100-120	269	5	2013 Northside Drive	Spring Street	0	OH	P	S	1033	OT	1	1	1	7140	Georgia Pow I	100 Northside I Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	218	6	2013 Oak Grove	Jay	24	OH	P	C	795	ACSR	1	1	1	189	PowerSouth IC	100 Oak Grove Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	255	6	2013 O'Hara	Coitnith Road	0	OH	P	S	1033	ACSR	1	1	1	7140	Georgia Pow I	100 O'Hara-Co Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	602	6	2018 O'Hara	McDonough Prim	20	OH	P	S	1351	ACSR	1	2	2	7140	Georgia Pow I	100 O'Hara-Mc Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	86	6	2011 Old Montgomery	Old Montgomery	1	OH	H	C	267	ACSR	1	1	1	189	PowerSouth IC	100 Old Montg Planned	Other
2010 US	SERC	SE	AC	100-120	100-120	138	3	2012 Old Pascagoula	Old Pascagoula f	2	OH	UN	UN	398	ACSR	1	1	1	195	Alabama Pow I	100 Old Pasca Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	138	5	2021 Opelika #1	Opelika #3	0	OH	P	B	397	ACSR	1	1	1	195	Alabama Pow I	100 Opelika #1 Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	251	6	2020 Orange Grove	Bayou Casotte	0	OH	P	C	1033	ACSR	1	1	1	12686	Mississippi P I	100 Orange Gr Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	251	6	2020 Orange Grove	Chevron PRCP	5	OH	P	C	1033	ACSR	1	1	1	12686	Mississippi P I	100 Orange Gr Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	752	6	2020 Orange Grove	Moss Point East	0	OH	T	S	1033	OT	1	1	1	12686	Mississippi P I	100 Orange Gr Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	86	6	2012 Owls Head Jct	Owls Head	2	OH	P	S	267	UN	1	1	1	189	PowerSouth IC	100 Owls Head Conceptua Other	
2010 US	SERC	SE	AC	100-120	100-120	216	5	2014 Oxanna	Crooked Creek	1	OH	P	B	795	ACSR	1	2	2	195	Alabama Pow I	100 Oxanna-Cr Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	602	5	2018 Parkaire	Roswell	5	OH	P	S	1351	ACSR	2	1	2	7140	Georgia Pow I	100 Parkaire-R Planned	Reliability
2010 US	SERC	SE	AC	100-120	200-299	301	5	2018 Parkaire	Roswell	5	OH	P	S	1351	ACSR	2	1	2	7140	Georgia Pow I	100 Parkaire-R Planned	Reliability
2010 US	SERC	SE	AC	100-120	200-299	336	5	2013 Pinckard TS	Slocumb TS	0	OH	P	S	1033	OT	1	1	1	195	Alabama Pow I	100 Pinckard T Planned	Reliability
2010 US	SERC	SE	AC	100-120	200-299	336	6	2013 Pinckard	Holmes Creek	0	OH	P	S	1033	OT	1	1	1	7801	Gulf Power C I	100 Pinckard-T Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	251	6	2014 Pine Forest	Champion	0	OH	P	C	1033	ACSR	1	1	1	7801	Gulf Power C I	100 Pine Forest Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2013 Pinedale	ECI Halstead	0	OH	H	B	795	ACSR	1	1	1	195	Alabama Pow I	100 Pinedale-E Conceptua Reliability	
2010 US	SERC	SE	AC	200-299	200-299	865	12	2011 Plant Daniel	Moss Point East	0	OH	P	S	795	ACSR	2	1	1	12686	Mississippi P I	100 Plant Danis Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	138	6	2011 Plant Eaton	Hattiesburg Co. C	0	OH	P	C	397	ACSR	1	1	1	12686	Mississippi P I	100 Plant Eaton Planned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	1205	6	2011 Plant McDonoug	Plant McDonoug	1	OH	P	S	1351	ACSR	2	2	2	7140	Georgia Pow I	100 Plant McD Under Con Fossil-Fired Integration	
2010 US	SERC	SE	AC	200-299	200-299	1205	6	2011 Plant McDonoug	Plant McDonoug	1	OH	P	S	1351	ACSR	2	2	2	7140	Georgia Pow I	100 Plant McD Under Con Fossil-Fired Integration	
2010 US	SERC	SE	AC	100-120	100-120	138	5	2014 Porterdale	S. Covington Tap	0	OH	H	W	397	ACSR	1	1	1	7140	Georgia Pow I	100 Porterdale-Under Con Reliability	
2010 US	SERC	SE	AC	151-199	151-199	296	6	2012 Prentiss	Jeff Davis SS	7	OH	P	C	795	ACSR	1	1	1	17568	South Missis:C	100 Prentiss-Je Under Con Reliability	
2010 US	SERC	SE	AC	100-120	100-120	151	8	2011 Pt Washington JcPt	Washington	1	OH	P	C	477	ACSR	1	1	1	189	PowerSouth IC	100 Pt Washing Planned	Other
2010 US	SERC	SE	AC	200-299	200-299	704	5	2019 Raccoon Creek	Cotton	0	OH	UN	UN	1033	AL	1	1	1	13100	Municipal EleM	100 Raccoon C Conceptua Reliability	
2010 US	SERC	SE	AC	100-120	100-120	290	12	2014 Racetrack D.S.	Lott Road	4	OH	UN	UN	795	OT	1	1	1	195	Alabama Pow I	100 Racetrack Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	290	12	2014 Schillinger Road	Lott Road Tap	2	OH	UN	UN	795	OT	1	1	1	195	Alabama Pow I	100 Schillinger Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2016 SE Toyota	Commerce 4	0	OH	P	S	795	ACSR	1	1	1	7140	Georgia Pow I	100 SE Toyota Planned	Reliability
2010 US	SERC	SE	AC	100-120																		

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2010 US	SERC	SE	AC	200-299	200-299	1018	6	2019 Vogtle	Wilson	0 OH	H	S	1033	ACSR	2	1	1	7140	Georgia Pow I	100 Vogtle-WkPlanned	Reliability
2010 US	SERC	SE	AC	200-299	200-299	718	6	2019 Wadley	Waynesboro	0 OH	H	S	795	ACSR	2	1	1	7140	Georgia Pow I	100 Wadley-WkPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	86	6	2012 Wayne Farms	JctWayne Farms	4 OH			267	UN				189	PowerSouth IC	100 Wayne Far Conceptua	Other
2010 US	SERC	SE	AC	200-299	200-299	866	6	2020 Waynesboro	Waynesboro	0 OH	H	S	7295	ACSR	2	1	1	7140	Georgia Pow I	100 Waynesboro Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	6	2013 Wiggins SS	Wiggins 5th Ave	0 OH	P	C	795	ACSR	1	1	1	12686	Mississippi P/I	100 Wiggins S/Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	290	6	2020 Winder	Johns Marville	0 OH	P	S	795	ACSR	1	1	1	7140	Georgia Pow I	100 Winder-JolPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2021 Wire Road	Wire Road Tap	4 OH			795	ACSR	1	1	1	195	Alabama Pow I	100 Wire Road Planned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	216	5	2015 Wolf Ridge D.S.	Springhill D.S.	0 OH			795	ACSR	1	1	1	195	Alabama Pow I	100 Wolf RidgePlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	251	6	2021 Wright	Fort Walton	0 OH	P	C	1033	ACSR	1	1	1	7801	Gulf Power C/I	100 Wright-FortPlanned	Reliability
2010 US	SERC	SE	AC	100-120	100-120	251	6	2011 Wright	Freedom Way	2 OH	P	C	1033	ACSR	1	1	1	7801	Gulf Power C/I	100 Wright-Fre Under Con	Other
2010 US	SERC	SE	AC	100-120	100-120	251	6	2021 Wright	Sullivan	0 OH	P	C	1033	ACSR	1	1	1	7801	Gulf Power C/I	100 Wright-SulPlanned	Reliability
2010 US	SERC	W	AC	200-299	200-299	800	12	2011 Bayou Laboutte	Iberville	2 OH	P	S	1780	ACSR	2	1	1	Entergy	Entergy I	100 Bayou Lab Under Con	Reliability
2010 US	SERC	W	AC	200-299	200-299	829	6	2011 Sellers Road	Meaux	10 OH			954	ACSR	2	1	1	Entergy	Entergy I	100 Sellers Ro/Under Con	Reliability
2010 US	SERC	W	AC	200-299	200-299	711	6	2019 Moss Bluff	Lake Charles	15 OH	P	S	666	ACSR	2	1	1	Entergy	Entergy I	100 Moss BluffPlanned	Reliability
2010 US	SERC	W	AC	200-299	200-299	704	6	2012 Nelson	Moss Bluff	7 OH			666	ACSR	2	1	1	Entergy	Entergy I	100 Nelson-Mo Planned	Reliability
2010 US	SERC	W	AC	200-299	200-299	515	6	2012 Oakville	Alliance	10 OH	P	S	1590	ACSR	2	1	1	Entergy	Entergy I	100 Oakville-A/Planned	Reliability
2010 US	SERC	W	AC	121-150	121-150	211	6	2014 Scott	Acadia	3 OH			336	ACSR	2	1	1	Entergy	Entergy I	100 Scott-AcadPlanned	Reliability
2010 US	SERC	W	AC	200-299	200-299	497	6	2011 Segura	Moril	1 OH			666	ACSR	2	1	1	Entergy	Entergy I	100 Segura-MoPlanned	Reliability
2010 US	SERC	W	AC	200-299	200-299	797	6	2018 China	Amelia	10 OH	T	S	954	ACSR	2	1	2	Entergy	Entergy I	100 China-Ame Conceptua	Reliability
2010 US	SERC	W	AC	200-299	200-299	1039	6	2019 Hartburg	Chisholm Road	12 OH	T	S	1272	ACSR	2	1	2	Entergy	Entergy I	100 Hartburg-C Conceptua	Reliability
2010 US	SERC	W	AC	200-299	200-299	711	6	2014 Willow Glen	Conway	15 OH			666	OT	2	1	1	Entergy	Entergy I	100 Willow Gle Conceptua	Economics or Congestion
2010 US	SERC	W	AC	100-120	100-120	175	12	2012 Benton N	Benton S	6 OH			666	ACSR	1	1	1	Entergy	Entergy I	100 Benton N-U/Under Con	Reliability
2010 US	SERC	W	AC	100-120	100-120	231	6	2012 Lakeover	Northpark	12 OH	P	S	1272	ACSR	1	2	2	Entergy	Entergy I	100 Lakeover-U/Under Con	Reliability
2010 US	SERC	W	AC	100-120	100-120	259	6	2012 North Crossett	North Bastrop	19 OH	P	C	1272	ACSR	1	1	1	Entergy	Entergy I	100 North Cros Under Con	Reliability
2010 US	SERC	W	AC	151-199	151-199	365	6	2011 Osage Creek	Grandview	5 OH	P	S	1272	ACSR	1	1	1	Entergy	Entergy I	100 Osage Cre Under Con	Reliability
2010 US	SERC	W	AC	100-120	100-120	259	6	2012 Sterlington	North Bastrop	19 OH	P	C	1272	ACSR	1	1	1	Entergy	Entergy I	100 Sterlington Under Con	Reliability
2010 US	SERC	W	AC	200-299	200-299	500	6	2012 Tillatoba	South Grenada	19 OH	P	C	1272	ACSR	1	2	2	Entergy	Entergy I	100 Tillatoba-S Under Con	Reliability
2010 US	SERC	W	AC	100-120	200-299	261	6	2019 Arcadia	Salles	15 OH	P	C	1272	ACSR	1	1	1	Entergy	Entergy I	100 Arcadia-SaPlanned	Reliability
2010 US	SERC	W	AC	200-299	200-299	520	6	2013 Bayou Steal	Texaco	10 OH	P	S	1272	ACSR	1	1	1	Entergy	Entergy I	100 Bayou Ste/Planned	Reliability
2010 US	SERC	W	AC	200-299	200-299	520	6	2013 Church Rd	Getwell	16 OH	P	C	1272	ACSR	1	1	1	Entergy	Entergy I	100 Church Rd Planned	Reliability
2010 US	SERC	W	AC	100-120	100-120	260	6	2015 HS Hamilton	Bismark	10 OH			1272	ACSR	1	1	1	Entergy	Entergy I	100 HS Hamilt/Planned	Reliability
2010 US	SERC	W	AC	100-120	200-299	261	6	2016 Mt. Olive	Arcadia	15 OH	P	C	1272	ACSR	1	1	1	Entergy	Entergy I	100 Mt. Olive-A/Planned	Reliability
2010 US	SERC	W	AC	100-120	100-120	261	6	2013 Oakridge	Dunn	15 OH	P	C	1272	ACSR	1	1	1	Entergy	Entergy I	100 Oakridge-C/Planned	Reliability
2010 US	SERC	W	AC	121-150	121-150	211	6	2015 Scott	East Opelousa	2 OH			666	ACSR	1	1	1	Entergy	Entergy I	100 Scott-East Planned	Reliability
2010 US	SERC	W	AC	100-120	200-299	260	6	2013 Springridge Rd	Wynndale	25 OH	P	C	1272	ACSR	1	1	1	Entergy	Entergy I	100 Springridge/Planned	Reliability
2010 US	SERC	W	AC	100-120	100-120	260	6	2012 Swartz	Oakridge	15 OH	P	C	1272	ACSR	1	1	1	Entergy	Entergy I	100 Swartz-Oa Planned	Reliability
2010 US	SERC	W	AC	121-150	121-150	211	6	2019 Youngsville	New Iberia	25 OH	P	S	666	ACSR	1	1	1	Entergy	Entergy I	100 Youngsvill Planned	Reliability
2010 US	SERC	W	AC	121-150	121-150	265	6	2015 China	Stowell	18 OH	H	S	954	ACSR	1	1	2	Entergy	Entergy I	100 China-Stow Conceptua	Reliability
2010 US	SERC	W	AC	200-299	200-299	519	6	2018 Raceland	Waterford	4 OH			1272	ACSR	1	1	1	Entergy	Entergy I	100 Raceland-I Conceptua	Reliability
2010 US	SERC	W	AC	100-120	200-299	239	6	2018 Terrebone	Humphrey	15 OH	P	S	1272	ACSR	1	1	1	Entergy	Entergy I	100 Terrebone-Conceptua	Reliability
2010 US	SERC	W	AC	200-299	200-299	529	6	2012 Labbe	Sellers Road	15 OH			1590	AL				Entergy	Entergy I	100 Labbe-Sel/Under Con	Reliability
2010 US	SERC	W	AC	151-199	151-199	617	6	2012 Holland Bottoms	Hamlet	20 OH			1572	OT	1	1	1	Entergy	Entergy I	100 Holland Bo/Under Con	Reliability
2010 US	SERC	W	AC	121-150	121-150	501	6	2011 Jacinto	Lewis Creek	-29 OH	P	S	395	AL	2	1	1	Entergy	Entergy I	100 Jacinto-Lev Under Con	Reliability
2010 US	SERC	W	AC	200-299	200-299	501	6	2011 Jacinto	Lewis Creek	29 OH	P	S	395	AL	2	1	1	Entergy	Entergy I	100 Jacinto-Lev Under Con	Reliability
2010 US	SERC	W	AC	121-150	121-150	275	6	2011 Alchem	Monochem	0 OH			336	ACSR	2	1	1	Entergy	Entergy I	100 Alchem-Mc Under Con	Reliability
2010 US	SERC	W	AC	121-150	121-150	502	6	2011 Chem Road	Dupont Sabine 3	0 OH	T	S	795	ACSR	2	1	1	Entergy	Entergy I	100 Chem Roa Under Con	Reliability
2010 US	SERC	W	AC	200-299	200-299	797	3	2011 McAdams	Pickers	0 OH	P	C	954	ACSR	2	1	1	Entergy	Entergy I	100 McAdams- Under Con	Reliability
2010 US	SERC	W	AC	121-150	121-150	478	11	2011 Tamina	Cedar Hill	0 OH	H	S	954	ACSR	1	1	2	Entergy	Entergy I	100 Tamina-Ce Under Con	Reliability
2010 US	SERC	W	AC	121-150	121-150	287	6	2011 Toledo Bend	Van Pity Tap	0 OH	H	W	336	ACSR	2	2	2	Entergy	Entergy I	100 Toledo Ber Under Con	Reliability
2010 US	SERC	W	AC	121-150	121-150	478	6	2013 Cedar Hill	Plantation	0 OH	H	S	954	ACSR	2	1	2	Entergy	Entergy I	100 Cedar Hill- Planned	Reliability
2010 US	SERC	W	AC	121-150	121-150	275	6	2014 Jasper	Sam Rayburn Da	0 OH	P	S	336	ACSR	2	1	1	Entergy	Entergy I	100 Jasper-Sar Planned	Reliability
2010 US	SERC	W	AC	100-120	100-120	239	6	2019 Sterlington	Downsville	0 OH	P	C	336	ACSR	2	1	1	Entergy	Entergy I	100 Sterlington Planned	Reliability
2010 US	SERC	W	AC	200-299	200-299	1038	6	2011 Waterford	Ninemile	0 OH			1272	ACSR	2	1	1	Entergy	Entergy I	100 Waterford- Planned	Reliability
2010 US	SERC	W	AC	121-150	121-150	422	6	2020 Willow Glen	Oakgrove	0 OH	P	S	666	ACSR	2	1	1	Entergy	Entergy I	100 Willow Gle Planned	Reliability
2010 US	SERC	W	AC	200-299	200-299	1039	6	2017 Cypress	Amelia	0 OH	P	S	1272	ACSR	2	1	1	Entergy	Entergy I	100 Cypress-Ac Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	422	6	2016 eastgate	Dayton Bulk	0 OH	P	S	666	ACSR	2	1	1	Entergy	Entergy I	100 eastgate-D Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	422	6	2017 Grimes	Bentwater	0 OH	P	S	666	ACSR	2	1	1	Entergy	Entergy I	100 Grimes-Be Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	339	6	2017 Grimes	Huntsville	0 OH	P	S	666	ACSR	2	1	1	Entergy	Entergy I	100 Grimes-Hu Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	422	6	2018 Hickory Ridge	Eastgate	0 OH	P	S	666	ACSR	2	1	1	Entergy	Entergy I	100 Hickory Ri Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	422	6	2015 Linde	Port Neches Bulk	0 OH	T	S	666	ACSR	2	2	2	Entergy	Entergy I	100 Linde-Port- Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	478	6	2016 Plantation	Corroe	0 OH	H	S	954	ACSR	2	2	2	Entergy	Entergy I	100 Plantation- Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	422	6	2015 Sabine	Linde	0 OH	T	S	954	ACSR	2	2	2	Entergy	Entergy I	100 Sabine-Lin Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	422	12	2014 Sabine	Port Neches Bulk	0 OH	T	S	666	ACSR	2	2	2	Entergy	Entergy I	100 Sabine-Por Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	478	6	2019 Splendora	Apollo	0 OH	H	S	954	ACSR	2	1	2	Entergy	Entergy I	100 Splendora- Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	411	6	2011 Cypress	Lumberton	0 OH	H	W	649	AL	2	2	2	Entergy	Entergy I	100 Cypress-L Under Con	Reliability
2010 US	SERC	W	AC	121-150	121-150	382	6	2011 Goslin	Corroe	0 OH	H	S	649	AL	2	2	2	Entergy	Entergy I	100 Goslin-Cor Under Con	Reliability
2010 US	SERC	W	AC	200-299	200-299	685	3	2011 Hartburg	Inland Orange	0 OH	H	S	649	AL	2	1	1	Entergy	Entergy I	100 Hartburg-Ir Under Con	Reliability
2010 US	SERC	W	AC	200-299	200-299	685	3	2011 Inland Orange	McLewiss	0 OH	H	S	649	AL	2	1	1	Entergy	Entergy I	100 Inland Ora/Under Con	Reliability
2010 US	SERC	W	AC	121-150	121-150	411	3	2011 Lewis Creek	Alden	0 OH	H	W	649	AL	2	2	2	Entergy	Entergy I	100 Lewis Cree Under Con	Reliability
2010 US	SERC	W	AC	121-150	151-199	382	3	2011 Lewis Creek	Caney Creek	0 OH	H	W	649	AL	2	2	2	Entergy	Entergy I	100 Lewis Cree Under Con	Reliability
2010 US	SERC	W	AC	200-299	20																

PlannedCircuitMiles

2010 US	SERC	W	AC	100-120	100-120	239	6	2013 Golden Meadow	Leeville	0 OH	P	S	1272	ACSR	1	1	1	Energy	Energy	I	100 Golden Me	Planned	Reliability
2010 US	SERC	W	AC	121-150	121-150	384	6	2013 Nelson	Mossville	0 OH	P	S	1780	ACSR	1	1	1	Energy	Energy	I	100 Nelson-Mo	Planned	Reliability
2010 US	SERC	W	AC	100-120	100-120	240	12	2011 Rankin Industrial	Airport	0 OH	P	C	1272	ACSR	1	2	2	Energy	Energy	I	100 Rankin Ind	Planned	Reliability
2010 US	SERC	W	AC	100-120	121-150	240	6	2011 Ray Brasswell	Central City	0 OH	H	C	1272	ACSR	1	1	1	Energy	Energy	I	100 Ray Brassw	Planned	Reliability
2010 US	SERC	W	AC	100-120	100-120	262	6	2017 Sterlington	Dunn	0 OH	P	C	1272	ACSR	1	1	1	Energy	Energy	I	100 Sterlington	Planned	Reliability
2010 US	SERC	W	AC	121-150	121-150	260	6	2018 Rivtrin	Walker	0 OH	H	S	954	ACSR	1	1	2	Energy	Energy	I	100 Rivtrin-Wal	Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	265	6	2017 Toledo Bend	Newton Bulk	0 OH	P	S	954	ACSR	1	1	1	Energy	Energy	I	100 Toledo Be	Conceptua	Reliability
2010 US	SERC	W	AC	100-120	100-120	239	6	2017 Valentine	Clovelly	0 OH	P	S	1272	ACSR	1	1	1	Energy	Energy	I	100 Valentine-	Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	260	6	2020 walker	Cincinnati	0 OH	H	S	954	ACSR	1	1	2	Energy	Energy	I	100 Walker-Cn	Conceptua	Reliability
2010 US	SERC	W	AC	121-150	121-150	206	6	2011 Navaasota	Sota	0 OH	H	W	649	ACSR	1	1	1	Energy	Energy	I	100 Navaasota-	Under Con	Reliability
2010 US	SERC	W	AC	100-120	100-120	98	12	2011 Alpine	Amity	0 OH	H	W	212	CU	1	1	1	Energy	Energy	I	100 Alpine-Ami	Under Con	Economics or Congestion
2010 US	SERC	W	AC	100-120	100-120	98	12	2011 Bismark	Alpine	0 OH	H	W	212	CU	1	1	1	Energy	Energy	I	100 Bismark-Al	Under Con	Economics or Congestion
2010 US	SERC	W	AC	200-299	200-299	785	12	2011 Hartburg	McLewis	0 OH	H	S	1222	OT	1	1	1	Energy	Energy	I	100 Hartburg-N	Planned	Nuclear Integration
2010 US	SERC	W	AC	200-299	200-299	785	6	2016 McLewis	Helbig	0 OH	H	S	1222	OT	1	2	2	Energy	Energy	I	100 McLewis-H	Conceptua	Reliability
2010 US	SERC	W	AC	151-199	151-199	246	6	2012 Jonesboro	hergett	0 OH	P	S	666	ACSR	0	0	0	Energy	Energy	I	100 Jonesboro	Under Con	Reliability
2010 US	SPP	-	AC	100-120	115	146	2	2014 Kress Intg.	Plainview City	18 OH	P	S	397	ACSR	1	1	2	17718	SWPS	I	100 Plainview	Planned	Reliability
2010 US	SPP	-	AC	100-120	138	239	4	2012 McNab	Turk	0 OH	P	S	1590	ACSR	1	1	1	17698	SOEP	I	100 McNab To	Planned	Fossil-Fired Integration
2010 US	SPP	-	AC	300-399	345	1336	6	2016 Shipa Road	E. Rogers	9 OH	P	C	954	ACSR	2	1	1	17698	SOEP	I	100 Shipa Roa	Planned	Reliability
2010 US	SPP	-	AC	300-399	345	1336	6	2016 E. Rogers	Osage	32 OH	P	C	954	ACSR	2	1	1	17698	SOEP	I	100 E. Rogers	Planned	Reliability
2010 US	SPP	-	AC	300-399	345	1793	4	2012 Sunnyside	Hugo	120 OH	H	S	1590	ACSR	2	1	1	14063	OG&E	I	100 Sunnyside	Planned	Reliability
2010 US	SPP	-	AC	121-150	138	512	5	2012 Turk	Sugar Hill	24 OH	P	S	1590	ACSR	2	1	1	17698	SOEP	I	100 Turk to Su	Planned	Fossil-Fired Integration
2010 US	SPP	-	AC	121-150	138	512	6	2012 McDade	Caplis	8 OH	P	S	1590	ACSR	1	1	1	17698	SOEP	I	100 McDade to	Planned	Reliability
2010 US	SPP	-	AC	121-150	138	268	4	2011 Cushing	PS32	7.4 OH	P	S	795	ACSR	1	1	1	14063	OG&E	I	100 Transcand	Planned	Other
2010 US	SPP	-	AC	200-299	230	655	6	2012 Bonin 6 (502403)	(502421)	1.4 OH	P	S	795	ACSR	2	2	2	11235	Lafayette	M	100 Acadiana	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	362	5	2014 SW 7th & Bennet	40th & Rokeby	5.5 OH	P	S	397.5	ACSR	2	1	1	11018	Lincoln Elect	M	100 SW 7th &	Planned	Reliability
2010 US	SPP	-	AC	300-399	345	1793	5	2014 Woodward EHV	Border	72 OH	H	S	1590	ACSR	2	1	1	14063	OG&E	I	100 Woodward	Planned	Reliability
2010 US	SPP	-	AC	200-299	230	829	1	2013 Wells	Labbe	30 OH	H	S	795	ACSR	2	1	1	3265	Cleco	M	93 ALP	Planned	Reliability
2010 US	SPP	-	AC	151-199	161	280	5	2011 Sub A	Sub M	4.34 OH	P	S	795	ACSR	1	0	2	9231	INDN	M	100 Sub A to S	Under Con	Reliability
2010 US	SPP	-	AC	300-399	345	1336	6	2014 Flint Creek	Shipa Road	18 OH	P	C	954	ACSR	2	1	1	17698	SOEP	I	100 Flint Creek	Planned	Reliability
2010 US	SPP	-	AC	121-150	138	287	5	2011 Caney Creek	Johnston County	25 OH	P	S	795	ACSR	1	1	1	14063	OG&E	I	100 Caney Cre	Planned	Other
2010 US	SPP	-	AC	121-150	138	287	5	2011 Caney Creek	Johnston County	25 OH	P	S	795	ACSR	1	1	1	14063	OG&E	I	100 Johnston C	Under Con	Reliability
2010 US	SPP	-	AC	100-120	115	240	6	2011 Sheldon	Folsom & Pleasa	0.5 OH	P	S	397.5	ACSR	2	2	2	11018	Lincoln Elect	M	100 SW Lincol	Under Con	Reliability
2010 US	SPP	-	AC	200-299	230	452	4	2013 Harrington	Cherry St. Intg.	5.3 OH	H	W	795	ACSR	1	2	2	17718	SWPS	I	100 Cherry St.	Planned	Reliability
2010 US	SPP	-	AC	200-299	230	452	4	2013 Cherry St. Intg.	Potter County	6.01 OH	H	W	795	ACSR	1	2	2	17718	SWPS	I	100 Cherry St.	Planned	Reliability
2010 US	SPP	-	AC	151-199	161	1170	12	2016 Fisher Substation	Barber Substation	2.5 OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 Fisher to B	Conceptua	Reliability
2010 US	SPP	-	AC	151-199	161	585	12	2016 Kaw-West Sub	Speaker Sub	4 OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 Kaw-West	Conceptua	Reliability
2010 US	SPP	-	AC	151-199	161	585	12	2016 Speaker Substati	Kaw Substation	3 OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 Speaker to	Conceptua	Reliability
2010 US	SPP	-	AC	151-199	161	585	12	2016 Kaw Substation	Barber Substation	2 OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 Kaw to Bar	Conceptua	Reliability
2010 US	SPP	-	AC	151-199	161	585	12	2017 Speaker Substati	Everett Substatio	3 OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 Speaker to	Conceptua	Reliability
2010 US	SPP	-	AC	151-199	161	585	12	2017 Everett Substatio	Quindaro Substat	4.5 OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 Everett to	Conceptua	Reliability
2010 US	SPP	-	AC	151-199	161	268	6	2015 Monett Sub #393	South of Monett.	9.2 OH	H	W	795	ACSR	1	1	1	5860	The Empire El	S	100 Fisher to B	Conceptua	Reliability
2010 US	SPP	-	AC	100-120	115	240	6	2012 Twin Church	South Sioux City	7 OH	P	W	477	ACSR	1	1	1	13337	NPPD	S	100 Twin Chur	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	139	6	2011 Sheldon	Folsom & Pleasa	0.5 OH	P	S	397.5	ACSR	2	2	2	11018	Lincoln Elect	M	100 SW Lincol	Under Con	Reliability
2010 US	SPP	-	AC	121-150	138	287	6	2011 Bellcow	Warwick	6.98 OH	P	S	795	ACSR	1	1	1	14063	OG&E	I	100 Bellcow	Planned	Reliability
2010 US	SPP	-	AC	151-199	161	233	6	2015 GREENWOOD	LONE JACK	4.7 OH	P	S	795	ACSR	1	1	1	10000	KCP&L GMOI	I	100 GREENWW	Planned	Reliability
2010 US	SPP	-	AC	300-399	345	1792	6	2017 SIBLEY	MARYVILLE	106 OH	H	W	1192	ACSS	2	1	1	10000	KCP&L GMOI	I	100 SIBLEY-M	Planned	Economics
2010 US	SPP	-	AC	300-399	345	1792	6	2017 MARYVILLE	NEBRASKA	70 OH	H	W	1192	ACSS	2	1	1	10000	KCP&L GMOI	I	85 MARYVILLE	Planned	Economics
2010 US	SPP	-	AC	300-399	345	2546	6	2015 IATANA	NASHUA	30 OH	H	W	1192	ACSS	1	1	1	10000	KCP&L GMOI	I	100 IATANA-N	Planned	Economics
2010 US	SPP	-	AC	151-199	161	293	6	2015 CEDAR NILES	CLARE	4.84 OH	P	S	1192	ACSR	1	1	1	10000	KCP&L	I	100 CEDARNIL	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	240	6	2012 Twin Church	South Sioux City	11 OH	P	W	477	ACSR	1	1	1	13337	NPPD	S	100 Twin Chur	Planned	Reliability
2010 US	SPP	-	AC	200-299	230	452	6	2011 Hitchland	Moore County	50 OH	H	W	795	ACSR	1	1	1	17718	SWPS	I	100 Hitchland	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	6	2011 Sherman	Dallam	35 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Sherman-C	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	6	2011 Hitchland	Sherman Tap	8 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Hitchland	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	6	2011 Hitchland	Barman	32 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Hitchland	Planned	Reliability
2010 US	SPP	-	AC	200-299	230	452	4	2013 Randall County	Amarillo South	8.5 OH	H	S	795	ACSR	1	1	1	17718	SWPS	I	100 Randall C	Planned	Reliability
2010 US	SPP	-	AC	151-199	161	512	6	2014 Shipa Road	E. Centerfont	9 OH	P	S	1590	ACSR	1	1	1	17698	SOEP	I	100 Shipa Roa	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	4	2013 Nichols	Cherry St. Intg.	6.38 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Cherry St.	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	4	2013 Cherry St. Intg.	Northwest	8.28 OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Cherry St.	Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	4																

2010 US	SPP	-	AC	100-120	115	146	6	2013 Cherry St. Intg.	Hastings	4	OH	H	W	397	ACSR	1	1	2	17718	SWPS	I	100 Cherry St. Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	6	2013 Pleasant Hill	Curry County	0.2	OH	P	S	397	ACSR	1	1	1	17718	SWPS	I	100 Pleasant H Planned	Reliability
2010 US	SPP	-	AC	121-150	138	194	10	2014 Stillwater	Knipe	14.6	OH	P	S	477	ACSR	1	1	1	14063	OG&E	I	100 Stillwater - Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	6	2013 Pleasant Hill	Northton	0.2	OH	P	S	397	ACSR	1	1	1	17718	SWPS	I	100 Pleasant H Planned	Reliability
2010 US	SPP	-	AC	151-199	161	1170	12	2014 Wolcott Substatio	Nearman Substat	5	OH	P	S	1192	ACSS	1	2	2	9961	KACY	M	100 Wolcott to Planned	Reliability
2010 US	SPP	-	AC	300-399	345	146	12	2014		46	OH	P	S	1590	ACSR	2	2	2	14063	OG&E	I	100 Woodward Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2011 Hitchland	Texas County (1)	1	OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Hitchland F Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2011 Hitchland	Texas County (2)	8	OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Hitchland F Planned	Reliability
2010 US	SPP	-	AC	121-150	138	512	12	2011 Turk	Okay	2	OH	P	S	1590	ACSR	1	1	1	17698	SOEP	I	100 Turk-Okay Planned	Fossil-Fired Integration
2010 US	SPP	-	AC	151-199	161	585	12	2011 Piper Substation	Wolcott Substatio	7	OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 Piper to W Planned	Reliability
2010 US	SPP	-	AC	151-199	161	585	12	2011 East-FairFax Sub	Fairfax Substatio	0.1	OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 East-FairFax Planned	Reliability
2010 US	SPP	-	AC	151-199	161	585	12	2011 East-FairFax Sub	GM Substation	0.1	OH	P	S	1192	ACSS	1	1	1	9961	KACY	M	100 East-FairFax Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	6	2013 Pleasant Hill	Curry County	3	OH	P	S	397	ACSR	1	2	2	17718	SWPS	I	100 Pleasant H Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	6	2013 Pleasant Hill	FEC Clovis (Intg.)	3	OH	P	S	397	ACSR	1	2	2	17718	SWPS	I	100 Pleasant H Planned	Reliability
2010 US	SPP	-	AC	100-120	115	181	11	2013 30th & A	56th & Everet	2	OH	P	S	397.5	ACSR	1	1	1	11018	Lincoln ElectM	I	100 Central Re Planned	Reliability
2010 US	SPP	-	AC	100-120	115	181	11	2013 21st & N	17th & Holdrede	1.3	OH	P	S	397.5	ACSR	1	1	1	11018	Lincoln ElectM	I	100 Central Re Planned	Reliability
2010 US	SPP	-	AC	100-120	115	181	11	2013 30th & A	21st & S	1.3	OH	P	S	397.5	ACSR	1	1	1	11018	Lincoln ElectM	I	100 Central Re Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	6	2015 Newhart	Castro	24	OH	P	S	397	ACSR	1	1	1	17718	SWPS	I	100 Newhart In Planned	Reliability
2010 US	SPP	-	AC	100-120	115	121	11	2013 20th & Pioneers	29th & Leighton	-5.6	UH	S	1250	AL	1	1	1	11018	Lincoln ElectM	I	100 Central Re Planned	Reliability	
2010 US	SPP	-	AC	200-299	230	452	12	2014 Newhart Intg.	Swisher County	19	OH	H	S	795	ACSR	1	1	1	17718	SWPS	I	100 Newhart In Planned	Reliability
2010 US	SPP	-	AC	151-199	161	635	12	2011 Quindaro Substat	Nearman Substat	4	OH	P	S	1192	ACSR	1	2	2	9961	KACY	M	100 Quindaro In Planned	Reliability
2010 US	SPP	-	AC	151-199	161	347	12	2011 Torneke Substat	Silcam Springs S	7	OH	P	S	1590	ACSR	1	1	1	7490	GRDA	S	100 Silcam Spr Planned	Economics Other
2010 US	SPP	-	AC	200-299	230	452	12	2011 Hitchland	Ochiltree Intg.	32	OH	H	W	795	ACSR	1	1	1	17718	SWPS	I	100 Hitchland - Planned	Reliability
2010 US	SPP	-	AC	100-120	230	146	12	2011 Dallam	Potter County	70	OH	H	W	795	ACSR	1	1	1	17718	SWPS	I	100 Channing F Planned	Reliability
2010 US	SPP	-	AC	100-120	115	164	12	2011 Taylor Switch	Johnson Draw	4.75	OH	P	S	477	ACSR	1	2	2	17718	SWPS	I	100 Johnson D Planned	Reliability
2010 US	SPP	-	AC	100-120	115	164	12	2011 Johnson Draw	Gaines	4.8	OH	P	S	477	ACSR	1	2	2	17718	SWPS	I	100 Johnson D Planned	Reliability
2010 US	SPP	-	AC	151-199	161	318	12	2013 Muncie Substatio	Center City Subs	0.1	OH	P	S	1192	ACSR	1	1	1	9961	KACY	M	100 Muncie to Planned	Reliability
2010 US	SPP	-	AC	151-199	161	318	12	2013 Muncie Substatio	Armourdale Subs	0.1	OH	P	S	1192	ACSR	1	1	1	9961	KACY	M	100 Muncie to Planned	Reliability
2010 US	SPP	-	AC	300-399	345	1793	12	2013 Seminole	Muskogee	100	OH	H	S	1590	ACSR	2	1	1	14063	OG&E	I	100 Seminole F Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2013 East Plant	Hastings	4.874	OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Cherry St. Planned	Reliability
2010 US	SPP	-	AC	200-299	230	452	12	2014 Roosevelt County	Pleasant Hill	30	OH	H	S	795	ACSR	1	1	1	17718	SWPS	I	100 Pleasant H Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2014 Plainview City	Cox	10	OH	P	S	397	ACSR	1	1	2	17718	SWPS	I	100 Plainview (Planned)	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2012 Pleasant Hill	Curry County	1.5	OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 East Clovis Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2012 Roswell Intg	Capitan Substatio	5.7	OH	H	W	397	ACSR	1	1	1	17718	SWPS	I	100 Roswell-C Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2011 Higg	Johnson Draw	0.13	OH	P	S	397	ACSR	1	1	1	17718	SWPS	I	100 Johnson D Planned	Reliability
2010 US	SPP	-	AC	300-399	345	1611	12	2012 Rose Hill	Sooner	100	OH	H	S	1590	ACSR	2	1	1	10005	Westar Ener(I	I	55 Rose Hill-S Under Con	Reliability
2010 US	SPP	-	AC	121-150	138	267	7	2011 Burns Tap	TC-Burns	13	OH	H	W	1192.5	ACSR	1	1	1	10005	Westar Ener(I	I	100 TransCana Planned	Reliability
2010 US	SPP	-	AC	100-120	115	239	6	2013 Goodyear	Macvicar	4	OH	P	S	1192.5	ACSR	1	1	1	10005	Westar Ener(I	I	100 Goodyear - Planned	Reliability
2010 US	SPP	-	AC	100-120	115	239	12	2014 Macvicar	17th & Fairlawn	4	OH	P	S	1192.5	ACSR	1	1	1	10005	Westar Ener(I	I	100 Goodyear - Planned	Reliability
2010 US	SPP	-	AC	100-120	115	239	12	2012 KSU-Wildcat	NW Manhattan	2	OH	S	S	1192.5	ACSR	1	2	2	10005	Westar Ener(I	I	100 KSU-NW F Planned	Reliability
2010 US	SPP	-	AC	200-299	230	1168	6	2019 JEC	E Manhattan	27	OH	H	W	1590	ACSR	2	1	1	10005	Westar Ener(I	I	100 JEC - Mar Conceptua	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2011 Johnson Draw	Amfrac/Magco	0.1	OH	P	S	397	ACSR	1	1	1	17718	SWPS	I	100 Johnson D Planned	Reliability
2010 US	SPP	-	AC	121-150	138	183	6	2010 OU Switchyard	Canadian Switch	0	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 OU SW to Planned	Reliability
2010 US	SPP	-	AC	100-120	115	146	12	2011 Pecos	Ocotillo	5.813	OH	P	S	397	ACSR	1	1	1	17718	SWPS	I	100 Carlsbad C Planned	Reliability
2010 US	SPP	-	AC	121-150	138	183	6	2011 Meeker Switchya	Hammett Substat	10	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 Meeker to Planned	Reliability
2010 US	SPP	-	AC	121-150	138	183	6	2011 Franklin Switchya	OU Switchyard	0	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 Franklin S Planned	Reliability
2010 US	SPP	-	AC	121-150	138	183	6	2011 Twin Lakes Switch	OG&E Crescent	1	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 Twin Lakes Planned	Reliability
2010 US	SPP	-	AC	121-150	138	144	6	2011 Dover Switchyard	Cashin Substat	0	OH	H	W	556.5	ACSR	1	1	1	20447	WFEC	I	100 Dover SW Planned	Reliability
2010 US	SPP	-	ac	100-120	115	146	6	2011 Heizer	Mullegren	0.3	OH	H	w	115	ACSR	1	1	1	12524	MIDW	I	100 Heizer - M Planned	Reliability
2010 US	SPP	-	AC	121-150	138	106	6	2012 Cache Substator	Grandfield Switch	18	OH	H	W	336.4	ACSR	1	1	1	20447	WFEC	I	100 Cache to C Planned	Reliability
2010 US	SPP	-	AC	121-150	138	183	12	2013 Loco SW	Headton-Butler J	0	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 Loco SW to Planned	Reliability
2010 US	SPP	-	AC	121-150	138	144	12	2013 Reeding	Twin Lakes Switc	0	OH	H	W	556	ACSR	1	1	1	20447	WFEC	I	100 Reeding to Planned	Reliability
2010 US	SPP	-	AC	121-150	138	144	12	2015 DW Switchyard	Colde Substation	0	OH	H	W	556.5	ACSR	1	1	1	20447	WFEC	I	100 OU to Cole Planned	Reliability
2010 US	SPP	-	AC	121-150	138	183	6	2016 Elk City Substatio	Russell Switchya	0	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 Elk City Conceptua	Reliability
2010 US	SPP	-	AC	121-150	138	183	12	2016 Snyder Switchya	Paradise Substat	0	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 Snyder SW Conceptua	Reliability
2010 US	SPP	-	AC	121-150	138	183	6	2018 Cache Switchya	Grandfield Switch	58	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 Cache to C Conceptua	Reliability
2010 US	SPP	-	AC	121-150	138	212	12	2018 Anadarko Switch	Paradise Substat	0	OH	H	W	1113	ACSR	1	1	1	20447	WFEC	I	100 Anadarko I Conceptua	Reliability
2010 US	SPP	-	AC	121-150	138	106	12	2016 Anadarko Switch	OU Switchyard	0	OH	H	W	336.4	ACSR	1	1	1	20447	WFEC	I	100 Anadarko I Conceptua	Reliability
2010 US	SPP	-	AC	121-150	138	106	12	2017 Snyder Switchya	Russell Switchya	0	OH	H	W	336.4	ACSR	1	1	1	20447	WFEC	I	100 Snyder SW Conceptua	Reliability
2010 US	SPP	-	AC	121-150	138	183	11	2011 Anadarko SW	Georgia Tap	0	OH	H	W	1113	ACSR	1	1	1	20447	WFEC	I	100 Anadarko F Planned	Reliability
2010 US	SPP	-	AC	121-150	138	183	12	2011 Anadarko SW	Washtia	1	OH	H	W	795	ACSR	1	1	1	20447	WFEC	I	100 Anadarko F Planned	Economics or Congestion
2010 US	SPP	-	AC	100-120	115	146	12	2013 Newhart	Kress	18	OH	P	S	397	ACSR	1	1	1	17718	SWPS	I	100 Newhart In Planned	Reliability
2010 US	WECC	BASN	AC	200-299	200-299	351	10	2012 Midpoint, ID	King, ID	24	OH	H	W	715.5	ACSR	1	1	1	9191	IPC	I	100 Midpoint-B Planned	Variable/R/Other
2010 US	WECC	BASN	AC	200-299	200-299	351	10	2012 King, ID	DRAM, ID	80	OH	H	W	715.5	ACSR	1	1	1	9191	IPC	I	100 Midpoint-B Planned	Variable/R/Other
2010 US	WECC	BASN	AC	200-299	200-299	351	10	2012 Midpoint, ID	DRAM, ID	-104	OH	H	W	715.5	ACSR	1	1	1	9191	IPC	I	100 Midpoint-B Planned	Variable/R/Other
2010 US	WECC	BASN	AC	200-299	200-299	493	6	2012 Ontario, OR	South of New Ply	13	OH	H	W	1272	ACSR	1	1	1	9191	IPC	I	100 Langley G Under Con	

2010 US	WECC	CALN	AC	200-299	200-299	800	12	2016 Collinsville, CA	Pittsburg, CA	3 OH	T	S	2300	AL	2	2	2	14328	PG&E	I	100 Bay Area E Conceptua Economics Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	5	5	2012 Rio Oso	Gold Hill	28.5 OH	T	S			1	1	1	14328	PG&E	I	100 Rio Oso-AI Conceptua Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120		5	2011 Sanger	Reedley	20 OH	P	W			1	1	1	14328	PG&E	I	100 Sanger-Re Planned Reliability Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	604	5	2012 Cressey	Galz	12 OH	P	W			1	1	1	14328	PG&E	I	100 Cressey-MkPlanned Reliability Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	604	5	2011 Table Mountain S	Rio Oso Substata	136 OH	T	S	795	ACSS	1	2	2	14328	PG&E	I	100 Table Mou Under Con Other Reliability	
2010 US	WECC	CALN	AC	200-299	200-299		5	2012 Embarcadero	Potrero	3 UG	U				1	1	1	14328	PG&E	I	100 Embarcader Conceptua Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120	164	5	2011 Sanger	California Ave	9.3 OH	P	W	1113	AL	1	2	2	14328	PG&E	I	100 Sanger-Ca Planned Reliability Reliability	
2010 US	WECC	CALN	DC	400-599	400-599	3000	12	2016 NEO	Collinsville CA	640 OH	T	S			3	2	2	14328	PG&E	I	51 Canada/Pa Conceptua Variable/R Variable/Renewable Integration	
2010 US	WECC	CALN	AC	100-120	100-120		5	2012 Midway	Rerfro	33 OH	T	S			1	2	2	14328	PG&E	I	100 Midway - R Planned Reliability Reliability	
2010 US	WECC	CALN	AC	200-299	200-299		5	2012 Midway	San Luis Obispo	68 OH	T	S			5	2	2	14328	PG&E	I	100 Midway-Mk Conceptua Variable/R Variable/Renewable Integration	
2010 US	WECC	CALN	AC	100-120	100-120		5	2012 San Mateo	Bay Meadows	4.5 OH	T	S			1	2	2	14328	PG&E	I	100 Bay Mead Pl Planned Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120	224	5	2011 Gold Hill	Clarksville	6 OH	P	W	477	ACSS	1	1	1	14328	PG&E	I	100 Gold Hill - I Planned Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120		5	2012 Missouri Flat	Gold Hill	25 OH	T	S			1	2	2	14328	PG&E	I	100 Missouri FI Planned Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120	224	12	2011 Lagunitas Switc	Anzar Junction	6.6 OH	P	S	477	ACSS	1	2	2	14328	PG&E	I	100 Lagunitas - P Planned Reliability Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	658	5	2014 Vacca Dixon Subs	Lakeville Substat	80 OH	T	S	1113	AL	1	2	2	14328	PG&E	I	100 Vacca Dixon Conceptua Economics Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	1366	5	2013 Tesla Substation	Newark Substata	54 OH	T	S	954	ACSS	2	2	2	14328	PG&E	I	100 Tesla - Ne Conceptua Economics Reliability	
2010 US	WECC	CALN	AC	100-120	100-120	126	5	2011 Tesla	Schulte, Salado, I	21.9 OH	P	W	715	AL	1	1	1	14328	PG&E	I	100 Tesla 115k Planned Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120	164	5	2011 Palermo	Rio Oso	70 OH	T	S	1113	AL	1	2	2	14328	PG&E	I	100 Palermo - I Planned Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120	224	5	2011 Atlantic	Lincoln	13 OH	P	W	477	ACSS	1	1	1	14328	PG&E	I	100 Atlantic - L Under Con Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120	224	12	2011 Lincoln	Rio oso	11 OH	P	W	477	ACSS	1	1	1	14328	PG&E	I	100 Lincoln - R Planned Reliability Reliability	
2010 US	WECC	CALN	AC	100-120	100-120		5	2014 Ames	Ravenswood and	44 OH	T	S			1	1	1	14328	PG&E	I	100 South of St Planned Reliability Reliability	
2010 US	WECC	CALN	AC	400-599	400-599	2146	12	2017 Bakersfield, Ca	Fresno, Ca	280 OH	T	S	2300	AL	2	2	2	14328	PG&E	I	100 Central Ca Conceptua Reliability Economics or Congestion	
2010 US	WECC	CALN	AC	200-299	200-299	754	5	2011 Vacca Dixon Subs	Birds Landing Sw	50 OH	T	S	1113	ACSS	1	2	2	14328	PG&E	I	100 Vacca Dixon Planned Reliability Variable/Renewable Integration	
2010 US	WECC	CALN	AC	200-299	200-299	1366	5	2014 Newark Substata	Ravenswood Sut	18 OH	T	S	954	ACSS	2	2	2	14328	PG&E	I	100 Newark - R Planned Economics Reliability	
2010 US	WECC	CALN	AC	100-120	100-120	157	5	2011 Oakland "X"	Oakland "C"	3.7 UG					1	1	1	14328	PG&E	I	100 Oakland 1 Under Con Reliability Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	683	5	2014 Pittsburg Substat	Telsa Substation	62 OH	T	S	954	ACSS	1	2	2	14328	PG&E	I	100 Pittsburg - Conceptua Economics Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	683	5	2014 Contra Costa Sut	Moraga Substata	54 OH	T	S	954	ACSS	1	2	2	14328	PG&E	I	100 Contra Cos Conceptua Reliability Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	658	12	2011 Lakeville Substata	Lakeville Substata	0.5 OH	T	S	1113	AL	1	2	2	14328	PG&E	I	100 Lakeville - Under Con Reliability Economics or Congestion	
2010 US	WECC	CALN	AC	200-299	200-299	494	12	2012 Pain Springs CA	Coachella CA	0.8 OH					1	2	2	17609	SCE	I	100 Devers - C Conceptua Reliability	
2010 US	WECC	CALN	AC	200-299	200-299		7	2013 Boulder City NV	Primm NV	35 OH								17609	SCE	I	100 Eldorado-I Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	200-299	200-299	1287	3	2012 Rosamond CA	Rosamond CA	4 OH								17609	SCE	I	100 Drycreek Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	200-299	200-299	1287	3	2012 Rosamond CA	Rosamond CA	4 OH								17609	SCE	I	100 Drycreek Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	400-599	400-599	3421	10	2012 Lancaster CA	Vincent CA	18 OH								17609	SCE	I	100 Antelope - Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	200-299	400-599	988	3	2014 Irwindale CA	Lancaster CA	27 OH								17609	SCE	I	100 Rio Honda Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	400-599	400-599	3421	3	2014 Mira Loma CA	Vincent CA	5 OH								17609	SCE	I	100 Mira Loma Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	400-599	400-599	3421	3	2014 Mira Loma CA	Vincent CA	16 OH								17609	SCE	I	100 Mira Loma Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	400-599	400-599		3	2014 Monterey Park C	Orange CA	40 OH								17609	SCE	I	100 Mesa - Ser Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	400-599	400-599	3421	3	2012 Rosamond CA	Mohave CA	17 OH								17609	SCE	I	100 Whirlwind - Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	400-599	400-599		2	2015 Monterey Park C	Vincent CA	19 OH								17609	SCE	I	100 Mesa - Vin Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	200-299	200-299	494	6	2019 Palm Springs CA	Mirage CA	15 OH								17609	SCE	I	100 Devers - M Conceptua Reliability	
2010 US	WECC	CALN	AC	200-299	200-299	1287	4	2014 Rector CA	Springville CA	38 OH								17609	SCE	I	100 San Joseq Planned Reliability	
2010 US	WECC	CALN	AC	400-599	400-599	3421	2	2015 Tehachapi CA	Mira Loma CA	250 OH								17609	SCE	I	100 Tehachapi Planned Variable/Renewable Integration	
2010 US	WECC	CALN	AC	400-599	400-599	2338	9	2013 Colorado River	Devers CA	115 OH								17609	SCE	I	100 Colorado F Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	400-599	400-599		9	2013 Valley CA	Devers CA	42 OH								17609	SCE	I	100 Devers - V Conceptua Variable/Renewable Integration	
2010 US	WECC	CALN	AC	200-299	400-599	1287	6	2011 Tehachapi CA	Mohave CA	10 OH								17609	SCE	I	100 New High Planned Variable/Renewable Integration	
2010 US	WECC	CALN	AC	200-300	200-300		6	2012 Suncrest	Sycamore Canyo	6.2 UG								16609	SDGE	I	100 Sunrise Po Under Con Variable/R Economics	
2010 US	WECC	CALN	AC	200-299	200-299	1326	6	2012 Suncrest	Sycamore Canyo	25 OH	T, P, U	S	900	ACSS	2	0	2	16609	SDGE	I	100 Sunrise Po Under Con Variable/R Economics	
2010 US	WECC	CALN	AC	200-300	200-300		6	2012 Suncrest	Sycamore Canyo	6.2 UG								16609	SDGE	I	100 Sunrise Po Under Con Variable/R Economics	
2010 US	WECC	CALN	AC	200-299	200-299	1326	6	2012 Suncrest	Sycamore Canyo	28 OH	T, P, U	S	900	ACSS	2	0	2	16609	SDGE	I	100 Sunrise Po Under Con Variable/R Economics	
2010 US	WECC	CALN	AC	400-599	400-599	2250	6	2012 Imperial Valley	Suncrest	91 OH	T	S	1033	ACSR	3	0	1	16609	SDGE	I	100 Sunrise Po Under Con Variable/R Economics	
2010 US	WECC	CALN	AC	200-299	200-299	654	6	2011 SG&E/ID's	ImpelID's El Centro Sv	8 OH	NA	S	1033.5	ACSS	2	0	1	9216	IID	O	100 Imperial Vc Planned Reliability Variable/Renewable Integration	
2010 US	WECC	CALN	AC	200-299	200-299	654	6	2011 ID's Midway stati	8.5 miles west of	8.5 OH	NA	S	1590	ACSR	NA	0	1	9216	IID	O	100 Midway -B Planned Variable/Renewable Integration	
2010 US	WECC	CALS	AC	400-599	400-599	2000	1	2015 Eagle Mtn. CA	Devers	70 OH								17609	GEE LLC	I	100 GEET 1 Conceptua Variable/R Economics or Congestion	
2010 US	WECC	CALS	AC	400-599	400-599	1200	6	2015 Eldorado, NV	Iron Mtn. CA	175 OH									17609	GEE LLC	I	100 GEET 2 Conceptua Variable/R Economics or Congestion
2010 US	WECC	CALS	AC	400-599	400-599	1200	6	2015 Iron Mtn. CA	Devers	100 OH									17609	GEE LLC	I	100 GEET 2 Conceptua Variable/R Economics or Congestion
2010 US	WECC	CALS	DC	400-599	400-599	2000	6	2015 Devers, CA	M. Loma, CA	60 UG									17609	GEE LLC	I	100 GEET 3 Conceptua Variable/R Economics or Congestion
2010 US	WECC	DSW	AC	400-599	400-599	3585	6	2011 Las Vegas NV	Las Vegas NV	1 OH	T	S	1590	ACSR	3	1	1	13407	NEVP	I	100 Harry Allen Under Con Fossil-Fired Integration	
2010 US	WECC	DSW	AC	200-299	200-299	1200	6	2018 Las Vegas NV	Las Vegas NV	1 OH	T	S	954	ACSR	2	2	2	13407	NEVP	I	100 Sunrise 50 Planned Economics or Congestion	
2010 US	WECC	DSW	AC	200-299	200-299	1200	6	2018 Las Vegas NV	Las Vegas NV	1 OH	T	S	954	ACSR	2	2	2	13407	NEVP	I	100 Sunrise 50 Planned Economics or Congestion	
2010 US	WECC	DSW	AC	200-299	200-299	810	6	2018 Las Vegas NV	Las Vegas NV	18 OH	T	S	954	ACSR	2	1	1	13407	NEVP	I	100 Sunrise 50 Planned Economics or Congestion	
2010 US	WECC	DSW	AC	200-299	200-299	810	6	2018 Las Vegas NV	Las Vegas NV	18 OH	T	S	954	ACSR	2	1	1	13407	NE			

2010 US	WECC	DSW	AC	200-299	200-299	1200	6	2014 West Phoenix AZ	West Phoenix AZ	15 OH					803	APS	I	100 Sun Valley Planned	Economics Reliability					
2010 US	WECC	DSW	AC	400-599	400-599	1200	6	2014 Wintersburg AZ	Yuma AZ	115 OH					803	APS	I	40 Palo Verde Planned	Economics Reliability					
2010 US	WECC	DSW	AC	200-299	200-299	1200	6	2015 West Phoenix AZ	West Phoenix AZ	12 OH					803	APS	I	100 TSS- Palm Planned	Economics Reliability					
2010 US	WECC	DSW	AC	200-299	200-299	1200	6	2015 West Phoenix AZ	West Phoenix AZ	12 OH					803	APS	I	100 TSS- Trian Planned	Economics Reliability					
2010 US	WECC	DSW	AC	400-599	400-599	1200	6	2016 Northwest of Pho	Peoria AZ	40 OH					803	APS	I	80 Sun Valley Planned	Economics Reliability					
2010 US	WECC	DSW	AC	400-599	400-599		6	2014 Northwest of Pho	West Phoenix AZ	28 OH					803	APS	I	80 Delany - St Planned	Economics Reliability					
2010 US	WECC	DSW	AC	200-299	200-299		6	2014 Yuma AZ	Yuma AZ	11 OH					803	APS	I	100 North Gila Planned	Economics Reliability					
2010 US	WECC	DSW	AC	400-599	400-599	1300	4	2014 Four Corners NM	Red Mesa AZ	189 OH						DPA	O	10 Navajo Tra Conceptua	Fossil-Fire Variable/Renewable Integration					
2010 US	WECC	DSW	AC	400-599	400-599	1300	6	2014 Moenkopi AZ	Marketplace NV	218 OH						DPA	O	10 Navajo Tra Conceptua	Variable/R Fossil-Fired Integration					
2010 US	WECC	DSW	AC	400-599	400-599	1300	12	2014 Red Mesa AZ	Moenkopi AZ	62 OH								O	10 Navajo Tra Conceptua	Fossil-Fire Variable/Renewable Integration				
2010 US	WECC	DSW	AC	400-599	400-599	1405	5	2011 Coolidge, AZ	Mesa, AZ	0									16572	SRP	S	100 Southeast Planned	Reliability	
2010 US	WECC	DSW	AC	200-299	200-299	875	6	2011 Coolidge, AZ	Florence, AZ	30									16572	SRP	S	100 Pinal Centl Planned	Reliability	
2010 US	WECC	DSW	AC	200-299	200-299	875	6	2011 Florence, AZ	Queen Creek, AZ	13									16572	SRP	S	100 Abel to Din Planned	Reliability	
2010 US	WECC	DSW	AC	200-299	400-599	1405	5	2014 Maricopa AZ	Mesa AZ	87									16572	SRP	S	100 Southeast Planned	Reliability	
2010 US	WECC	DSW	AC	200-299	400-599	1405	5	2014 Maricopa AZ	Mesa AZ	87									16572	SRP	S	100 Southeast Planned	Reliability	
2010 US	WECC	DSW	AC	200-299	200-299	875	6	2019 Queen Creek AZ	Florence AZ	10									16572	SRP	S	100 Dinosaur L Planned	Reliability	
2010 US	WECC	DSW	AC	200-299	200-299	875	6	2019 Gilbert AZ	Queen Creek AZ	8									16572	SRP	S	100 Ball to Pfisi Conceptua	Reliability	
2010 US	WECC	DSW	AC	200-299	200-299	875	6	2014 Queen Creek AZ	Florence AZ	12									16572	SRP	S	100 Pfister to A Conceptua	Reliability	
2010 US	WECC	DSW	AC	200-299	200-299	833	5	2014 Casa Grande, AZ	Coolidge AZ	21									16572	SRP	S	100 Desert Bas Planned	Reliability	
2010 US	WECC	DSW	AC	400-599	400-599	1405	5	2013 Maricopa AZ	Coolidge, AZ										16572	SRP	S	100 Southeast Planned	Reliability	
2010 US	WECC	DSW	AC	400-599	400-599	1500	6	2013 Mobile AL	Maricopa AZ	13									16572	SRP	S	63.46 Southwest Planned	Reliability	
2010 US	WECC	DSW	AC	400-599	400-599	3000	1	2015 Corona, NM	Coolidge AZ	500 OH	O	S	1590	ACSR	3	1	1			16572	SRP	S	SUNZ/A S/Planned	Variable/R Variable/Renewable Integration
2010 US	WECC	DSW	AC	200-299	200-299	613	9	2012 Shiprock, NM	La Plata County,	40 OH	T	S	1272	ACSR	1	1	2	20151	TSGT	C	100 Shiprock-K Planned	Reliability		
2010 US	WECC	DSW	AC	100-120	100-120	232	12	2014 Dulce, NM	Navajo Lake Stat	38 OH	W	W	795	ACSR	1	1	1	20151	TSGT	C	100 Dulce-Nav Conceptua	Reliability		
2010 US	WECC	DSW	AC	100-120	100-120	166	12	2016 Elephant Butte, N	Las Cruces, NM	63 OH	W	W	477	ACSR	1	1	1	20151	TSGT	C	100 Elephant B Conceptua	Reliability		
2010 US	WECC	DSW	AC	100-120	100-120	105	5	2011 CaballoT	Hot_Sprg	OH	P	W						20151	TSGT	C	100 Caballo-Hc Under Con	Reliability		
2010 US	WECC	DSW	AC	100-120	100-120	12	12	2013 CaballoT	Mimbres	OH								20151	TSGT	C	100 Caballo-M Planned	Reliability		
2010 US	WECC	DSW	AC	100-120	100-120	95	5	2011 Alamogordo	Holloman	5 OH	H	W	795	ACSR	1	1	1	15473	PNM	I	100 Alamogordo Under Con	Reliability		
2010 US	WECC	DSW	AC	300-399	300-399	270	5	2011 West Mesa	B-A	OH								15473	PNM	I	100 Rio Puerco Under Con	Reliability		
2010 US	WECC	DSW	AC	300-399	300-399		12	2013 San Juan	B-A	OH								15473	PNM	I	100 Rio Puerco Planned	Reliability		
2010 US	WECC	DSW	AC	100-120	100-120	200	12	2012 North	Montano	2.3 OH	P	S	795	ACSR	1	1	1	15473	PNM	I	100 Sandia-No Conceptua	Reliability		
2010 US	WECC	DSW	AC	100-120	100-120	285	6	2015 Norton	STA	12 OH	P	S	1272	ACSR	2	1	2	11204	GCPD	O	100 Los Alamos Conceptua	Economics Other		
2010 US	WECC	NORW	AC	200-299	200-299	797	11	2013 Columbia	Larson	30.53 OH	H	S	1272	ACSR	2	1	1	14624	GCPD	O	100 Columbia F Conceptua	Economics Reliability		
2010 US	WECC	NORW	AC	100-120	100-120	202	12	2014 Rocky Ford	Sigsbee (Dover)	8.5 OH	H	W	795	ACSS	1	1	1	14624	GCPD	O	100 Rocky Ford Conceptua	Other Reliability		
2010 US	WECC	NORW	AC	200-299	200-299	797	12	2018 Wanapum	Midway	23.9 OH	S	S	1272	ACSR	2	1	1	14624	GCPD	O	100 Wanapum Conceptua	Reliability		
2010 US	WECC	NORW	AC	200-299	200-299	600	4	2012 O'Banion CA	Elverta CA	26 OH	P	S	954	ACSR	2	2	2	27000	WANSN	F	100 O'Banion - Planned	Reliability		
2010 US	WECC	NORW	AC	400-599	400-599		12	2016 Sekirk BC	NEO	750 OH								14328	PG&E	I	51 Canada/Pa Conceptua	Variable/R Variable/Renewable Integration		
2010 US	WECC	NORW	AC	200-299	200-299	418	6	2017 Blue Lake	Gresham	4.2 OH	P	S	1272	ACSS	1	0	1	15248	PGN	I	100 Blue Lake - Planned	Economics Economics or Congestion		
2010 US	WECC	NORW	AC	200-299	200-299	697	6	2012 Horizon	Keeler	1 OH	P	S	1272	ACSS	1	0	1	15248	PGN	I	100 Horizon Pn Planned	Economics Economics or Congestion		
2010 US	WECC	NORW	AC	200-299	200-299	500	1	2015 Trojan	Horizon	40 OH	P	S	1272	ACSS	1	1	1	15248	PGN	I	100 Trojan - Hc Planned	Economics Economics or Congestion		
2010 US	WECC	NORW	AC	400-599	400-599	1500	4	2015 Coyote Springs	Bethel	200 OH	T	S	ACSR	3	1	2	15248	PGN	I	100 Cascade Cp Planned	Variable/R Fossil-Fired Integration			
2010 US	WECC	NORW	AC	100-120	100-120	185	12	2011 McKenzie	Wenatchee Tap	10.5 OH	H	S	636	ACSR	1	1	1	3413	CHPD	M	100 McKenzie-Planned	Reliability		
2010 US	WECC	NORW	AC	100-120	100-120	281	12	2012 Entiat	Crum Canyon	7.5 OH	P	S	1272	ACSR	1	1	1	3413	CHPD	M	100 Entiat Valle Planned	Other		
2010 US	WECC	NORW	AC	400-599	400-599	3420	2	2012 Umattila, OR	Rufus, OR	79 OH	T	S	3-1.3 inch	ACSR	3	1	1	1738	BPA	F	100 McNary-Jo Under Con	Variable/R Economics or Congestion		
2010 US	WECC	NORW	AC	400-599	400-599		2	2013 The Dalles, OR	Goldendale, WA	28 OH									1738	BPA	F	100 Big Eddy-S Planned	Variable/R Economics or Congestion	
2010 US	WECC	NORW	AC	400-599	400-599		9	2013 Croye, WA	Central Ferry, W	38 OH									1738	BPA	F	100 Lower Mon Planned	Variable/R Economics or Congestion	
2010 US	WECC	NORW	AC	400-599	400-599		12	2015 Castle Rock, WA	Trousdale, OR	32 OH									1738	BPA	F	100 Castle Rock Planned	Economics or Congestion	
2010 US	WECC	NORW	AC	121-150	121-150		12	2014 Caribu County, IL	Caribu County, IL	32 OH		W							11273	Lower Valley	C	100 Hooper Sp Planned	Reliability	
2010 US	WECC	NORW	AC	400-599	400-599	1500	1	2015 Townsend MT	Midpoint, ID	460 OH									13902	NWMT	I	100 Mountain S Planned	Variable/R Economics or Congestion	
2010 US	WECC	NORW	AC	100-120	100-120	150	12	2012 New Bowdoin Su	Pump Station No	48 OH	P	W	556	ACSR	1	1	1	40301	CMEPC	C	100 Pump Stati Planned	Reliability		
2010 US	WECC	NORW	AC	100-120	100-120	180	6	2011 Rapids Switchyar	South Nile Substi	6 OH	P	W	795	ACSS	1	1	2	5326	DOPD	M	100 Rapids-So Under Con	Reliability		
2010 US	WECC	NORW	AC	100-120	100-120	100	12	2012 Palisades Substa	Castle Substation	5 OH	P	W	336	ACSR	1	1	1	5326	DOPD	M	100 Palisades-Conceptua	Other		
2010 US	WECC	NORW	AC	200-299	200-299	555	12	2013 Douglas Switchy	Roads Switchyar	15 OH	H	S	1590	ACSR	1	1	1	5326	DOPD	M	100 Douglas R Planned	Reliability		
2010 US	WECC	NORW	AC	100-120	100-120	100	12	2012 Watson Draw	Taj Gold Creek Subs	13.68 OH	H	S	336	ACSR	1	1	1	5286	OKPD	M	100 So. Paterno-Planned	Reliability		
2010 US	WECC	NORW	AC	100-120	100-120	100	12	2012 Gold Creek Subs	Twisp Switchyard	14.48 OH	H	B	336	ACSR	1	1	1	5286	OKPD	M	100 No. Paterno Planned	Reliability		
2010 US	WECC	NORW	AC	100-120	100-120	100	12	2013 Tonasket Switchy	Aeneas Substatic	16.05 OH	P	W	336	ACSR	1	1	1	5286	OKPD	M	100 Tonasket/Conceptua	Reliability		
2010 US	WECC	NORW	AC	121-150	300-399	600	5	2019 Central, UT	St.George,UT	-40 OH	T	S	1272	ACSR	2	2	2	14354	PACE	I	100 Red Butte/ Planned	Economics Reliability		
2010 US	WECC	NORW	AC	300-399	300-399	600	5	2019 Central, UT	St.George,UT	40 OH	T	S	1272	ACSR	2	2	2	14354	PACE	I	100 Red Butte/ Planned	Economics Reliability		
2010 US	WECC	NORW	AC	300-399	300-399	1398	6	2011 South Jordan, UT	SJLC, UT	0 OH									14354	PACE	I	100 Camp Will Under Con	Economics Reliability	
2010 US	WECC	NORW	AC	300-399	300-399	1163	6	2014 Sigurd, UT	Central, UT	165 OH	T	S	954	ACSR	2	1	1	14354	PACE	I	100 Sigurd-Ret Planned	Economics Reliability		
2010 US	WECC	NORW	AC	400-599	400-599	3681.5	6	2018 Carbon County, V	Mona, UT	400 OH	T	S	1949.6	ACSR	3	1	1</							

2010 US	WECC	NORW	AC	100-120	100-120	314	11	2017 Sumner WA	Auburn WA	2.5 OH				1272	ACSR		15500	PSE	I	100 South KingPlanned	Reliability	
2010 US	WECC	NORW	AC	100-120	100-120	314	11	2017 Sumner WA	Auburn WA	2.3 OH				1272	ACSR		15500	PSE	I	100 South KingPlanned	Reliability	
2010 US	WECC	NORW	AC	100-120	100-120	314	11	2016 Berrydale WA	Snoqualmie WA	10 OH				1272	ACSR		15500	PSE	I	100 King CourtPlanned	Reliability	
2010 US	WECC	NORW	AC	100-120	100-120	314	11	2016 Sunnas WA	Everson WA	10 OH				1272	ACSR		15500	PSE	I	100 Whatcom Planned	Reliability	
2010 US	WECC	NORW	AC	100-120	200-299		11	2016 Renton WA	Bellevue WA	7 OH				1272	ACSR		15500	PSE	I	100 King CourtPlanned	Reliability	
2010 US	WECC	NORW	AC	100-120	200-299		11	2018 Manchester WA	Poulsbo WA	15 OH							15500	PSE	I	100 Kitsap CouPlanned	Reliability	
2010 US	WECC	NORW	AC	200-299	200-299		11	2015 Sammamish WA	Renton WA	16 OH							15500	PSE	I	100 King CourtPlanned	Reliability	
2010 US	WECC	NORW	AC	100-120	100-120		11	2015 Kenmore WA	Kirkland WA	4 OH					ACSR		15500	PSE	I	100 King CourtPlanned	Reliability	
2010 US	WECC	NORW	AC	200-299	200-299		10	2013 Lacey WA	Lacey WA	10 OH							15500	PSE	I	100 Thurston CPlanned	Reliability	
2010 US	WECC	ROCK	AC	100-120	100-120	331	10	2015 Alcova, WY	Miracle Mile (Wet	24.1 OH	H	W	795	ACSS	1	1	27000	WACM	F	100 Central WyPlanned	Reliability Variable/Renewable Integration	
2010 US	WECC	ROCK	AC	100-120	100-120	331	10	2016 Alcova, WY	Casper (South), I	28.6 OH	H	W	795	ACSS	1	1	27000	WACM	F	100 Central WyPlanned	Reliability Variable/Renewable Integration	
2010 US	WECC	ROCK	AC	100-120	100-120	331	10	2017 Casper (South) V	Glendo	31.25 OH	H	W	795	ACSS	1	1	27000	WACM	F	100 Central WyPlanned	Reliability Variable/Renewable Integration	
2010 US	WECC	ROCK	AC	100-120	100-120	331	10	2018 Alcova, WY	Miracle Mile (Eas	24.1 OH	H	W	795	ACSS	1	1	27000	WACM	F	100 Central WyPlanned	Reliability Variable/Renewable Integration	
2010 US	WECC	ROCK	AC	100-120	100-120	331	10	2019 Alcova, WY	Casper (North), V	28.6 OH	H	W	795	ACSS	1	1	27000	WACM	F	100 Central WyPlanned	Reliability Variable/Renewable Integration	
2010 US	WECC	ROCK	AC	100-120	100-120	331	10	2018 Casper (North), V	Glendo	37.5 OH	H	W	795	ACSS	1	1	27000	WACM	F	100 Central WyPlanned	Reliability Variable/Renewable Integration	
2010 US	WECC	ROCK	AC	100-120	100-120	331	10	2012 Lovell, WY	Yellowtail, MT	46.9 OH	H	W	795	ACSS	1	1	27000	WACM	F	100 Lovell - Ya Planned	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	100-120	100-120	239	10	2013 Lovell, WY	Basin, WY	38.6 OH	H	W	477	ACSS	1	1	27000	WACM	F	100 Lovell - BaPlanned	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	200-299	200-299		10	2012 Craig, CO	Rifle, CO	98.4 OH							27000	WACM	F	100 Craig-Rifle Planned	Reliability	
2010 US	WECC	ROCK	AC	100-120	100-120		10	2014 Estes Park, CO	Flatiron, CO	16.7 OH							27000	WACM	F	100 Estes-Flat Planned	Reliability	
2010 US	WECC	ROCK	AC	200-299	200-299	554	12	2015 Osage 230 kV Bu	Lange 230 kV Bu	75 OH	P	W	1272	ACSR	1	1	19545	BHP	I	100 Osage-LanPlanned	Reliability	
2010 US	WECC	ROCK	AC	200-299	200-299	554	12	2014 Teckla 230 kV Bu	Osage 230 kV Bu	60 OH	P	W	1272	ACSR	1	1	19545	BHP	I	100 Teckla-Osi Planned	Reliability	
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2011 Starr Nelson CO	Garnet Mesa CC	15 OH	P / H	W	477	ACSR	1	1	30151	TSGT	C	100 Delta Cour Under Con	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	100-120	100-120	166	3	2011 Richard Lake CC	Wellington CO	8 OH	P	W	477	ACSR	1	1	30151	TSGT	C	100 Richard La Under Con	Reliability Other	
2010 US	WECC	ROCK	AC	300-399	300-399	1200	5	2011 Midway CO	Waterton CO	82 OH							15466	PSC	I	100 Midway to Planned	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	300-399	300-399	1733	5	2017 Comanche CO	Missile Site CO	660 OH							15466	PSC	I	Lamar - FrPlanned	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	300-399	300-399	735	5	2013 Pawnee CO	Smoky Hill CO	96 OH							15466	PSC	I	100 Pawnee-SiPlanned	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	100-120	100-120		9	2011 Fordham	Fort St. Vrain	-5.0 OH							15143	PRPA	M	100 Fort St.Vra Under Con	Reliability	
2010 US	WECC	ROCK	AC	100-120	100-120		9	2011 Fordham	Fort St. Vrain	-2.3 UG							15143	PRPA	M	100 Fort St.Vra Under Con	Reliability	
2010 US	WECC	ROCK	AC	200-299	200-299	398	9	2011 Fordham	Fort St. Vrain	27.6 OH	P	S	954	ACSR	1	2	2	15143	PRPA	M	100 Fort St.Vra Under Con	Reliability
2010 US	WECC	ROCK	AC	200-299	200-299	398	9	2011 Fordham	Fort St. Vrain	15.2 UG			2500	CU			15143	PRPA	M	100 Fort St.Vra Under Con	Reliability	
2010 US	WECC	ROCK	AC	200-299	200-299	472	5	2012 Fort Collins CO	Loveland CO	2.4 UG			2000	CU			15143	PRPA	M	100 Dixon - Ho Under Con	Reliability	
2010 US	WECC	ROCK	AC	200-299	200-299	472	5	2012 Fort Collins CO	Loveland CO	6.9 OH	P	S	954	ACSR	1	2	2	15143	PRPA	M	100 Dixon - Ho Under Con	Reliability
2010 US	WECC	ROCK	AC	100-120	100-120		5	2012 Fort Collins CO	Loveland CO	-6.9 OH							15143	PRPA	M	0 Dixon - Ho Under Con	Reliability	
2010 US	WECC	ROCK	AC	100-120	200-299	222	12	2011 Baculite Mesa 11	West Station 115	14 OH	P	S	1272	ACSR	1	2	2	56146	BHCE	I	100 Baculite M Under Con	Fossil-Fire Reliability
2010 US	WECC	ROCK	AC	100-120	100-120	222	12	2013 West Station 115	Portland 115 kV I	16 OH	P	W	795	ACSR	1	1	1	56146	BHCE	I	100 West StatiPlanned	Reliability
2010 US	WECC	ROCK	AC	100-120	100-120	222	12	2013 La Junta BHCE 1	La Junta TSGT 1	1 OH	P	W	795	ACSR	1	1	1	56146	BHCE	I	50 La Junta InPlanned	Reliability
2010 US	WECC	ROCK	AC	100-120	100-120	222	12	2011 Pueblo CO	Pueblo CO	3 OH	H	W	795	ACSR	1	1	1	1415	BHCE	I	100 Airport Ind Under Con	Reliability Fossil-Fired Integration
2010 US	WECC	ROCK	AC	100-120	100-120	222	12	2011 Pueblo CO	Pueblo CO	2 OH	H	W	795	ACSR	1	1	1	1415	BHCE	I	100 Baculite M Under Con	Reliability Fossil-Fired Integration
2010 US	WECC	ROCK	AC	100-120	200-299	222	12	2011 Pueblo CO	Pueblo CO	11 OH	P	S	1272	ACSR	1	2	2	1415	BHCE	I	100 Baculite M Under Con	Reliability Fossil-Fired Integration
2010 US	WECC	ROCK	AC	100-120	200-299	222	12	2011 Pueblo CO	Pueblo CO	7 OH	P	S	1272	ACSR	1	1	2	1415	BHCE	I	100 Baculite M Under Con	Reliability Fossil-Fired Integration
2010 US	WECC	ROCK	AC	200-299	200-299	558	12	2015 Osage WY	Rapid City SD	65 OH	H	W	1272	ACSR	1	1	1	19545	BHP	I	100 Osage-LanPlanned	Reliability
2010 US	WECC	ROCK	AC	200-299	200-299	558	12	2013 Teckla WY	Osage WY	70 OH	H	W	1272	ACSR	1	1	1	19545	BHP	I	100 Teckla-OsiPlanned	Reliability
2010 US	WECC	ROCK	AC	200-299	300-399	613	9	2013 Alamosa County,	Huerfano County	93 OH	T	S	1272	ACSR	1	2	2	30151	TSGT	C	40 San Luis V Planned	Reliability Variable/Renewable Integration
2010 US	WECC	ROCK	AC	300-399	300-399	1700	9	2013 Huerfano County	Pueblo, CO	43 OH	T	S	1272	ACSR	1	2	2	30151	TSGT	C	40 Calumet-C Planned	Reliability Variable/Renewable Integration
2010 US	WECC	ROCK	AC	200-299	200-299	613	9	2013 Huerfano County	Pueblo, CO	7 OH	T	S	477	ACSR	1	1	1	30151	TSGT	C	40 Calumet-V Planned	Reliability Variable/Renewable Integration
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2011 Reunion, CO	Brighton, CO	5 OH	T	S	477	ACSR	1	1	1	30151	TSGT	C	100 Reunion-P Planned	Reliability Economics or Congestion
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2012 Brighton, CO	Brighton, CO	4 OH	T	S	477	ACSR	1	1	1	30151	TSGT	C	100 Bromley-P Planned	Reliability Economics or Congestion
2010 US	WECC	ROCK	AC	200-299	200-299	613	12	2012 Burlington, CO	Wray, CO	56 OH							30151	TSGT	C	100 Burlington-Planned	Economics Reliability	
2010 US	WECC	ROCK	AC	200-299	200-299	613	9	2012 Archuleta County	Durango CO	29 OH							30151	TSGT	C	100 Kiffen CanPlanned	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	200-299	200-299	613	9	2012 Shiprock, NM	La Plata County,	40 OH	T	S	1272	ACSR	1	1	2	30151	TSGT	C	100 Shiprock-GPlanned	Reliability Economics or Congestion
2010 US	WECC	ROCK	AC	200-299	200-299	613	12	2013 Cheyenne, WY	Cheyenne, WY	10 OH	T	S	1272	ACSR	1	2	2	30151	TSGT	C	100 Arrow-ArchPlanned	Reliability Economics or Congestion
2010 US	WECC	ROCK	AC	100-120	100-120	232	12	2012 Dulce, NM	Navajo Lake Stat	36 OH							30151	TSGT	C	100 Dulce-Nav Conceptua	Reliability Hydro Integration	
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2016 Elephant Butte,	N Las Cruces, NM	63 OH							30151	TSGT	C	100 Elephant B Conceptua	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2016 Pagosa Springs,	To Be Determine	37 OH							30151	TSGT	C	50 Pagosa-igr Conceptua	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2016 Montrose, CO	Montrose County	8 OH							30151	TSGT	C	50 East Mont Conceptua	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2012 Nucla	Norwood	19.9 OH	P	W	477	ACSR	1	1	1	30151	TSGT	C	100 Nucla - Tel Planned	Reliability Economics or Congestion
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2012 Norwood	Sunshine	10 UG	U	W	477	AL			30151	TSGT	C	100 Nucla - Tel Planned	Reliability Economics or Congestion	
2010 US	WECC	ROCK	AC	100-120	100-120	166	12	2012 Norwood	Sunshine	20.4 OH	P	W	477	ACSR	1	1	1	30151	TSGT	C	100 Nucla - Tel Planned	Reliability Economics or Congestion
2010 US	WECC	ROCK	AC	100-120	100-120	166	6	2012 Yuma County, C	To Be Determine	20 OH							30151	TSGT	C	100 Oneok 115Planned	Reliability Variable/Renewable Integration	

Footnotes and Source

Notes: • NERC region and reliability assessment area maps are provided on EIA's Electricity Reliability web page:

<http://www.eia.gov/cneaf/electricity/page/eia411/eia411.html>

- Projected data are updated annually.
- Information identified for reliability purposes by NERC.
- **Line Type:** OH=Overhead; UG=Underground; SM=Submarine.
- **Voltage Type:** AC=Alternating Current; DC=Direct Current.
- **Conductor Material Type:** AL=Aluminum; ACCR=Aluminum Composite Conductor Reinforced; ACSR=Aluminum Core Steel Reinforced; CU=Copper; OT=Other.
- **Bundling Arrangement:** 1=Single; 2=Double; 3=Triple;4=Quadruple; OT=Other.
- **Pole Material:** W=Wood; C=Concrete; S=Steel; B=Combination; P=Composite;O=Other.
- **Pole Type:** P=Single pole; H=H-frame; T=tower; U=Underground; O=Other.
- **MVA:** A unit of measure that is defined as "millions of volt-amperes".
- **MCM:** A unit of measure that is defined as "thousands of circular mils".
- **Has Not Been Determined:** Non-standard reporting by a company where this company does not know all the details and they report only what is known.
- **Negative Transmission Line Length:** Usage of a negative value equates to transmission line mileage taken out of service and represents alterations where part of the power system was shortened.
- **Zero Transmission Mileage:** Information reported covers planned and conceptual projects. Where the company does not know all the details, they report only what is known.
- Company names and reference abbreviations are from the NERC usage. Source reference for codes is found at: <http://www.nerc.com/page.php?cid=3|25>. This also holds for the ownership codes and linkage to EIA company codes.

Source: U.S. Energy Information Administration, Form EIA-411, "Coordinated Bulk Power Supply and Demand Program Report."