

Table 6. Proposed high-voltage transmission line additions filed covering calendar Year 2016, by North American Electric Reliability Corporation, 2016 through 2028

Data Year	NERC Region	Project Status	Voltage Class (kV)	Design (kV)	Capacity Rating (MVA)	In-Service Month/Year	Electrical Connection					Company Information		Project Information	
							From Terminal	To Terminal	Length (Circuit Miles)	Type	Company Name	Organizational Type	Primary Driver 1	Primary Driver 2	
2016	ERCOT	Planned	121-150	138	409	06-2018	38001	1013	6.1	OH	TNMP	I	Reliability		
2016	ERCOT	Planned	121-150	138	409	06-2018	12.89 Line Miles West by South	Wickett 138kV (Terminal Ori	12.9	OH	TNMP	I	Reliability		
2016	ERCOT	Planned	121-150	138	409	03-2018	10.6 miles Southeast from Tow	5.7 miles South by Southeast	15.4	OH	TNMP	I	Reliability	Other	
2016	ERCOT	Under Construction	121-150	138	409	11-2017	Southside of Pecos	10.6 miles Southeast from T	11.0	OH	TNMP	I	Reliability	Variable/Renewable Integration	
2016	ERCOT	Delayed - Load Growth	121-150	138	240	06-2024	Oaks	Loxley	6.0	OH	STEC	C	Reliability	Variable/Renewable Integration	
2016	ERCOT	Planned	121-150	138	376	08-2018	Tall City	Glass Ranch	10.0	OH	SLU	I	Reliability	Variable/Renewable Integration	
2016	ERCOT	Planned	121-150	138	376	12-2018	Rocky Rd	Coates	7.0	OH	SLU	I	Reliability	Variable/Renewable Integration	
2016	ERCOT	Under Construction	121-150	138	326	06-2017	North Main Tap	North Main Switch	4.4	OH	ONCOR	I	Other	Economic/Congestion	
2016	ERCOT	Under Construction	121-150	138	614	06-2017	McKenzie Draw	Paul Davis Tap	12.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Under Construction	121-150	138	614	06-2017	McKenzie Draw	Texaco Mabee	10.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Under Construction	121-150	138	495	12-2017	Krugerville	Arco (TMPA)	5.7	OH	ONCOR	I	Reliability		
2016	ERCOT	Under Construction	121-150	138	614	12-2017	Barstow NW	Culbertson	53.8	OH	ONCOR	I	Reliability	Economic/Congestion	
2016	ERCOT	Under Construction	121-150	138	614	12-2017	Roanoke Switch	Elizabeth Creek	3.8	OH	ONCOR	I	Reliability	Economic/Congestion	
2016	ERCOT	Under Construction	121-150	138	614	12-2017	Texaco Mabee Tap	Texaco Mabee	11.4	OH	ONCOR	I	Reliability		
2016	ERCOT	Planned	121-150	138	614	12-2017	Wink	Culbertson	54.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Planned	121-150	138	614	05-2018	Wink	Yukon	36.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Conceptual	121-150	138	394	12-2018	Littman	Fullerton	10.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Conceptual	121-150	138	394	05-2020	Cresson	Rocky Creek	3.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Conceptual	300-399	345	1971	05-2020	Nacogdoches Southeast	Herty North	13.4	OH	ONCOR	I	Reliability		
2016	ERCOT	Conceptual	300-399	345	1971	05-2020	Lufkin Sw. Sta	Herty North Sw. Sta.	8.1	OH	ONCOR	I	Reliability		
2016	ERCOT	Conceptual	121-150	138	214	05-2019	Lamar Blossom	Paris East Tap	10.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Conceptual	121-150	138	614	05-2019	Shamburger North	Shamburger	10.0	OH	ONCOR	I	Reliability	Economic/Congestion	
2016	ERCOT	Conceptual	121-150	138	765	05-2020	Riverton	Sand Lake	25.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Conceptual	300-399	345	1912	05-2020	Riverton	Odessa EHV	85.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Conceptual	300-399	345	1912	07-2020	Riverton	Solstice	66.0	OH	ONCOR	I	Reliability		
2016	ERCOT	Planned	121-150	138	449	10-2017	North McCamey	LCRA Crane	1.6	OH	LCRATSC	S	Variable/Renewable Integration		
2016	ERCOT	Planned	121-150	138	129	10-2018	Blumenthal	Kendall CTEC-Mountain Top	12.8	OH	LCRATSC	S	Reliability		
2016	ERCOT	Planned	300-399	345	1959	05-2019	Zorn	Marion	18.0	OH	LCRATSC	S	Reliability		
2016	ERCOT	Planned	121-150	138	446	10-2019	Leander	Round Rock	13.0	OH	LCRATSC	S	Reliability		
2016	ERCOT	Planned	121-150	138	440	05-2021	Cooks Point	Lyle Wolz	16.7	OH	LCRATSC	S	Reliability		
2016	ERCOT	Planned	121-150	138	220	11-2021	Harper	Hunt	19.0	OH	LCRATSC	S	Reliability	Economic/Congestion	
2016	ERCOT	Conceptual	300-399	345	1959	05-2024	Gilleland Creek	Clear Springs	4.0	OH	LCRATSC	S	Reliability	Variable/Renewable Integration	
2016	ERCOT	Under Construction	121-150	138	220	06-2017	Gillett	Nopal	10.4	OH	GVEC	C	Reliability		
2016	ERCOT	Planned	121-150	138	280	09-2019	Marion	Cibolo	4.8	OH	GVEC	C	Economics/Congestion	Variable/Renewable Integration	
2016	ERCOT	Under Construction	121-150	138	876	03-2017	Nelson Sharpe	Santa Cruz	6.0	OH	ETT	I	Variable/Renewable Integration		
2016	ERCOT	Under Construction	121-150	138	534	08-2017	BARNEY DAVIS	NAVAL BASE	7.0	OH	ETT	I	Reliability		
2016	ERCOT	Under Construction	300-399	345	717	11-2018	Bakersfield	Red Barn	2.4	OH	ETT	I	Variable/Renewable Integration		
2016	ERCOT	Under Construction	121-150	138	1063	06-2017	Esmeralda	Yucca	13.0	OH	AEP	I	Reliability		
2016	ERCOT	Planned	121-150	138	478	05-2017	Sierra Vista	Sierra Vista Tap	1.8	OH	AEP	I	Reliability		
2016	ERCOT	Under Construction	121-150	138	534	06-2017	MCCOLL ROAD & NORTH MCAI	PHARR	2.2	OH	AEP	I	Reliability		
2016	ERCOT	Under Construction	121-150	138	484	12-2017	Cassava	Yucca	12.3	OH	AEP	I	Reliability		
2016	ERCOT	Planned	121-150	138	534	02-2018	Airline	Holly	1.7	OH	AEP	I	Reliability		
2016	ERCOT	Planned	121-150	138	278	12-2018	Solstice	Clovis	4.5	OH	AEP	I	Variable/Renewable Integration		
2016	ERCOT	Planned	121-150	138	478	06-2018	Melon Creek	Melon Creek	3.0	OH	AEP	I	Reliability		
2016	ERCOT	Under Construction	121-150	138	534	12-2018	COLETO CREEK	TULETA	56.0	OH	AEP	I	Reliability		
2016	ERCOT	Planned	121-150	138	478	12-2018	Champlin	Valero East	1.6	OH	AEP	I	Reliability	Economic/Congestion	
2016	ERCOT	Planned	121-150	138	534	12-2018	Falfurrias	North Edinburg	7.5	OH	AEP	I	Fossil-Fired Integration	Economic/Congestion	
2016	ERCOT	Planned	300-399	345	1477	12-2019	Stewart Road	Stewart Road	5.0	OH	AEP	I	Reliability	Reliability	
2016	ERCOT	Planned	121-150	138	388	12-2019	Benjamin Tap	Katz (BC)	17.7	OH	AEP	I	Reliability	Economic/Congestion	
2016	ERCOT	Planned	121-150	138	534	04-2020	Borglum	Three Rivers	6.0	OH	AEP	I	Reliability	Economic/Congestion	
2016	ERCOT	Planned	121-150	138	534	06-2020	Brackettville	Escondido	45.0	OH	AEP	I	Reliability	Variable/Renewable Integration	
2016	ERCOT	Planned	121-150	138	534	07-2020	Borglum	Tuleta	23.5	OH	AEP	I	Reliability	Economic/Congestion	
2016	ERCOT	Planned	300-399	345	1057	08-2020	Bonilla	Ladekidde	20.0	OH	AEP	I	Variable/Renewable Integ	Other	
2016	ERCOT	Planned	121-150	138	483	12-2020	Benjamin	Tardis	1.7	OH	AEP	I	Reliability		
2016	ERCOT	Planned	300-399	345	2415	06-2022	Solstice	Bakersfield	59.0	OH	AEP	I	Reliability		
2016	ERCOT	Cancelled - Other (Corr	300-399	345	1062	06-2022	Lynx	Bakersfield	9.0	OH	AEP	I	Reliability		
2016	ERCOT	Planned	121-150	138	700	05-2019	Locust	Spencer Int.	1.9	OH	DENTON	M	Economics/Congestion		
2016	ERCOT	Under Construction	300-399	345	2989	05-2018	Limestone	Gibbons Creek	67.0	OH	CTT	I	Reliability	Reliability	
2016	ERCOT	Under Construction	121-150	138	441	06-2018	CAGNON	RAFTER	8.1	OH	CPS	M	Other		
2016	ERCOT	Delayed - Load Growth	121-150	138	469	06-2021	Masterson Rd.	Cagnon-Howard	20.0	OH	CPS	M	Other	Variable/Renewable Integration	
2016	ERCOT	Under Construction	121-150	138	838	05-2017	Zenith	Franz	6.4	OH	CNP	I	Reliability	Economic/Congestion	
2016	ERCOT	Under Construction	300-399	345	3147	05-2018	Gibbons Creek	Zenith	58.7	OH	CNP	I	Reliability		
2016	ERCOT	Planned	121-150	138	360	06-2018	Red Bluff	Terminal/Bayway	1.1	OH	CNP	I	Other		
2016	ERCOT	Planned	121-150	138	180	05-2019	Waller	Hockley/Peters	2.4	OH	CNP	I	Other	Economic/Congestion	
2016	ERCOT	Planned	121-150	138	495	09-2019	32857	32852	9.2	OH	BRYN	M	Reliability		
2016	ERCOT	Planned	121-150	138	495	09-2020	32853	32852	10.0	OH	BRYN	M	Reliability		
2016	ERCOT	Planned	121-150	138	237	12-2018	Salt Creek	Cogdell	20.0	OH	BEPC	C	Reliability		
2016	ERCOT	Planned	121-150	138	237	12-2018	Katz/Gyp	Benjamin/Tardis	18.0	OH	BEPC	C	Reliability		
2016	ERCOT	Delayed - Load Growth	121-150	138	710	05-2018	Gilleland Substation	Techridge Substation	8.0	OH	AEN	M	Reliability		
2016	ERCOT	Delayed - Load Growth	121-150	138	480	02-2019	Techridge Substation	Jollyville Substation	1.7	OH	AEN	M	Reliability		

2016	FRCC	Under Construction	121-150	138	287	06-2015	GRATIGNY 138.00	MEMORIAL 138.00	4.5	OH	Florida Powe	I	Reliability	
2016	FRCC	Completed	200-299	115	460	01-2016	SUB 4 230.00	SUB 7 230.00	3.8	OH	City of Tallah	M	Reliability	
2016	FRCC	Planned	100-120	115	209	07-2016	SUB 23 115.00	HOPKINS 115.00	2.9	OH	City of Tallah	M	Reliability	Reliability
2016	FRCC	Completed	200-299	230	919	11-2016	DEBARY 230.00	ORANGE CITY 230.00	5.8	OH	Duke Energy	I	Reliability	Reliability
2016	FRCC	Under Construction	200-299	230	1260	05-2017	MYRTLE LAKE 230.00	N LONGWOOD 230.00	3.1	OH	Duke Energy	I	Reliability	Reliability
2016	FRCC	Completed	200-299	230	1195	12-2016	ORANGE RIVER 230.00	BUCKINGHAM 230.00	2.5	OH	Florida Powe	I	Reliability	Economic/Congestion
2016	FRCC	Completed	200-299	230	1111	12-2016	ST LUCIE 230.00	TURNPIKE 230.00	15.1	UG	Florida Powe	I	Reliability	Economic/Congestion
2016	FRCC	Completed	200-299	230	729	12-2016	Big Bend	Aspen	11.4	OH	Tampa Electr	I	Fossil-Fired Integration	Other
2016	FRCC	Completed	200-299	230	1119	01-2017	Davis	Chapman	8.0	OH	Tampa Electr	I	Fossil-Fired Integration	Economic/Congestion
2016	FRCC	Completed	100-120	115	392	05-2017	GOLDENACR TP 115.00	HUDSN TP B 115.00	4.5	OH	Duke Energy	I	Reliability	Economic/Congestion
2016	FRCC	Completed	100-120	115	392	05-2017	GOLDENACR TP 115.00	NEW TP RICHY 115.00	2.6	OH	Duke Energy	I	Reliability	Reliability
2016	FRCC	Under Construction	200-299	230	1260	05-2017	N LONGWOOD 230.00	SYLVAN 230.00	8.3	OH	Duke Energy	I	Reliability	Reliability
2016	FRCC	Planned	200-299	230	1260	11-2018	PIEDMONT 230.00	WEKIVA 230.00	3.2	OH	Duke Energy	I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	415	06-2017	GRANT 115.00	STANTON 230.00	11.5	OH	Orlando Utili	M	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	853	06-2017	STANTON 230.00	PERSHING 230.00	9.3	OH	Orlando Utili	M	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	853	06-2017	STANTON 230.00	PERSHING 230.00	9.0	OH	Orlando Utili	M	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	919	05-2018	RIO PINAR 230.00	CURRY FORD 230.00	2.6	OH	Duke Energy	I	Reliability	Economic/Congestion
2016	FRCC	Under Construction	200-299	230	1260	05-2018	WEKIVA 230.00	MYRTLE LAKE 230.00	4.2	OH	Duke Energy	I	Reliability	Economic/Congestion
2016	FRCC	Under Construction	200-299	230	1195	12-2017	BUCKINGHAM 230.00	AUCO 230.00	16.0	OH	Florida Powe	I	Reliability	Other
2016	FRCC	Completed	200-299	230	759	12-2017	FT MYERS 230.00	BUCKINGHAM 230.00	5.0	OH	Florida Powe	I	Reliability	Other
2016	FRCC	Planned	200-299	230	759	12-2017	EMERSON 230.00	RALS 230.00	14.9	OH	Florida Powe	I	Reliability	Other
2016	FRCC	Planned	100-120	115	232	01-2018	Sub 14 115	Sub 7 115	6.0	OH	City of Tallah	M	Reliability	
2016	FRCC	Cancelled - Siting Chall	200-299	230	1260	05-2018	ZEPHYRHILLS N230.00	NEW RIVER 230.00	12.6	OH	Duke Energy	I	Reliability	
2016	FRCC	Planned	200-299	230	584	05-2019	BARTOW 230.00	NORTHEAST 230.00	3.9	UG	Duke Energy	I	Reliability	
2016	FRCC	Planned	100-120	115	392	05-2021	HAVANA 115.00	TALL NEW 115.00	14.2	OH	Duke Energy	I	Reliability	
2016	FRCC	Planned	100-120	115	392	05-2021	LIBERTY 115.00	TALL NEW 115.00	25.5	OH	Duke Energy	I	Reliability	
2016	FRCC	Planned	121-150	138	353	06-2018	COCO GRV 138.00	GALLOWAY 138.00	3.0	OH	Florida Powe	I	Reliability	
2016	FRCC	Planned	121-150	138	357	06-2018	MIDWAY 138.00	SANDPIPER 138.00	17.0	OH	Florida Powe	I	Reliability	
2016	FRCC	Planned	200-299	230	830	06-2018	STANTON 230	LAKE NONA 230	13.5	OH	Orlando Utili	M	Reliability	
2016	FRCC	Planned	200-299	230	759	12-2018	Raven	Duval	45.0	OH	Florida Powe	I	Reliability	
2016	FRCC	Planned	200-299	230	759	12-2018	ST JOHNS 230.00	PELLICER 230.00	21.5	OH	Florida Powe	I	Reliability	
2016	FRCC	Cancelled - Other (Corr	200-299	230	759	12-2018	St. Johns	Pringle	25.0	OH	Florida Powe	I	Reliability	
2016	FRCC	Delayed - Siting Challei	200-299	230	919	05-2021	NEW RIVER 230.00	WIRE ROAD 230.00	12.6	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	100-120	115	335	05-2021	PERRY 115.00	FT WHITE 115.00	34.2	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	100-120	115	392	05-2019	16 STREET 115.00	40 STREET B 115.00	3.3	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	100-120	115	392	05-2019	GATEWAY 115.00	32 STREET 115.00	5.0	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	100-120	115	392	05-2019	GATEWAY 115.00	ULMERTON 115.00	2.3	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	200-299	230	830	06-2019	AIP 230	LAKE NONA 230	6.5	OH	Orlando Utili	M	Reliability	Other
2016	FRCC	Planned	200-299	230	759	12-2019	DUVAL 230.00	RAVEN 230.00	45.0	OH	Florida Powe	I	Reliability	Other
2016	FRCC	Planned	200-299	230	759	12-2019	LAURELWOOD 230.00	MYAKKA 230.00	17.0	OH	Florida Powe	I	Reliability	Other
2016	FRCC	Planned	200-299	230	1260	05-2023	Osprey	Haines City East	18.0	OH	Duke Energy	I	Fossil-Fired Integration	Other
2016	FRCC	Planned	200-299	230	1260	05-2023	Osprey	Kathleen	23.0	OH	Duke Energy	I	Fossil-Fired Integration	Other
2016	FRCC	Conceptual			1119	05-2021	Unsitd	Unsitd (Future CT1)	0.0	OH	Tampa Electr	I	Fossil-Fired Integration	Reliability
2016	FRCC	Planned	200-299	230	1260	05-2021	ANCLOTE 230.00	TARPON SPNGS230.0	5.3	OH	Duke Energy	I	Reliability	Reliability
2016	FRCC	Planned	200-299	230	919	11-2020	RIO PINAR 230.00	ECON 230.00	3.8	OH	Duke Energy	I	Reliability	Reliability
2016	FRCC	Planned	200-299	230	919	11-2020	ECON 230.00	WINTERPARK E230.00	2.7	OH	Duke Energy	I	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	830	06-2020	STANTON 231	MAGNOLIA RANCH 230	8.4	OH	Orlando Utili	M	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	668	12-2020	Greenland Energy Center	Nocatee	4.4	OH	JEA	M	Other	Reliability
2016	FRCC	Planned	200-299	230	1260	05-2020	FT MEADE 230.00	W LAKE WALES230.00	19.9	OH	Duke Energy	I	Reliability	Reliability
2016	FRCC	Planned	121-150	138	575	05-2021	Hookers Point	Clearview	7.3	OH	Tampa Electr	I	Reliability	Reliability
2016	FRCC	Planned	200-299	230	1195	05-2021	WILLISTON 230.00	BRNSON DUKE230.00	13.6	OH	Duke Energy	I	Reliability	Fossil-Fired Integration
2016	FRCC	Planned	200-299	230	1260	05-2021	CRYST RVR PL 230.00	BRNSON DUKE 230.00	38.3	OH	Duke Energy	I	Reliability	Fossil-Fired Integration
2016	FRCC	Planned	200-299	230	830	06-2021	TAFT 230	AIP 230	4.0	OH	Orlando Utili	M	Reliability	Variable/Renewable Integration
2016	FRCC	Planned	200-299	230	830	06-2022	TAFT 231	MAGNOLIA RANCH 230	10.8	OH	Orlando Utili	M	Reliability	Reliability
2016	FRCC	Conceptual			1119	05-2024	Unsitd	Unsitd (Future CT2)	0.0	OH	Tampa Electr	I	Fossil-Fired Integration	Reliability
2016	FRCC	Planned	400-599	500	2598	06-2023	Levee	Midway	150.0	OH	Florida Powe	I	Reliability	Economic/Congestion
2016	FRCC	Cancelled - Other (Corr	100-120	115	392	05-2024	DRIFTON 115.00	AUCILLA TAP 115.00	5.2	OH	Duke Energy	I	Reliability	
2016	FRCC	Cancelled - Other (Corr	100-120	115	392	05-2024	AUCILLA TAP 115.00	GREENVILLE SW115.00	8.6	OH	Duke Energy	I	Reliability	
2016	FRCC	Cancelled - Other (Corr	100-120	115	392	05-2024	GREENVILLE SW 115.00	HANSON 115.00	14.7	OH	Duke Energy	I	Reliability	
2016	FRCC	Delayed - Other (Comn	200-299	230	1190	06-2027	DAVIS 230.00	CLEARSKY 230.00	19.0	OH	Florida Powe	I	Nuclear Integration	
2016	FRCC	Delayed - Other (Comn	400-599	500	2598	06-2027	LEVEE 500.00	CLEARSKY 500.00	43.0	OH	Florida Powe	I	Nuclear Integration	
2016	FRCC	Delayed - Other (Comn	400-599	500	2598	06-2027	LEVEE 500.00	CLEARSKY 500.00	43.0	OH	Florida Powe	I	Nuclear Integration	
2016	FRCC	Delayed - Other (Comn	200-299	230	1190	06-2027	PENNSUCO 230.00	CLEARSKY 230.00	52.0	OH	Florida Powe	I	Nuclear Integration	
2016	FRCC	Planned	200-299	230	759	06-2019	FLACITY 230.00	TURKEY P 230.00	8.3	OH	Florida Powe	I	Reliability	
2016	FRCC	Planned	121-150	138	243	06-2021	COC GRV 138.00	KEY BISC 138.00	9.0	UG	Florida Powe	I	Reliability	
2016	FRCC	Planned	121-150	138	243	06-2021	COC GRV 138.00	SIMPSTAP 138.00	4.3	UG	Florida Powe	I	Reliability	
2016	FRCC	Planned	121-150	138	357	12-2019	TERRY 138.00	ALLIGATOR 138.00	16.0	OH	Florida Powe	I	Reliability	Other
2016	FRCC	Planned	200-299	230	919	11-2021	DISSTON 230.00	40 STREET 230.00	3.5	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	100-120	115	392	05-2021	BROOKSVILLE 115.00	MONDON HILL 115.00	1.1	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	200-299	230	919	05-2021	MONDON HILL 230.00	BUSHNELL E 230.00	20.0	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	200-299	230	919	05-2021	BROOKSVL W 230.00	MONDON HILL 230.00	9.1	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	200-299	230	1260	05-2022	CRYST RVR PL 230.00	BRNSON DUKE 230.00	38.3	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	200-299	230	919	11-2021	DISSTON 230.00	LARGO 230.00	7.5	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	100-120	115	392	05-2023	CARRABELLE 115.00	CRAWFORDVILLE 115.00	31.6	OH	Duke Energy	I	Reliability	
2016	FRCC	Planned	100-120	115	203	05-2023	CARRABELLE 115.00	GUMBAY 115.00	15.0	OH	Duke Energy	I	Reliability	Other
2016	FRCC	Planned	200-299	230	919	05-2022	NEW RIVER 230.00	MORGAN ROAD 230.00	12.5	OH	Duke Energy	I	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	1260	05-2022	MORGAN ROAD 230.00	DALE MABRY 230.00	1.9	OH	Duke Energy	I	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	919	05-2025	RIO PINAR 230.00	MOSS PARK 230.00	12.4	OH	Duke Energy	I	Reliability	Economic/Congestion

2016	FRCC	Planned	100-120	115	392	05-2021	CASSADAGA 115.00	LK HELEN 115.00	5.3	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	392	05-2022	BAYVIEW 115.00	TRI-CITY 115.00	2.6	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	392	05-2022	TRI-CITY 115.00	ULMERTON 115.00	2.2	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	392	05-2022	BROOKRIDGE 115.00	ROYAL HI TP 115.00	4.7	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	392	05-2022	HAMMOCK2 TP 115.00	HAMMOCK TP 115.00	1.2	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	392	05-2022	HAMMOCK TP 115.00	SEVILLE TP 115.00	2.8	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	392	05-2022	SEVILLE TP 115.00	TWIN CO RNCH 115.00	3.4	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	392	05-2020	BAYVIEW 115.00	E CLEARWATER 115.00	3.2	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	100-120	115	392	11-2018	HEXAM TP 115.00	WEEKIWACH SW 115.00	3.9	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	919	05-2023	DONA VISTA 230.00	DELAND WEST 230.00	25.0	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	476	05-2021	HORSECREEK3 230.00	FT MEADE 230.00	26.2	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	476	05-2021	HORSECREEK3 230.00	VANDOLAH 230.00	12.9	OH	Duke Energy I	Reliability	Economic/Congestion
2016	FRCC	Planned	200-299	230	476	05-2021	MARTIN WEST 230.00	SLV_SP_N 230.00	10.4	OH	Duke Energy I	Reliability	Economic/Congestion
2016	MISO	Planned	151-199	161		07-2017	Newport East		0.0	OH	Arkansas Electric Coopertiv	Reliability	Other
2016	MISO	Planned	151-199	161		06-2018	Hunter North 161/13.2kV Substation		0.0	OH	Arkansas Electric Coopertiv	Reliability	Reliability
2016	MISO	Planned	151-199	161		03-2018	AECC Bee Branch		0.0	OH	Arkansas Electric Coopertiv	Reliability	
2016	MISO	Planned	151-199	161		08-2017	Damascus		0.0	OH	Arkansas Electric Coopertiv	Reliability	
2016	MISO	Planned	151-199	161		08-2017	AECC Bee Branch	AECC Damascus	0.0	OH	Arkansas Electric Coopertiv	Reliability	
2016	MISO	Planned	151-199	161		12-2020	Clinton West		0.0	OH	Arkansas Electric Coopertiv	Reliability	
2016	MISO	Planned	151-199	161	100MVA	12-2020	Partain		0.0	OH	Arkansas Electric Coopertiv	Reliability	
2016	MISO	Planned	151-199	161		12-2020	Clinton West	Partain	0.0	OH	Arkansas Electric Coopertiv	Reliability	
2016	MISO	Planned	121-150	138		10-2017	Canal		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138		10-2017	Canal		0.0	OH	American Transmission Co.	Reliability	Economic/Congestion
2016	MISO	Conceptual	121-150	138		04-2019	Highway V		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138	332	12-2018	City Limits		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138	484	12-2018	City Limits		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	100-120	115	205	06-2018	Plover	Whiting Avenue	5.8	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138		11-2017	Birchwood		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Mukwonago		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138	310	08-2018	Oak Creek	Hayes	0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138		12-2021	Port Washington	Saukville	0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138	690	06-2019	HWY V	Eaton	6.5	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138		06-2019	Eaton		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138		06-2019	Eaton	East Krok	14.9	OH	American Transmission Co.	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138	526	06-2022	HWY V	BAY RIDGE	1.1	OH	American Transmission Co.	Reliability	Reliability
2016	MISO	Planned	121-150	138		06-2022	BAYRIDGE		0.0	OH	American Transmission Co.	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		06-2022	BAY RIDGE	ONTARIO	1.6	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138	2000	06-2018	Oakview		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138	2000	01-2018	St. Martins		0.0	OH	American Transmission Co.	Reliability	Other
2016	MISO	Planned	121-150	138	1030	01-2017	St. Martins		0.0	OH	American Transmission Co.	Reliability	
2016	MISO	Planned	121-150	138	2000	01-2018	St. Martins		0.0	OH	American Transmission Co.	Reliability	Variable/Renewable Integration
2016	MISO	Planned	100-120	115	2000	06-2017	Tomahawk		0.0	OH	American Transmission Co.	Reliability	Reliability
2016	MISO	Planned	121-150	138	1391	06-2018	Roosevelt Road		0.0	OH	American Transmission Co.	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		11-2016	Jefferson SS		0.0	OH	American Transmission Co.	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		11-2016	Jefferson SS		0.0	OH	American Transmission Co.	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138	2000	11-2017	White Lake		0.0	OH	American Transmission Co.	Reliability	Reliability
2016	MISO	Planned	121-150	138		06-2017	Hunter	Downtown	0.0	OH	City Of Alexandria	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		06-2017	Prescott	Sterks	0.0	OH	City Of Alexandria	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138	399	06-2017	Baldwin	Baldwin Tap	2.0	OH	Ameren Services Company	Reliability	Reliability
2016	MISO	Planned	121-150	138		06-2017	Baldwin		0.0	OH	Ameren Services Company	Reliability	Reliability
2016	MISO	Planned	121-150	138	214	06-2017	Hennepin	Kewanee	0.0	OH	Ameren Services Company	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138	287	12-2017	Searitt		0.0	OH	Ameren Services Company	Reliability	
2016	MISO	Planned	121-150	138	112	06-2018	Fogarty		0.0	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	121-150	138	112	06-2019	Wakefield		0.0	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	121-150	138	159	05-2017	Gallatin		0.0	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	300-399	345	1401	06-2017	Prairie State	Mt. Vernon, West	0.0	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	121-150	138	160	06-2017	Havana	Elkhart	0.0	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	121-150	138	255	12-2016	Brokaw	Gibson City South	28.5	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	121-150	138	478	12-2016	Gibson City South		0.0	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	121-150	138	399	12-2016	Rising	North Champaign	0.0	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	151-199	161	280	12-2016	Cape	Kelso	6.0	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	151-199	161	280	12-2016	Kelso	Miner	19.9	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	121-150	138	241	12-2016	Page	Sioux	14.3	OH	Ameren Services Company	Reliability	Other
2016	MISO	Planned	121-150	138		12-2017	CE Breaker Replacement Program - 2017		0.0	OH	Consumers Energy Transmi	Reliability	Other
2016	MISO	Planned	121-150	138		12-2016	CE Line Equipment Replacement Program - 2016		0.0	OH	Consumers Energy Transmi	Reliability	Other
2016	MISO	Planned	121-150	138		12-2017	CE Line Equipment Replacement Program - 2017		0.0	OH	Consumers Energy Transmi	Reliability	Other
2016	MISO	Planned	121-150	138		02-2017	CE Pole Replacement Program - 2016		0.0	OH	Consumers Energy Transmi	Reliability	Other
2016	MISO	Planned	121-150	138		12-2017	CE Pole Replacement Program - 2017		0.0	OH	Consumers Energy Transmi	Reliability	Other
2016	MISO	Planned	121-150	138		11-2017	CE Relay Replacement Program - 2016		0.0	OH	Consumers Energy Transmi	Reliability	Other
2016	MISO	Planned	121-150	138		12-2017	CE Relay Replacement Program - 2017		0.0	OH	Consumers Energy Transmi	Reliability	
2016	MISO	Planned	121-150	138		12-2017	CE Substation Equipment Replacements - 2017		0.0	OH	Consumers Energy Transmi	Reliability	
2016	MISO	Planned	121-150	138		12-2017	Edenville	Edenville Jct	9.8	OH	Consumers Energy Transmi	Reliability	
2016	MISO	Planned	121-150	138		12-2017	Cole Creek	Cole Creek Jct	4.7	OH	Consumers Energy Transmi	Reliability	
2016	MISO	Planned	121-150	138		12-2017	Chase		0.0	OH	Consumers Energy Transmi	Reliability	
2016	MISO	Planned	121-150	138		06-2018	Vrooman		0.0	OH	Consumers Energy Transmi	Reliability	
2016	MISO	Planned	121-150	138		03-2018	Beaver Creek		0.0	OH	Consumers Energy Transmi	Reliability	
2016	MISO	Planned	121-150	138		03-2018	Higgins		0.0	OH	Consumers Energy Transmi	Reliability	
2016	MISO	Planned	200-299	230		12-2016	DoletHills Mine		0.0	OH	Cleco Power LLC	Reliability	

2016	MISO	Planned	300-399	345		11-2016	Dolet Hills		0.0	OH	Cleco Power LLC	Reliability	
2016	MISO	Planned	121-150	138		10-2016	Wax Lake		0.0	OH	Cleco Power LLC	Reliability	
2016	MISO	Planned	121-150	138		05-2017	HOPKINS		0.0	OH	Cleco Power LLC	Reliability	
2016	MISO	Planned	200-299	230	501	12-2020	Noblesville Gen Station	Tipton West	12.0	OH	Duke Energy Corporation	Reliability	
2016	MISO	Under Construction	121-150	138		12-2017	Speed		0.0	OH	Duke Energy Corporation	Reliability	
2016	MISO	Planned	200-299	230		12-2020	Columbus North		0.0	OH	Duke Energy Corporation	Reliability	
2016	MISO	Under Construction	200-299	230		12-2017	Walton		0.0	OH	Duke Energy Corporation	Reliability	Reliability
2016	MISO	Planned	300-399	345		12-2018	Bedford 345kV		0.0	OH	Duke Energy Corporation	Reliability	
2016	MISO	Planned	300-399	345		12-2020	Gibson Gen. Sta.	HE Merom Gen. Sta.	0.0	OH	Duke Energy Corporation	Reliability	Reliability
2016	MISO	Under Construction	121-150	138		06-2017	Shelbyville Northeast		0.0	OH	Duke Energy Corporation	Reliability	Reliability
2016	MISO	Planned	121-150	138		12-2018	River Ridge Gateway		0.0	OH	Duke Energy Corporation	Reliability	Reliability
2016	MISO	Planned	121-150	138		12-2018	Spelterville		0.0	OH	Duke Energy Corporation	Reliability	Economic/Congestion
2016	MISO	Planned	200-299	230		12-2017	Cayuga Gen. Sta.		0.0	OH	Duke Energy Corporation	Reliability	Reliability
2016	MISO	Planned	100-120	115	390MVA	06-2019	Mayflower 115kV substation	Morgan 115kV substation	5.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Under Construction	100-120	115	259MVA	06-2017	Stuttgart Ricuskey	Stuttgart Industrial	2.6	OH	Entergy Arkansas	Variable/Renewable Inte	Reliability
2016	MISO	Planned	400-599	500		11-2018	Pleasant Hill		0.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Planned	151-199	161		12-2018	Newport SS		0.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Planned	100-120	115		06-2018	El Dorado East 115kV	El Dorado Jackson 115kV	2.9	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Under Construction	151-199	161		11-2017	Bono		0.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Planned	151-199	161		12-2018	London North 161kV		0.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Under Construction	100-120	115		04-2018	Camden Maguire 115kV		0.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Under Construction	151-199	161		06-2017	Independence 161kV		0.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Planned	100-120	115		06-2021	Mabelvale 115kV		0.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Planned	100-120	115		11-2017	Goodwin		0.0	OH	Entergy Arkansas	Variable/Renewable Inte	Reliability
2016	MISO	Under Construction	100-120	115		06-2017	Hurricane Lake		0.0	OH	Entergy Arkansas	Reliability	Reliability
2016	MISO	Planned	100-120	115	320 MVA	06-2018	Ninemile 115 kV substation	Westwego 115 kV substation	5.7	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115	320 MVA	06-2018	Ninemile 115 kV substation	Westwego 115 kV substation	0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115	320 MVA	06-2018	Ninemile 115 kV substation	Harvey2 115 kV substation	9.5	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115	320 MVA	06-2018	Ninemile 115 kV substation	Harvey2 115 kV substation	0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115		06-2018	Vienna	Trussell Crossing	6.9	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	100-120	115		06-2018	Cadeville		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	100-120	115			Rilla	Cadeville	0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	100-120	115		06-2020	Lake Providence		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	100-120	115	176		OakGrove	Lake Providence	15.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	200-299	230		12-2018	Hodge		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		12-2019	Jefferson Davis		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		12-2019	Colonial Welsh Tap	Jefferson Davis	0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		12-2019	Colonial Welsh Tap	Jefferson Davis	0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		06-2018	Nelson		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Under Construction	121-150	138		06-2017	Swisco		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	200-299	230		05-2019	Thompson Road		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	121-150	138		06-2019	Lowe Grout Road		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	200-299	230		06-2018	Repapco	Port Hudson	0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	100-120	115		12-2017	North Norco		0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	100-120	115		12-2019	Patterson	Pontchartrain Park	0.0	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Planned	200-299	230	779	06-2020	Nelson 230 kV	Menena 230 kV	5.5	OH	Entergy	Reliability	Economic/Congestion
2016	MISO	Conceptual	200-299	230		06-2018	Coly 230		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Conceptual	200-299	230		06-2018	Tiger 230		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Conceptual	200-299	230		06-2018	Harelson 230		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Conceptual	200-299	230		12-2018	Fleur 230		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Conceptual	100-120	115		12-2018	Ninemile	Barataria	0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Conceptual	200-299	230		12-2018	Fleur		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Conceptual	200-299	230		11-2018	Sadie		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Conceptual	200-299	230		12-2019	Big Lake		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		12-2017	PPG	Rosebluff	0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		01-2022	NSUB1		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115		01-2022	Michoud		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		01-2022	Waterford		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		01-2022	Waterford	NSUB1	27.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115		12-2018	Harper		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115		06-2018	Greenville North		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115		01-1900	International Paper		0.0	OH	South Mississippi Electric P	Reliability	Reliability
2016	MISO	Planned	100-120	115		01-1900	Shaw Switching Station		0.0	OH	South Mississippi Electric P	Reliability	Reliability
2016	MISO	Under Construction	100-120	115		12-2017	Pelahatchie	Morton	6.1	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115		06-2018	Morton	Forest Ind	9.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		06-2019	Norrel Road		0.0	OH	Entergy Mississippi	Reliability	Reliability
2016	MISO	Under Construction	100-120	115		12-2016	Gallman		0.0	OH	Entergy Mississippi	Reliability	Reliability
2016	MISO	Under Construction	200-299	230		06-2017	Kolbs 230 kV Substation		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230	75	12-2018	Heights		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	121-150	138		12-2018	Pintail		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		06-2020	Garden		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		06-2020	Garden	Legend	0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		06-2020	Legend		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	200-299	230		12-2019	Helbig		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	121-150	138		06-2019	Stowell	Himex	0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Under Construction	300-399	345		06-2017	Grimes		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	400-599	500		12-2017	Hartburg		0.0	OH	Entergy	Reliability	Reliability
2016	MISO	Planned	100-120	115		09-2020	Long Lake		0.0	OH	Great River Energy	Reliability	Reliability

2016	MISO	Planned	100-120	115		04-2017	Blueberry	Red Eye	8.0	OH	Great River Energy	Reliability	
2016	MISO	Planned	100-120	115		04-2017	Blueberry		0.0	OH	Great River Energy	Reliability	
2016	MISO	Planned	100-120	115		04-2017	Hubbard		0.0	OH	Great River Energy	Reliability	
2016	MISO	Planned	300-399	345	448	12-2018	Riverview		0.0	OH	Great River Energy	Reliability	
2016	MISO	Planned	100-120	115	70	12-2018	Riverview		0.0	OH	Great River Energy	Reliability	
2016	MISO	Planned	100-120	115		08-2017	Fish Trap Pumping Station		20.0	OH	Great River Energy	Reliability	
2016	MISO	Planned	100-120	115		04-2017	Hubbard	Blueberry	15.0	OH	Great River Energy	Reliability	Reliability
2016	MISO	Planned	300-399	345		07-2017	Guion 345 kV		0.0	OH	Indianapolis Power & Light	Reliability	Reliability
2016	MISO	Planned	121-150	138		06-2021	Stout CT	Stout North	0.0	OH	Indianapolis Power & Light	Reliability	
2016	MISO	Planned	151-199	161	558 MVA	12-2017	Wapello	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	Jefferson	Wapello Co	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	OGS	Wapello Co	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	Appanoose County	Wapello Co	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	OGS	Wapello Co	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	OGS	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	300-399	345		12-2019	New Hills area	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2022	Fairfax	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161	446 MVA	12-2022	North Liberty	Fairfax	0.0	OH	ITC Midwest	Reliability	Reliability
2016	MISO	Planned	151-199	161		12-2019	New North Liberty	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2019	New Hills area	North Liberty	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Under Construction	151-199	161		12-2017	Winnebago Jct.	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	Traer	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	Traer	161 kV line taps	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	Dysart	Substation	0.0	OH	ITC Midwest	Reliability	Reliability
2016	MISO	Planned	151-199	161		06-2017	Burlington Gnerating Station	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2019	Appanoose County	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2018	Newhall	Williamsburg	26.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2018	Newhall	Switch Station	0.0	OH	ITC Midwest	Reliability	Nuclear Integration
2016	MISO	Planned	151-199	161		12-2018	Newhall	Line Taps	0.0	OH	ITC Midwest	Reliability	Nuclear Integration
2016	MISO	Under Construction	300-399	345		12-2017	ITCM Asset Blanket for 2017	Throughout system	0.0	OH	ITC Midwest	Reliability	Nuclear Integration
2016	MISO	Planned	300-399	345		12-2019	ITCM Asset Blanket for 2019	Throughout system	0.0	OH	ITC Midwest	Reliability	Nuclear Integration
2016	MISO	Planned	300-399	345		12-2018	ITCM Asset Blanket for 2018	Throughout system	0.0	OH	ITC Midwest	Reliability	Reliability
2016	MISO	Planned	300-399	345		12-2019	Blanket for Customer Interconn	Throughout system	0.0	OH	ITC Midwest	Reliability	Reliability
2016	MISO	Planned	151-199	161		12-2017	Lore	Hickory Creek	0.0	OH	ITC Midwest	Reliability	Reliability
2016	MISO	Planned	151-199	161		12-2017	Hickory Creek	Substation	0.0	OH	ITC Midwest	Reliability	Reliability
2016	MISO	Planned	151-199	161		12-2017	Lore	Hickory Creek	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	Williamsburg	Substation	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		12-2017	Parnell	Williamsburg	0.0	OH	ITC Midwest	Reliability	
2016	MISO	Planned	151-199	161		09-2017	Irvine	Switch Station	0.0	OH	ITC Midwest	Variable/Renewable Integration	
2016	MISO	Planned	151-199	161		09-2017	Beacon	Irvine	0.0	OH	ITC Midwest	Variable/Renewable Integration	
2016	MISO	Planned	151-199	161		09-2017	Irvine	Poweshiek	0.0	OH	ITC Midwest	Variable/Renewable Integration	
2016	MISO	Planned	151-199	161		09-2017	Beacon	Irvine	0.0	OH	ITC Midwest	Variable/Renewable Integration	
2016	MISO	Planned	300-399	345		01-2022	Huntley		0.0	OH	Midcontinent Independent	Economics/Congestion	
2016	MISO	Planned	300-399	345		01-2022	Huntley	Wilmarth	38.5	OH	Midcontinent Independent	Economics/Congestion	
2016	MISO	Planned	100-120	120		06-2018	Jacob	St. Clair	0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2018	Seneca	Spokane	0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2019	Ironton		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	300-399	345		12-2019	Belle River	Pontiac	0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	300-399	345		12-2019	Pontiac	Wxom	0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2018	River Rouge	Ironton	0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2018	Sterling		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2019	Custer	Monroe	0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	300-399	345		12-2017	ITCT Asset Replacement Program - 2017		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	300-399	345		12-2018	ITCT Asset Replacement Program - 2018		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	300-399	345		12-2019	ITCT Asset Replacement Program - 2019		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2019	Blanket for Customer Interconn	Throughtout System	0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		06-2018	Navarre		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2018	Apache	Seneca	0.0	OH	ITC Transmission	Reliability	
2016	MISO	Under Construction	300-399	345		09-2017	Grassmere		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Under Construction	100-120	120		09-2017	Grassmere		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Under Construction	100-120	120		09-2017	J340 Substation	Grassmere	5.3	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	100-120	120		12-2017	Skylark 120 kV		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Sloan 120 kV		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Northeast 120kV		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Skylark	Sloan	3.2	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Northeast	Skylark	4.7	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Throughout System		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2018	Throughout System		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Mercury 120 kV		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Arctic	Ranger	4.7	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Crestwood		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Ranger		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Ranger		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	Warren		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	River Rouge Power Plant		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	100-120	120		12-2017	ELM		0.0	OH	ITC Transmission	Reliability	
2016	MISO	Planned	300-399	345		09-2017	Kirk 345 kV		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	300-399	345		09-2017	Kirk 345 kV		0.0	OH	ITC Transmission	Variable/Renewable Integration	

2016	MISO	Planned	300-399	345		09-2017	Helena 345 kV		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	300-399	345		09-2016	Helena 345 kV		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	300-399	345		10-2018	Stringer 345 kV		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	300-399	345		10-2018	Greenwood 345		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	300-399	345		10-2018	Stringer 345 kV		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	100-120	120		06-2019	Milan 120 kV		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	100-120	120		06-2019	Milan 120 kV		0.0	OH	ITC Transmission	Variable/Renewable Integration	
2016	MISO	Planned	100-120	115		03-2019	Bowdle Jct		0.0	OH	Montana-Dakota Utilities C	Reliability	
2016	MISO	Planned	100-120	115	127	10-2017	Ellendale Jct	Leola Jct	45.0	OH	Montana-Dakota Utilities C	Reliability	
2016	MISO	Planned	100-120	115	50	10-2017	Leola Jct		0.0	OH	Montana-Dakota Utilities C	Reliability	
2016	MISO	Planned	151-199	161	33	06-2018	Polk City		0.0	OH	MidAmerican Energy Comp	Reliability	
2016	MISO	Planned	151-199	161		06-2018	Polk City	NE Ankeny	3.0	OH	MidAmerican Energy Comp	Reliability	
2016	MISO	Planned	151-199	161	210	06-2018	Polk City	Bittersweet	4.0	OH	MidAmerican Energy Comp	Reliability	
2016	MISO	Planned	151-199	161	33	11-2016	Johnston		0.0	OH	MidAmerican Energy Comp	Reliability	
2016	MISO	Planned	151-199	161	40 kA	12-2016	Sycamore		0.0	OH	MidAmerican Energy Comp	Reliability	
2016	MISO	Planned	151-199	161	40 kA	10-2016	Bondurant		0.0	OH	MidAmerican Energy Comp	Reliability	
2016	MISO	Planned	151-199	161		10-2016	Tate & Lyle		0.0	OH	MidAmerican Energy Comp	Reliability	
2016	MISO	Planned	151-199	161	38	12-2016	Sub J Iowa City		0.0	OH	MidAmerican Energy Comp	Reliability	
2016	MISO	Under Construction	300-399	345		08-2016	Obrien County		0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration	
2016	MISO	Under Construction	300-399	345		07-2016	Ida County		0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration	
2016	MISO	Planned	151-199	161		12-2016	635645	652560	0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration	
2016	MISO	Under Construction	151-199	161		06-2016	636020		0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration	
2016	MISO	Planned	151-199	161		06-2016	631079	636020	0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration	
2016	MISO	Planned	151-199	161		06-2017	635034	635038	0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration	
2016	MISO	Planned	151-199	161		06-2017	541251 MARYVLE5	161.00 635034 CLRNDA 5	161.00	0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration
2016	MISO	Planned	151-199	161		06-2017	541251 MARYVLE5	161.00 635034 CLRNDA 5	161.00	0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration
2016	MISO	Planned	151-199	161		09-2017	631113 POWESHK5	161.00 635870 BEACON 5	161.00	0.0	OH	MidAmerican Energy Comp	Variable/Renewable Integration
2016	MISO	Planned	121-150	138		12-2019	Garfield Avenue	Hemphill	9.5	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2019	Bell Road	Cornell	4.3	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		06-2018	Newton 138 kV		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Bullock		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Alma	Regal	0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Karn	Manning	0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Karn		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2019	Karn	Saginaw River	16.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2019	Saginaw River		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2019	Karn		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2019	Karn	Saginaw River	0.0	OH	METC	Reliability	
2016	MISO	Planned	300-399	345		12-2017	METC Asset Replacement Program - 2017		0.0	OH	METC	Reliability	
2016	MISO	Planned	300-399	345		12-2018	METC Asset Replacement Program - 2018		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2017	Blanket for Customer Intercon Through System		0.0	OH	METC	Reliability	
2016	MISO	Planned	300-399	345		12-2019	METC Asset Replacement Program - 2019		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2017	Four Mile		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2017	Verona		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		06-2018	Eureka		0.0	OH	METC	Reliability	
2016	MISO	Planned	300-399	345		06-2018	Tittabawassee		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Campbell		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Michigan Ave 138kV		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Newton	Wagner	13.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Coldwater 138 kV		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Batavia 138 kV		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		12-2018	Wagner 138 kV		0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		06-2017	VERONA	BARNUM CREEK JCT.	0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		05-2018	Verona	Barnum Creek Jct.	6.2	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		05-2018	Barnum Creek	Alder Creek	0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		05-2018	Alder Creek	Wagner	0.0	OH	METC	Reliability	
2016	MISO	Planned	121-150	138		05-2018	Denso J.	Vrooman	0.0	OH	METC	Reliability	
2016	MISO	Planned	100-120	115	182	11-2019	Brainerd	Mud Lake	4.4	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115	122	12-2017	FondDuLac	Hibbard	11.3	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115	39	12-2018	15th Avenue West		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115		05-2018	15th Avenue West		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115		12-2018	15th Avenue West		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115		12-2018	15th Avenue West		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Conceptual	100-120	115		12-2017	Arrowhead		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	200-299	230		06-2019	Boswell		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	200-299	230		06-2019	Blackberry		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	200-299	230		06-2019	Boswell		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	200-299	230		06-2019	Blackberry		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115		12-2017	Nemadji		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115	182	12-2017	Enbridge East	Enbridge South	0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115	235	12-2017	Nemadji	Stinson	1.2	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115		12-2017	Various Customer-Owned		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115		12-2017	Nemadji		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115	150	05-2017	Boswell 115		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115	144	05-2017	Boswell	Canisteo	0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115	144	12-2017	Laskin		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115	15	07-2017	Dunka Road		0.0	OH	Minnesota Power (Allete, I)	Reliability	
2016	MISO	Planned	100-120	115		12-2017	Taconite Harbor		0.0	OH	Minnesota Power (Allete, I)	Reliability	

2016	MISO	Planned	100-120	115		12-2017	Hoyt Lakes		0.0	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Planned	100-120	115		12-2017	Skibo		0.0	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Planned	121-150	138	287	12-2020	4Elkhart Jct (348950)	4Turriss Coal (348909)	5.0	OH	Prairie Power, Inc.	Reliability
2016	MISO	Planned	121-150	138	75	12-2020	Athens 138 kV	Athens 69 kV	0.0	OH	Prairie Power, Inc.	Reliability
2016	MISO	Planned	121-150	138	229	12-2019	Turriss W-ICG Viper Mine	Athens	0.0	OH	Prairie Power, Inc.	Reliability
2016	MISO	Planned	121-150	138		07-2017	GRIMM ROAD	WARRICK NORTH	0.0	OH	Southern Indiana Gas & Ele	Reliability
2016	MISO	Planned	121-150	138		12-2019	ANGEL MOUNDS	HEIDELBACH	0.0	OH	Southern Indiana Gas & Ele	Reliability
2016	MISO	Planned	121-150	138		10-2018	Gaylord (WPSC)		0.0	OH	Wolverine Power Supply Co	Variable/Renewable Integration
2016	MISO	Planned	100-120	115		06-2017	City of Chaska		0.0	OH	Northern States Power (Xce	Reliability
2016	MISO	Planned	100-120	115		12-2018	Bluff Creek	City of Chaska	0.0	OH	Northern States Power (Xce	Reliability
2016	MISO	Planned	100-120	115		06-2017	Southtown	Cedarvale	0.0	OH	Northern States Power (Xce	Reliability
2016	MISO	Under Construction	100-120	115		06-2017	Hiawatha		0.0	OH	Northern States Power (Xce	Reliability
2016	MISO	Planned	100-120	115		01-2019	Prairie		0.0	OH	Northern States Power (Xce	Reliability
2016	MISO	Planned	100-120	115		06-2017	Baytown		0.0	OH	Northern States Power (Xce	Reliability
2016	MISO	Under Construction	100-120	115		04-2017	Dean Lake		0.0	OH	Northern States Power (Xce	Reliability
2016	MISO	Planned	100-120	115		05-2019	Airport	Rogers Lake	3.4	OH	Northern States Power (Xce	Reliability
2016	MISO	Planned	300-399	345		01-2022	Wilmarth		0.0	OH	Midcontinent Independent	Economics/Congestion
2016	MISO	Planned	100-120	115		10-2017	EAI El Dorado - Monticello East 115 kV line		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Planned	100-120	115		10-2017	115 kV radial tap		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Planned	100-120	115		10-2017	EAI El Dorado - Monticello East Hermtage 115/13.2 kV subst		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Planned	151-199	161		08-2015	Pocahontas East	Industrial Park	3.5	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Planned	151-199	161		08-2015	Pocahontas East		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Planned	151-199	161		08-2015	Industrial Park		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Delayed - Other	100-120	115		04-2017	Tap EAI El Dorado to Monticello 115kV line		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Delayed - Other	100-120	115		04-2017	115 kV transmission line		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Delayed - Other	100-120	115		04-2017	Tap EAI El Dorado to Monticello 115kV line		13.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Delayed - Other	100-120	115		12-2019	Camden South		7.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Delayed - Other	100-120	115		12-2019	115kV line		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Planned	151-199	161		12-2017	Pocahontas North	Ingram	7.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Planned	151-199	161		12-2017	Ingram		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Conceptual	151-199	161	57.7 MVA	01-2017	Marmaduke 161 kV	Gainesville	0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Conceptual	151-199	161	3/20 MVA	01-2017	Gainesville		0.0	OH	Arkansas Electric Coopertiv	Reliability
2016	MISO	Delayed - Other	121-150	138		02-2018	Creekview		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	246	12-2017	Creekview	South Fond Du Lac	13.2	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	246	12-2017	Forward Energy Center	Creekview	7.6	OH	American Transmission Co.	Reliability
2016	MISO	Complete	121-150	138	246	05-2016	Sunset Point	Mears Corner	0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	246	06-2016	Sunset Point	Ellinwood	0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	197	12-2018	Elkhorn	Williams Bay	7.7	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138		12-2018	Williams Bay		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138		12-2018	Williams Bay		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	188	12-2018	Brick Church	Williams Bay	6.6	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	174	08-2016	Forest Junction	Glenview	4.6	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	174	08-2016	Glenview	Brillion Iron Works	1.1	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	105	12-2016	Shoto	Brillion Iron Works	22.4	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138		08-2016	Brillion Iron Works		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	100-120	115	145	11-2019	Bunker Hill	Kelly	19.5	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115		11-2019	Blackbrook		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115	145	11-2019	Roehring Rd	Pine	10.9	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115	145	11-2019	Roehring Rd	Kelly	19.5	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115	145	11-2019	Roehring Rd	Antigo	5.9	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115	145	11-2019	Roehring Rd	Gardner Park	34.3	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115		11-2019	Roehring Rd		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115		11-2019	Bunker Hill		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	300-399	345		12-2020	New Sub		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	300-399	345	1201	12-2020	Libertyville	New Sub	2.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	300-399	345	1201	12-2020	Zion	New Sub	2.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	300-399	345	928	12-2020	Arcadian	New Sub	15.6	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	294	12-2023	Plains	National	57.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138		09-2020	Albers		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138		09-2020	Albers		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138		12-2018	W. Marinette		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138		12-2018	W. Marinette		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	290	03-2018	Depere	Glory Rd	1.1	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138		11-2016	Keystone Substation	Wallace	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138	280	11-2015	Sandburg	Monmouth	4.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138		06-2017	Huff	Connection for new 138-69 I	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138		12-2019	Mascoutah Municipal (Hilgard)		0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138		12-2016	Tilden Jct	Sparta	5.7	OH	Midcontinent Independent	Reliability
2016	MISO	Planned	121-150	138		06-2016	Sparta Tap	Steelville	7.4	OH	Midcontinent Independent	Reliability
2016	MISO	Planned	121-150	138		12-2016	Fayetteville South Tap	Tilden	1.5	OH	Midcontinent Independent	Reliability
2016	MISO	Planned	121-150	138		12-2015	Tilden Jct	Tilden	0.0	OH	Midcontinent Independent	Reliability
2016	MISO	Planned	121-150	138		06-2017	Turkey Hill	Mascoutah	8.5	OH	Midcontinent Independent	Reliability
2016	MISO	Delayed - Other	121-150	138		03-2017	Vermillion		0.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138	190	05-2016	Kewanee	Keemin	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138	190	05-2016	Keemin	Rock Falls	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138		10-2015	Campbell		0.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	151-199	161	40	05-2016	Heritage		0.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	151-199	161	335	05-2016	Cape		0.0	OH	Ameren Services Company	Reliability

2016 MISO	Complete	151-199	161	335	05-2016 Wedekind		0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	151-199	161	700	05-2016 Heritage		0.0	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	151-199	161		03-2017 Coleman EHV	Aleris (LAM1)	1.7	OH	Big Rivers Electric Corporat	Reliability
2016 MISO	Delayed - Other	151-199	161		03-2017 Coleman EHV		0.0	OH	Big Rivers Electric Corporat	Reliability
2016 MISO	Delayed - Other	151-199	161		03-2017 Aleris (LAM2)	Coleman EHV	0.0	OH	Big Rivers Electric Corporat	Reliability
2016 MISO	Delayed - Other	151-199	161		03-2017 Coleman EHV	Aleris (LAM2)	2.0	OH	Big Rivers Electric Corporat	Reliability
2016 MISO	Planned	300-399	345		01-2021 Coleman		0.0	OH	Midcontinent Independent	Economics/Congestion
2016 MISO	Planned	300-399	345		01-2021 Duff	Coleman	28.5	OH	Midcontinent Independent	Economics/Congestion
2016 MISO	Planned	200-299	230	500 MVA	06-2018 Bayou Vista 230	Bayou Vista 138 kV	0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	200-299	230		10-2015 West Fork		0.0	OH	Cleco Power LLC	Reliability
2016 MISO	Under Construction	121-150	138		10-2015 Coughlin		0.0	OH	Cleco Power LLC	Reliability
2016 MISO	Planned	121-150	138		12-2016 Longville		0.0	OH	Cleco Power LLC	Reliability
2016 MISO	Planned	121-150	138		06-2017 Plaisance	Veazie	0.0	OH	Cleco Power LLC	Reliability
2016 MISO	Planned	200-299	230	640	06-2018 Terrebonne 230 kV	Bayou Vista 230 kV	30.3	OH	Entergy	Reliability
2016 MISO	Planned	151-199	161		06-2021 Perche	Mill Creek	0.0	OH	City of Columbia, MO	Reliability
2016 MISO	Planned	151-199	161		06-2021 Mill Creek		0.0	OH	City of Columbia, MO	Reliability
2016 MISO	Planned	151-199	161		06-2026 McBaine	Mill Creek	0.0	OH	City of Columbia, MO	Reliability
2016 MISO	Planned	151-199	161		06-2021 Grindstone	Mill Creek	0.0	OH	City of Columbia, MO	Reliability
2016 MISO	Delayed - Other	200-299	230	2000A	12-2018 Frankfort 230kV		0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	121-150	138	306	08-2018 Speed	Jeffersonville	2.5	OH	Duke Energy Corporation	Reliability
2016 MISO	Complete	200-299	230		04-2016 Kokomo Highland Park		0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017 Fairview 138		0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018 New Castle 138		0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018 Kokomo Highland Park		0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	300-399	345		12-2017 Edwardsport	Amo	0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	200-299	230		12-2018 Lafayette 230kV	Attica	15.3	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	121-150	138	301	06-2019 Lafayette Southeast	Lafayette South Jct 2	1.8	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018 Lafayette 230kV	bus tie brkr	0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Cancelled - Other	300-399	345	1195	06-2017 Dresser	add redundant breaker	0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Cancelled - Other	121-150	138	301	06-2017 Purdue	Purdue NW Jct 2	3.3	OH	Duke Energy Corporation	Reliability
2016 MISO	Cancelled - Other	200-299	230	796	06-2017 Cayuga Gen. Sta.		0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Planned	121-150	138	230	05-2018 Bedford	HE Worthington	35.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	151-199	161	414	04-2017 Briggs Road	La Crosse Tap switch	13.3	OH	Dairyland Power Cooperati	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017 TBD	TBD	0.0	OH	East Texas Electric Coopera	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017 TBD		0.0	OH	East Texas Electric Coopera	Reliability
2016 MISO	Planned	100-120	115	390 MVA	12-2019 Mabelvale 115 kV Substation	Bryant 115 kV Substation	5.0	OH	Entergy Arkansas	Reliability
2016 MISO	Planned	100-120	115		12-2019 Bryant	Bryant South	0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Delayed - Other	151-199	161	363 MVA	05-2019 Jim Hill 161 kV substation	Datto 161 kV Substation	39.3	OH	Entergy Arkansas	Reliability
2016 MISO	Delayed - Other	151-199	161	363MVA	05-2019 Datto 161 kV Substation		0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Under Construction	400-599	500		11-2017 New EHV 500kV substation		0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Complete	151-199	161	363MVA	11-2017 Hergett 161kV substation	Trumann West 161kV subst	8.3	OH	Entergy Arkansas	Reliability
2016 MISO	Under Construction	151-199	161	363MVA	11-2017 New EHV 161kV substation	Jonesboro 161kV substation	0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Under Construction	151-199	161	363MVA	11-2017 Hergett 161kV substation	New EHV 161kV substation	0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Under Construction	400-599	500		11-2017 New EHV 161kV substation		0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Delayed - Other	151-199	161		09-2016 Conway Middle Road		0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Complete	100-120	115		11-2016 Jefferson Industrial		0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Complete	100-120	115		12-2016 Paragould		0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Delayed - Other	200-299	230		07-2016 Driver		0.0	OH	Entergy Arkansas	Reliability
2016 MISO	Complete	121-150	138	251 MVA	03-2016 Moril 138 kV substation	Decicambre 115 kV substati	0.0	OH	Entergy	Reliability
2016 MISO	Complete	121-150	138	7.7 MVAR	08-2016 Krotz Springs 138 kV substation		0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2016 Gillis		0.0	OH	Entergy	Reliability
2016 MISO	Complete	200-299	230		12-2016 Vincent 230 kV		0.0	OH	Entergy	Reliability
2016 MISO	Complete	200-299	230	470 MVA	04-2016 Carlyss	Boudoin	0.0	OH	Entergy	Reliability
2016 MISO	Planned	200-299	230		06-2018 Terrebonne		0.0	OH	Entergy	Reliability
2016 MISO	Under Construction	400-599	500		03-2018 Rhodes 500kV Substation		0.0	OH	Entergy	Reliability
2016 MISO	Under Construction	400-599	500	200 MVA	03-2018 TBD		0.0	OH	Entergy	Reliability
2016 MISO	Under Construction	400-599	500	598 MVA	03-2018 Rhodes	TBD	7.0	OH	Entergy	Reliability
2016 MISO	Under Construction	200-299	230	195 MVA	03-2018 TBD	Carlyss	4.0	OH	Entergy	Reliability
2016 MISO	Under Construction	200-299	230		03-2018 Carlyss		0.0	OH	Entergy	Reliability
2016 MISO	Under Construction	200-299	230		03-2018 Carlyss		0.0	OH	Entergy	Reliability
2016 MISO	Under Construction	200-299	230	779 MVA	03-2018 Carlyss	Solac	12.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	200-299	230	143	07-2016 Mud_Lake 230kV	Intracoastal 69kV	0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	200-299	230		12-2017 Bayou Verret		0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	200-299	230		10-2018 Waterford	Vacherie	0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	100-120	115		11-2016 Greenville		0.0	OH	Entergy	Reliability
2016 MISO	Complete	100-120	115		11-2016 Natchez SES		0.0	OH	Entergy	Reliability
2016 MISO	Complete	100-120	115		11-2016 Natchez		0.0	OH	Entergy	Reliability
2016 MISO	Complete	100-120	115		05-2016 Franklin		0.0	OH	Entergy	Reliability
2016 MISO	Under Construction	121-150	138	287 MVA	05-2017 Egypt 138 kV Substatiion	Panorama 138 kV Substatio	1.2	OH	Entergy	Reliability
2016 MISO	Under Construction	121-150	138	287 MVA	05-2017 Panorama 138 kV Substation		0.0	OH	Entergy	Reliability
2016 MISO	Planned	121-150	138		12-2017 Port Neches		0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	121-150	138		06-2016 Forest 138 kV Substation		0.0	OH	Entergy	Reliability
2016 MISO	Planned	121-150	138		12-2017 Sabine		0.0	OH	Entergy	Reliability
2016 MISO	Complete	121-150	138	00 MVAR	11-2016 Alden		0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	121-150	138	25	12-2016 Oakridge		0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	121-150	138	25	08-2016 Forest		0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2016 McFadden Bend	Sabine	0.0	OH	Entergy	Reliability
2016 MISO	Delayed - Other	121-150	138		02-2017 Deer Lake	Fish Creek	0.0	OH	Entergy	Reliability

2016	MISO	Delayed - Other	121-150	138		06-2016	Stilson	Gordon	0.0	OH	Entergy	Reliability
2016	MISO	Planned	121-150	138		06-2018	Cleveland	Tarkington	0.0	OH	Entergy	Reliability
2016	MISO	Delayed - Other	121-150	138		11-2017	South Beaumont	Carroll St	0.0	OH	Entergy	Reliability
2016	MISO	Delayed - Other	121-150	138		11-2017	South Beaumont	Carroll St	0.0	OH	Entergy	Reliability
2016	MISO	Planned	121-150	138		11-2017	South Beaumont 138		0.0	OH	Entergy	Reliability
2016	MISO	Planned	200-299	230		06-2019	China 230	Stowell 230	0.0	OH	Entergy	Reliability
2016	MISO	Planned	121-150	138		06-2019	Newton Bulk	Leach	0.0	OH	Entergy	Reliability
2016	MISO	Planned	200-299	230		06-2020	Grimes	Lewis Creek	0.0	OH	Entergy	Reliability
2016	MISO	Delayed - Other	100-120	115	142	11-2016	Long Lake	Mantrap	6.6	OH	Great River Energy	Reliability
2016	MISO	Delayed - Other	100-120	115		11-2016	Yankee Doodle North	Yankee Doodle South	0.0	OH	Great River Energy	Reliability
2016	MISO	Delayed - Other	100-120	115		10-2017	Stockade		6.0	OH	Great River Energy	Reliability
2016	MISO	Delayed - Other	100-120	115		10-2017	Cedar Lake Pumping Station		6.0	OH	Great River Energy	Reliability
2016	MISO	Delayed - Other	100-120	115		05-2021	Bass Lake	Lawndale	2.0	OH	Great River Energy	Reliability
2016	MISO	Planned	121-150	138		06-2016	Hubbell		0.0	OH	Hoosier Energy REC, Inc.	Reliability
2016	MISO	Delayed - Other	121-150	138	302	12-2016	Pritchard	Centerton-Honey Creek-Sou	21.6	OH	Indianapolis Power & Light	Variable/Renewable Integration
2016	MISO	Delayed - Other	121-150	138	242	12-2016	Pritchard	Heartland Crossing-Mooresv	15.8	OH	Indianapolis Power & Light	Variable/Renewable Integration
2016	MISO	Delayed - Other	121-150	138	322	12-2016	Pritchard	Franklin Township	23.0	OH	Indianapolis Power & Light	Variable/Renewable Integration
2016	MISO	Complete	300-399	345		11-2015	Thompson	Breakers	0.0	OH	Indianapolis Power & Light	Reliability
2016	MISO	Complete	121-150	138		06-2016	Thompson	Breakers	0.0	OH	Indianapolis Power & Light	Reliability
2016	MISO	Complete	121-150	138	100	07-2016	Southport		0.0	OH	Indianapolis Power & Light	Reliability
2016	MISO	Planned	300-399	345		01-1900	Rockville	Breaker	0.0	OH	Indianapolis Power & Light	Reliability
2016	MISO	Planned	121-150	138		01-1900	Rockville	Breaker	0.0	OH	Indianapolis Power & Light	Reliability
2016	MISO	Complete	121-150	138	-3	07-2016	Southwest	Static VAR compensator and	0.0	OH	Indianapolis Power & Light	Reliability
2016	MISO	Delayed - Other	121-150	138	298	07-2017	Guion	Westlane	2.2	OH	Indianapolis Power & Light	Reliability
2016	MISO	Under Construction	300-399	345		12-2017	Blanket for Customer Intercon	Throughout system	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	300-399	345		12-2018	Blanket for Customer Intercon	Throughout system	0.0	OH	ITC Midwest	Reliability
2016	MISO	Under Construction	300-399	345		12-2016	Cntrl Enclosure Blanket for 201	Throughout system	0.0	OH	ITC Midwest	Reliability
2016	MISO	Under Construction	300-399	345		12-2016	NERC Com Mitigation for 2016	Throughout system	0.0	OH	ITC Midwest	Reliability
2016	MISO	Under Construction	300-399	345		12-2016	Normal & Emergency Retiremer	Throughout system	0.0	OH	ITC Midwest	Reliability
2016	MISO	Under Construction	300-399	345		12-2016	SCADA Blanket for 2016	Throughout system	0.0	OH	ITC Midwest	Reliability
2016	MISO	Under Construction	300-399	345		12-2016	Signage Blanket for 2016	Throughout system	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	42 MVAR	06-2017	Fairfax	Capacitor	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	42 MVAR	12-2018	Hiawatha	Capacitor	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	42 MVAR	12-2019	Heron Lake	Capacitor	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161		12-2019	Heron Lake	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161		12-2025	Belle Plaine	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161		12-2025	Parnell	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	558 MVA	12-2015	Marshalltown	Substation	0.0	OH	ITC Midwest	Variable/Renewable Integration
2016	MISO	Delayed - Other	300-399	345		05-2021	Morgan Valley	Switch Station	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	300-399	345		05-2021	Beverly	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	300-399	345		05-2021	New Beverly 345/161 kV	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	300-399	345		05-2021	Morgan Valley	New Beverly 345/161kV	6.5	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161		07-2016	Doud	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	100-120	120		05-2017	Cato	Stone Pool	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		05-2017	Midtown		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		05-2017	Cato		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		05-2017	Stone Pool		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		05-2017	Midtown	Stone Pool	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		06-2019	Hood	Bartlett	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		06-2019	Bloomfield		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		06-2019	Hood		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		06-2019	Bartlett		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		06-2019	Bloomfield	Bartlett	0.0	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		06-2017	Cortland		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		12-2021	Stratford		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		08-2016	Rapson		0.0	OH	ITC Transmission	Variable/Renewable Integration
2016	MISO	Delayed - Other	100-120	120		10-2019	Scio 120/13.2 kV		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		10-2019	Scio	Spruce	2.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		10-2019	Lark	Scio	2.0	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		12-2018	Apex (formerly "Blue") 120/41.6 kV		0.0	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		12-2018	Lark 120 kV		0.0	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		12-2018	Phoenix	Apex (formerly "Blue")	2.6	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		12-2018	Phoenix	Apex (formerly "Blue")	2.6	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		05-2019	Pioneer	State	2.7	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		05-2019	Pioneer	State	2.7	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		12-2018	Phoenix 120/41.6 kV		0.0	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		05-2019	Pioneer 120/41.6 kV		0.0	OH	ITC Transmission	Reliability
2016	MISO	Planned	100-120	120		05-2019	State 120/41.6 kV		0.0	OH	ITC Transmission	Reliability
2016	MISO	Complete	100-120	120		11-2016	Waterman	Cato	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	200-299	230		06-2020	Waterman	DIG-Navarre	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		06-2020	Waterman	Zug	0.0	OH	ITC Transmission	Reliability
2016	MISO	Complete	100-120	120		11-2016	Waterman	St. Antoine	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		12-2017	Waterman	Frisbie	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	151-199	161	410 MVA	12-2019	Pleasant Corner	Beacon	16.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Delayed - Other	151-199	161	2000A	12-2019	Beacon		0.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Complete	151-199	161		04-2017	Sub 56	Sub 78	4.9	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Planned	151-199	161		04-2017	Sub 78		0.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Planned	151-199	161		04-2017	Sub 56		0.0	OH	MidAmerican Energy Comp	Reliability

2016 MISO	Delayed - Other	300-399	345	3000A	11-2017	Sub 93		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Planned	151-199	161	410	06-2015	Ashawa	Army Post Road	4.3	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161	410	06-2017	Willow Creek	Greenfield Plaza	4.8	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Planned	151-199	161	410	06-2014	Army Post	Willow Creek	1.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Planned	151-199	161	410	12-2016	Brooks	Adams County	10.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Planned	151-199	161	2000	12-2016	Brooks		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	121-150	138	303 MVA	12-2018	Delhi	Canal Jct	7.2	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138	303 MVA	12-2018	Delhi		0.0	OH	METC	Reliability
2016 MISO	Planned	121-150	138		06-2017	Dort	Pasadena	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138	304 MVA	12-2018	Four Mile	Wealthy Street	7.7	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Wealthy Street		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Four Mile		0.0	OH	METC	Reliability
2016 MISO	Planned	121-150	138	287 MVA	06-2018	Broadmoor	Plaster Creek	1.1	OH	METC	Reliability
2016 MISO	Delayed - Other	300-399	345	239 MVA	12-2017	Argenta	Battle Creek	27.9	OH	METC	Reliability
2016 MISO	Delayed - Other	300-399	345		12-2017	Battle Creek		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017	Emmet	Livingston	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138	199	02-2019	Amber	Donaldson Creek	19.8	OH	METC	Reliability
2016 MISO	Planned	121-150	138	430 MVA	06-2017	Beals Road		0.0	OH	METC	Reliability
2016 MISO	Complete	121-150	138		01-2017	North Belding	Vergennes	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2019	Riggsville	Port Calcite	45.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2019	Port Calcite	Rockport	24.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2020	Vestaburg	Alma	16.7	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		06-2019	Donaldson Creek		0.0	OH	METC	Reliability
2016 MISO	Planned	121-150	138		06-2017	Coldwater		0.0	OH	METC	Reliability
2016 MISO	Planned	121-150	138		06-2018	Cornell	Blue Water Jct.	0.0	OH	METC	Reliability
2016 MISO	Planned	121-150	138		06-2018	Donaldson Creek	White Lake	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	300-399	345		12-2017	Roosevelt	Gaines	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017	Gaylord	Livingston	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Beecher		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Beecher	Whiting	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Morocco		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Beecher	Samaria	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017	METC Pole Top Switches Additions-Replacement Program -		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Hackett Jct.	Laundra Jct.	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	METC Pole Top Switches Additions-Replacement Program		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Argenta	Morrow	10.5	OH	METC	Reliability
2016 MISO	Complete	300-399	345		08-2016	Kenowa		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	300-399	345		12-2017	Ludington		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	300-399	345		05-2018	Tallmadge		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	300-399	345		05-2018	Meyer (formerly "Hayes Street")		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017	Moore Road		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		10-2017	Leoni	Page Ave	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2018	Croton	Felch Road	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138	180	12-2017	Hemphill	Sabine	0.0	OH	METC	Reliability
2016 MISO	Planned	121-150	138		06-2017	Cobb	Sternberg	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017	Claremont	Layton	17.2	OH	METC	Reliability
2016 MISO	Complete	121-150	138		09-2016	Green 138 kv		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	100-120	115		12-2017	Dog Lake		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	100-120	115	10	10-2016	Straight River		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	100-120	115	55	05-2018	Arrowhead	16L Tap	3.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	200-299	230		10-2016	Minntac		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	200-299	230		10-2016	Minntac	Forbes	0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	39	12-2016	Hat Trick		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Lagrange	Lagrange	0.0	OH	Northern Indiana Public Ser	Reliability
2016 MISO	Planned	121-150	138		05-2018	Kosciusko		0.0	OH	Northern Indiana Public Ser	Reliability
2016 MISO	Planned	121-150	138		05-2018	Reynolds		0.0	OH	Northern Indiana Public Ser	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	17HIPL		0.0	OH	Northern Indiana Public Ser	Reliability
2016 MISO	Delayed - Other	100-120	115		11-2018	Donaldson 115	Drayton 115	0.0	OH	Otter Tail Power Company	Reliability
2016 MISO	Planned	300-399	345			Duff	Rockport	0.0	OH	Midcontinent Independent	Economics/Congestion
2016 MISO	Delayed - Other	121-150	138	229	12-2019	Fishhook	Pittsfield	14.5	OH	Prairie Power, Inc.	Reliability
2016 MISO	Delayed - Other	121-150	138	229	12-2019	Fishhook 138 kv	Liberty 138 kv	12.0	OH	Prairie Power, Inc.	Reliability
2016 MISO	Delayed - Other	121-150	138	75	12-2019	Liberty 138 kv	Liberty 69 kv	0.0	OH	Prairie Power, Inc.	Reliability
2016 MISO	Delayed - Other	200-299	230	501 MVA	08-2018	Waynesboro	Missionary	38.3	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	151-199	161	296	09-2020	Homewood	Missionary	19.5	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	151-199	161	296	02-2020	Homewood	Missionary	31.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	151-199	161		12-2017	Homewood		0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	151-199	161		06-2018	Missionary		0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	200-299	230	250 MVA	06-2018	Missionary		0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2018	Waynesboro - Missionary	Laurel East - Enterprise	0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2018	Waynesboro - Missionary	Laurel East - Enterprise	0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2018	Waynesboro		0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2018	Waynesboro		0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2018	Waynesboro		0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2018	Missionary		0.0	OH	South Mississippi Electric P	Reliability
2016 MISO	Planned	300-399	345		01-2021	Duff		0.0	OH	Midcontinent Independent	Economics/Congestion
2016 MISO	Planned	121-150	138		12-2017	Airport	Substation Upgrade	0.0	OH	Wolverine Power Supply Cc	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018	Airport		0.0	OH	Wolverine Power Supply Cc	Reliability
2016 MISO	Planned	121-150	138		01-2017	Airport		0.0	OH	Wolverine Power Supply Cc	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017	Airport 138kv & 69kv		0.0	OH	Wolverine Power Supply Cc	Reliability

2016	MISO	Complete	100-120	115		03-2016	T-Corners		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	100-120	115		12-2016	Lake Bavaria		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	100-120	115		12-2015	First Lake		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	151-199	161		03-2017	Poplar Lake		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Planned	100-120	115		01-2019	Yankee		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	200-299	230		12-2018	Ward County		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	200-299	230	500	12-2018	Ward County	McHenry	20.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	100-120	115	230	09-2023	Ward County	Souris	7.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	100-120	115	230	09-2023	Ward County	Souris	7.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Complete	100-120	115		04-2015	Owen Pump		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Complete	151-199	161		04-2015	Stone Lake Pump		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	100-120	115		12-2018	New Sub (South)		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Complete	100-120	115		06-2016	Renner		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Cancelled - Other	300-399	345		06-2018	Bailey Road		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Complete	300-399	345		12-2015	Crandal		0.0	OH	Northern States Power (Xc	Variable/Renewable Integration
2016	MISO	Delayed - Other	121-150	138	294	06-2022	Portage	Trienda	3.4	OH	American Transmission Co.	Reliability
2016	MISO	Complete	121-150	138	404	12-2016	Oak Creek	Pennsylvania	4.5	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	293	06-2019	Mukwonago	Edgewood	7.2	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	287	06-2019	Edgewood	St. Martins	7.1	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	293	03-2015	Hartford	Butler Ridge	2.5	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	293	06-2019	Geneva	North Lake Geneva	12.5	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	293	06-2019	Spring Valley	Geneva	11.6	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	293	06-2019	Bain	Spring Valley	14.5	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	319	12-2021	Port Washington	Saukville	0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	319	12-2021	Port Washington	Saukville	0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	285	03-2017	Bain	Albers	3.1	OH	American Transmission Co.	Reliability
2016	MISO	Complete	100-120	115	205	12-2013	Rocky Run	Plover	2.6	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	246	12-2015	Waukesha	Merrill Hills	12.3	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	288	04-2015	Merrill Hills	Summit	6.7	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	100-120	115		06-2016	Knowlton		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	100-120	115		06-2016	Knowlton	Dewey	0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	100-120	115		06-2016	Weston	Knowlton	0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	246	06-2017	University	Whitewater	6.2	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	246	06-2017	University	Mukwanago	22.7	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	175	06-2017	Whitewater	Bluff Creek	5.0	OH	American Transmission Co.	Reliability
2016	MISO	Complete	121-150	138	117	08-2016	North Fond Du Lac	Metomen	1.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	120	09-2016	North Fond Du Lac	Green Lake	1.0	OH	American Transmission Co.	Reliability
2016	MISO	Complete	100-120	115		04-2015	Cedar Creek		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115		05-2015	Cedar Creek		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115		05-2015	Cedar Creek		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	100-120	115	205	06-2015	Cedar Creek	Dewey	15.7	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	255	01-2016	Latham	Mason City	15.8	OH	Ameren Services Company	Reliability
2016	MISO	Delayed - Other	121-150	138	399	06-2017	Edwards Plant	ADM-Peoria (Hiram)	6.8	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138		06-2016	Mt. Zion Rt. 121 Sub		0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138		12-2018	Gifford Sub		0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138		12-2017	Cahokia	Dupo Ferry	7.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138		04-2016	Neoga, South		0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138		09-2019	Lasalle Tap (Hickok)	Install 138 kV Breaker Statio	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138	255	09-2019	Hennepin	Oglesby	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Cancelled - Other	300-399	345		12-2024	Campbell Tap (Kerr)	Intall 345 kV Breaker Station	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138		09-2019	Clayton Junction (Monument)	Install 138 kV Breaker Statio	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138	240	09-2019	Merredosia East	Monument	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138	240	09-2019	East Quincy	Monument	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138	175	09-2019	Macomb	Monument	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	300-399	345		09-2019	Ramsey, East	Install 345 kV Ring Bus	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138		11-2020	Oglesby	Rebuild Substation	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138	269	12-2016	Rivermines	Maries	60.0	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138	269	12-2016	Maries	Osage	34.3	OH	Ameren Services Company	Reliability
2016	MISO	Complete	121-150	138	269	12-2016	Clark	Osage	95.0	OH	Ameren Services Company	Reliability
2016	MISO	Delayed - Other	300-399	345	1692	05-2016	Sidney	Eugene	29.3	OH	Ameren Services Company	Reliability
2016	MISO	Planned	121-150	138	275	12-2018	Dupo Ferry	Buck Knob	22.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned	300-399	345	1178	12-2017	Kelso	Lutesville	17.6	OH	Ameren Services Company	Reliability
2016	MISO	Delayed - Other	151-199	161	143 MVA	04-2017	University Ave.	Transformer	0.0	OH	Cedar Falls Utilities	Reliability
2016	MISO	Delayed - Other	121-150	138	478	03-2017	Dresser	Wabash River Gen. Station	10.0	OH	Duke Energy Corporation	Reliability
2016	MISO	Delayed - Other	200-299	230		09-2017	Hillsdale North	new sub	2.0	OH	Duke Energy Corporation	Reliability
2016	MISO	Complete	121-150	138		05-2016	Wabash River Sta.		0.0	OH	Duke Energy Corporation	Reliability
2016	MISO	Complete	121-150	138		10-2016	Wabash River Sta.		0.0	OH	Duke Energy Corporation	Reliability
2016	MISO	Delayed - Other	100-120	115	266 MVA	05-2016	HS EHV 115 kV Substation	HS Industrial 115 kV Substat	0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Planned	100-120	115		01-2018	Jacksonville North 115 kV substation		0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Delayed - Other	400-599	500		06-2017	ISES 500 kV substation		0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Delayed - Other	400-599	500		12-2016	Mabelvale 500 kV Substation		0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Planned	400-599	500		06-2018	El Dorado 500 kV substation		0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Complete	400-599	500		07-2016	Hot Springs 500 kV substation		0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Delayed - Other	151-199	161	24 MVAR	05-2017	Datto		0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Delayed - Other	400-599	500	2546	06-2018	ANO 500kV substation	Mabelvale 500kV substation	0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Complete	400-599	500	2546	12-2017	ANO 500kV substation	Pleasant Hill 500kV substat	0.0	OH	Entergy Arkansas	Reliability
2016	MISO	Delayed - Other	400-599	500		04-2018	Willow Glen 500 kV substation		0.0	OH	Entergy	Reliability

2016	MISO	Planned	400-599	500	06-2018	Fancy Point 500kV substation		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	05-2017	Schriever230 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Complete	200-299	230	11-2016	Waterford 230 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Complete	200-299	230	11-2016	Waterford 230 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	06-2017	Ninemile 230 kV		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	06-2017	Southport 230 kV		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	06-2017	Labarre 230 kV		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	03-2017	Harrahan 230 kV		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	06-2017	Market Street 230 kV		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	12-2018	Tap	Panama	0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	12-2018	Richardson	Iberville	11.0	OH	Energy	Reliability
2016	MISO	Complete	200-299	230	07-2016	Romeville		0.0	OH	Energy	Reliability
2016	MISO	Under Construction	100-120	115	115 398 MVA	10-2017 Franklin 115 kV substation	McComb 115 kV substation	25.0	OH	Energy	Reliability
2016	MISO	Under Construction	100-120	115	115 398 MVA	10-2017 Franklin 115 kV substation	McComb 115 kV substation	0.0	OH	Energy	Reliability
2016	MISO	Complete	100-120	115	04-2016	Rex Brown 115 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Complete	100-120	115	08-2016	Rex Brown 115 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Complete	100-120	115	03-2016	Rex Brown 115 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	100-120	115	05-2017	Rex Brown 115 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	100-120	115	05-2017	Rex Brown 115 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Complete	100-120	115	05-2016	Rex Brown 115 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Complete	100-120	115	03-2016	Rex Brown 115 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Complete	100-120	115	11-2016	Greenville 115 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Complete	100-120	115	05-2016	Madison Ave		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	04-2016	Sabine 230 kV Substation		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	200-299	230	04-2016	VFW Park 230 kV substation		0.0	OH	Energy	Reliability
2016	MISO	Delayed - Other	100-120	115	190	06-2017 Quarry	West St. Cloud	0.0	OH	Great River Energy	Reliability
2016	MISO	Delayed - Other	100-120	115	06-2017	West St. Cloud		0.0	OH	Great River Energy	Reliability
2016	MISO	Delayed - Other	100-120	115	08-2016	St. Stephen		1.0	OH	Great River Energy	Reliability
2016	MISO	Delayed - Other	100-120	115	05-2019	Priam		0.0	OH	Great River Energy	Reliability
2016	MISO	Delayed - Other	100-120	120	08-2017	Tuscola		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	04-2018	Carrigan		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	134 MVA	04-2018 Carrigan	Yuma	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	274 MVA	04-2018 Carrigan	Wabash	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	134 MVA	04-2018 Carrigan	Menlo	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	305 MVA	04-2018 Carrigan	Lake Huron Pumping 1 Tap	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	305 MVA	04-2018 Lee	Menlo	2.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	200-299	230	743 MVA	12-2017 Brownstown	Elm	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	200-299	230	739 MVA	12-2017 Brownstown	Navarre	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	196 MVA	09-2017 Dorset	Milan	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	200-299	230	585 MVA	10-2017 Wayne	Hines	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	12-2017	Blanket for Customer Intercon Throughou	Throughout system	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	12-2018	Blanket for Customer Intercon Throughou	Throughout system	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	09-2017	Trenton Channel 120 kV Bus 14		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	09-2017	Trenton Channel 120 kV Bus 17		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	151-199	161	327 MVA	12-2016 Marshalltown	Toledo	16.0	OH	ITC Midwest	Reliability
2016	MISO	Complete	151-199	161	09-2016	Stoney Point	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Complete	151-199	161	09-2016	Belle Plaine	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	12-2016	Toledo	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	12-2016	Marshalltown	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Complete	151-199	161	327 MVA	09-2016 Belle Plaine	Stoney Point	27.3	OH	ITC Midwest	Reliability
2016	MISO	Complete	151-199	161	327 MVA	09-2016 Toledo	Belle Plaine	16.5	OH	ITC Midwest	Reliability
2016	MISO	Cancelled - Other	100-120	120	204 MVA	04-2040 Custer	Monroe	2.9	OH	ITC Transmission	Reliability
2016	MISO	Cancelled - Other	100-120	120	204 MVA	04-2040 Monroe	Whiting	2.9	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	03-2017	Lapeer		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	03-2017	Tuscola		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	270	03-2017 Klam	Lapeer	3.1	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	305	03-2017 Klam	Bergen Tap	3.1	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	03-2017	Klam		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120	03-2017	Klam		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	300-399	345	07-2016	Stein		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	300-399	345	07-2016	Rapson		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	115	12-2019	North Dickinson	2 PCB	0.0	OH	Montana-Dakota Utilities C	Reliability
2016	MISO	Delayed - Other	100-120	115	120	12-2019 North Dickinson	Dickinson West	3.0	OH	Montana-Dakota Utilities C	Reliability
2016	MISO	Planned	100-120	115	25	06-2017 South 9th	115/12.47 kV transformer	0.0	OH	Montana-Dakota Utilities C	Reliability
2016	MISO	Planned	100-120	115	190	06-2017 South 9th tap	South 9th	0.0	OH	Montana-Dakota Utilities C	Reliability
2016	MISO	Delayed - Other	100-120	115	10-2015	Kenmare Jct	Lignite Jct	40.0	OH	Montana-Dakota Utilities C	Reliability
2016	MISO	Planned	151-199	161	05-2017	Sioux City Airport	Substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Complete	151-199	161	405	05-2015 Sub 47	Sub 48	0.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Delayed - Other	151-199	161	405	12-2015 Sub 48	Sub 47	0.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Complete	151-199	161	405	11-2015 Sub 39	Sub 47	0.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Complete	151-199	161	405	11-2015 Sub 47	Sub 39	0.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Delayed - Other	121-150	138	02-2017	Plum	Stover	8.8	OH	METC	Reliability
2016	MISO	Delayed - Other	121-150	138	315 MVA	09-2017 Vergennes	Marquette	17.2	OH	METC	Reliability
2016	MISO	Delayed - Other	121-150	138	154 MVA	12-2017 Bass Creek	Sternberg	15.9	OH	METC	Reliability
2016	MISO	Delayed - Other	121-150	138	05-2017	Riggsville	Rondo	0.0	OH	METC	Reliability
2016	MISO	Complete	121-150	138	11-2016	Lawndale	Murphy	2.8	OH	METC	Reliability
2016	MISO	Delayed - Other	121-150	138	12-2017	Blanket for Customer Intercon Throughou	Throughout system	0.0	OH	METC	Reliability
2016	MISO	Delayed - Other	121-150	138	12-2018	Blanket for Customer Intercon Throughou	Throughout system	0.0	OH	METC	Reliability

2016 MISO	Planned				12-2017 METC Hemphill Control Reloca	Hemphill	0.0	OH	METC	Reliability
2016 MISO	Planned				12-2017 METC Morrow Control Relocati	Morrow	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2016 Tippy	Stronach	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2017 Blackstone		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2019 Croton	Four Mile	0.0	OH	METC	Reliability
2016 MISO	Complete	121-150	138		10-2016 Karn	Manning	0.0	OH	METC	Reliability
2016 MISO	Complete	121-150	138		11-2016 Karn	Saginaw River	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138	225 MVA	09-2017 Morrow	Battle Creek	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138	180 MVA	12-2017 Verona	Foundry	0.0	OH	METC	Reliability
2016 MISO	Planned	400-599	500	1732	06-2020 Warroad River		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	400-599	500	1200	06-2020 Iron Range		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	400-599	500	1732	06-2020 US/MB Border	Iron Range	220.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	200-299	230		06-2020 Iron Range	various	2.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	200-299	230		06-2020 Hilltop		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	200-299	230		06-2020 Arrowhead		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	200-299	230		06-2020 Forbes		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	200-299	230		06-2020 Blackberry		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	39	06-2016 Canosia Road	New Substation	0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2017 Hoyt Lakes		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	121-150	138	30	01-2017 Hoyt Lakes		0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	200-299	230		12-2016 Fergus Falls	Silver Lake	0.0	OH	Missouri River Energy Servi	Reliability
2016 MISO	Delayed - Other	100-120	115		12-2016 Detroit Lakes West	Detroit Lakes Industrial	0.0	OH	Missouri River Energy Servi	Reliability
2016 MISO	Delayed - Other	100-120	115		12-2016 Edgetown	Pelican Rapids	0.0	OH	Missouri River Energy Servi	Reliability
2016 MISO	Delayed - Other	100-120	115		12-2016 Audubon	Cormorant Jct.	0.0	OH	Missouri River Energy Servi	Reliability
2016 MISO	Delayed - Other	100-120	115		12-2016 Alexandria Tap	Miltona Tap	0.0	OH	Missouri River Energy Servi	Reliability
2016 MISO	Delayed - Other	100-120	115		12-2016 Alexandria - MRES	Grant County	0.0	OH	Missouri River Energy Servi	Reliability
2016 MISO	Delayed - Other	100-120	115		01-2017 NERC Alert Facility Ratings for	Throughout system	0.0	OH	Otter Tail Power Company	Reliability
2016 MISO	Delayed - Other	121-150	138		05-2016 Alsey		0.0	OH	Prairie Power, Inc.	Reliability
2016 MISO	Complete	151-199	161	446	06-2015 Purvis Bulk	Plant Morrow	4.6	OH	South Mississippi Electric P	Reliability
2016 MISO	Complete	151-199	161	446	06-2015 Purvis Bulk	Plant Morrow	4.6	OH	South Mississippi Electric P	Reliability
2016 MISO	Delayed - Other	100-120	115		06-2017 Quarry		0.0	OH	Great River Energy	Reliability
2016 MISO	Delayed - Other	151-199	161	112	12-2016 Tremval		0.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Delayed - Other	151-199	161		01-2018 Gravel Island		0.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Planned	300-399	345	1195	09-2018 Split Rock	Nobles County	35.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Complete	300-399	345	1195	12-2015 Nobles County	Lakefield Junction	35.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Complete	121-150	138	332	03-2016 Oak Creek	Nicholson	6.4	OH	American Transmission Co.	Reliability
2016 MISO	Planned	121-150	138		12-2017 Shoto		0.0	OH	American Transmission Co.	Reliability
2016 MISO	Delayed - Other	121-150	138	293	06-2015 St. Lawrence	Hartford	5.2	OH	American Transmission Co.	Reliability
2016 MISO	Delayed - Other	121-150	138	293	02-2016 Rubicon	Concord	12.1	OH	American Transmission Co.	Reliability
2016 MISO	Complete	121-150	138	293	03-2016 Nicholson	Barland	1.5	OH	American Transmission Co.	Reliability
2016 MISO	Complete	121-150	138	246	11-2016 Pulliam	Liberty St	3.9	OH	American Transmission Co.	Reliability
2016 MISO	Planned				03-2016 Pulliam		0.0	OH	American Transmission Co.	Reliability
2016 MISO	Complete	121-150	138	246	03-2016 Ashland Ave	Glory Rd	1.2	OH	American Transmission Co.	Reliability
2016 MISO	Planned	121-150	138	246	03-2016 Liberty St	Ashland Ave	2.8	OH	American Transmission Co.	Reliability
2016 MISO	Complete	121-150	138	324	02-2016 Racine	Oak Creek	0.0	OH	American Transmission Co.	Reliability
2016 MISO	Complete	121-150	138	246	05-2016 Ramsey	Kansas	0.0	OH	American Transmission Co.	Reliability
2016 MISO	Delayed - Other	121-150	138	278	06-2016 Butte des Morts	North Appleton	0.0	OH	American Transmission Co.	Reliability
2016 MISO	Complete	121-150	138	240	12-2016 Madison Industrial	Madison State Street	2.4	OH	Ameren Services Company	Reliability
2016 MISO	Complete	121-150	138	240	04-2016 Diamond Star	West Washington Street	1.3	OH	Ameren Services Company	Reliability
2016 MISO	Complete	121-150	138	269	12-2016 Grand Tower	Makanda	16.9	OH	Ameren Services Company	Reliability
2016 MISO	Planned	121-150	138	382 MVA	06-2014 N Auburn	Chatham Main	2.6	OH	City of Springfield, IL - CWL	Reliability
2016 MISO	Delayed - Other	200-299	230		12-2018 Five Points 230kV	brkr replacements	0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	200-299	230		12-2019 Lafayette 230	breaker	0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Planned	100-120	115	239	03-2015 Deer River	Enbridge-Deer River	0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	70	11-2016 St. Bonifacius		0.0	OH	Great River Energy	Reliability
2016 MISO	Delayed - Other	121-150	138		04-2016 Eagle Valley 138 kV Substation	new gen i-connect	0.0	OH	Indianapolis Power & Light	Variable/Renewable Integration
2016 MISO	Complete	100-120	120		04-2017 Greenwood		0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		06-2016 Southfield	Sunset	6.4	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		06-2016 Drake	Northwest	4.3	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		06-2016 Quaker	Drake	2.1	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		08-2016 Bloomfield	Hamlin	3.5	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		07-2016 Bloomfield		0.0	OH	ITC Transmission	Reliability
2016 MISO	Planned	100-120	120		11-2018 Toll Road 120kV		0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		12-2018 Toll Road		0.0	OH	ITC Transmission	Reliability
2016 MISO	Planned	100-120	120		11-2018 Toll Road	Fermi	0.0	OH	ITC Transmission	Reliability
2016 MISO	Planned	100-120	120		11-2018 Toll Road	Swan Creek	0.0	OH	ITC Transmission	Reliability
2016 MISO	Planned	100-120	120		11-2018 Toll Road	Fermi	0.0	OH	ITC Transmission	Reliability
2016 MISO	Planned	100-120	120		11-2018 Toll Road	Radka	0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		06-2019 Toll Road	Fermi	0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		06-2019 Toll Road	Shoal	0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		12-2016 Seville 1 & 2		0.0	OH	ITC Transmission	Reliability
2016 MISO	Under Construction				12-2014 ICTT Pole Top Switch Additions	Throughout system	0.0	OH	ITC Transmission	Reliability
2016 MISO	Planned	100-120	120		06-2016 Topaz 2	Peru	0.0	OH	ITC Transmission	Reliability
2016 MISO	Complete	100-120	120		01-2016 Houston 1 & 2 Taps		0.0	OH	ITC Transmission	Reliability
2016 MISO	Complete				12-2015 ICTT Pole Top Switch Additions	Throughout system	0.0	OH	ITC Transmission	Reliability
2016 MISO	Complete	100-120	120		11-2016 Long Lake 1 & 2		0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	151-199	161	250 MVA	04-2015 Hayward	Substation	0.0	OH	ITC Midwest	Reliability
2016 MISO	Delayed - Other	151-199	161	250 MVA	04-2015 Triboji	Substation	0.0	OH	ITC Midwest	Reliability

2016 MISO	Delayed - Other	151-199	161	250 MVA	04-2015 Flying Cloud	Substation	0.0	OH	ITC Midwest	Reliability
2016 MISO	Delayed - Other	151-199	161		12-2019 Fletcher	Substation	0.0	OH	ITC Midwest	Reliability
2016 MISO	Planned				12-2016 Blanket for Replacement of PCI	Throughout system	0.0	OH	ITC Midwest	Reliability
2016 MISO	Planned				12-2015 Blanket for Replacement of PCI	Throughout system	0.0	OH	ITC Midwest	Reliability
2016 MISO	Planned	151-199	161	410	12-2018 NE 54th Ave.	Bondurant	8.3	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	100-120	120		05-2018 Frisbie	Waterman	0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		06-2017 Lincoln	Northeast	0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	151-199	161	167	12-2014 Sub T Fort Dodge		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161	33	06-2018 NE 54th Ave.	Substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161	410	06-2018 Rising Sun Substation	NE 54th Ave.	6.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161		05-2018 Rising Sun Substation		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Cancelled - Other	151-199	161	410	12-2017 Pottawattamie County	Sub 701	15.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Cancelled - Other	151-199	161	410 MVA	12-2018 Quick	Sub 701	15.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Cancelled - Other	151-199	161	2000 A	12-2018 Quick		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Cancelled - Other	151-199	161		12-2018 Sub 701		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161	557	12-2019 Sub 701	Missouri River	6.7	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161	410	12-2016 Hwys 141 & 44	NW 70th Avenue	3.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161	33	12-2016 NW 70th Avenue	Substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161	410	12-2016 NW 70th Avenue	Sycamore	4.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018 Verona		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2016 Marshall	Blackstone	34.5	OH	METC	Reliability
2016 MISO	Under Construction	121-150	138		06-2017 Battle Creek	Island Road	23.9	OH	METC	Reliability
2016 MISO	Delayed - Other	300-399	345		09-2017 Argenta	Tallmadge	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2018 Verona		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2017 Bass Creek	Black River	0.0	OH	METC	Reliability
2016 MISO	Under Construction	200-299	230	187	12-2015 Deer River Substation	Substation Equipment	0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	122	11-2016 GRE Deer River	MP Deer River	1.8	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Under Construction	100-120	115	10	12-2015 Deer River Substation	Substation Equipment	0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	116	10-2014 Akeley	Laporte	5.5	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	182	09-2016 Winter Street	Fairmount Park	3.5	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	85	12-2016 Wing River	Long Prairie	31.6	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	144	12-2016 Virginia	Minntac	6.3	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	120	12-2016 Virginia	Inland	4.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	55	12-2016 Virginia	Hibbing	28.7	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	90	12-2016 Virginia	16 Line Tap	11.1	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	98	12-2016 Verndale	Wing River	1.1	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	77	12-2016 Verndale	24 Line Tap	16.4	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	98	12-2016 Thomson	Cromwell	28.1	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	84	12-2016 Thomson	Potlatch	6.9	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	90	12-2016 Thomson	Fond Du Lac	2.2	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	159	12-2016 Taconite Harbor	Silver Bay	24.9	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	144	12-2016 Swan Lake Road	Ridgeview	2.9	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	151-199	161	168	12-2016 Stinson	Stone Lake	42.6	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	98	12-2016 Stinson	Bayfront	25.8	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	175	12-2016 Stinson	Fairmount Park	3.1	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	217	12-2016 Shannon	Hibbtac Pumps	7.5	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	217	07-2014 Shannon	Hibbtac	5.6	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	85	08-2014 Scearcyville	Baxter	3.7	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	77	12-2016 Scearcyville	24 Line Tap	16.7	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	98	12-2016 Savanna	9 Line Tap	13.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	77	12-2016 Riverton	Baxter	13.5	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	58	12-2016 Riverton	Pequot Lakes	19.2	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	144	12-2016 Nashwauk	Blackberry	13.1	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	144	12-2016 Nashwauk	Blackberry	13.2	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	144	12-2016 Nashwauk	National	6.2	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	144	12-2016 Nashwauk	14 Line Tap	4.9	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	71	12-2016 Mud Lake	Little Falls	28.5	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	98	12-2016 Mud Lake	Brainerd	4.4	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	98	05-2016 Long Prairie	Douglas County	9.4	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	98	12-2016 Long Prairie	Pepin Lake	12.7	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	187	03-2015 Little Fork	International Falls	22.2	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	103	06-2016 Little Falls	West St. Cloud	17.6	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	98	12-2014 Laskin	Virginia	25.9	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	113	02-2015 Laskin	Forbes	31.4	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	98	04-2016 Laskin	Embarrass	10.2	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	180	09-2016 International Falls	Fort Frances	2.2	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	134	03-2016 Inland	Minntac	4.7	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	168	09-2016 Hoyt Lakes	Laskin	5.8	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	182	06-2015 Hilltop	LSPi	2.9	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	120	12-2016 Hilltop	15th Ave West	4.6	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	144	07-2016 Hibbtac	78 Line Tap	7.8	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	217	05-2014 Hibbtac	Hibbtac Pumps	4.5	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	113	10-2014 Hibbtac	44 Line Tap	6.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	91	06-2014 Hibbing	44 Line Tap	1.7	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	99	02-2016 Hibbing	14 Line Tap	5.8	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	182	09-2016 Hibbard	Winter Street	3.4	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Complete	100-120	115	144	05-2016 Haines Road	Swan Lake Road	1.3	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	100-120	115	55	12-2016 Grand Rapids	Riverton	67.7	OH	Minnesota Power (Allete, I	Reliability

2016	MISO	Complete	100-120	115	207	09-2016	Gary	Stinson	11.1	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	113	03-2015	Forbes	78 Line Tap	15.9	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	85	04-2016	Forbes	44 Line Tap	17.8	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	120	11-2016	Forbes	ETCO	6.3	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	40	03-2016	Fond Du Lac	Hibbard	11.5	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	90	03-2015	ETCO	16 Line Tap	1.5	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	64	06-2015	Embarrass	Babbitt	26.4	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	90	03-2015	Embarrass	Virginia	15.3	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	77	10-2016	Cromwell	Riverton	61.2	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	78	03-2016	Cloquet	9 Line Tap	30.3	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	71	02-2016	Brainerd	Riverton	13.1	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	120	10-2015	Boswell	Grand Rapids	10.7	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	120	12-2015	Boswell	Nashauk	36.1	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	120	02-2016	Boswell	Blandin	7.8	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	120	03-2016	Ridgeview	Colbyville	9.1	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	144	07-2014	National	78 Line Tap	4.1	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	85	06-2015	Boise	International Falls	1.4	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	135	11-2014	Blandin	20 Line Tap	8.3	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	90	05-2016	Blanchard	Little Falls	8.4	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	98	11-2016	Blanchard	Pepin Lake	14.3	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	118	07-2016	Colbyville	Two Harbors	23.0	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	182	03-2015	Blackberry	9 Line Tap	32.8	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	122	10-2014	Badoura	Akeley	9.4	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Delayed - Other	100-120	115	91	12-2016	Badoura	Hubbard	14.8	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	58	03-2016	Badoura	Dog Lake	34.0	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	235	12-2013	Arrowhead	Gary	10.5	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	120	11-2016	Arrowhead	15th Ave West	11.9	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	182	08-2015	Arrowhead	Hibbard	10.7	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	135	03-2015	Arrowhead	Haines Road	7.6	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	144	03-2016	Arrowhead	Colbyville	19.2	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	120	06-2015	Arrowhead	Cloquet	10.5	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Complete	100-120	115	55	03-2016	Arrowhead	16 Line Tap	44.8	OH	Minnesota Power (Allete, I	Reliability
2016	MISO	Under Construction	100-120	115		07-2017	Yankee		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Planned	100-120	115		06-2019	Fenton		0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Planned	121-150	138	504	06-2025	Arcadian	Waukesha	3.9	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	504	06-2025	Arcadian	Waukesha	4.1	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	294	08-2016	Holmes	Old Mead Road	65.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	300-399	345		10-2018	Morgan		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	294	03-2017	Morgan	Stiles	11.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138		08-2017	Benson Lake		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	300-399	345	1204	10-2018	North Appleton	Morgan	40.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	300-399	345		05-2018	North Appleton		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	121-150	138	255	03-2015	Paris	Albers	9.3	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	294	10-2018	North Appleton	Morgan	40.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	240	12-2018	Wallen Creek	Install 1200 A breaker and d	0.0	OH	Ameren Services Company	Reliability
2016	MISO	Planned				12-2014	G667-200987	Round Lake Tap	0.0	OH	Great River Energy	Variable/Renewable Integration
2016	MISO	Planned	100-120	115		09-2018	McHenry		0.0	OH	Great River Energy	Variable/Renewable Integration
2016	MISO	Complete	100-120	120		07-2016	Bismarck	Stephens	5.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	300-399	345		05-2017	St. Clair		0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	100-120	120		12-2016	Blanket for Customer Intercon	Throughout system	0.0	OH	ITC Transmission	Reliability
2016	MISO	Delayed - Other	121-150	138		12-2016	Blanket for Customer Intercon	Throughout system	0.0	OH	METC	Reliability
2016	MISO	Delayed - Other	151-199	161		01-2017	8th Street	Salem	3.5	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	558 MVA	01-2017	8th Street	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	558 MVA	01-2017	Salem	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161		12-2018	Arnold	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161	143 MVA	12-2020	Plaza	Substation	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161		12-2020	Plaza	Marshalltown	0.0	OH	ITC Midwest	Reliability
2016	MISO	Delayed - Other	151-199	161		12-2020	Plaza	Timber Creek	0.0	OH	ITC Midwest	Reliability
2016	MISO	Planned	151-199	161	33	07-2021	Norwalk		0.0	OH	MidAmerican Energy Comp	Reliability
2016	MISO	Planned	121-150	138		06-2030	Tippy	SVC	0.0	OH	METC	Reliability
2016	MISO	Delayed - Other	300-399	345		12-2018	Palisades		0.0	OH	METC	Reliability
2016	MISO	Complete	151-199	161		12-2015	Couderay (Radisson)	Osprey	0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	100-120	115		10-2018	Maple River	Red River	0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	100-120	115		10-2018	Red River	substation	0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Delayed - Other	100-120	115		10-2018	Maple River	substation	0.0	OH	Northern States Power (Xc	Reliability
2016	MISO	Planned	300-399	345		12-2023	Cardinal		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	300-399	345		12-2023	Eden		0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	300-399	345	1096	12-2018	Branch River	Sheboygan Energy Center	1.0	OH	American Transmission Co.	Variable/Renewable Integration
2016	MISO	Delayed - Other	300-399	345	1096	12-2018	Branch River	Point Beach	1.0	OH	American Transmission Co.	Variable/Renewable Integration
2016	MISO	Delayed - Other	300-399	345	883	12-2018	Branch River	Forest Jct	0.0	OH	American Transmission Co.	Variable/Renewable Integration
2016	MISO	Delayed - Other	300-399	345	1096	12-2018	Branch River	Point Beach	0.0	OH	American Transmission Co.	Variable/Renewable Integration
2016	MISO	Planned	300-399	345		09-2017	Cardinal	Substation	0.0	OH	American Transmission Co.	Reliability
2016	MISO	Delayed - Other	300-399	345		12-2018	Branch River	substation	0.0	OH	American Transmission Co.	Variable/Renewable Integration
2016	MISO	Planned	300-399	345	1446	12-2018	Briggs Road	North Madison	161.8	OH	American Transmission Co.	Reliability
2016	MISO	Planned	300-399	345	1446	11-2017	North Madison	Cardinal	19.9	OH	American Transmission Co.	Reliability
2016	MISO	Planned	121-150	138	272	02-2017	North Madison	Cardinal	19.9	OH	American Transmission Co.	Reliability
2016	MISO	Planned	300-399	345	1399	12-2023	Eden	Cardinal	60.0	OH	American Transmission Co.	Reliability
2016	MISO	Planned	300-399	345		12-2018	Briggs Road (North LaCrosse)	Substation	0.0	OH	American Transmission Co.	Reliability

2016 MISO	Complete	300-399	345	1793	11-2016 Pana	Faraday	35.9	OH	Ameren Services Company	Reliability
2016 MISO	Cancelled - Other	121-150	138	399	11-2016 Faraday	Mt. Zion PPG	2.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	121-150	138	399	11-2016 Faraday	Mt. Zion PPG	2.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	121-150	138		11-2018 PPG Substation	Install 4-138 kV breakers	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Under Construction	121-150	138	399	06-2017 Mt. Zion PPG	Route 51	4.4	OH	Ameren Services Company	Reliability
2016 MISO	Complete	121-150	138	399	06-2017 Mt. Zion PPG	Mt. Zion Rt. 121	2.4	OH	Ameren Services Company	Reliability
2016 MISO	Complete	121-150	138	275	12-2015 Faries Parkway	Mt. Zion	4.9	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		11-2018 Kansas	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Under Construction	300-399	345		11-2018 Faraday	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Planned	300-399	345	1793	11-2018 Kansas	Sugar Creek	34.5	OH	Ameren Services Company	Reliability
2016 MISO	Planned	300-399	345	1793	11-2018 Faraday	Kansas	70.2	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	1793	09-2016 Rising	Sidney	25.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		06-2016 Sidney	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		06-2016 Rising	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	1793	09-2016 Sidney		0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	1793	09-2016 Rising		0.0	OH	Ameren Services Company	Reliability
2016 MISO	Under Construction	300-399	345	1793	11-2017 Meredosia	Ipava	48.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		11-2016 Meredosia	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Under Construction	300-399	345		06-2017 Ipava	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		01-2016 Austin	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		01-2016 Herleman	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Under Construction	300-399	345	1793	06-2017 Ipava		0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	1793	11-2016 Herleman	Meredosia	46.6	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	1793	11-2016 Maywood	Herleman	15.2	OH	Ameren Services Company	Reliability
2016 MISO	Planned	300-399	345	1793	11-2017 Meredosia	Austin	76.5	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	300-399	345		11-2018 Fargo	Sandburg	39.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	121-150	138		09-2016 Sandburg		0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		05-2016 Fargo		0.0	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	300-399	345	1793	11-2018 Pana	Austin	33.6	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		11-2016 Pana	Area Connection Work	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	300-399	345	1793	12-2019 Ottumwa	Zachary	36.0	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	151-199	161		12-2019 Zachary		0.0	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	300-399	345	560	12-2019 Zachary	Install Transformer	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	560	04-2016 Northwest Cape 345/161 kV	New Substation	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	1793	04-2016 Lutesville	Northwest Cape	11.0	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	300-399	345	1793	12-2019 Zachary	Maywood	60.0	OH	Ameren Services Company	Reliability
2016 MISO	Under Construction	300-399	345	1793	01-2016 Maywood	Establish 345 kV Sub	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Planned	300-399	345	1793	11-2018 IL/N State Line	Sugar Creek	1.5	OH	Ameren Services Company	Reliability
2016 MISO	Under Construction	600+	765	6750	06-2018 Reynolds	Greentown	69.4	OH	Duke Energy Corporation	Reliability
2016 MISO	Planned	121-150	138	179	06-2018 Kokomo Delco	Greentown	10.2	OH	Duke Energy Corporation	Reliability
2016 MISO	Planned	300-399	345	1399	12-2023 Eden	Hickory Creek	49.0	OH	American Transmission Co.	Reliability
2016 MISO	Delayed - Other	200-299	230		05-2021 Ramsey	Grand Forks	81.0	OH	Great River Energy	Reliability
2016 MISO	Planned	100-120	115	0	06-2017 Medina	115 kV breaker station	0.0	OH	Great River Energy	Reliability
2016 MISO	Delayed - Other	121-150	138	345	06-2018 Southwest	Stout CT	2.9	OH	Indianapolis Power & Light	Reliability
2016 MISO	Delayed - Other	100-120	120		04-2017 Majestic	Chelsea (formerly Lima)	5.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	100-120	120		05-2019 Shoal	33.3 Mvar capacitor	0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	300-399	345	1793	11-2018 Ottumwa	IA/MO Border	20.0	OH	Ameren Services Company	Reliability
2016 MISO	Planned	300-399	345		12-2023 Hickory Creek		0.0	OH	American Transmission Co.	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	12-2017 Huntley (formerly Winnebago)	Substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161	178 MVA	12-2017 Winnebago	Fairbault Co	15.1	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161	111 MVA	12-2017 Wincco	Fairbault Co	22.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	06-2018 Ledyard	Burt	19.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161		12-2017 Huntley (formerly Winnebago)	Ledyard	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	12-2017 Huntley (formerly Winnebago)	Ledyard	22.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	12-2017 Ledyard	substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	12-2017 Lakefield	Substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161		12-2017 Rutland	Winnebago	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161		12-2017 Fox Lake	Rutland	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161	168 MVA	12-2017 Rutland	Huntley (formerly Winnebago)	15.2	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161	168 MVA	12-2017 Fox Lake	Rutland	16.5	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161	276 MVA	12-2017 Lakefield	Fox Lake	23.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161		12-2017 Lakefield	Fox Lake	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	12-2017 Lakefield	Huntley (formerly Winnebago)	55.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161		12-2016 Colby	Emery	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161	327 MVA	12-2016 Colby	Emery	16.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	11-2017 Colby	Killdeer	16.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	11-2017 Killdeer	Substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345	800 MVA	11-2017 Colby	Substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	151-199	161	400 MVA	12-2016 Colby	Lime Creek	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161		12-2018 Worth County	Colby	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161		12-2018 Ledyard	Wincco	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161	200 MVA	12-2018 Colby	Worth County	7.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	300-399	345	800 MVA	12-2018 Ledyard	Colby	61.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	300-399	345	800 MVA	10-2015 Hazleton	Substation	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	151-199	161		10-2015 Blackhawk	Hazleton	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	300-399	345	800 MVA	10-2015 Blackhawk	Hazleton	12.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	151-199	161		12-2015 Gladbrook	Gladbrook Tap	0.0	OH	ITC Midwest	Reliability
2016 MISO	Delayed - Other	151-199	161		12-2015 Traer	Gladbrook Tap	0.0	OH	ITC Midwest	Reliability

2016 MISO	Delayed - Other	151-199	161		12-2015 Marshalltown	Gladbrook Tap	0.0	OH	ITC Midwest	Reliability
2016 MISO	Delayed - Other	300-399	345		11-2018 Ottumwa	345 kV terminal	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Under Construction	151-199	161		11-2017 Killdeer	Blackhawk	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345		11-2017 Killdeer	Blackhawk	29.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	300-399	345		11-2017 Blackhawk	Killdeer	63.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	151-199	161	335 MVA	10-2015 Blackhawk	Hazleton	12.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Under Construction	151-199	161		11-2017 Emery	Blackhawk	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	100-120	120		05-2019 Shoal	Custer	0.0	OH	ITC Transmission	Reliability
2016 MISO	Delayed - Other	300-399	345	800 MVA	09-2019 Big Stone South	Ellendale	163.0	OH	Otter Tail Power Company	Reliability
2016 MISO	Planned	300-399	345		10-2018 Ottumwa	Iowa border	22.0	OH	Ameren Services Company	Reliability
2016 MISO	Planned	300-399	345		04-2017 Oak Grove	Sandburg	32.0	OH	Ameren Services Company	Reliability
2016 MISO	Planned	151-199	161	410	04-2017 Sub 56	Sub 85	7.5	OH	Ameren Services Company	Reliability
2016 MISO	Planned	300-399	345		04-2017 Oak Grove	345 kV terminal	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	1739	12-2016 Obrien County	Webster	122.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	300-399	345		12-2016 Kossuth Co.		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	300-399	345		12-2015 Webster		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	300-399	345		04-2016 Obrien County		0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	300-399	345	500	09-2015 Black Hawk	Black Hawk	0.0	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	151-199	161	410	04-2016 Union Tap	Black Hawk	7.9	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	151-199	161	410	12-2016 Butler	Union Tap	15.9	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Complete	151-199	161	410	09-2016 Franklin	Butler	26.2	OH	MidAmerican Energy Comp	Reliability
2016 MISO	Delayed - Other	100-120	115	122	03-2016 Savanna	Floodwood Tap	10.0	OH	Great River Energy	Reliability
2016 MISO	Delayed - Other	300-399	345		12-2019 Reynolds	Hiple	0.0	OH	Northern Indiana Public Ser	Reliability
2016 MISO	Delayed - Other	300-399	345	800 MVA	09-2017 Big Stone South	Brookings	65.0	OH	Otter Tail Power Company	Reliability
2016 MISO	Delayed - Other	200-299	230	674 MVA	09-2017 Big Stone	Big Stone South	2.0	OH	Otter Tail Power Company	Reliability
2016 MISO	Delayed - Other	300-399	345		09-2017 Brookings County	Substation	0.0	OH	Otter Tail Power Company	Reliability
2016 MISO	Delayed - Other	200-299	230	674 MVA	09-2017 Big Stone	Big Stone South	2.0	OH	Otter Tail Power Company	Reliability
2016 MISO	Planned			9 MW	12-2011 Sherco G3	generator increase	0.0	OH	Southern Minnesota Munic	Reliability
2016 MISO	Complete	100-120	115	361	07-2015 Lawrence	Sioux Falls (New)	5.4	OH	Northern States Power (Xcc	Reliability
2016 MISO	Delayed - Other	100-120	115		03-2016 Lawrence		0.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Complete	100-120	115		12-2015 Sioux Falls (New)		0.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Complete	100-120	115		12-2015 West Sioux Falls		0.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Complete	100-120	115	361	07-2015 Sioux Falls (New)	West Sioux Falls	4.3	OH	Northern States Power (Xcc	Reliability
2016 MISO	Delayed - Other	200-299	230		06-2016 MPC Prairie	NSP Prairie	0.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Cancelled - Other	121-150	138	240	12-2021 Wood River-North Staunton-14	Tap to Supply North Alton 1:	4.0	OH	Ameren Services Company	Reliability
2016 MISO	Cancelled - Other	121-150	138	240	12-2021 Wood River-Stallings-1456	Tap to Supply North Alton 1:	4.0	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	200-299	230		09-2017 Durbin	230/69 substation	0.0	OH	Duke Energy Corporation	Reliability
2016 MISO	Delayed - Other	100-120	115		11-2017 Five Points	Le Sauk	3.0	OH	Great River Energy	Reliability
2016 MISO	Delayed - Other	100-120	120		02-2017 Ariel (formerly Holland)	Holland	0.0	OH	ITC Transmission	Reliability
2016 MISO	Planned	200-299	230	632	04-2027 Blackberry	Substation Equipment	0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	200-299	230	632	04-2027 Blackberry	Essar Steel Sub (McCarthy L	15.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2017 Northmet	Substation Equipment	0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Planned	151-199	161		06-2020 LaFarge	161 kV Supply to Customer S	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	560	05-2016 Fargo 345/138 kV	New Substation	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345		05-2016 Maple Ridge 345 kV Switching	New Substation	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Complete	300-399	345	1793	05-2016 Fargo	Maple Ridge	20.0	OH	Ameren Services Company	Reliability
2016 MISO	Delayed - Other	300-399	345		10-2016 Weeds Lake 345/138 kV		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2017 Milham 138 kV		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2016 Argenta 138 kV		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2017 Weeds Lake	N_AVE	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2017 Weeds Lake	12th ST	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2017 Weeds Lake	MILHAM	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		01-2017 Weeds Lake	BRONCO	0.0	OH	METC	Reliability
2016 MISO	Planned	121-150	138		06-2017 Capital Ave	Battle Creek	0.0	OH	METC	Reliability
2016 MISO	Planned	121-150	138		06-2017 Capital Ave	Battle Creek	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		05-2018 Forest Grove	Campbell	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		05-2018 Forest Grove	Hudsonville	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		05-2020 Hawthorne	Four Mile	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		05-2020 Hawthorne	Pingree	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		02-2017 Maines Road	Marshall	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		02-2017 Maines Road	Blackstone	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		06-2019 Ransom	Buck Creek	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		06-2018 Haakwood	Rondo	0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		06-2018 Haakwood	Vanderbilt	0.0	OH	METC	Reliability
2016 MISO	Planned				06-2030 Plum		0.0	OH	METC	Reliability
2016 MISO	Planned				06-2030 Keystone		0.0	OH	METC	Reliability
2016 MISO	Planned				06-2030 New site (Wexford prime)		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	100-120	115	28	12-2017 Laskin	Substation Equipment	0.0	OH	Minnesota Power (Allete, I	Reliability
2016 MISO	Delayed - Other	300-399	345	2050	09-2016 Hampton Corner	North Rochester	36.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Complete	151-199	161		01-2016 Chester	Substation	0.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Complete	151-199	161	400	01-2016 North Rochester	Chester	14.0	OH	Northern States Power (Xcc	Reliability
2016 MISO	Planned	121-150	138	000 AMP	09-2012 Georgetown Primary		0.0	OH	Hoosier Energy REC, Inc.	Reliability
2016 MISO	Planned	151-199	161	326 MVA	12-2018 Maquoketa	Grand Mound	14.5	OH	ITC Midwest	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2019 Simpson 138kV		0.0	OH	METC	Reliability
2016 MISO	Delayed - Other	121-150	138		12-2024 Northeast Sub Bus reconfig	Substation	0.0	OH	Southern Indiana Gas & Ele	Reliability
2016 MISO	Delayed - Other	100-120	115	194 MVA	12-2016 Westgate	Scott County	20.1	OH	Northern States Power (Xcc	Reliability
2016 MISO	Planned	300-399	345		11-2020 Line 4561 Tap	Franklin County Power Plant	0.0	OH	Ameren Services Company	Reliability
2016 MISO	Planned	200-299	230		Panther		0.0	OH	Northern States Power (Xcc	Reliability

2016	MISO	Planned	100-120	115	40 Mvar	Maynard	Capacitor	0.0	OH	Northern States Power (Xc	Reliability	
2016	MISO	Under Construction	151-199	161		10-2016 Power Plant	Carrier Mills 161kV	25.0	OH	Southern Illinois Power Coc	Reliability	
2016	MISO	Under Construction	151-199	161		10-2016 Carrier Mills	161/69 kV transformer	0.0	OH	Southern Illinois Power Coc	Reliability	
2016	NPCC	Under Construction	100-120	100-120	282	09-2017 Larrabee Road	Middle St	5.7	OH	CMP	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	282	09-2018 Middle St	Lewisston Lower	1.2	UG	CMP	I	Reliability
2016	NPCC	Planned	100-120	100-120	262	12-2017 Otter River	East Winchendon	6.0	OH	NGRID	I	Reliability
2016	NPCC	Planned	100-120	100-120	TBD	09-2019 West Walpole	Holbrook	14.7	OH	NSTAR	I	Reliability
2016	NPCC	Under Construction	300-399	300-399	718	12-2017 Tewksbury	MA/NH Border	6.5	OH	NGRID	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	696	05-2017 Northfield Mt. Substation	Erving Substation	1.2	OH	WMECO	I	Reliability
2016	NPCC	Planned	300-399	300-399	1200	05-2019 Quebec/NH Border	Franklin	98.0	UG	Northern Pas I		Hydro Integration
2016	NPCC	Planned	300-399	300-399	1200	05-2019 Quebec/NH Border	Franklin	60.0	OH	Northern Pas I		Hydro Integration
2016	NPCC	Planned	300-399	300-399	2037	05-2019 Franklin	Deerfield	34.0	OH	Northern Pas I		Hydro Integration
2016	NPCC	Planned	100-120	100-120	282	05-2020 County Rd S/S	Section 241A Tap	6.5	OH	CMP	I	Reliability
2016	NPCC	Planned	100-120	100-120	TBD	05-2019 Mystic	Chelsea	3.8	UG	NSTAR	I	Reliability
2016	NPCC	Planned	100-120	100-120	TBD	12-2018 Mystic	Woburn	8.0	UG	NSTAR	I	Reliability
2016	NPCC	Planned	300-399	300-399	TBD	05-2019 Woburn	Wakefield Jct	7.0	UG	NSTAR	I	Reliability
2016	NPCC	Planned	100-120	100-120	TBD	12-2019 Sudbury	Hudson	9.0	OH	NSTAR	I	Reliability
2016	NPCC	Completed	100-120	100-120	340	12-2015 Fitzwilliam S/S	Monadnock S/S	2.0	OH	PSNH	I	Reliability
2016	NPCC	Planned	100-120	100-120	340	12-2018 Madbury S/S	Portsmouth S/S	12.0	OH	PSNH	I	Reliability
2016	NPCC	Planned	100-120	100-120	340	12-2015 Madbury S/S	Portsmouth S/S	1.0	UG	PSNH	I	Reliability
2016	NPCC	Completed	100-120	100-120	340	12-2015 Scobie S/S	Chester S/S	6.0	OH	PSNH	I	Reliability
2016	NPCC	Conceptual	100-120	100-120	282	04-2020 Coopers Mills	Highland Substation	22.0	OH	CMP	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	253	10-2017 Coolidge	Ascutney	14.0	OH	VELCO	I	Reliability
2016	NPCC	Completed	100-120	100-120	345	06-2016 J147-Peaslee	H141-Great Bay	5.5	OH	PSNH	I	Reliability
2016	NPCC	Planned	100-120	100-120	250	12-2017 Greenwich	Cos Cob	3.0	UG	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	250	12-2017 Greenwich	Cos Cob	3.0	UG	CL&P	I	Reliability
2016	NPCC	Completed	100-120	100-120	345	06-2016 Peaslee	R193 Tap	5.5	OH	PSNH	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	401	12-2017 Plumtree	Brookfield Jct.	3.4	OH	CL&P	I	Reliability
2016	NPCC	Completed	100-120	100-120	285	12-2017 Wilton	Norwalk	1.5	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	255	12-2017 Peaceable	Ridgefield Jct.	0.1	OH	CL&P	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	201	12-2017 Bunker Hill	Baldwin Jct.	3.0	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	201	12-2017 West Brookfield	West Brookfield Jct.	1.4	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	255	12-2017 Wilton	Ridgefield Jct.	5.1	OH	CL&P	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	255	12-2017 Towantic	Bunker Hill	6.1	OH	CL&P	I	Fossil-Fired Integration
2016	NPCC	Completed	100-120	100-120	255	12-2016 Manchester	Barbour Hill	7.6	OH	CL&P	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	401	12-2018 Frost Bridge	Campville	10.4	OH	CL&P	I	Reliability
2016	NPCC	Completed	100-120	100-120	255	12-2017 Southington	Lake Ave Jct.	5.2	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	250	12-2018 Newington	Southwest Hartford	4.0	UG	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	401	12-2018 Newington	Newington Tap	0.1	OH	CL&P	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	201	12-2017 South Meadow	Rood Ave	7.8	OH	CL&P	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	255	12-2017 Rood Ave	Bloomfield	4.2	OH	CL&P	I	Reliability
2016	NPCC	Under Construction	300-399	300-399	TBD	12-2017 Scobie Pond	NH/MABorder	9.8	OH	PSNH	I	Reliability
2016	NPCC	Completed	100-120	100-120	TBD	12-2016 Power St.	NH/MABorder	3.7	OH	PSNH	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	201	12-2016 Montague	Cumberland	2.8	OH	WMECO	I	Reliability
2016	NPCC	Planned	100-120	100-120	348	12-2019 Pochassic SW Sta.	Buck Pond	3.1	OH	WMECO	I	Reliability
2016	NPCC	Planned	100-120	100-120	223	12-2018 Southington	Reservoir Rd. Jct.	5.2	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	201	12-2018 Towantic	Oxford	1.6	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	348	12-2018 Towantic	Baldwin Tap	3.0	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	255	12-2018 Devon	1710 Border	4.4	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	255	12-2018 Devon	1730 Border	4.5	OH	CL&P	I	Reliability
2016	NPCC	Planned	100-120	100-120	112	12-2017 Rocky River	Bulls Bridge	6.7	OH	CL&P	I	Reliability
2016	NPCC	Planned	300-399	300-399	1878	12-2019 ANP Blackstone Sta.	3361 Border	9.5	OH	NSTAR	I	Reliability
2016	NPCC	Planned	100-120	100-120	277	05-2019 Vernon Road Tap	Chestnut Hill	1.2	OH	PSNH	I	Reliability
2016	NPCC	Planned	100-120	100-120	277	05-2019 Westport	Chestnut Hill	12.2	OH	PSNH	I	Reliability
2016	NPCC	Planned	300-399	300-399	1878	05-2019 Vernon Road	Northfield Mt.	20.0	OH	WMECO & P&S	I	Reliability
2016	NPCC	Planned	300-399	300-399	1599	05-2019 Long Moutain	Pleasant Valley	5.6	OH	CL&P	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	386	08-2017 Devon Tie	Housatonic River Crossing	0.5	OH	UI	I	Reliability
2016	NPCC	Under Construction	100-120	100-120	386	04-2019 Bard	Congress	2.4	OH	UI	I	Reliability
2016	NPCC	Planned	100-120	100-120	386	05-2020 Bard	Housatonic River Crossing	2.3	OH	UI	I	Reliability
2016	NPCC	Completed	100-120	115	183	In Service Pleasant Valley	Todd Hill	5.5	OH	CHGE		Reliability
2016	NPCC	Planned	100-120	115	201	12-2020 St. Pool	High Falls	5.6	OH	CHGE		Reliability
2016	NPCC	Planned	100-120	115	201	12-2020 High Falls	Kerhonkson	10.0	OH	CHGE		Reliability
2016	NPCC	Planned	100-120	115	201	12-2020 Modena	Galeville	4.6	OH	CHGE		Reliability
2016	NPCC	Planned	100-120	115	201	12-2020 Galeville	Kerhonkson	9.0	OH	CHGE		Reliability
2016	NPCC	Completed	300-399	345	1971	In Service Rock Tavern	Sugarloaf	11.8	OH	NY Transco		Reliability
2016	NPCC	Completed	300-399	345	1494	In Service Goethals	Linden Co-Gen	-1.5	UG	ConEd		Reliability
2016	NPCC	Completed	300-399	345	747	In Service Goethals	Linden Co-Gen	1.5	UG	ConEd		Reliability
2016	NPCC	Completed	300-399	345	747	In Service Goethals	Linden Co-Gen	1.5	UG	ConEd		Reliability
2016	NPCC	Completed	100-120	115	120	In Service New Scotland	Feura Bush	4.1	OH	NGRID		Reliability
2016	NPCC	Completed	300-399	345	605	Retired Homer City	Five Mile Rd (New Station)	152.3	OH	NGRID/NYSEG		Reliability
2016	NPCC	Completed	300-399	345	605	In Service Homer City	Farmers Valley	120.0	OH	NGRID/NYSEG		Reliability
2016	NPCC	Completed	300-399	345	605	In Service Farmers Valley	Five Mile Rd (New Station)	31.0	OH	NGRID/NYSEG		Reliability
2016	NPCC	Planned	100-120	115	186	06-2017 Mohican	Battenkill	14.2	OH	NGRID		Reliability
2016	NPCC	Planned	100-120	115	187	06-2017 Mohican	Luther Forest	34.5	OH	NGRID		Reliability
2016	NPCC	Planned	100-120	115	556	12-2017 Edic	Marcy Nanocenter	1.3	OH	NGRID		Reliability
2016	NPCC	Planned	100-120	115	220	12-2017 Clay	Dewitt	10.2	OH	NGRID		Reliability
2016	NPCC	Planned	100-120	115	220	12-2017 Clay	Teall	12.8	OH	NGRID		Reliability
2016	NPCC	Planned	100-120	115	129	12-2017 Gardenville	Erie	0.3	OH	NGRID		Reliability

2016 NPCC	Planned	100-120	115	148	12-2018	Menands	State Campus	5.0	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	161	12-2018	Wolf Rd	Menands	4.5	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	161	06-2019	Rotterdam	Curry Rd	7.0	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	233	12-2019	Spier	Rotterdam (#2)	32.7	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	233	12-2019	Spier	Lasher Rd (New Station) (#2)	21.7	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	414	12-2019	Lasher Rd (New Station)	Rotterdam	11.1	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	182	12-2019	Spier	Luther Forest (#302)	34.2	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	182	12-2019	Spier	Lasher Rd (New Station) (#3)	21.7	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	197	12-2019	Lasher Rd (New Station)	Luther Forest	12.5	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	220	06-2020	Gardenville	Dunkirk	20.5	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	NA	06-2020	GE	Geres Lock	7.1	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	187	06-2020	Battenkill	Eastover Road	22.7	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	187	06-2020	Battenkill	Schaghticoke (New Station)	14.3	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	187	06-2020	Schaghticoke (New Station)	Eastover Road	8.4	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	187	06-2020	Mohican	Luther Forest	34.5	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	187	06-2020	Mohican	Schaghticoke (New Station)	28.1	OH	NGRID	Reliability	
2016 NPCC	Planned	100-120	115	255	06-2020	Luther Forest	Schaghticoke (New Station)	6.3	OH	NGRID	Reliability	
2016 NPCC	Planned	300-399	345	1836	06-2017	Coopers Corners	Rock Tavern	46.1	OH	NYPA	Reliability	
2016 NPCC	Planned	300-399	345	1793	06-2017	Coopers Corners	Dolson Avenue	32.2	OH	NYPA	Reliability	
2016 NPCC	Planned	300-399	345	1793	06-2017	Dolson Avenue	Rock Tavern	13.9	OH	NYPA	Reliability	
2016 NPCC	Planned	100-120	115	228	12-2017	Cumberland Head	Gordon Landing	1.6	SM	NYPA	Reliability	
2016 NPCC	Planned	300-399	345	1301	12-2019	Niagara	Rochester	70.2	OH	NYPA	Reliability	
2016 NPCC	Planned	300-399	345	1301	12-2019	Niagara	Station 255 (New Station)	66.4	OH	NYPA	Reliability	
2016 NPCC	Planned	300-399	345	1301	12-2019	Dysinger Tap	Station 255 (New Station)	44.0	OH	NYPA	Reliability	
2016 NPCC	Planned	300-399	345	1301	12-2019	Dysinger Tap	Station 255 (New Station)	40.2	OH	NYPA	Reliability	
2016 NPCC	Planned	300-399	345	1301	12-2021	Station 255 (New Station)	Rochester	3.8	OH	NYPA	Reliability	
2016 NPCC	Completed	300-399	345	1494	In Service	Fraser	Coopers Corners	21.8	OH	NY Transco	Reliability	
2016 NPCC	Planned	100-120	115	250	06-2017	Elbridge	State Street	14.5	OH	NYSEG	Reliability	
2016 NPCC	Planned	100-120	115	250	06-2017	Elbridge	State Street	14.5	OH	NYSEG	Reliability	
2016 NPCC	Planned	100-120	115	215	12-2017	Wood Street	Katonah	11.7	OH	NYSEG	Reliability	
2016 NPCC	Planned	100-120	115	129	06-2018	Falls Park	Schodack(NG)	17.9	OH	NYSEG	Reliability	
2016 NPCC	Planned	100-120	115	129	06-2018	Falls Park	Churchtown	9.7	OH	NYSEG	Reliability	
2016 NPCC	Planned	100-120	115	215	12-2018	Wood Street	Carmel	1.3	OH	NYSEG	Reliability	
2016 NPCC	Completed	300-399	345	1811	In Service	Ramapo	Sugarloaf	16.0	OH	O & R	Reliability	
2016 NPCC	Planned	300-399	345	1793	12-2019	Ladentown	Buchanan	9.5	OH	O & R/ConEd	Reliability	
2016 NPCC	Planned	300-399	345	1793	12-2019	Ladentown	North Rockland (New Station)	5.5	OH	O & R/ConEd	Reliability	
2016 NPCC	Planned	300-399	345	1793	12-2019	North Rockland (New Station)	Buchanan	4.0	OH	O & R/ConEd	Reliability	
2016 NPCC	Planned	100-120	115	400	12-2017	Station 33	Station 262	3.0	UG	RGE	Reliability	
2016 NPCC	Planned	100-120	115	400	12-2017	Station 262	Station 23	1.5	UG	RGE	Reliability	
2016 NPCC	Planned	100-120	115	400	12-2019	Station 82	Station 251 (Upgrade Line 9)	1.5	OH	RGE	Reliability	
2016 NPCC	Planned	100-120	115	400	06-2019	Mortimer	Station 251 (Upgrade Line 9)	1.0	OH	RGE	Reliability	
2016 NPCC	Planned	100-120	115	145	06-2019	Station 168	Mortimer (NG Trunk #2)	26.4	OH	RGE	Reliability	
2016 NPCC	Planned	100-120	115	145	06-2019	Station 168	Elbridge (NG Trunk # 6)	45.5	OH	RGE	Reliability	
2016 NPCC	Planned	100-120	345	1301	12-2021	Station 255 (New Station)	Rochester	3.8	OH	RGE	Reliability	
2016 NPCC	Planned	100-120	115	300	12-2021	Station 255 (New Station)	Station 418	9.6	OH	RGE	Reliability	
2016 NPCC	Planned	100-120	115	300	12-2021	Station 255 (New Station)	Station 23	11.1	OH+UG	RGE	Reliability	
2016 NPCC	Conceptual	121-150	115	222	12-2020	Myers Corners	Fishkill Plains	7.8	OH	CHGE	Reliability	
2016 NPCC	Conceptual	121-150	138	499	06-2018	Pilgrim	West Bus	11.7	OH	LIPA	Reliability	
2016 NPCC	Conceptual	121-150	138	499	06-2018	West Bus	Kings Hwy	5.7	OH	LIPA	Reliability	
2016 NPCC	Conceptual	121-150	138	499	06-2018	Pilgrim	Kings Hwy	6.0	OH	LIPA	Reliability	
2016 NPCC	Conceptual	121-150	138	334	06-2018	Riverhead	Wildwood	10.6	OH	LIPA	Reliability	
2016 NPCC	Conceptual	121-150	138	TBD	06-2021	Valley Stream	East Garden City	7.0	UG	LIPA	Reliability	
2016 NPCC	Conceptual	121-150	138	TBD	06-2027	Shore Rd	Syosset	11.0	UG	LIPA	Reliability	
2016 NPCC	Conceptual	100-120	138	846	06-2020	Riverhead	Canal	16.4	UG	LIPA	Reliability	
2016 NPCC	Conceptual	100-120	115	202	06-2017	Luther Forest	Rotterdam	5.1	OH	NGRID	Reliability	
2016 NPCC	Conceptual	100-120	115	TBD	06-2017	Luther Forest	Eastover Road (New Station)	6.2	OH	NGRID	Reliability	
2016 NPCC	Conceptual	100-120	115	TBD	06-2019	Mohican	Butler	3.5	OH	NGRID	Reliability	
2016 NPCC	Conceptual	200-299	230	430	06-2018	South Perry	Meyer	20.0	OH	NYSEG	Reliability	
2016 NPCC	Conceptual	200-299	230	430	06-2018	Wethersfield	Meyer	31.5	OH	NYSEG	Reliability	
2016 NPCC	Conceptual	200-299	230	430	06-2018	Wethersfield	South Perry	11.5	OH	NYSEG	Reliability	
2016 NPCC	Conceptual	121-150	138	473	12-2019	Burns	Corporate Drive	5.0	OH	O & R	Reliability	
2016 NPCC	Conceptual	121-150	138	473	12-2024	Ramapo	Sugarloaf	17.0	OH	O & R	Reliability	
2016 NPCC	Conceptual	121-151	138	473	12-2021	Ramapo (NY)	South Mahwah (RECO)	5.5	OH	O & R	Reliability	
2016 PJM	Under Construction	200-299	200-299	700	05-2017	Orchard	Cumberland	2.7	OH	AE	I	Reliability
2016 PJM	Completed	200-299	200-299	669	04-2015	Mickleton	Gloucester	1.7	OH	AE	I	Reliability
2016 PJM	Planned	121-150	121-150	389	12-2017	Biers Run	Hopetown	5.5	OH	AEP	I	Reliability
2016 PJM	Planned	121-150	121-150	389	12-2017	Biers Run	Circleville	23.5	OH	AEP	I	Reliability
2016 PJM	Planned	121-150	121-150	389	12-2017	Hopetown	Delano	5.5	OH	AEP	I	Reliability
2016 PJM	Completed	121-150	121-150	251	03-2015	South Canton	West Canton	4.1	OH	AEP	I	Reliability
2016 PJM	Completed	121-150	121-150	251	03-2015	Wagenhals	Wayview	9.0	OH	AEP	I	Reliability
2016 PJM	Completed	121-150	121-150	296	06-2015	Hillsboro	Highland	7.5	OH	AEP	I	Reliability
2016 PJM	Completed	121-150	121-150	388	06-2016	Robison Park	Auburn	15.5	OH	AEP	I	Reliability
2016 PJM	Completed	121-150	121-150	388	06-2016	Robison Park	Auburn	15.5	OH	AEP	I	Reliability
2016 PJM	Completed	600+	600+	4257	11-2016	Dumont	Sorenson	7.0	OH	AEP	I	Reliability
2016 PJM	Completed	600+	600+	4257	11-2016	Marysville	Sorenson	7.0	OH	AEP	I	Reliability
2016 PJM	Completed	121-150	121-150	251	09-2015	Pemberton	Cherry Creek	4.0	OH	AEP	I	Reliability
2016 PJM	Under Construction	121-150	121-150	388	06-2017	Jacksons Ferry	Progress Park	14.8	OH	AEP	I	Reliability
2016 PJM	Under Construction	121-150	121-150	388	06-2017	Jacksons Ferry	Wythe	20.1	OH	AEP	I	Reliability

2016	PJM	Completed	121-150	121-150	167	04-2015	Melmore	Greenlawn	2.0	OH	AEP	I	Reliability
2016	PJM	Completed	121-150	121-150	167	04-2015	Greenlawn	Tiffin Center	2.0	OH	AEP	I	Reliability
2016	PJM	Completed	121-150	121-150	167	04-2015	Melmore	Tiffin Center	3.6	OH	AEP	I	Reliability
2016	PJM	Completed	121-150	121-150	167	04-2015	Tiffin Center	Fremont Center	12.6	OH	AEP	I	Reliability
2016	PJM	Completed	121-150	121-150	167	04-2015	Tiffin Center	Fremont Center	12.6	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	121-150	167	06-2018	Lincoln	Allen	3.1	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	121-150	148	06-2018	Sterling	Allen	3.1	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	121-150	167	06-2018	Milan	Allen	3.1	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	121-150	167	06-2018	Timber Switch	Allen	3.1	OH	AEP	I	Reliability
2016	PJM	Under Construction	300-399	300-399	1409	06-2017	Robison Park	Sorenson	20.9	OH	AEP	I	Reliability
2016	PJM	Completed	121-150	121-150	205	07-2016	West Bellaire	Brues	4.9	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	121-150	251	12-2018	Bradley	Tower 117	9.1	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	121-150	296	12-2018	Tower 117	McClung	18.0	OH	AEP	I	Reliability
2016	PJM	Completed	300-399	300-399	1219	06-2014	Conesville	Ohio Central	1.9	OH	AEP	I	Reliability
2016	PJM	Completed	300-399	300-399	1219	06-2014	Bixby	Ohio Central	1.9	OH	AEP	I	Reliability
2016	PJM	Completed	300-399	300-399	1409	08-2014	Vassell	Corridor	8.0	OH	AEP	I	Reliability
2016	PJM	Completed	121-150	121-150	338	08-2014	Vassell	Delaware	17.4	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	121-150	323	12-2017	I. U. Purdue	Robison Park	4.0	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	121-150	323	12-2017	I. U. Purdue	Spy Run	2.5	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	138	350	6-2018	Structure 415	New Station	3.8	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	138	350	6-2018	New Station	Marcellus	2.0	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	138	350	6-2018	Structure 434	Marcellus	2.4	OH	AEP	I	Reliability
2016	PJM	Planned	121-150	138	350	06-2018	Hogan	Mullin	3.0	OH	AEP	I	Reliability
2016	PJM	Delayed - Economics	300-399	345	900	6-2018	Sorenson	East Lima	32.0	OH	AEP	I	Reliability
2016	PJM	Completed	200-299	200-299	525	12-2016	Conastone	Graceton	8.6	OH	BGE	I	Reliability
2016	PJM	Under Construction	100-120	100-120	262	12-2019	Westport	Wilkens Ave	3.0	UG	BGE	I	Reliability
2016	PJM	Under Construction	200-299	200-299	525	06-2017	Graceton	Raphael Rd.	3.0	OH	BGE	I	Reliability
2016	PJM	Under Construction	100-120	100-120	300	6-2017	Orchard St	Constitution St	1.0	UG	BGE	I	Reliability
2016	PJM	Planned	100-120	115	200	06-2017	Raphael Road	Joppatowne	3.0	UG	BGE	I	Reliability
2016	PJM	Planned	100-120	115	180	06-2018	Bestgate Tap	Waugh Chapel	3.0	UG	BGE	I	Reliability
2016	PJM	Under Construction	300-399	300-399	969	06-2017	Byron	Wayne	57.0	OH	ComEd	I	Reliability
2016	PJM	Cancelled - Load Growi	600+	765	3200	6-2020	Collins	Meadow Lake	30.0	OH	ComEd	I	Reliability
2016	PJM	Planned	121-150	121-150	220	06-2018	West Milton	Eldean	18.0	OH	Dayton	I	Reliability
2016	PJM	Planned	121-150	121-150	220	06-2021	Jay	Fort Recovery	11.0	OH	Dayton	I	Reliability
2016	PJM	Planned	121-150	121-150	223	12-2018	Plum	Universal	7.3	OH	DLCO	I	Reliability
2016	PJM	Completed	121-150	121-150	320	11-2014	Elrama	Dravosburg	-9.7	OH	DLCO	I	Reliability
2016	PJM	Completed	300-399	300-399	540	06-2016	Brunot Island	Carson	9.0	UG	DLCO	I	Reliability
2016	PJM	Completed	121-150	121-150	320	05-2015	Wye Mills	Church	7.0	OH	DPL	I	Reliability
2016	PJM	Conceptual	121-150	121-150	320	06-2020	Wye Mills	Easton	4.0	OH	DPL	I	Reliability
2016	PJM	Planned	200-299	200-299	560	06-2018	W3-032A	Cartanza	2.5	OH	DPL	I	Fossil-Fired Integration
2016	PJM	Delayed - Economics	121-150	138	350	05-2019	Vienna	Loretto	17.0	OH	DPL	I	Reliability
2016	PJM	Delayed - Economics	121-150	138	350	05-2019	Loretto	Piney Grove	8.0	OH	DPL	I	Reliability
2016	PJM	Delayed - Economics	200-299	230	650	05-2019	Vienna	Steele	25.0	OH	DPL	I	Reliability
2016	PJM	Completed	200-299	230	650	11-2014	Jenkins	Stanton	14.0	OH	PL	I	Reliability
2016	PJM	Planned	121-150	138	350	05-2018	Piney Grove	Wattsville	8.0	OH	DPL	I	Reliability
2016	PJM	Completed	121-150	121-150	360	11-2015	Buckhannon	Weston	4.0	OH	FE(AP)	I	Reliability
2016	PJM	Completed	121-150	121-150	360	05-2016	McDowell	Campbell	5.5	OH	FE(AP)	I	Reliability
2016	PJM	Planned	121-150	121-150	360	06-2018	Kiesters	Campbell	7.5	OH	FE(AP)	I	Reliability
2016	PJM	Conceptual	121-150	121-150	232/281	6-2021	Barberton	South Akron	8.1	OH	FE(ATS)	I	Reliability
2016	PJM	Conceptual	121-150	121-150	278/338	12-2018	Broadview	Clark	5.0	OH	FE(ATS)	I	Reliability
2016	PJM	Conceptual	121-150	121-150	160/192	12-2018	Broadview	East Springfield	3.5	OH	FE(ATS)	I	Reliability
2016	PJM	Conceptual	121-150	121-150	160/192	12-2018	Broadview	Tangy	3.5	OH	FE(ATS)	I	Reliability
2016	PJM	Conceptual	121-150	121-150	278/338	12-2018	Broadview	Urbana	5.0	OH	FE(ATS)	I	Reliability
2016	PJM	Conceptual	121-150	121-150	151/166	06-2021	Midway	Wauseon	-3.1	OH	FE(ATS)	I	Reliability
2016	PJM	Conceptual	121-150	121-150	151/166	06-2021	Napoleon	Richland	-3.1	OH	FE(ATS)	I	Reliability
2016	PJM	Conceptual	121-150	121-150	151/166	06-2021	Richland	Stryker	-3.1	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	300-399	300-399	1100	05-2015	Niles	Highland	4.8	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	300-399	300-399	1100	05-2015	Niles	Shenango	19.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	300-399	300-399	1100	05-2015	Allen Junction	Midway	24.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	300-399	300-399	1100	05-2015	Midway	Lemoyne	24.0	OH	FE(ATS)	I	Reliability
2016	PJM	Planned	121-150	121-150	220	08-2018	West Fremont	Groton	19.0	OH	FE(ATS)	I	Reliability
2016	PJM	Planned	121-150	121-150	220	08-2018	Groton	Hayes	9.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	300-399	345	900	05-2015	Mansfield	Northfield	32.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	05-2015	Toronto	Sammis	6.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	05-2015	Toronto	South Akron	64.9	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	05-2015	Toronto	Boardman	40.2	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	05-2015	Toronto	Lowellville	51.2	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	12-2015	Holloway (AEP)	Brookside	92.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	12-2015	Holloway (AEP)	Longview	93.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	12-2015	Holloway (AEP)	Harmon #1	69.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	12-2015	Holloway (AEP)	Harmon #2	69.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	12-2015	Holloway (AEP)	Cloverdale	72.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	12-2015	Holloway (AEP)	Knox	66.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	12-2015	Holloway (AEP)	Burger #1	3.0	OH	FE(ATS)	I	Reliability
2016	PJM	Completed	121-150	121-150	220	12-2015	Holloway (AEP)	Burger #2	3.0	OH	FE(ATS)	I	Reliability
2016	PJM	Under Construction	300-399	300-399	950	12-2017	Avon	Lake Avenue #1	8.4	OH	FE(ATS)	I	Reliability
2016	PJM	Under Construction	300-399	300-399	950	12-2017	Avon	Lake Avenue #2	8.4	OH	FE(ATS)	I	Reliability
2016	PJM	Under Construction	300-399	300-399	950	12-2017	Lake Avenue	Beaver #1	7.9	OH	FE(ATS)	I	Reliability

2016	PJM	Under Construction	300-399	300-399	950	12-2017	Lake Avenue	Beaver #2	7.9	OH	FE(ATSI)	Reliability
2016	PJM	Under Construction	121-150	121-150	300	12-2017	Black River	Lake Avenue #1	3.0	OH	FE(ATSI)	Reliability
2016	PJM	Under Construction	121-150	121-150	300	12-2017	Black River	Lake Avenue #2	3.0	OH	FE(ATSI)	Reliability
2016	PJM	Under Construction	121-150	121-150	300	12-2017	Lake Avenue	Johnson #1	1.7	OH	FE(ATSI)	Reliability
2016	PJM	Under Construction	121-150	121-150	300	12-2017	Lake Avenue	Johnson #2	1.7	OH	FE(ATSI)	Reliability
2016	PJM	Completed	121-150	121-150	210	05-2015	Dowling	Chrysler	3.3	OH	FE(ATSI)	Reliability
2016	PJM	Completed	121-150	121-150	210	05-2015	Dowling	Levis Park	3.3	OH	FE(ATSI)	Reliability
2016	PJM	Planned	200-299	230	650	06-2018	Whippany	Montville	6.4	OH	FE(JC)	Reliability
2016	PJM	Under Construction	200-299	230	650	06-2017	Larrabee	Oceanview	16.2	OH	FE(JC)	Reliability
2016	PJM	Completed	100-120	115	200	06-2016	Englishtown	Wyckoff	13.0	OH	FE(JC)	Reliability
2016	PJM	Planned	200-299	230	709	06-2019	NJ Aberdeen	NJT Red Bank	10.1	OH	FE(JC)	Reliability
2016	PJM	Planned	100-120	100-120	300	06-2018	W3-099	Erie East	2.6	OH	FE(Penelec)	Variable/Renewable Integration
2016	PJM	Planned	100-120	115	200	12-2018	Central City West	Bedford North	18.0	OH	FE(Penelec)	Reliability
2016	PJM	Under Construction	200-299	200-299	398	05-2018	Chichester	Linwood	2.0	OH	PECO	Reliability
2016	PJM	Completed	200-299	200-299	630	02-2015	Buzzard Point	Ritchie	10.8	OH	PEPCO	Reliability
2016	PJM	Completed	400-599	400-599	3005	05-2015	Susquehanna	Roseland	146.0	OH	PL	Reliability
2016	PJM	Completed	200-299	200-299	648	04-2016	West Pocono	North Pocono	10.6	OH	PL	Reliability
2016	PJM	Completed	200-299	200-299	648	09-2015	Jenkins	West Pocono	14.7	OH	PL	Reliability
2016	PJM	Completed	200-299	200-299	648	05-2015	Paupack	North Pocono	21.9	OH	PL	Reliability
2016	PJM	Planned	121-150	121-150	250	06-2018	Essex	Kearny	2.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	04-2016	Hudson	Kearny	2.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	04-2016	Hudson	Kearny	2.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	04-2016	Roseland	Kearny	21.9	OH	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	04-2016	Roseland	Kearny	21.9	OH	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	05-2016	Bergen	Athenia	10.0	UG	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	09-2015	Hudson	South Waterfront	8.0	UG	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	05-2015	Mickleton	Gloucester	9.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	11-2015	Cox's Corner	Lumberton	4.3	OH	PSEG	Reliability
2016	PJM	Completed	200-299	200-299	900	11-2015	Athenia	Bergen	10.0	UG	PSEG	Reliability
2016	PJM	Completed	200-299	230	650	08-2016	Sewaren	Metuchen	14.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	230	650	08-2016	Sewaren	Metuchen	14.0	OH	PSEG	Reliability
2016	PJM	Under Construction	300-399	345	900	06-2018	North Ave	Bayway	6.0	OH	PSEG	Reliability
2016	PJM	Under Construction	300-399	345	900	06-2018	Airport	Bayway	3.0	OH	PSEG	Reliability
2016	PJM	Under Construction	300-399	345	900	12-2017	Linden "Z"	Bayway	2.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	230	650	11-2014	Aldene	Springfield Road	8.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	230	650	11-2014	Springfield Road	West Orange	7.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	230	650	05-2015	Mickleton	Gloucester	11.0	OH	PSEG	Reliability
2016	PJM	Completed	200-299	230	650	08-2016	Gloucester	Camden	6.0	OH	PSEG	Reliability
2016	PJM	Conceptual	121-150	121-150	236	6-2019	West Nyack	Harings Corner	0.3	OH	RECO	Reliability
2016	PJM	Completed	200-299	230	650	05-2015	Brambleton	BECCO	11.0	OH	Dominion	Reliability
2016	PJM	Completed	200-299	230	650	05-2015	Cannon Branch	Cloverhill	12.0	OH	Dominion	Reliability
2016	PJM	Completed	200-299	230	650	05-2015	Cloverhill	Liberty	12.0	OH	Dominion	Reliability
2016	PJM	Completed	200-299	230	650	03-2015	Shawboro	Aydlett	12.0	OH	Dominion	Reliability
2016	PJM	Completed	200-299	230	650	02-2016	Trowbridge	Winfall	13.0	OH	Dominion	Reliability
2016	PJM	Under Construction	200-299	230	1047	06-2017	Dooms	Lexington	39.0	OH	Dominion	Reliability
2016	PJM	Planned	200-299	230	1047	02-2020	DTR	Scott's Run	4.5	OH	Dominion	Reliability
2016	PJM	Completed	400-599	500	3450	06-2016	Loudon	Brambleton	4.8	OH	Dominion	Reliability
2016	PJM	Planned	200-299	230	800	05-2019	Glebe	Station C	2.0	OH	Dominion	Reliability
2016	PJM	Planned	400-599	500	3450	01-2024	North Anna	Ladysmith	14.5	OH	Dominion	Reliability
2016	PJM	Completed	400-599	500	3450	09-2015	Heritage	Rawlings	14.0	OH	Dominion	Reliability
2016	PJM	Completed	100-120	115	231	05-2014	Staunton	Trimbles Mill	1.1	OH	Dominion	Reliability
2016	PJM	Completed	100-120	115	231	05-2014	Craigsville	Trimbles Mill	1.1	OH	Dominion	Reliability
2016	PJM	Planned	100-120	115	231	12-2017	Columbia	Cartersville	1.5	OH	Dominion	Reliability
2016	PJM	Planned	100-120	115	231	12-2017	Columbia	Bremo	1.5	OH	Dominion	Reliability
2016	PJM	Completed	100-120	115	231	04-2015	Redhouse	Pampin	2.6	OH	Dominion	Reliability
2016	PJM	Completed	100-120	115	231	04-2015	Redhouse	Farmville	2.6	OH	Dominion	Reliability
2016	PJM	Planned	151-199	161	400	6-2018	Summer Shade EKPC	Summer Shade	2.0	OH	EKPC	Reliability
2016	PJM	Planned	121-150	138	400	12-2018	Upper Pittsgrove	Lewis	41.0	OH	AE	Reliability
2016	PJM	Planned	121-150	138	400	05-2017	Monroe	Landis	11.5	OH	AE	Reliability
2016	PJM	Planned	121-150	138	400	12-2018	Landis	Lewis	31.0	OH	AE	Reliability
2016	PJM	Planned	121-150	138	400	12-2018	Cardiff	Lewis	5.0	OH	AE	Reliability
2016	PJM	Under Construction	121-150	138	400	06-2017	Yager	Azalea	11.0	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Holloway	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Brookside	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Holloway	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Harmon	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Holloway	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Harmon	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Holloway	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Reeds	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Holloway	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	New Stacy	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Freebyrd	4.0	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Holloway	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Nottingham	Cloverdale	0.1	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2017	Freebyrd	South Cadiz	4.6	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2019	Tiltonsville	Windsor	4.5	OH	AEP	Reliability
2016	PJM	Planned	121-150	138	400	06-2019	Fremont	Pound	5.0	OH	AEP	Reliability

2016	PJM	Planned	121-150	138	400	06-2019	East Huntington	Darrah	2.5	OH	AEP	I	Reliability	
2016	PJM	Planned	121-150	138	400	06-2019	Sundial	New Station	3.2	OH	AEP	I	Reliability	
2016	PJM	Planned	121-150	138	400	06-2019	Baileysville	New Station	3.2	OH	AEP	I	Reliability	
2016	PJM	Planned	300-399	345	1500	10-2017	Dumont	Eldeberry	0.1	OH	AEP	I	Reliability	
2016	PJM	Planned	300-399	345	1500	10-2017	Sorenson	Eldeberry	0.1	OH	AEP	I	Reliability	
2016	PJM	Completed	121-150	138	400	10-2014	Blue Racer	Summerfield	0.1	OH	AEP	I	Reliability	
2016	PJM	Planned	121-150	138	400	10-2014	Blue Racer	Berne	0.1	OH	AEP	I	Reliability	
2016	PJM	Completed	121-150	138	400	12-2014	Burger	Customer	1.4	OH	AEP	I	Reliability	
2016	PJM	Planned	200-299	230	1047	10-2018	Remington CT	Warrenton	12.0	OH	Dominion	I	Reliability	
2016	PJM	Planned	200-299	230	1047	06-2018	Wheeler	Vint Hill	6.0	OH	Dominion	I	Reliability	
2016	PJM	Planned	200-299	230	1047	12-2018	Gainesville	Wheeler	6.0	OH	Dominion	I	Reliability	
2016	PJM	Planned	200-299	230	1047	06-2017	Vint Hill	Wheeler	0.1	OH	Dominion	I	Reliability	
2016	PJM	Planned	200-299	230	1047	06-2017	Loudoun	Wheeler	0.1	OH	Dominion	I	Reliability	
2016	PJM	Planned	200-299	230	1047	05-2017	Pacific	Brambleton	2.0	OH	Dominion	I	Reliability	
2016	PJM	Planned	200-299	230	1047	05-2017	Pacific	BECO	2.0	OH	Dominion	I	Reliability	
2016	PJM	Planned	100-120	115	350	03-2018	Pointon	Jetersville	10.0	OH	Dominion	I	Reliability	
2016	PJM	Completed	100-120	115	350	08-2014	New London	Altavista	10.0	OH	Dominion	I	Reliability	
2016	PJM	Completed	100-120	115	350	04-2015	Chase City	Ridge Road	1.9	OH	Dominion	I	Reliability	
2016	PJM	Completed	100-120	115	350	04-2015	Kerr Dam	Ridge Road	1.9	OH	Dominion	I	Reliability	
2016	PJM	Completed	121-150	138	400	06-2016	Potter	Valley	0.1	OH	DUQ	I	Reliability	
2016	PJM	Completed	121-150	138	400	06-2016	Potter	Raccoon	0.1	OH	DUQ	I	Reliability	
2016	PJM	Completed	121-150	138	400	09-2016	Oak Mound	Waldo Run	24.0	OH	FE(AP)	I	Reliability	
2016	PJM	Under Construction	121-150	138	400	06-2017	Shuman Hill	Fairview	20.2	OH	FE(AP)	I	Reliability	
2016	PJM	Under Construction	121-150	138	400	06-2017	Shuman Hill	Willow Island	40.9	OH	FE(AP)	I	Reliability	
2016	PJM	Under Construction	121-150	138	400	12-2017	Imperial	Hillman	4.3	OH	FE(AP)	I	Reliability	
2016	PJM	Cancelled - Load Grow	121-150	138	400	12-2017	Gula	Cecil	0.1	OH	FE(AP)	I	Reliability	
2016	PJM	Cancelled - Load Grow	121-150	138	400	12-2017	Gula	Windsor	0.1	OH	FE(AP)	I	Reliability	
2016	PJM	Cancelled - Load Grow	300-399	345	1500	06-2016	Lake Avenue	Avon	0.1	OH	FE(ATSI)	I	Reliability	
2016	PJM	Cancelled - Load Grow	300-399	345	1500	06-2016	Lake Avenue	Beaver	0.1	OH	FE(ATSI)	I	Reliability	
2016	PJM	Cancelled - Load Grow	300-399	345	1500	06-2016	Lake Avenue	Black River	0.1	OH	FE(ATSI)	I	Reliability	
2016	PJM	Cancelled - Load Grow	300-399	345	1500	06-2016	Lake Avenue	Johnson	0.1	OH	FE(ATSI)	I	Reliability	
2016	PJM	Cancelled - Load Grow	300-399	345	1500	06-2016	Lake Avenue	Avon	0.1	OH	FE(ATSI)	I	Reliability	Economic/Congestion
2016	PJM	Cancelled - Load Grow	300-399	345	1500	06-2016	Lake Avenue	Beaver	0.1	OH	FE(ATSI)	I	Reliability	Economic/Congestion
2016	PJM	Cancelled - Load Grow	300-399	345	1500	06-2016	Lake Avenue	Black River	0.1	OH	FE(ATSI)	I	Reliability	Economic/Congestion
2016	PJM	Cancelled - Load Grow	300-399	345	1500	06-2016	Lake Avenue	Johnson	0.1	OH	FE(ATSI)	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2021	Mt. Vernon	Takoma	6.0	UG	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2021	Mt. Vernon	Takoma	6.0	UG	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2021	Mt. Vernon	Takoma	6.0	UG	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2021	Mt. Vernon	Takoma	6.0	UG	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	06-2022	New Harvard	Takoma	0.1	UG	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	06-2022	New Harvard	Mt. Vernon	0.1	UG	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	06-2022	New Harvard	Takoma	0.1	UG	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	06-2022	New Harvard	Mt. Vernon	0.1	UG	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	400	12-2017	New Harrison	Bethesda	0.1	OH	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	400	12-2017	New Harrison	Van Ness	0.1	OH	PEPCO	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2017	Mackeys	Perquimans	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2017	Winfall	Perquimans	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	10-2017	Sunbury	AA1-134	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	10-2017	Winfall	AA1-134	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2017	Fentress	AA1-139	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2017	Sligo	AA1-139	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2017	Fentress	AA1-139	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2017	Shawboro	AA1-139	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	10-2017	Winfall	AA1-134	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	500	10-2017	Suffolk	AA1-134	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	300	12-2017	Carolina	AA1-063A	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	300	12-2017	Seaboard	AA1-063A	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	300	12-2017	Boykins	AA1-063A	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	300	12-2017	Carolina	AA1-063A	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	06-2018	Rawlings	Brunswick	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	06-2018	Carson	Brunswick	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	353	06-2018	Pantego	Trowbridge	20.0	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	06-2018	Scotland Neck	South Justice Branch	15.0	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	06-2019	Remington	Gordonsville	36.2	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	12-2017	Hickory Grove	Perth	0.3	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	12-2017	Altavista	Perth	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	06-2017	Halifax	Perth	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2018	Gainesville	Haymarket	6.0	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2018	Bristers	Haymarket	6.0	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2018	Loudoun	Poland Road	4.0	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2018	Brambleton	Poland Road	4.0	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2018	Brambleton	Yardly Ridge	0.5	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2018	BECO	Yardly Ridge	0.5	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	12-2017	Crewe	Jetersville	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	12-2017	Chase City	Jetersville	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	12-2017	Crewe	Jetersville	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	12-2017	Farmville	Jetersville	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	12-2017	Red House DP	Pamplin	0.1	OH	Dominion	I	Reliability	Economic/Congestion

2016	PJM	Planned	100-120	115	353	12-2017	Twittys Creek	Pamplin	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	12-2017	Twittys Creek	Chase City	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	05-2018	Ivor	Sadler	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	05-2018	Poe	Sadler	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	05-2018	Wakefield	Sadler	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	353	05-2018	Suffolk	Sadler	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2017	Gainesville	Railroad	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2017	Liberty	Railroad	0.1	OH	Dominion	I	Reliability	Reliability
2016	PJM	Planned	200-299	230	500	05-2017	Loudoun	Pleasant Valley	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	05-2017	Bull Run	Pleasant Valley	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	06-2017	Fudge Hollow	Kanawha	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	06-2017	Hinton	Kanawha	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Conceptual	200-299	230	500	09-2017	Hickory	AA1-133	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Conceptual	200-299	230	500	09-2017	Shawboro	AA1-133	0.1	OH	Dominion	I	Variable/Renewable Integ	Reliability
2016	PJM	Conceptual	200-299	230	500	09-2017	Shawboro	AA1-132	0.1	OH	Dominion	I	Variable/Renewable Integ	Reliability
2016	PJM	Conceptual	200-299	230	500	09-2017	Sligo	AA1-132	0.1	OH	Dominion	I	Variable/Renewable Integ	Reliability
2016	PJM	Conceptual	400-599	500	3000	12-2017	Heritage	AA1-064	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Conceptual	400-599	500	3000	12-2017	Wake	AA1-064	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	04-2019	Highland	Trumball	0.1	OH	FE (ATSI)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	04-2019	Mansfield	Trumball	0.1	OH	FE (ATSI)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	04-2019	Highland	Trumball	0.1	OH	FE (ATSI)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	04-2019	Sammis	Trumball	0.1	OH	FE (ATSI)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	06-2018	Lackawanna	Z2-046	0.1	OH	PPL	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	06-2018	Susquehanna	Z2-046	0.1	OH	PPL	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2018	Foster	Z1-079	0.1	OH	DEOK	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2018	Todhunter	Z1-079	0.1	OH	DEOK	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	100-120	115	353	06-2017	Niles Valley	Z1-069	0.1	OH	FE(Penelec)	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	353	06-2017	Potter	Z1-069	0.1	OH	FE(Penelec)	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Delayed - Economics	200-299	230	500	04-2019	Salem	Silver Run	18.0	OH	DPL	I	Reliability	Economic/Congestion
2016	PJM	Delayed - Economics	200-299	230	500	06-2019	Red Lion	Silver Run	0.1	OH	DPL	I	Reliability	Economic/Congestion
2016	PJM	Delayed - Economics	200-299	230	500	06-2019	Cartanza	Silver Run	0.1	OH	DPL	I	Reliability	Economic/Congestion
2016	PJM	Delayed - Economics	200-299	230	500	06-2019	Red Lion	Silver Run	0.1	OH	DPL	I	Reliability	Economic/Congestion
2016	PJM	Delayed - Economics	200-299	230	500	06-2019	Cedar Creek	Silver Run	0.1	OH	DPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	06-2020	Herlan	Blue Racer	3.2	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	12-2019	Robison Park	Hiple	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	12-2019	Argenta/Weeds Lake	Hiple	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2018	Brunner Island	Williams Grove	20.2	OH	PPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2018	West Shore	Williams Grove	4.2	OH	PPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	09-2019	Bl England	Ocean City	13.0	OH	AEC	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	09-2019	Merion	Ocean City	22.0	OH	AEC	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	10-2017	Middletown Junction	New Customer	0.1	OH	FE(MetEd)	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	10-2017	Copperstone	New Customer	0.1	OH	FE(MetEd)	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	12-2017	Joffe	New Customer	1.3	OH	APS	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	10-2017	Black River	New Customer	0.7	OH	ATSI	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	10-2017	Lorain	New Customer	0.7	OH	ATSI	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	10-2017	Abingdon	New Station	0.7	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	10-2017	Wolf Hills	New Station	0.7	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	11-2018	South Bluefield	Bland	38.0	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	11-2018	Bland	Progress Park	12.0	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	12-2019	Chesterfield Avenue	Bullitt	5.0	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	12-2019	Capitol Hill	Bullitt	4.0	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	450	06-2019	West Deer	Pine Creek	17.0	OH	DUQ	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	05-2026	Dauphin	New Harrisburg	0.1	OH	PPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	250	05-2026	West Shore	New Harrisburg	0.1	UG	PPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	12-2020	Sunbury	New Sub	0.1	OH	PPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	12-2020	Susquehanna	New Sub	0.1	OH	PPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2020	Columbia	New Sub	0.1	OH	PPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	500	12-2020	Frackville	New Sub	0.1	OH	PPL	I	Reliability	Reliability
2016	PJM	Conceptual	300-399	345	1500	06-2018	Shenango	AA1-044	0.1	OH	FE(ATSI)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	300-399	345	1500	06-2018	Hoytdale	AA1-044	0.1	OH	FE(ATSI)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Cancelled - Economics	200-299	230	500	06-2017	Harwood	AA1-103	0.1	OH	PPL	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Cancelled - Economics	200-299	230	500	06-2017	Siegfried	AA1-103	0.1	OH	PPL	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Conceptual	200-299	230	500	06-2017	Mountain	AA1-036	0.1	OH	UGI	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	200-299	230	500	06-2017	Susquehanna	AA1-036	0.1	OH	UGI	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	400-599	500	3000	12-2017	Keystone	AA1-082	0.1	OH	FE(Penelec)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	400-599	500	3000	12-2017	Conemaugh	AA1-082	0.1	OH	FE(Penelec)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	400-599	500	3000	10-2019	Hunterstown	AA1-076	0.1	OH	FE(Penelec)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	400-599	500	3000	10-2019	Conemaugh	AA1-076	0.1	OH	FE(Penelec)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	200-299	230	500	05-2018	Raritan River	AA1-098	0.1	OH	FE(JC)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	200-299	230	500	05-2018	South River Junction	AA1-098	0.1	OH	FE(JC)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	300-399	345	1500	12-2019	Highland	AA1-123	0.1	OH	FE(ATSI)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	300-399	345	1500	12-2019	Sammis	AA1-123	0.1	OH	FE(ATSI)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	200-299	230	500	12-2017	East Towanda	AA1-144	0.1	OH	FE(Penelec)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	200-299	230	500	12-2017	Marshall	AA1-144	0.1	OH	FE(Penelec)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Conceptual	300-399	345	1500	12-2017	Powerton	AA1-018	0.1	OH	ComEd	I	Variable/Renewable Integ	Reliability
2016	PJM	Conceptual	300-399	345	1500	12-2017	Goodings Grove	AA1-018	0.1	OH	ComEd	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Conceptual	300-399	345	1500	12-2017	Breed	Casey	19.0	OH	AEP	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Conceptual	300-399	345	1500	12-2018	Desoto	Losantville	0.1	OH	AEP	I	Variable/Renewable Integ	Economic/Congestion

2016	PJM	Conceptual	300-399	345	1500	12-2018	Tanners Creek	Losantville	0.1	OH	AEP	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2020	Dresden	Tazewell	0.1	OH	ComEd	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2020	Dresden	Kendall	0.1	OH	ComEd	I	Reliability	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	06-2020	Rice	Conemaugh	0.1	OH	Transsource	I	Reliability	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	06-2020	Rice	Hunterstown	0.1	OH	Transsource	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	1000	06-2020	Rice	Ringgold	999.0	OH	Transsource	I	Reliability	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	06-2020	Furnace Run	Peach Bottom	0.1	OH	Transsource	I	Reliability	Reliability
2016	PJM	Planned	400-599	500	3000	06-2020	Furnace Run	TMI	0.1	OH	Transsource	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	1000	06-2020	Furnace Run	Conestone	999.0	OH	Transsource	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	01-2019	Dilles Bottom	George Washington	1.5	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	01-2019	Dilles Bottom	George Washington	1.5	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	01-2019	Dilles Bottom	Holloway	3.8	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	01-2019	Holloway (AEP)	George Washington	5.3	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2019	Sowers	Grabill	10.0	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2019	Sowers	South Hicksville	3.7	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2019	Varner Station	Collingwood	12.0	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2019	Varner Station	Auburn	10.5	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2019	Varner Station	Dunton Lake	9.5	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2019	Varner Station	Sowers	13.5	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	250	06-2018	Crane	Northeast	999.0	OH	BGE	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	250	06-2018	Windy Edge	Northeast	999.0	OH	BGE	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	1000	07-2019	South Reading	AA2-115	0.1	OH	FE(MetEd)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	200-299	230	1000	07-2019	North Boyertown	AA2-115	0.1	OH	FE(MetEd)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	200-299	230	1000	10-2019	AA1-111	Marshall	0.1	OH	FE(Penelec)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	200-299	230	1000	10-2019	AA1-111	Moshannon	0.1	OH	FE(Penelec)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	04-2020	AA2-116	Cook	0.1	OH	AEP	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	04-2020	AA2-116	East Elekhart	0.1	OH	AEP	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2020	Buena Vista	Springdale	0.1	OH	FE(APS)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2020	Buena Vista	Yukon	0.1	OH	FE(APS)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2020	Buena Vista	Yukon	0.1	OH	FE(APS)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2020	Buena Vista	Huntingdon	0.1	OH	FE(APS)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	600+	765	3200	12-2019	Sullivan	Reynolds	120.0	OH	AEP	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	100-120	115	150	10-2017	Hunterstown	AB2-071	0.1	OH	FE(MetEd)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	100-120	115	150	10-2017	Gardners	AB2-071	0.1	OH	FE(MetEd)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	200-299	230	1000	06-2020	Gilbert	AB1-154	0.1	OH	FE(JC)	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	09-2019	Juniata	DAUP	0.1	OH	PPL	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	09-2019	Alburtis	DAUP	0.1	OH	PPL	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	400-599	500	3000	09-2019	Sunbury	DAUP	0.1	OH	PPL	I	Fossil-Fired Integration	Economic/Congestion
2016	PJM	Planned	121-150	138	300	08-2018	Delano	Tuscany Station	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	08-2018	Scioto Trail	Tuscany Station	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2019	Kammer	Lamping	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2019	Muskingum	Lamping	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2019	Blue Racer	Lamping	10.0	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	05-2018	Meadow Lake	Reynolds	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	05-2018	Olive	Reynolds	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	1000	05-2018	Susquehanna	Jenkins	23.7	OH	PPL	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	12-2020	Zion	Rosecrans	0.1	OH	ComEd	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	12-2020	Libertyville	Rosecrans	0.1	OH	ComEd	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2022	Devola	Lamping	10.0	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	11-2018	Catoclin	Wolfsville	0.1	OH	FE(APS)	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	11-2018	Ringgold	Wolfsville	0.1	OH	FE(APS)	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	07-2018	Whiteley	Shannon Run	0.1	OH	FE(APS)	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	07-2018	Blacksville	Shannon Run	0.1	OH	FE(APS)	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	200	06-2018	Davidson	Britton Station	0.1	UG	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	200	06-2018	Dublin	Britton Station	0.1	UG	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2018	Davidson	Britton Station	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	04-2018	Brookville	McConville	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	04-2018	Graves Mill	McConville	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	06-2018	Amlin	Sumac	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2018	Beatty	Cole	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	300-399	345	1500	06-2018	Hayden	Cole	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	12-2017	West Lancaster	Clouse	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	12-2017	Zanesville	Clouse	0.1	OH	AEP	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	12-2019	Clark	Broadview	0.1	OH	FE(ATSI)	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	12-2019	Urbana	Broadview	0.1	OH	FE(ATSI)	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	12-2019	East Springfield	Broadview	0.1	OH	FE(ATSI)	I	Reliability	Economic/Congestion
2016	PJM	Planned	121-150	138	300	12-2019	Tangy	Broadview	0.1	OH	FE(ATSI)	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	650	10-2018	Suffolk	Haslet	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	200-299	230	650	10-2018	Earleys	Haslet	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	150	09-2018	Boykins	AA2-088	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	150	09-2018	Handsome	AA2-088	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	150	06-2018	Homertown	AA2-057	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	150	06-2018	Roanoke	AA2-057	0.1	OH	Dominion	I	Variable/Renewable Integ	Economic/Congestion
2016	PJM	Planned	100-120	115	150	05-2018	Four Rivers	Pinewood	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	100-120	115	150	05-2018	Fredericksburg	Pinewood	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	650	09-2018	Enterprise	Roundtable	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	650	09-2018	Waxpool	Roundtable	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016	PJM	Planned	200-299	230	650	09-2018	Brambleton	Roundtable	0.1	OH	Dominion	I	Reliability	Economic/Congestion

2016 PJM	Planned	200-299	230	650	09-2018	BECO	Roundtable	0.1	OH	Dominion	I	Reliability	Economic/Congestion
2016 PJM	Planned	200-299	230	650	05-2021	Remington CT Site	Opal	0.1	OH	Dominion	I	Fossil-Fired Integration	Economic/Congestion
2016 PJM	Planned	200-299	230	650	05-2021	Warrenton	Opal	0.1	OH	Dominion	I	Fossil-Fired Integration	Economic/Congestion
2016 SERC	Cancelled - Other (Corr	200-299	200-299	850	12-2016	Riverview Sw Sta	Peach Valley Tie	20.0	OH	Duke Energy	I	Reliability	Economic/Congestion
2016 SERC	Completed	200-299	200-299	850	06-2016	Riverview Sw Sta	Peach Valley Tie	20.0	OH	Duke Energy	I	Reliability	Economic/Congestion
2016 SERC	Planned	200-299	200-299	948	05-2020	Pepperhill	Summerville	8.0	OH	South Carolir	I	Reliability	Economic/Congestion
2016 SERC	Under Construction	200-299	200-299	948	08-2020	VC Summer #2	St. George	98.0	OH	South Carolir	I	Nuclear Integration	Economic/Congestion
2016 SERC	Completed	200-299	200-299	956	04-2015	Winnsboro	Richburg	27.0	OH	South Carolir	F	Nuclear Integration	Economic/Congestion
2016 SERC	Under Construction	200-299	200-299	956	05-2017	Richburg	Flat Creek	32.0	OH	South Carolir	F	Nuclear Integration	Economic/Congestion
2016 SERC	Under Construction	200-299	200-299	956	05-2018	Pomaria	Sandy Run	55.0	OH	South Carolir	F	Nuclear Integration	Economic/Congestion
2016 SERC	Under Construction	200-299	200-299	956	07-2019	Sandy Run	Orangeburg	28.0	OH	South Carolir	F	Nuclear Integration	Economic/Congestion
2016 SERC	Completed	100-120	100-120	797	09-2016	Bucksville	Garden City	14.8	OH	South Carolir	F	Reliability	Economic/Congestion
2016 SERC	Completed	200-299	200-299	956	06-2015	Winyah	Bucksville	32.0	OH	South Carolir	F	Reliability	Economic/Congestion
2016 SERC	Planned	100-120	100-120	237	12-2017	Faber Place	Hagood	5.0	OH	South Carolir	I	Reliability	Reliability
2016 SERC	Under Construction	200-299	200-299	1195	06-2018	Richmond	Ft. Bragg Woodruff St Substc	6.0	OH	Duke Energy	I	Reliability	Reliability
2016 SERC	Completed	100-120	100-120	176	12-2015	Yemassee/Burton	Laurel Bay	2.0	OH	South Carolir	I	Reliability	Reliability
2016 SERC	Under Construction	100-120	100-120	176	05-2017	Thomas Island	Jack Primus	3.0	OH	South Carolir	I	Reliability	Reliability
2016 SERC	Completed	200-299	200-299	956	06-2015	Purrysburg	McIntosh	5.0	OH	South Carolir	F	Reliability	Reliability
2016 SERC	Completed	200-299	200-299	948	05-2015	Lyles	Saluda River	4.0	OH	South Carolir	I	Reliability	Reliability
2016 SERC	Planned	200-299	200-299	956	12-2019	Marion	Red Bluff	47.0	OH	South Carolir	F	Reliability	Reliability
2016 SERC	Planned	100-120	100-120	240	12-2017	Bucksville	Myrtle Beach	12.5	OH	South Carolir	F	Reliability	Reliability
2016 SERC	Planned	100-120	100-120	240	07-2018	Perry Road	Myrtle Beach	5.5	OH	South Carolir	F	Reliability	Reliability
2016 SERC	Planned	100-120	100-120	352	05-2017	Cainhoy	Hamlin Tap	2.0	OH	South Carolir	I	Reliability	Reliability
2016 SERC	Planned	200-299	200-299	1195	06-2020	Grants Creek	jacksonville	15.0	OH	Duke Energy	I	Reliability	Reliability
2016 SERC	Planned	200-299	200-299	797	06-2020	Harlowe	Newport	10.0	OH	Duke Energy	I	Reliability	Reliability
2016 SERC	Planned	100-120	100-120	240	06-2017	Pine Level	Allen	15.0	OH	South Carolir	F	Reliability	Reliability
2016 SERC	Cancelled - Other (Corr	200-299	200-299	948	06-2018	Johns Island	Queensboro	12.0	OH	South Carolir	F	Reliability	Reliability
2016 SERC	Conceptual	100-120	100-120	240	06-2018	Johns Island	Queensboro	12.0	OH	South Carolir	F	Reliability	Reliability
2016 SERC	Conceptual	100-120	100-120	240	06-2018	Johns Island	Ritter	6.1	OH	South Carolir	F	Reliability	Reliability
2016 SERC	Planned	100-120	100-120	240	12-2017	Carnes Crossroads	Harleys Bridge	4.5	OH	South Carolir	F	Reliability	Economic/Congestion
2016 SERC	Planned	100-120	100-120	240	04-2017	Bluffton	Purrysburg	6.0	OH	South Carolir	F	Reliability	Economic/Congestion
2016 SERC	Planned	200-299	200-299	948	05-2022	Canadys	Ritter	18.0	OH	South Carolir	I	Reliability	Economic/Congestion
2016 SERC	Planned	100-120	100-120	275	12-2019	Dan River Combined Cycle	Sadler Tie	8.0	OH	Duke Energy	I	Reliability	Economic/Congestion
2016 SERC	Planned	100-120	100-120	237	06-2018	Bluffton (SCE&G)	Bluffton (Santee Cooper)	1.1	OH	South Carolir	I	Reliability	Economic/Congestion
2016 SERC	Planned	200-299	200-299	948	06-2019	South Augusta	Graniteville	19.0	OH	South Carolir	I	Reliability	Economic/Congestion
2016 SERC	Completed	151-199	161	286	11-2015	Rogersville	Holman	7.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Delayed - Other (Comm	<100	<100	245	06-2018	Bristow	Gypsy	11.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Delayed - Other (Comm	<100	<100	122	09-2018	Gypsy	Stroud	21.1	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Completed	121-150	138	245	05-2015	Stroud	Warwick	12.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Completed	151-199	161	286	06-2015	Stella	Cassville	15.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Completed	151-199	161	450	05-2015	Volunteer	East Knox	13.0	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Cancelled - Load Growi	151-199	161	532	06-2025	Battlefield	Craighead	1.4	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Cancelled - Load Growi	151-199	161	532	06-2025	Battlefield	Sharondale	2.7	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Conceptual	300-399	300-399	1369	06-2025	Franks	Barnett	50.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Under Construction	151-199	151-199	286	07-2016	Turkey Creek	Warsaw East	7.8	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Completed	<100	<100	122	09-2016	March	Crossway	12.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Conceptual	151-199	151-199	286	06-2025	Kingdom City	Mexico North	20.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Planned	151-199	151-199	286	01-2020	Maries	Rolla North Wye	20.8	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Conceptual	121-150	121-150	245	06-2025	Oak Ridge	Longtown	10.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Conceptual	151-199	151-199	286	06-2019	Carthage	Philbert	4.0	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Conceptual	151-199	151-199	286	06-2019	Jasper	Philbert	16.7	OH	Associated El	C	Reliability	Economic/Congestion
2016 SERC	Planned	151-199	151-199	299	12-2020	Bluff City	Elizabethon	11.1	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Planned	151-199	151-199	223	12-2017	5FREEPORT #2	5MENDENHAL 89	11.1	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Planned	151-199	151-199	223	12-2017	5CLARKE RD71	5MENDENHAL 89	1.2	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Planned	151-199	151-199	334	12-2026	SCOLL-GATE86	55 COLLIERVL 83	6.4	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Planned	151-199	151-199	334	12-2022	5SHELTON 79	55 COLLIERVL 83	4.8	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Planned	151-199	151-199	421	12-2023	5SHELBY MEM2	5BOLEN HUSE	10.0	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Planned	151-199	151-199	421	12-2023	5NE GATE 33	5BOLEN HUSE	6.3	OH	Tennessee V:	F	Reliability	Economic/Congestion
2016 SERC	Completed	151-199	161	334	06-2015	Spring Creek	Nance	2.0	OH	Tennessee V:	F	Fossil-Fired Integration	Reliability
2016 SERC	Completed	151-199	161	299	12-2015	Wilson	Oakland	12.4	OH	Tennessee V:	F	Fossil-Fired Integration	Reliability
2016 SERC	Under Construction	151-199	151-199	299	06-2017	Selmer	W. Adamsville	15.0	OH	Tennessee V:	F	Reliability	Reliability
2016 SERC	Completed	151-199	151-199	299	06-2017	Union	Tupelo	16.0	OH	Tennessee V:	F	Fossil-Fired Integration	Reliability
2016 SERC	Under Construction	100-120	100-120	240	12-2017	Fuller	Swamp Creek	10.0	OH	Tennessee V:	F	Reliability	Reliability
2016 SERC	Planned	151-199	151-199	299	01-2020	Alcoa North	Nixon Road	12.9	OH	Tennessee V:	F	Reliability	Reliability
2016 SERC	Conceptual	151-199	200-299	299	12-2019	Red Hills FP	Leake	59.2	OH	Tennessee V:	F	Reliability	Reliability
2016 SERC	Conceptual	151-199	151-199	223	01-2019	Wheaton	Cassville	15.0	OH	Associated El	C	Reliability	Reliability
2016 SERC	Cancelled - Other (Corr	100-120	100-120	240		Big Creek T.S.	Lynndell D.S.	8.0	OH	Alabama Pov	I	Reliability	Reliability
2016 SERC	Completed	100-120	100-120	240		North Mobile	Eight Mile D.S.	2.0	OH	Alabama Pov	I	Reliability	Reliability
2016 SERC	Cancelled - Other (Corr	100-120	100-120	240		Barnwell Tap	Turkey Hill	3.0	OH	Alabama Pov	I	Reliability	Reliability
2016 SERC	Completed	100-120	100-120	240		Englewood Tap	North Moundville	9.0	OH	Alabama Pov	I	Reliability	Reliability
2016 SERC	Completed	100-120	100-120	240		Moundville	Colonial Pipeline (Moundvill	6.0	OH	Alabama Pov	I	Reliability	Reliability
2016 SERC	Delayed - Other (Comm	100-120	100-120	240		W. Brunswick	Altamaha	8.0	OH	Georgia Pov	I	Reliability	Reliability
2016 SERC	Completed	100-120	100-120	240		Enterprise	South Enterprise TS	5.0	OH	Alabama Pov	I	Reliability	Reliability
2016 SERC	Completed	200-299	200-299	948		North Brewton TS	Alligator Swamp	17.0	OH	Alabama Pov	I	Reliability	Reliability
2016 SERC	Completed	100-120	100-120	240		South Tuscaloosa	Alberta SS	3.4	OH	Alabama Pov	I	Reliability	Economic/Congestion
2016 SERC	Completed	200-299	200-299	948		NorthBrewton	AlligatorSwamp	39.0	OH	Gulf Power C	I	Reliability	Economic/Congestion
2016 SERC	Completed	200-299	200-299	948		Holmes Creek	Highland City	69.0	OH	Gulf Power C	I	Reliability	Economic/Congestion
2016 SERC	Cancelled - Other (Corr	100-120	100-120	240		Bonifay	Chipley	14.0	OH	PowerSouth	C	Reliability	Economic/Congestion

2016	SERC	Cancelled - Other (Comm)	100-120	100-120			Dailey Mill	Flippen	3.5	OH	Georgia Tran	C	Reliability	Economic/Congestion
2016	SERC	Completed	100-120	100-120			Dalton - Oostanaula 115kV Net	New Customer	2.5	OH	City of Dalton	M	Other	Economic/Congestion
2016	SERC	Delayed - Other (Comm)	100-120	100-120			South Crestview	Glentap	12.0	OH	Gulf Power C	I	Reliability	Economic/Congestion
2016	SERC	Delayed - Other (Comm)	100-120	100-120			McConnell Road	South Acworth	4.7	OH	Georgia Tran	C	Reliability	Economic/Congestion
2016	SERC	Delayed - Other (Comm)	200-299	200-299			Athena	Bethabara	20.0	OH	Georgia Pow	I	Reliability	Economic/Congestion
2016	SERC	Delayed - Other (Comm)	200-299	200-299			Athena	Russell	45.0	OH	Georgia Pow	I	Reliability	Economic/Congestion
2016	SERC	Delayed - Other (Comm)	100-120	100-120	290	06-2023	North Brewton TS	North Brewton DS	6.0	OH	Alabama Pov	I	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	216	12-2017	Wire Road	Wire Road Tap	4.0	OH	Alabama Pov	I	Reliability	Economic/Congestion
2016	SERC	Planned	400-599	400-599	2701	12-2017	Vogtle	Thomson	60.0	OH	Georgia Pow	I	Nuclear Integration	Economic/Congestion
2016	SERC	Planned	100-120	100-120	216	06-2017	Americus	North Americus	3.0	OH	Georgia Pow	I	Reliability	Economic/Congestion
2016	SERC	Under Construction	200-299	200-299	602	06-2017	Cumming	Pincrest	7.0	OH	Georgia Tran	C	Reliability	Economic/Congestion
2016	SERC	Under Construction	100-120	100-120	216	06-2018	Crisp #2	Crisp #6	14.7	OH	Municipal Ele	M	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	216	05-2018	Co Line Rd	ECl Prattville	7.0	OH	Alabama Pov	I	Reliability	Economic/Congestion
2016	SERC	Completed	100-120	100-120	124	12-2016	Cairo # 1	Brumbley Creek	4.1	OH	Municipal Ele	M	Reliability	Economic/Congestion
2016	SERC	Under Construction	100-120	100-120	124	12-2018	Elberton #1	Elberton #2	2.6	OH	Municipal Ele	M	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	124	06-2019	Griffin #1	Griffin #2	1.6	OH	Municipal Ele	M	Reliability	Economic/Congestion
2016	SERC	Delayed - Other (Comm)	200-299	200-299	509	06-2024	Arnold Mill	Hopewell	12.0	OH	Georgia Tran	C	Reliability	Economic/Congestion
2016	SERC	Delayed - Other (Comm)	100-120	100-120	301	06-2017	Dailey Mill	Flippen	5.0	OH	Georgia Pow	I	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	240	01-2018	Salem	Bottoms Mill	16.0	OH	PowerSouth	C	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	240	12-2018	Southport	Bayou George	8.0	OH	PowerSouth	C	Reliability	Economic/Congestion
2016	SERC	Completed	100-120	100-120	216	12-2016	Danville	North Dudley	13.0	OH	Georgia Tran	C	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	325	05-2018	Mitchell Dam	Clanton Tap	10.0	OH	Alabama Pov	I	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	325	06-2019	Clay	Rainbow City	34.0	OH	Alabama Pov	I	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	251	06-2019	North Theodore	Praxiar Tap	5.0	OH	Alabama Pov	I	Reliability	Economic/Congestion
2016	SERC	Planned	200-299	200-299	907	05-2019	South Bessemer	Holt	25.0	OH	Alabama Pov	I	Reliability	Economic/Congestion
2016	SERC	Planned	100-120	100-120	216	06-2017	Dean Forest	Millhaven Annex	5.0	OH	Georgia Pow	I	Reliability	Economic/Congestion
2016	SERC	Delayed - Other (Comm)	200-299	200-299	693	06-2023	Belleville	North Brewton	16.0	OH	Alabama Pov	I	Reliability	Reliability
2016	SERC	Planned	200-299	200-299	866	04-2017	Cartersville Primary	Kingston	6.3	OH	Georgia Tran	C	Reliability	Reliability
2016	SERC	Planned	200-299	200-299		12-2017	Cumming	Sharon Springs	6.6	OH	Georgia Pow	I	Reliability	Reliability
2016	SERC	Planned	100-120	100-120	138	06-2019	Aliceville	Cochrane	9.0	OH	Alabama Pov	I	Reliability	Reliability
2016	SERC	Planned	100-120	100-120	212	06-2018	Fuller Road	Lee County	13.0	OH	Alabama Pov	I	Reliability	Reliability
2016	SERC	Planned	100-120	100-120	220	06-2023	Kronospan	Honda	10.0	OH	Alabama Pov	I	Reliability	Reliability
2016	SERC	Planned	100-120	100-120	216	12-2020	Hope Hull	South Hope Hull	3.0	OH	Alabama Pov	I	Reliability	Reliability
2016	SERC	Planned	100-120	100-120	216	12-2020	Pintala TS	South Hope Hull TS	3.0	OH	Alabama Pov	I	Reliability	Reliability
2016	SERC	Planned	200-299	200-299	907	12-2020	Snowdown TS	South Hope Hull TS	5.0	OH	Alabama Pov	I	Reliability	Reliability
2016	SERC	Conceptual	100-120	151-199	240	06-2020	Elsanor	Miflin	11.0	OH	PowerSouth	C	Reliability	Reliability
2016	SERC	Planned	100-120	100-120		06-2025	Sylvester	Sylvester Junction	10.6	OH	Georgia Pow	I	Reliability	Reliability
2016	SERC	Planned	100-120	200-299		06-2019	South Augusta	Graniteville	5.2	OH	Georgia Pow	I	Reliability	Reliability
2016	SERC	Planned	200-299	200-299		06-2019	South Augusta	Graniteville	5.2	OH	Georgia Pow	I	Reliability	Reliability
2016	SERC	Conceptual	100-120	100-120	251	06-2026	Moss Point East	Pascagoula Bayou Casotte	3.6	OH	Mississippi Pi	I	Reliability	Reliability
2016	SPP	Completed	200-299	200-299	363	1-2007	Morris County 230 kv	Mcdowell Creek 230 kv	28.0	OH	WR		Reliability	Reliability
2016	SPP	Completed	121-150	121-150	478	10-2007	Winnboro 138 kv	North Mineola 138 kv	25.0	OH	AEP		Reliability	Reliability
2016	SPP	Completed	121-150	121-150	352	5-2008	Snyder	Altus Junction 138 kv	27.0	OH	AEP		Reliability	Reliability
2016	SPP	Completed	300-399	300-399	1176	5-2008	Chamber Springs 345 kv	Tonttown 345	14.0	OH	AEP		Reliability	Reliability
2016	SPP	Completed	200-299	200-299	552	6-2009	Mustang Interchange 230 kv	Seminole Interchange 230 k'	20.6	OH	SPS		Reliability	Reliability
2016	SPP	Completed	200-299	200-299	541	6-2009	Potash Junction Interchange 230 kv	Pecos Interchange 230 kv	16.3	OH	SPS		Reliability	Reliability
2016	SPP	Completed	200-299	200-299	541	6-2009	Seven Rivers Interchange 230 k	Pecos Interchange 230 kv	17.5	OH	SPS		Reliability	Reliability
2016	SPP	Completed	200-299	200-299	541	6-2012	Moore County Interchange 230 k	Hitchland Interchange 230 k	62.0	OH	SPS		Reliability	Economic/Congestion
2016	SPP	Completed	100-120	100-120	161	5-2011	Lasley Switching Station 115 kv	Hitchland Interchange 115 k	30.0	OH	SPS		Reliability	Economic/Congestion
2016	SPP	Completed	100-120	100-120	161	5-2011	Sherman County Sub 115 kv	Dallam County Interchange	35.0	OH	SPS		Reliability	Economic/Congestion
2016	SPP	Completed	200-299	200-299	541	4-2013	Hitchland Interchange 230 kv	Ochiltree Interchange 230 k	35.0	OH	SPS		Reliability	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1140	6-2012	Hugo Unit 7	Valliant 345 kv	19.0	OH	ITCGP		Reliability	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1176	4-2014	Flint Creek 345 kv	Shipe Road 345	18.0	OH	AEP		Reliability	Economic/Congestion
2016	SPP	Planned	100-120	100-120	300	9-2016	Curry County Interchange 115 k	Bailey County Interchange 1	41.5	OH	SPS		Reliability	Economic/Congestion
2016	SPP	Planned	200-299	300-399	797	6-2017	East Manhattan 230 kv	Jeffrey Energy Center 230 kv	30.0	OH	WR		Reliability	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1052	6-2012	Sooner 345	Rose Hill 345 kv	43.3	OH	OGE		Reliability	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1052	4-2012	Sooner 345	Rose Hill 345 kv	49.5	OH	WR		Reliability	Economic/Congestion
2016	SPP	Completed	100-120	100-120	245	10-2010	Knob Hill 115 kv	Steele City	28.0	OH	WR		Reliability	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1195	3-2010	Northwest 345	Woodward EHV 345 kv	120.0	OH	OGE		Reliability	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1195	12-2012	Sooner 345	Cleveland 345	36.0	OH	OGE		Economics/Congestion	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1200	12-2013	Seminole 345	Muskogee 345	100.0	OH	OGE		Economics/Congestion	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1623	5-2014	Border	Woodward EHV 345 kv	94.4	OH	OGE		Economics/Congestion	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1972	9-2014	Tuco Interchange 345 kv	Border	195.6	OH	SPS		Economics/Congestion	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1792	6-2012	Spearville	Post Rock 345 kv	90.0	OH	ITCGP		Economics/Congestion	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1792	12-2012	Axtell	Post Rock 345 kv	53.0	OH	NPPD		Economics/Congestion	Economic/Congestion
2016	SPP	Completed	300-399	300-399	1792	12-2012	Axtell	Post Rock 345 kv	80.0	OH	ITCGP		Economics/Congestion	Economic/Congestion
2016	SPP	Planned	200-299	200-299	478	12-2017	Wolfforth Interchange 230 kv	Carlisle Interchange 230 kv	16.8	OH	SPS		Reliability	Economic/Congestion
2016	SPP	Completed	200-299	200-299	541	12-2014	Newhart Interchange 230 kv	Swisher County Interchange	19.0	OH	SPS		Reliability	Reliability
2016	SPP	Completed	200-299	200-299	541	5-2015	Pleasant Hill 230 kv	Oasis Interchange 230 kv	16.0	OH	SPS		Reliability	Reliability
2016	SPP	Completed	200-299	200-299	541	9-2015	Pleasant Hill 230 kv	Roosevelt County Interchange	26.0	OH	SPS		Reliability	Reliability
2016	SPP	Completed	300-399	300-399	1195	12-2009	Columbus East	Nw68Th & Holdrege	67.0	OH	NPPD		Reliability	Reliability
2016	SPP	Completed	300-399	300-399	1195	3-2010	Shell Creek	Columbus East	12.0	OH	NPPD		Reliability	Reliability
2016	SPP	Completed	200-299	200-299	541	5-2013	Randall County Interchange 230 kv	Amarillo South Interchange	20.0	OH	SPS		Reliability	Reliability
2016	SPP	Planned	300-399	300-399	1940	10-2016	Valliant 345 kv	Northwest Texarkana 345 kv	76.3	OH	AEP		Economics/Congestion	Reliability
2016	SPP	Planned	300-399	300-399	2496	12-2016	Sibley 345 kv	Maryville 345 kv	105.0	OH	TSMO		Economics/Congestion	Reliability
2016	SPP	Planned	300-399	300-399	2496	12-2016	Sub 3458 (Neb Cty)	Maryville 345 kv	65.0	OH	TSMO		Economics/Congestion	Reliability
2016	SPP	Planned	300-399	300-399	2496	12-2016	Sub 3458 (Neb Cty)	Maryville 345 kv	45.0	OH	OPPD		Economics/Congestion	Reliability
2016	SPP	Completed	300-399	300-399	1792	5-2014	Hitchland Interchange 345 kv	Woodward EHV 345 kv	30.0	OH	SPS		Economics/Congestion	Reliability

2016 SPP	Completed	300-399	300-399	1792	5-2014	Hitchland Interchange 345 kv	Woodward EHV 345 kv	30.0	OH	SPS	Economics/Congestion	Reliability
2016 SPP	Completed	300-399	300-399	1792	5-2014	Hitchland Interchange 345 kv	Woodward EHV 345 kv	92.0	OH	OGE	Economics/Congestion	Reliability
2016 SPP	Completed	300-399	300-399	1792	5-2014	Hitchland Interchange 345 kv	Woodward EHV 345 kv	92.0	OH	OGE	Economics/Congestion	Reliability
2016 SPP	Completed	300-399	300-399	1792	11-2014	Thistle 345 kv	Woodward EHV 345 kv	79.0	OH	OGE	Economics/Congestion	Reliability
2016 SPP	Completed	300-399	300-399	1792	11-2014	Thistle 345 kv	Woodward EHV 345 kv	79.0	OH	OGE	Economics/Congestion	Reliability
2016 SPP	Completed	300-399	300-399	1792	11-2014	Thistle 345 kv	Woodward EHV 345 kv	30.4	OH	PW	Economics/Congestion	Reliability
2016 SPP	Completed	300-399	300-399	1792	11-2014	Thistle 345 kv	Woodward EHV 345 kv	30.4	OH	PW	Economics/Congestion	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1792	12-2014	Ironwood 345 kv	Clark Co 345 kv	35.0	OH	ITCGP	Economics/Congestion	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1792	12-2014	Ironwood 345 kv	Clark Co 345 kv	35.0	OH	ITCGP	Economics/Congestion	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1792	12-2014	Clark Co 345 kv	Thistle 345 kv	86.0	OH	ITCGP	Economics/Congestion	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1792	12-2014	Clark Co 345 kv	Thistle 345 kv	86.0	OH	ITCGP	Economics/Congestion	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1792	5-2014	Thistle 345 kv	Wichita 345 kv	77.5	OH	PW	Economics/Congestion	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1792	5-2014	Thistle 345 kv	Wichita 345 kv	77.5	OH	PW	Economics/Congestion	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1426	6-2019	Arcadia 345	Redbud 345	5.0	OH	OGE	Reliability	Economic/Congestion
2016 SPP	Planned	200-299	200-299	541	12-2015	Channing 230 kv	Potter County Interchange 2	52.0	OH	SPS	Reliability	Economic/Congestion
2016 SPP	Planned	200-299	200-299	541	12-2015	Channing 230 kv	Dallam 230 kv	70.0	OH	SPS	Reliability	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1758	8-2012	Turk 345	Northwest Texarkana 345 kv	33.0	OH	AEP	Reliability	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1792	4-2012	Hugo Unit 7	Sunnyside 345	120.0	OH	OGE	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	3-2018	Chisholm 345 kv	Gracemont 345 kv	72.0	OH	AEP	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	3-2018	Chisholm 345 kv	Gracemont 345 kv	29.8	OH	OGE	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	7-2018	Woodward EHV 345 kv	Tatonga 345 kv	49.0	OH	OGE	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	7-2018	Tatonga 345 kv	Mathewson 345	61.0	OH	OGE	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	3-2018	Elm Creek 345 kv	Summit 345 kv	29.8	OH	ITCGP	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	12-2016	Elm Creek 345 kv	Summit 345 kv	28.5	OH	WR	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	6-2016	Hoskins 345 kv	Neligh 345 kv	41.0	OH	NPPD	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	10-2018	Cherry County 345 kv	Gerald Gentleman Station	110.0	OH	NPPD	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	10-2018	Cherry County 345 kv	Holt County 345 kv	117.0	OH	NPPD	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	6-2020	Tuco Interchange 345 kv	Yoakum County Interchange	107.0	OH	SPS	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	7-2016	Mathewson 345	Cimarron 345	16.0	OH	OGE	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1792	6-2020	Yoakum County Interchange 34	Hobbs Interchange 345 kv	52.0	OH	SPS	Reliability	Economic/Congestion
2016 SPP	Completed	300-399	300-399	2546	4-2015	Iatan 345 kv	Paola 345 kv	31.0	OH	TSMO	Economics/Congestion	Economic/Congestion
2016 SPP	Planned	121-150	121-150	586	6-2019	Viola 138 kv	Gill Energy Center West 138	27.9	OH	WR	Reliability	Economic/Congestion
2016 SPP	Completed	121-150	121-150	228	1-2013	NOEL	Wakita Switch (138 kv)	41.2	OH	WFEC	Reliability	Economic/Congestion
2016 SPP	Planned	121-150	121-150	314	6-2020	Sumner County 138 kv	Viola 138 kv	28.0	OH	WR	Reliability	Economic/Congestion
2016 SPP	Completed	300-399	300-399	541	10-2015	Potash Junction Interchange 23	Road Runner 345 kv	40.4	OH	SPS	Reliability	Economic/Congestion
2016 SPP	Planned	100-120	100-120	176	3-2018	Broken Bow Wind	Ord	42.0	OH	NPPD	Reliability	Reliability
2016 SPP	Completed	300-399	300-399	1792	12-2014	Ironwood 345 kv	Spearville	1.5	OH	ITCGP	Economics/Congestion	Reliability
2016 SPP	Planned	121-150	121-150	316	5-2017	Darlington Road 138 kv	Roman Nose 138	14.3	OH	AEP	Reliability	Reliability
2016 SPP	Planned	300-399	300-399	1792	6-2018	China Draw Substation 345 kv	North Loving Sub 345 kv	18.2	OH	SPS	Reliability	Reliability
2016 SPP	Planned	300-399	300-399	1792	6-2018	Potash Junction Interchange 34	North Loving Sub 345 kv	20.4	OH	SPS	Reliability	Reliability
2016 SPP	Planned	300-399	300-399	1792	6-2018	Potash Junction Interchange 34	Hobbs Interchange 345 kv	47.2	OH	SPS	Reliability	Reliability
2016 SPP	Completed	300-399	300-399	1792	12-2014	Ironwood 345 kv	Spearville	1.5	OH	ITCGP	Economics/Congestion	Economic/Congestion
2016 SPP	Planned	121-150	121-150	316	12-2016	Darlington Road 138 kv	Roman Nose 138	13.2	OH	OGE	Reliability	Economic/Congestion
2016 SPP	Planned	100-120	100-120	304	6-2018	Walkemeyer 115 kv	Stevens Co. 115 kv	1.0	OH	SEPC	Reliability	Economic/Congestion
2016 SPP	Planned	100-120	100-120	304	TBD	North Liberal 115 kv	Walkemeyer 115 kv	21.0	OH	TBD	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1195	1-2019	Iatan 161	Stranger 161 kv	6.5	OH	GMO	Reliability	Economic/Congestion
2016 SPP	Planned	300-399	300-399	1195	1-2019	Iatan 161	Stranger 161 kv	11.6	OH	WR	Reliability	Economic/Congestion
2016 SPP	Completed	300-399	300-399	1052	12-2015	ANTELOPE VALLEY	CHARLIE CREEK	70.0	OH	BEPC	Reliability	Reliability
2016 SPP	Completed	300-399	300-399	1052	12-2015	CHARLIE CREEK	JUDSON	75.0	OH	BEPC	Reliability	Reliability
2016 SPP	Planned	300-399	300-399	1052	10-2017	JUDSON	TANDE	58.0	OH	BEPC	Reliability	Reliability
2016 SPP	Planned	200-299	200-299	440	1-2018	Lower Brule	Witten	65.0	OH	BEPC	Reliability	Reliability
2016 WECC	Completed	100-120		159		Eldorado	Plainview	4	OH	PSC	I	Reliability
2016 WECC	Completed	200-299		576		Rifle	Parachute	20	OH	PSC	I	Reliability
2016 WECC	Planned	300-399		1733	06-2019	Pawnee	Daniels Park	115	OH	PSC	I	Reliability
2016 WECC	Cancelled - Other (Com	300-399			12-2011	Huerfano County, CO	Pueblo, CO	43		TSGT	C	Reliability
2016 WECC	Cancelled - Other (Com	200-299		613	12-2011	Huerfano County, CO	Pueblo, CO	7		TSGT	C	Reliability
2016 WECC	Cancelled - Other (Com	200-299			09-2015	Alamosa County, CO	Huerfano County, CO	93		TSGT	C	Reliability
2016 WECC	Cancelled - Other (Com	200-299				Sidney, NB	Peetz, CO	5		TSGT		Reliability
2016 WECC	Conceptual	300-399	345	2000		Lamar, CO area	Denver, CO area	300-350		TSGT		Reliability
2016 WECC	Cancelled - Other (Com	100-120		219	12-2013	La Junta BHCE 100-120 kv bus	La Junta TSGT 100-120 kv bu	1	OH	BHCE	I	Reliability
2016 WECC	Completed	100-120		219	12-2012	Pueblo 100-120 kv bus	West Station 100-120 kv bus	5	OH	BHCE	I	Reliability
2016 WECC	Under Construction	100-120		219	12-2015	Baclite Mesa 100-120 kv bus	Northeridge 100-120 kv bus	4	OH	BHCE	I	Reliability
2016 WECC	Completed	100-120		219	12-2015	Nyberg 115 kv	Boone 115 kv	11	OH	BHCE	I	Reliability
2016 WECC	Completed	100-120		219		West Station 115 kv	Desert Cove 115 kv	4	OH	BHCE	I	Reliability
2016 WECC	Conceptual	200-299		576	12-2023	Parachute	Cameo	31	OH	PSC	I	Reliability
2016 WECC	Completed	200-299		376		Cherokee	Ridge	9	OH	PSC	I	Reliability
2016 WECC	Conceptual	100-120	69	191	06-2019	Glenwood	Rifle	27	OH	PSC	I	Reliability
2016 WECC	Cancelled - Other (Com	200-299	230	642	12-2017	Limon, CO	Calhan, CO	55	OH	TSGT		Reliability
2016 WECC	Completed	100-120				Monfort	DCP Substation	3	OH	PSC	I	Reliability
2016 WECC	Delayed - Other (comm	100-120		159	12-2019	Gilman	Avon	10	OH	PSC or HCE	I	Reliability
2016 WECC	Conceptual	200-299		440	11-2018	Wheeler	Wolf Ranch	18	OH	PSC	I	Reliability
2016 WECC	Completed	100-120		287		Bruch	Brush	3	OH	PSC	I	Reliability
2016 WECC	Completed	100-120	115	245	12-2015	Prairie Center	Bromley	4	OH	TSGT		Reliability
2016 WECC	Cancelled - Other (Com	100-120	115	166	12-2018	Sterling Ranch	Sterling Ranch Tap	3	OH	TSGT		Reliability
2016 WECC	Planned	100-120		239		Grandview 115kv	Compark 115kv	2	OH	IREA	C	Reliability
2016 WECC	Planned	100-120		220		Ault	Cloverly	23	OH	PSC	I	Reliability
2016 WECC	Planned	200-299		576		Milton	Rosedale	15	OH	PSC	I	Reliability
2016 WECC	Planned	200-299		576		Weld	Rosedale	17	OH	PSC	I	Reliability

2016 WECC	Conceptual	200-299		TBD	06-2019 Rifle	Story Gulch	25	OH	PSC	I	Reliability	
2016 WECC	Conceptual	200-299		TBD	06-2019 Ault	South of Greeley	TBD	OH	PSC	I	Reliability	
2016 WECC	Under construction	200-299	230	300	12-2018 JM Shafer	South Kersey, Henry Lake	49		TSGT	C	Reliability	
2016 WECC	Cancelled - Other (Com	100-120	115	130		West Station		1	OH	TSGT	C	Reliability
2016 WECC	Under Construction	200-299	230	642		Burlington, CO	Lamar, CO	107	OH	TSGT	C	Reliability
2016 WECC	Conceptual	200-299	230	642		Boone	Walsenburg	69	OH	TSGT	C	Reliability
2016 WECC	Conceptual	200-299	230	642		Boone	Lamar, CO	100	OH	TSGT	C	Reliability
2016 WECC	Conceptual	100-120		219		West Station 115 kV	West Canon 115 kV	42	OH	BHCE	I	Reliability
2016 WECC	Conceptual	100-120		219		Desert Cove 115 kV	Midway 115 kV	15	OH	BHCE	I	Reliability
2016 WECC	Conceptual	100-120	115	239		Brick Center 115 kV	Kiowa, CO	11	OH	IREA	C	Reliability
2016 WECC	Conceptual	100-120		219		Nyberg 115 kV	Airport Memorial 115 kV	5	OH	BHCE	I	Reliability
2016 WECC	Planned	200-299	230	631		San Luis Valley	Poncha	60	OH	TSGT	C	Reliability
2016 WECC	Planned	100-120	115	220		Lucern 115 kV	Cloverly 115 kV	2	OH	PSC	I	Reliability
2016 WECC	Planned	300-399	345	1637		Rush Creek 345 kV	Missile Site 345 kV	85	OH	PSC	I	Variable/Renewable Integration
2016 WECC	Completed	200-299		558	12-2014	Teckla 200-299 kV bus	Osage 200-299 kV bus	60	OH	BHP	I	Reliability
2016 WECC	Planned	200-299		558	12-2015	Osage 200-299 kV bus	Lange 200-299 kV bus	75	OH	BHP	I	Reliability
2016 WECC	Completed	100-120		217	12-2014	Happy Jack Sub	North Range Sub	1		CLFP	I	Reliability
2016 WECC	Completed	100-120		155	04-2014	Archer Sub	East Business Park Sub	1	OH	CLFP	I	Fossil-Fired Integration
2016 WECC	Completed	100-120		219	12-2014	South Cheyenne Sub	North Range Sub	13	OH	CLFP	I	Reliability
2016 WECC	Planned	200-299		613	09-2012	Shiprock, NM	La Plata County, CO	40		TSGT	C	Reliability
2016 WECC	Planned	200-299		613	12-2012	Burlington, CO	Wray, CO	56		TSGT	C	Economics/Congestion
2016 WECC	Conceptual	100-120		166	12-2011	Pagosa Springs, CO	To Be Determined	37		TSGT	C	Reliability
2016 WECC	Conceptual	100-120		166	12-2016	Montrose, CO	Montrose County, CO	8		TSGT	C	Reliability
2016 WECC	Planned	200-299				Sidney, NB	Peetz, CO	5		TSGT		Reliability
2016 WECC	Conceptual	300-399				Lamar, CO area	Denver, CO area			TSGT		Reliability
2016 WECC	Planned	200-299				Limon, CO	Calhan, CO	55		TSGT		Reliability
2016 WECC	Planned	200-299		460	12-2019	South Rapid City 200-299 kV Su	Westhill 200-299 kV Sub	48	OH	BHP	I	Reliability
2016 WECC	Planned	100-120		425	12-2017	East Business Park 100-120 kV	CPGS 100-120 kV Sub	1	OH	CLFP	I	Fossil-Fired Integration
2016 WECC	Planned	100-120		425	12-2017	Archer 100-120 kV Sub	CPGS 100-120 kV Sub	2	OH	CLFP	I	Fossil-Fired Integration
2016 WECC	Planned	100-120		425	12-2017	North Range 100-120 kV Sub	Swan Ranch 100-120 kV Sub	2	OH	CLFP	I	Reliability
2016 WECC	Planned	100-120		219	12-2023	CPGS 100-120 kV Sub	South Cheyenne 100-120 kV	11	OH	CLFP	I	Fossil-Fired Integration
2016 WECC	Planned	200-299		495	?/2017	Nixon South Sub	Kelker Sub	13	OH	CSU	M	Reliability
2016 WECC	Under Construction	200-299	230	642		Burlington, CO	Lamar, CO	107	OH	TSGT	C	Reliability
2016 WECC	Completed	100-120	115	130		West Station	Pueblo West Tap	1	OH	TSGT	C	Reliability
2016 WECC	Planned	200-299	230	642	12-2017	Limon, CO	Calhan, CO	55	OH	TSGT		Reliability
2016 WECC	Planned	100-120	115	244		Wind River Tap	Wyoop Sub	17	OH	TSGT	C	Reliability
2016 WECC	Conceptual	200-299	230	600	09-2012	Shiprock, NM	near Ignacio, CO	70		TSGT	C	Reliability
2016 WECC	Under Construction	200-299	230	612		Montrose, CO	Cahone Sub	80	OH	TSGT	C	Reliability
2016 WECC	Planned	100-120	115	232		Falcon Sub	Calhan, CO	25	OH	TSGT	C	Reliability
2016 WECC	Planned	100-120	115	146		Falcon Sub	Midway Sub	27	OH	TSGT	C	Reliability
2016 WECC	Under Construction	100-120	115	232		Sawmill Creek Sub	Hammond Sub	50	OH	TSGT	C	Reliability
2016 WECC	Planned	200-299	230	647		Badwater Sub	Sawmill Creek Sub	117	OH	TSGT	C	Reliability
2016 WECC	Planned	100-120	115	238.4		Lost Canyon Sub	Main Switch Sub	20	OH	TSGT	C	Reliability
2016 WECC	Planned	100-120	115	242		Burlington, CO	Burlington (KC) Sub	2	OH	TSGT	C	Reliability
2016 WECC	Planned	100-120	115	143.8		Sunshine Sub	Telluride, CO	5	OH	TSGT	C	Reliability
2016 WECC	Planned	200-299	230	558	12-2019	West Hill 200-299kV bus	Stegall 200-299kV Sub	127	OH	BHP	I	Economics/Congestion
2016 WECC	Planned	100-120	115	425	12-2018	Corlett Sub	North Range Sub	NA (Terminal Up	OH	CLFP	I	Economics/Congestion
2016 WECC	Planned	100-120	115	425	12-2018	Happy Jack Sub	North Range Sub	NA (Terminal Up	OH	CLFP	I	Economics/Congestion
2016 WECC	Completed	100-120		319	05-2014	ED4	ED2	9		Western Are: F		Reliability
2016 WECC	Conceptual	151-199		279		Parker	Headgate Rock	13		Western Are: F		Reliability
2016 WECC	Under Construction	100-120		151		ED2	Saguaro	36		Western Are: F		Reliability
2016 WECC	Conceptual	100-120		88.6		Coolidge	Oracle	45		Western Are: F		Reliability
2016 WECC	Conceptual	200-299		319		Pinal Central	ED5	18		Western Are: F		Reliability
2016 WECC	Conceptual	200-299		355		Rogers	Coolidge	40		Western Are: F		Economics/Congestion
2016 WECC	Conceptual	200-299		377		Lone Butte	Sundance	46		Western Are: F		Economics/Congestion
2016 WECC	Conceptual	151-199		167		Dome Tap	Gila	8		Western Are: F		Reliability
2016 WECC	Conceptual	151-199		167		Gila	Welton Mohawk	13		Western Are: F		Reliability
2016 WECC	Conceptual	151-199		167		Blythe	Gold Mine Tap	42		Western Are: F		Reliability
2016 WECC	Conceptual	151-199		167		Gold Mine Tap	Knob	22		Western Are: F		Reliability
2016 WECC	Conceptual	200-299	230	600	09-2012	Shiprock, NM	near Ignacio, CO	70		TSGT	C	Reliability
2016 WECC	Under Construction	100-120	115	115	12-2015	Escalante, NM	Gallup, NM	42		TSGT	C	Reliability
2016 WECC	Under Construction	100-120	115	200	12-2012	North	Montano	2		PNM	I	Reliability
2016 WECC	Conceptual	100-120	115	285	06-2015	Buckman	White Rock	12		Los Alamos C M		Economics/Congestion
2016 WECC	Conceptual	100-120	115	285	06-2019	BA	STA	12		Los Alamos C M		Economics/Congestion
2016 WECC	Completed	300-399	345	1195		San Juan	BA			PNM	I	Reliability
2016 WECC	Completed	100-120	115	153		near Las Cruces	Las Cruces, NM	3		TSGT	C	Reliability
2016 WECC	Cancelled - Other (comr	100-120	115	168	12-2018	near Caballo, NM	Mimbres Substation	57		TSGT	C	Reliability
2016 WECC	Planned	100-120	115	240	12-2019	Gladstone, NM	Springer, NM	61		TSGT	C	Reliability
2016 WECC	Cancelled - Other (comr	200-299	230	631	12-2021	San Luis Valley, CO	near Carson, NM	62		TSGT	C	Reliability
2016 WECC	Completed	300-399	345	1195		Four Corners	West Mesa			PNM	I	Reliability
2016 WECC	Completed	100-120	115	200		Rio Puerco	Progress			PNM	I	Reliability
2016 WECC	Completed	100-120	345	450		San Juan	Ojo			PNM	I	Reliability
2016 WECC	Completed	100-120	115	234		La Jara-San Ysidro 115 kV line	Torreon	2		TSGT	C	Reliability
2016 WECC	Planned	300-399	345	1195	11-2017	San Juan	Rio Puerco			PNM	I	Reliability
2016 WECC	Under Construction	300-399	345	1057	04-2017	B-A	Guadalupe			PNM	I	Reliability
2016 WECC	Cancelled - Load Growt	100-120		156.6	12-2015	Las Cruces, NM	Las Cruces, NM	32	OH	EPE	I	Other
2016 WECC	Completed	100-120		353	05-2015	El Paso, Tx	El Paso,Tx	3	OH	EPE	I	Reliability
2016 WECC	Completed	100-120		353	05-2016	El Paso, Tx	El Paso,Tx	3	OH	EPE	I	Reliability

2016	WECC	Planned	100-120	353	05-2016	El Paso, Tx	El Paso, Tx	6	OH	EPE	I	Reliability		
2016	WECC	Cancelled - Load Growth	100-120	156.6	05-2018	El Paso, Tx	El Paso, Tx	11	OH	EPE	I	Reliability		
2016	WECC	Cancelled - Load Growth	100-120	156.6	05-2018	El Paso, Tx	El Paso, Tx	10	OH	EPE	I	Reliability		
2016	WECC	Planned	100-120	156.6	05-2020	El Paso, Tx	El Paso, Tx	18	OH	EPE	I	Reliability		
2016	WECC	Planned	100-120	156.6	05-2020	El Paso, Tx	El Paso, Tx	4	OH	EPE	I	Reliability		
2016	WECC	Planned	100-120	156.6	05-2021	El Paso, Tx	El Paso, Tx	12	OH	EPE	I	Reliability		
2016	WECC	Planned	100-120	156.6	12-2015	Las Cruces, NM	Las Cruces, NM	14	OH	EPE	I	Reliability		
2016	WECC	Planned	400-599	2595	06-2012	Maricopa Co. AZ	Wintersburg AZ	15	OH	APS	I	Economics/Congestion		
2016	WECC	Planned	200-299	2595	06-2014	Buckeye AZ	Surprise AZ	15	OH	APS	I	Economics/Congestion		
2016	WECC	Completed	400-599	1903	06-2014	Wintersburg AZ	Yuma AZ		OH	APS	I	Economics/Congestion		
2016	WECC	Completed	200-299	1194	06-2015	Surprise AZ	Goodyear AZ	12	OH	APS	I	Reliability		
2016	WECC	Completed	200-299	1194	06-2015	Surprise AZ	Surprise AZ	12	OH	APS	I	Reliability		
2016	WECC	Planned	400-599	2595	06-2016	Buckeye AZ	Peoria AZ	40	OH	APS	I	Economics/Congestion		
2016	WECC	Planned	400-599	2595	06-2014	Maricopa Co. AZ	Buckeye AZ	28	OH	APS	I	Economics/Congestion		
2016	WECC	Planned	200-299	2595	06-2014	Yuma AZ	Yuma AZ	13	OH	APS	I	Economics/Congestion		
2016	WECC	Planned	200-299	875	06-2020	Gilbert AZ	Queen Creek AZ	8		SRP	S	Reliability		
2016	WECC	Planned	200-299	875	06-2020	Queen Creek AZ	Florence AZ	12		SRP	S	Reliability		
2016	WECC	Planned	400-599	3000	01-2015	Corona, NM	Coolidge AZ	500		SWPG SunZia	O	Variable/Renewable Integration		
2016	WECC	Conceptual	200-299		04-2018	Pinal County, AZ	Ray, AZ	2		SRP	S	Reliability		
2016	WECC	Conceptual	200-299		02-2018	Ray, AZ	Ray, AZ	5		SRP	S	Reliability		
2016	WECC	Conceptual	400-599			Wintersburg, AZ	Maricopa, AZ	51		SRP	S	Reliability		
2016	WECC	Conceptual	400-599		04-2016	Goodyear, AZ	Goodyear, AZ			TEP	S	Economics/Congestion		
2016	WECC	Planned	200-299		04-2018	Chandler, AZ	Chandler, AZ		TBD	SRP	S	Reliability		
2016	WECC	Conceptual	200-299		04-2017	Chandler, AZ	Chandler, AZ		TBD	SRP	S	Reliability		
2016	WECC	Planned	200-299	TBD		Mesa, AZ	Gilbert, AZ	13		SRP	S	Reliability		
2016	WECC	Planned	200-299	TBD		Mesa, AZ	Gilbert, AZ	9		SRP	S	Reliability		
2016	WECC	Completed	100-120	120		Florence, AZ	Florence, AZ	<1		SRP	S	Variable/Renewable Integration		
2016	WECC	Planned	200-299	TBD	04-2021	Florence, AZ	Florence, AZ	<1		SRP	S	Fossil-Fired Integration	Reliability	
2016	WECC	Conceptual	200-299			Mesa, AZ	Mesa, AZ	TBD		SRP	S	Reliability	Reliability	
2016	WECC	Conceptual	200-299			Mesa, AZ	Mesa, AZ	TBD		SRP	S	Reliability	Reliability	
2016	WECC	Conceptual	200-299			Mesa, AZ	Mesa, AZ	TBD		SRP	S	Reliability	Reliability	
2016	WECC	Conceptual	300-399	1195		Vail, AZ	Tucson, AZ	11		TEP	I	Other	Reliability	
2016	WECC	Conceptual	300-399	1195		Tucson, AZ	Sahuarita, AZ	16		TEP	I	Other	Reliability	
2016	WECC	Conceptual	400-599	1195		Red Rock, AZ	Benson, AZ	80		TEP	I	Other	Reliability	
2016	WECC	Conceptual	300-399	1195		Vail, AZ	Sahuarita, AZ	14		TEP	I	Other		
2016	WECC	Conceptual	300-399	1195		Springerville, AZ	Greenlee, AZ	110		TEP	I	Other		
2016	WECC	Conceptual	300-399	1195		Red Rock, AZ	Sahuarita, AZ	68		TEP	I	Other		
2016	WECC	Conceptual	400-599	540		Phoenix, AZ	Sahuarita, AZ	68		TEP	I	Other		
2016	WECC	Conceptual	121-150			Tucson, AZ	Tucson, AZ	10		TEP	I	Reliability		
2016	WECC	Planned	100-120	115 kV	100	01-1918	Rocky Reach	Chelan	29	OH	CHPD	M	Other	
2016	WECC	Planned	200-299	574	06-2014	Blue Lake	Gresham	6	OH	PGN	I	Reliability		
2016	WECC	Planned	200-299	574	06-2018	Blue Lake	Troutdale	2	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	200-299	574	06-2018	Blue Lake	Troutdale	2	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	200-299	574	06-2018	Horizon	St. Mary's/Trojan	4	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	100-120	168	06-2018	Harrison	Marquam	2	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	100-120	219	06-2019	Orenco	Sunset	3	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	100-120	1711	06-2017	St Marys	Tektronix	2	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	100-120	318	06-2019	Harborton	Wacker	4	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	100-120	318	06-2019	E	Wacker	4	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	100-120	318	06-2019	Canyon	E	2	OH	PGN	I	Reliability	Reliability	
2016	WECC	Planned	100-120	219	12-2018	Shute	West Union	4	OH	PGN	I	Reliability	Reliability	
2016	WECC	Completed	200-299	230	671.6	12-2012	Douglas Switchyard	Rapids Switchyard	13	OH	DOPD	M	Reliability	Reliability
2016	WECC	Planned	200-299	230	671.2	06-2015	Rapids Switchyard	Columbia Substation	9	OH	DOPD	M	Reliability	Reliability
2016	WECC	Planned	100-120	115	128	12-2010	Watson Draw Tap Switch	Gold Creek Substation	14	OH	OKPD	M	Reliability	Reliability
2016	WECC	Planned	100-120	115	128	12-2010	Gold Creek Substation	Twisp Switchyard	14	OH	OKPD	M	Reliability	Reliability
2016	WECC	Cancelled - Load Growth	100-120	115		12-2013	Tonasket Switchyard	Aeneas Substation	16	OH	OKPD	M	Reliability	Reliability
2016	WECC	Planned	100-120	115	224.4	12-2020	Douglas Switchyard	Chelan Hydro Sub	29	OH	DOPD	M	Reliability	Reliability
2016	WECC	Planned	100-120	239		05-2107	Rocky Ford	Larson	7	OH	GCPD	M	Reliability	Reliability
2016	WECC	Cancelled - Load Growth	200-299	1200		06-2013	Las Vegas NV	Las Vegas NV	1	OH	NEVP	I	Economics/Congestion	Reliability
2016	WECC	Cancelled - Load Growth	200-299	1200		06-2013	Las Vegas NV	Las Vegas NV	1	OH	NEVP	I	Economics/Congestion	
2016	WECC	Cancelled - Load Growth	200-299	810		06-2013	Las Vegas NV	Las Vegas NV	18	OH	NEVP	I	Economics/Congestion	
2016	WECC	Cancelled - Load Growth	200-299	810		06-2013	Las Vegas NV	Las Vegas NV	18	OH	NEVP	I	Economics/Congestion	
2016	WECC	Cancelled - Load Growth	200-299	810		06-2013	Las Vegas NV	Las Vegas NV	4	OH	NEVP	I	Economics/Congestion	
2016	WECC	Cancelled - Load Growth	400-599	3000		06-2013	Las Vegas NV	Las Vegas NV	8	OH	NEVP	I	Economics/Congestion	
2016	WECC	Cancelled - Load Growth	400-599	3000		06-2013	Las Vegas NV	Las Vegas NV	8	OH	NEVP	I	Economics/Congestion	
2016	WECC	Conceptual	400-599	3000		06-2013	Las Vegas NV	Las Vegas NV	28	OH	NEVP	I	Variable/Renewable Integration	
2016	WECC	Cancelled - Load Growth	200-299	810		06-2015	Las Vegas NV	Las Vegas NV	16	OH	NEVP	I	Economics/Congestion	
2016	WECC	Cancelled - Load Growth	200-299	810		06-2015	Las Vegas NV	Las Vegas NV	1	OH	NEVP	I	Economics/Congestion	
2016	WECC	Cancelled - Load Growth	200-299	810		06-2015	Las Vegas NV	Las Vegas NV	16	OH	NEVP	I	Economics/Congestion	
2016	WECC	Conceptual	400-599	3000		06-2016	Boulder City NV	Lathrop WellsNV	110	OH	NEVP	I	Variable/Renewable Integration	
2016	WECC	Conceptual	400-599	3000		06-2016	Las Vegas NV	Lathrop WellsNV	75	OH	NEVP	I	Variable/Renewable Integration	
2016	WECC	Planned	400-599			06-2015	Las Vegas NV	Las Vegas NV	0	OH	NEVP	I	Variable/Renewable Integration	
2016	WECC	Cancelled - Load Growth	400-599			06-2016	Las Vegas NV	Las Vegas NV	0	OH	NEVP	I	Variable/Renewable Integration	
2016	WECC	Cancelled - Load Growth	200-299	810		06-2018	Las Vegas NV	Las Vegas NV	5	OH	NEVP	I	Economics/Congestion	
2016	WECC	Planned	100-120	415		12-2018	Reno NV	Reno NV	10	OH	NEVP	I	Economics/Congestion	
2016	WECC	Planned	100-120	529		12-2017	Reno NV	Reno NV	1	OH	NEVP	I	Reliability	
2016	WECC	Planned	400-599	525	4936	12-2015	Castle Rock, WA	Troutdale, OR	70	OH	BPA	F	Variable/Renewable Integri	Reliability
2016	WECC	Planned	100-120	115		12-2014	Caribu County, ID	Caribu County, ID	22	OH	BPA	F	Reliability	

2016	WECC	Cancelled - Economics	400-599	2200-3000	01-2014 Broadwater or Colstrip	Garrison- BPA Existing Line		NWMT	I	Variable/Renewable Integration
2016	WECC	Completed	200-299	337-383	07-2013 Mill Creek, MT	AMPS Substation, ID		NWMT	I	Economics/Congestion
2016	WECC	Completed	151-199	161 203.57	09-2016 Jackrabbit	Meadow Village	37	NWMT	I	Economics/Congestion
2016	WECC	Cancelled - Siting Challe	100-120	150	12-2012 New Bowdooin Sub	Pump Station No. 9	48	CMEPC	C	Reliability
2016	WECC	Planned	100-120	115 513	12-2017 Tacoma	Tacoma	1 OH	TPWR	M	Reliability
2016	WECC	Planned	400-599	3681.5	2018 Carbon County, WY	Mona, UT	400	PACE	I	Economics/Congestion
2016	WECC	Planned	300-399	1332	2014 South Jordan, UT	SLC,UT	28	PACE	I	Economics/Congestion
2016	WECC	Planned	200-299	888	2015 Windstar,WY	Carbon County, WY	76	PACE	I	Economics/Congestion
2016	WECC	Planned	400-599	3681.5	2015 Carbon County, WY	Rock Springs, WY	154	PACE	I	Economics/Congestion
2016	WECC	Planned	400-599	3681.5	2015 Rock Springs, WY	Downey, ID	203	PACE	I	Economics/Congestion
2016	WECC	Planned	300-399	1163	2019 Red Butte/Washington County, St. George, Utah	Hurricane, I	170	PACE	I	Economics/Congestion
2016	WECC	Planned	200-299	888	2014 Aeolus, WY	Dave Johnston substation,W	70	PACE	I	Economics/Congestion
2016	WECC	Under Construction	121-150	200	11-2017 Evanston, WY	Park City, UT	70	PACE	I	Reliability
2016	WECC	Planned	121-150	200	11-2017 Heber, UT	Midway, UT	10	PACE	I	Reliability
2016	WECC	Planned	200-299	400-599	12-2012 Wallula	McNary	29 OH	PACW	I	Economics/Congestion
2016	WECC	Planned	200-299	400-599	12-2012 Vantage	Pomona Heights	66 OH	PACW	I	Reliability
2016	WECC	Planned	200-299	400-599	12-2019 Sam's Valley Substation	Grants Pass	18 OH	PACW	I	Reliability
2016	WECC	Conceptual	200-299	230 565	06-2015 Walters Ferry, ID	SW of Kuna, ID	13 OH	IPC	I	Other
2016	WECC	Conceptual	400-599	500 3000	06-2013 Walters Ferry, ID	Boardman, OR	300 OH	IPC	I	Other
2016	WECC	Conceptual	300-399	345 1386	06-2015 American Falls, ID	Pocatello, ID	32 OH	IPC	I	Other
2016	WECC	Conceptual	300-399	345 2079	06-2015 Shoshone, ID	Pocatello, ID	-84 OH	IPC	I	Other
2016	WECC	Conceptual	300-399	345 1386	06-2015 Shoshone, ID	Pocatello, ID	-32 OH	IPC	I	Other
2016	WECC	Conceptual	400-599	500 3000	06-2015 Hollister, ID	Walters Ferry, ID	161 OH	IPC	I	Other
2016	WECC	Conceptual	400-599	500 3000	06-2015 Downey, ID	American Falls, ID	55 OH	IPC	I	Other
2016	WECC	Conceptual	400-599	500 3000	06-2015 Shoshone, ID	American Falls, ID	84 OH	IPC	I	Other
2016	WECC	Conceptual	400-599	500 3000	06-2015 Hollister, ID	Shoshone, ID	34 OH	IPC	I	Other
2016	WECC	Conceptual	400-599	500 3000	06-2015 Shoshone, ID	Walters Ferry, ID	126 OH	IPC	I	Other
2016	WECC	Conceptual	400-599	500 3000	Hollister, ID	Downey, ID	118 OH	IPC	I	Other
2016	WECC	Under Construction	121-150	138 287	06-2018 King, ID	Wood River, ID	59 OH	IPC	I	Reliability
2016	WECC	Under Construction	121-150	138 90	06-2018 King, ID	Wood River, ID	59 OH	IPC	I	Reliability
2016	WECC	Conceptual	121-150	138 200	06-2020 Wood River, ID	Ketchum, ID	10 OH	IPC	I	Reliability
2016	WECC	Conceptual	200-299	230 559	06-2018 SW of Kuna, ID	NE of Kuna, ID	16 OH	IPC	I	Other
2016	WECC	Planned	121-150	138 223	NW of Middleton, ID	E of Middleton, ID	5 OH	IPC	I	Reliability
2016	WECC	Planned	121-150	138 223	E of Middleton, ID	Star, ID	6 OH	IPC	I	Reliability
2016	WECC	Planned	200-299	733	11-2011 Sumner WA	Puyallup WA	8	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2011 Kirkland WA	Sammamish WA	5	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2012 Federal Way WA	Puyallup WA	6	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2013 Berrydale WA	Enumclaw WA	18	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2015 Puyallup WA	Lacey WA	15	PSE	I	Reliability
2016	WECC	Planned	100-120	TBD	11-2015 Lacey WA	Yelm WA	15	PSE	I	Reliability
2016	WECC	Planned	100-120	TBD	11-2015 Ferndale WA	Custer WA	8	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2015 Sumner WA	Auburn WA	3	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2015 Sumner WA	Auburn WA	2	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2016 Berrydale WA	Snoqualmie WA	10	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2016 Sumas WA	Everson WA	10	PSE	I	Reliability
2016	WECC	Planned	100-120	314	11-2016 Renton WA	Belleveue WA	7	PSE	I	Reliability
2016	WECC	Planned	100-120		11-2018 Manchester WA	Poulsbo WA	15	PSE	I	Reliability
2016	WECC	Planned	200-299		11-2015 Sammamish WA	Renton WA	16	PSE	I	Reliability
2016	WECC	Planned	100-120		11-2015 Kenmore WA	Kirkland WA	4	PSE	I	Reliability
2016	WECC	Planned	100-120		06-2002 San Mateo	Bay Meadows	5	PG&E	I	Reliability
2016	WECC	Planned	200-299	683	05-2010 Contra Costa Substation (Antio	Moraga Substation (Orinda,	54	PG&E	I	Reliability
2016	WECC	Planned	200-299		12-2015 Embarcadero	Potrero	3	PG&E	I	Reliability
2016	WECC	Planned	100-120		05-2011 Missouri Flat	Gold Hill	25	PG&E	I	Reliability
2016	WECC	Planned	200-299	1366	05-2009 Newark Substation (Fremont, C	Ravenswood Substation (Me	18	PG&E	I	Reliability
2016	WECC	Planned	200-299	683	05-2010 Pittsburg Substation (Pittsburg,	Telsa Substation (Livermore,	62	PG&E	I	Reliability
2016	WECC	Planned	200-299		05-2016 Rio Oso	Gold Hill	29	PG&E	I	Reliability
2016	WECC	Under Construction	121-150		Carlton Hills Tap	Sycamore Canyon		SDGE		Reliability
2016	WECC	Planned	121-150	138	06-2013 Los Coches	Los Coches		SDGE		Reliability
2016	WECC	Planned	121-150	138	Los Coches	Los Coches		SDGE		Reliability
2016	WECC	Planned	200-299		07-2017 Southern Orange County	Southern Orange County		SDGE		Reliability
2016	WECC	Planned	121-150	138	Talega	Talega		SDGE		Reliability
2016	WECC	Under Construction	200-299	478	12-2012 Rector CA	Springville CA	38	SCE	I	Reliability
2016	WECC	Under Construction	400-599	3950	06-2013 Tehachapi CA	Mira Loma CA	250	SCE	I	Variable/Renewable Integration
2016	WECC	Completed	200-299	220 988	06-2014 Barre CA	Ellis CA	13	SCE	I	Reliability
2016	WECC	Planned	121-150	138	06-2014 Sycamore	Chicarita	6 OH	SDGE		Reliability
2016	WECC	Planned	200-299	230	Bay Boulevard		OH	SDGE		Reliability
2016	WECC	Planned	200-299	230	12-2017 SONGMESA 230 kV substation			SDGE		Reliability
2016	WECC	Planned	200-299	230	06-2015 Talega			SDGE		Reliability
2016	WECC	Planned	400-599	500	06-2014 East County			SDGE		Variable/Renewable Integration
2016	WECC	Planned	121-150	138	Trabuco	Capistrano		SDGE	I	Reliability
2016	WECC	Conceptual	100-120	115	05-2019 McCall	Reedley	OH	PG&E	I	Reliability
2016	WECC	Conceptual	200-299	230	05-2019 Midway	Kern	OH	PG&E	I	Reliability
2016	WECC	Conceptual	400-599	500	Delaney	Colorado	OH	DCR Transmission		Economics/Congestion
2016	WECC	Under Construction	200-299	230 761	08-2013 Haskell Canyon	Castaic	12 OH	LADWP	M	Variable/Renewable Integration
2016	WECC	Completed	200-299	230 950	08-2013 Barren Ridge	Haskell Canyon	61 OH	LADWP	M	Variable/Renewable Integration
2016	WECC	Planned	200-299	230 950	08-2016 Barren Ridge	Haskell Canyon	61 OH	LADWP	M	Variable/Renewable Integration
2016	WECC	Under Construction	200-299	230 761	05-2016 Haskell Canyon	Olive	12 OH	LADWP	M	Variable/Renewable Integration
2016	WECC	Under Construction	200-299	230 739	05-2016 Haskell Canyon	Sylmar	13 OH	LADWP	M	Variable/Renewable Integration

2016 WECC	Under Construction	200-299	230	-	06-2012 Scattergood Generating Station	Olympic Receiving Station K	11 UG	LADWP	M	Reliability
2016 WECC	Completed	121-150	138	159	Harbor Generating Station	Wilmington Receiving Station	2 UG	LADWP	M	Reliability
2016 WECC	Planned	200-299	230	836	08-2015 Northridge Receiving Station	Tarzana Receiving Station U	4 OH	LADWP	M	Reliability
2016 WECC	Planned	200-299	230	650	Valley Receiving Station	Rinaldi	8 OH	LADWP	M	Reliability
2016 WECC	Completed	200-299	230	761	Haskell Canyon	Rinaldi	16 OH	LADWP	M	Reliability
2016 WECC	Under Construction	200-299	230	800	12-2016 Barren Ridge	Beacon	3 OH	LADWP	M	Variable/Renewable Integration
2016 WECC	Completed	200-299	230	800	Barren Ridge	Recurrent-Cinco	2 OH	LADWP	M	Variable/Renewable Integration
2016 WECC	Planned	200-299	230	761	Valley Receiving Station	Toluca	7 OH	LADWP	M	Reliability
2016 WECC	Completed	200-299	230		Beacon	Springbok 1 & 2	2 OH	LADWP	M	Variable/Renewable Integration
2016 WECC	Planned	200-299	230	796	Rinaldi	Tarzana Receiving Station U	10 OH	LADWP	M	Reliability
2016 WECC	Planned	100-120	115	739	Olive	Haskell Canyon	115 OH	LADWP	M	Reliability