APPENDIX A
DISIS-2018-001 AFS STUDY ASSUMPTIONS

Model Setup and Study Assumptions

AECI Study Guideline:	**Version 1, dated 3/23/2021**				**Include**
Project:	DISIS-2018-001 AFS				x
POI:	N/A				
Pgen MW:	N/A				
POI MW:	N/A				
ISD:	N/A				
Service:	NRIS				x
SS Series:	2022				x
SS Cases:	2024L				
	2024SP				
	2024WP				
	2024Z				
	2027L				x
	2027H				x
	2027SP				x
	2027WP				x
	2032SP				x
	2032WP				x
Topology Updates:					
8/4/2022	*- Change Dell generation to Area 330* *- Make Peach Bottom the swing bus* *- Updated default solution settings* *- Remove branch between Battlefield – JTEC* *- Add line from JTEC KAMO – JTEC using parameters provided by AECI* *- Remove circuit 0 between 2JC – AFTP TP2* *- Update WP rate B for Fred TN– Fredtown* *- Update WP rating for Zachary – Locust* *- Update WP rating for Fletcher 69/34.5 kV transformer* *- Remove transformer between Lee and Wever*				x
11/15/2022	*-Update SP/WP MVA ratings for St.Francis – St. Francis Bus 2* *-Update SP/WP MVA ratings for West New Madrid Transformer* *-Update SP/WP MVA ratings for Mexico – Salt River* *-Update SP/WP MVA ratings for Mexico – Santa Fe* *-Update Osceola topology in 27L season*				x
Base Upgrades (SS Only):					
J1488 + J1490	New J1145 - Montgomery 345 kV double circuit (2 and 3, Ameren facilities)				x
Local Gen:	N/A				
Local Subs:	N/A				
Outages:	AECI singles + ties	All			x
	AECI P1 events	All			x
	AECI P2.1 events	All			x
	AECI P2.2-3 EHV events	All			x
	AECI P2.2-3 HV events	All			
	AECI P3 events	Within 5 buses	Include P1 defn in primary con file		
	AECI P6 events	Within 3 buses	Include P1 defn in primary con file		
	Tier 1 singles/ties	All			x
	Tier 1 P1 events	2 buses			x
	Tier 1 P2.1 events	2 buses			x
	Tier 1 P2.2-3 events (EHV)	2 buses			x
Monitoring:	AECI facilities	P0-P1-P2			x
	All areas within 10 buses	P0-P1-P2	GI only		
	AECI facilities + ties within 10 buses	P3-P6			
	Tier 1				

Generation Assumptions

SPP																			SS
Study	GIR	Status	Type	Fuel Type	Study Region	Scale Region	POI	SP Pmax	WP Pmax	S	W	L	H	27S	27W	27L	27H	32S	32W	Include
DISIS-2016-002	GEN-2016-162	WITHDRAWN	-	Wind	SPP	SPP	-	252	252	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2016-002	GEN-2016-163	WITHDRAWN	-	Wind	SPP	SPP	-	252	252	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2016-002	GEN-2016-118	IA FULLY EXECUTED/COMMERCIAL OPERATION	-	Wind	SPP	SPP	-	288	288	0.2	0.2	0.6	0.6	57.6	57.6	172.8	172.8	57.6	57.6	X
DISIS-2016-002	GEN-2016-091	IA FULLY EXECUTED/COMMERCIAL OPERATION	-	Wind	SPP	SPP	-	303.6	303.6	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2016-002	GEN-2016-133	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	187.1	187.5	0.2	0.2	0.6	0.6	37.42	37.5	112.26	112.26	37.42	37.5	X
DISIS-2016-002	GEN-2016-134	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	187.5	187.5	0.2	0.2	0.6	0.6	37.5	37.5	112.5	112.5	37.5	37.5	X
DISIS-2016-002	GEN-2016-137	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	187.5	187.5	0.2	0.2	0.6	0.6	37.5	37.5	112.5	112.5	37.5	37.5	X
DISIS-2016-002	GEN-2016-138	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	187.5	187.5	0.2	0.2	0.6	0.6	37.5	37.5	112.5	112.5	37.5	37.5	X
DISIS-2016-002	GEN-2016-141	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	350	350	0.2	0.2	0.6	0.6	70	70	210	210	70	70	X
DISIS-2016-002	GEN-2016-142	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	350	350	0.2	0.2	0.6	0.6	70	70	210	210	70	70	X
DISIS-2016-002	GEN-2016-143	WITHDRAWN	-	Wind	SPP	SPP	-	175	175	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2016-002	GEN-2016-144	WITHDRAWN	-	Wind	SPP	SPP	-	175	175	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2016-002	GEN-2016-145	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	175	175	0.2	0.2	0.6	0.6	35	35	105	105	35	35	X
DISIS-2016-002	GEN-2016-146	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	175	175	0.2	0.2	0.6	0.6	35	35	105	105	35	35	X
DISIS-2016-002	GEN-2016-100	WITHDRAWN	-	Wind	SPP	SPP	-	100	100	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2016-002	GEN-2016-101	WITHDRAWN	-	Wind	SPP	SPP	-	195	195	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2016-002	GEN-2016-119	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	600	600	0.2	0.2	0.6	0.6	120	120	360	360	120	120	X
DISIS-2016-002	GEN-2016-149	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	302	302	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2016-002	GEN-2016-150	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	302	302	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2016-002	GEN-2016-174	IA FULLY EXECUTED/COMMERCIAL OPERATION	-	Wind	SPP	SPP	-	302	302	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2016-002	GEN-2016-176	IA FULLY EXECUTED/COMMERCIAL OPERATION	-	Wind	SPP	SPP	-	302	302	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2016-002	GEN-2016-157	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	252	252	0.2	0.2	0.6	0.6	50.4	50.4	151.2	151.2	50.4	50.4	X
DISIS-2016-002	GEN-2016-158	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	252	252	0.2	0.2	0.6	0.6	50.4	50.4	151.2	151.2	50.4	50.4	X
DISIS-2016-002	GEN-2016-128	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	176	176	0.2	0.2	0.6	0.6	35.2	35.2	105.6	105.6	35.2	35.2	X
DISIS-2017-001	GEN-2017-090	WITHDRAWN	-	Solar	SPP	SPP	-	150	150	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-009	IA FULLY EXECUTED/COMMERCIAL OPERATION	-	Wind	SPP	SPP	-	302	302	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2017-001	GEN-2017-061	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	101.5	101.5	0.4	0.1	0	0	40.6	10.15	0	0	40.6	10.15	X
DISIS-2017-001	GEN-2017-005	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	190	190	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2017-001	GEN-2017-030	WITHDRAWN	-	Wind	SPP	SPP	-	200	200	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-060	IA FULLY EXECUTED/COMMERCIAL OPERATION	-	Wind	SPP	SPP	-	149.4	149.4	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2017-001	GEN-2017-073	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	72.5	72.5	0.4	0.1	0	0	29	7.25	0	0	29	7.25	X
DISIS-2017-001	GEN-2017-022	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	65	65	0.4	0.1	0	0	26	6.5	0	0	26	6.5	X
DISIS-2017-001	GEN-2017-008	WITHDRAWN	-	Solar	SPP	SPP	-	305	305	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-055	WITHDRAWN	-	Solar	SPP	SPP	-	228.25	228.25	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-076	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	52.2	52.2	0.4	0.1	0	0	20.88	5.22	0	0	20.88	5.22	X
DISIS-2017-001	GEN-2017-074	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	72.5	72.5	0.4	0.1	0	0	29	7.25	0	0	29	7.25	X
DISIS-2017-001	GEN-2017-082	IA FULLY EXECUTED/COMMERCIAL OPERATION	-	Wind	SPP	SPP	-	149.4	149.4	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DISIS-2017-001	GEN-2017-092	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	200	200	0.4	0.1	0	0	80	20	0	0	80	20	X
DISIS-2017-001	GEN-2017-077	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	124.7	124.7	0.4	0.1	0	0	49.88	12.47	0	0	49.88	12.47	X
DISIS-2017-001	GEN-2017-086	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	150	150	0.2	0.2	0.6	0.6	30	30	90	90	30	30	X
DISIS-2017-001	GEN-2017-018	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	189	189	0.4	0.1	0	0	75.6	18.9	0	0	75.6	18.9	X
DISIS-2017-001	GEN-2017-040	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	200.1	200.1	0.4	0.1	0	0	80.04	20.01	0	0	80.04	20.01	X
DISIS-2017-001	GEN-2017-071	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	124.7	124.7	0.4	0.1	0	0	49.88	12.47	0	0	49.88	12.47	X
DISIS-2017-001	GEN-2017-072	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	52.2	52.2	0.4	0.1	0	0	20.88	5.22	0	0	20.88	5.22	X
DISIS-2017-001	GEN-2017-075	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	200	200	0.4	0.1	0	0	80	20	0	0	80	20	X
DISIS-2017-001	GEN-2016-037	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	300	300	0.2	0.2	0.6	0.6	60	60	180	180	60	60	X
DISIS-2017-001	GEN-2016-159	WITHDRAWN	-	Wind	SPP	SPP	-	427.8	427.8	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-004	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	201.6	201.6	0.2	0.2	0.6	0.6	40.32	40.32	120.96	120.96	40.32	40.32	X
DISIS-2017-001	GEN-2017-094	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	200	200	0.2	0.2	0.6	0.6	40	40	120	120	40	40	X
DISIS-2017-001	GEN-2016-103	WITHDRAWN	-	Wind	SPP	SPP	-	240	240	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-027	IA FULLY EXECUTED/COMMERCIAL OPERATION	-	Wind	SPP	SPP	-	140	140	0.2	0.2	0.6	0.6	28	28	84	84	28	28	X
DISIS-2017-001	GEN-2017-065	WITHDRAWN	-	Solar	SPP	SPP	-	200.25	200.25	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-014	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	300	300	0.2	0.2	0.6	0.6	60	60	180	180	60	60	X
DISIS-2017-001	GEN-2017-026	WITHDRAWN	-	Wind	SPP	SPP	-	235	235	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-033	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	200	200	0.2	0.2	0.6	0.6	40	40	120	120	40	40	X
DISIS-2017-001	GEN-2017-080	WITHDRAWN	-	Solar	SPP	SPP	-	525	525	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-039	WITHDRAWN	-	Wind	SPP	SPP	-	200.1	200.1	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-064	WITHDRAWN	-	Solar	SPP	SPP	-	110	110	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-078	WITHDRAWN	-	Wind	SPP	SPP	-	220	220	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-097	IA FULLY EXECUTED/ON SCHEDULE	-	Solar	SPP	SPP	-	128	128	0.4	0.1	0	0	51.2	12.8	0	0	51.2	12.8	X
DISIS-2017-001	GEN-2017-104	WITHDRAWN	-	Solar	SPP	SPP	-	240	240	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-001	GEN-2016-172	WITHDRAWN	-	Wind	SPP	SPP	-	231	231	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-007	WITHDRAWN	-	Wind	SPP	SPP	-	297.5	297.5	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-001	GEN-2017-048	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	300	300	0.2	0.2	0.6	0.6	60	60	180	180	60	60	X
DISIS-2017-001	GEN-2017-010	IA FULLY EXECUTED/ON SCHEDULE	-	Wind	SPP	SPP	-	200.1	200.1	0.2	0.2	0.6	0.6	40.02	40.02	120.06	120.06	40.02	40.02	X
DISIS-2017-002	GEN-2017-108	DISIS STAGE	-	Solar	SPP	SPP	-	400	400	0.4	0.1	0	0	160	40	0	0	160	40	X
DISIS-2017-002	GEN-2017-111	DISIS STAGE	-	Solar	SPP	SPP	-	152	152	0.4	0.1	0	0	60.8	15.2	0	0	60.8	15.2	X
DISIS-2017-002	GEN-2017-112	WITHDRAWN	-	Wind	SPP	SPP	-	200	200	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-114	WITHDRAWN	-	Wind	SPP	SPP	-	450	450	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-115	DISIS STAGE	-	Wind	SPP	SPP	-	244	244	0.2	0.2	0.6	0.6	48.8	48.8	146.4	146.4	48.8	48.8	X
DISIS-2017-002	GEN-2017-116	WITHDRAWN	-	Solar	SPP	SPP	-	192.5	192.5	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-119	DISIS STAGE	-	Wind	SPP	SPP	-	180	180	0.2	0.2	0.6	0.6	36	36	108	108	36	36	X
DISIS-2017-002	GEN-2017-120	DISIS STAGE	-	Wind	SPP	SPP	-	260	260	0.2	0.2	0.6	0.6	52	52	156	156	52	52	X
DISIS-2017-002	GEN-2017-121	DISIS STAGE	-	Wind	SPP	SPP	-	200	200	0.2	0.2	0.6	0.6	40	40	120	120	40	40	X
DISIS-2017-002	GEN-2017-123	WITHDRAWN	-	Wind	SPP	SPP	-	180	180	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-125	DISIS STAGE	-	Wind	SPP	SPP	-	252	252	0.2	0.2	0.6	0.6	50.4	50.4	151.2	151.2	50.4	50.4	X
DISIS-2017-002	GEN-2017-128	DISIS STAGE	-	Wind	SPP	SPP	-	202	202	0.2	0.2	0.6	0.6	40.4	40.4	121.2	121.2	40.4	40.4	X
DISIS-2017-002	GEN-2017-132	DISIS STAGE	-	Wind	SPP	SPP	-	400	400	0.2	0.2	0.6	0.6	80	80	240	240	80	80	X
DISIS-2017-002	GEN-2017-133	DISIS STAGE	-	Wind	SPP	SPP	-	200	200	0.2	0.2	0.6	0.6	40	40	120	120	40	40	X
DISIS-2017-002	GEN-2017-134	DISIS STAGE	-	Wind	SPP	SPP	-	250	250	0.2	0.2	0.6	0.6	50	50	150	150	50	50	X
DISIS-2017-002	GEN-2017-137	DISIS STAGE	-	Wind	SPP	SPP	-	295	295	0.2	0.2	0.6	0.6	59	59	177	177	59	59	X
DISIS-2017-002	GEN-2017-140	DISIS STAGE	-	Solar	SPP	SPP	-	160	160	0.4	0.1	0	0	64	16	0	0	64	16	X
DISIS-2017-002	GEN-2017-141	DISIS STAGE	-	Solar	SPP	SPP	-	241.7	241.7	0.4	0.1	0	0	96.68	24.17	0	0	96.68	24.17	X
DISIS-2017-002	GEN-2017-142	WITHDRAWN	-	Wind	SPP	SPP	-	170	170	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-144	IA PENDING	-	Wind	SPP	SPP	-	200	200	0.2	0.2	0.6	0.6	40	40	120	120	40	40	X
DISIS-2017-002	GEN-2017-146	DISIS STAGE	-	Wind	SPP	SPP	-	151.8	151.8	0.2	0.2	0.6	0.6	30.36	30.36	91.08	91.08	30.36	30.36	X
DISIS-2017-002	GEN-2017-147	WITHDRAWN	-	Wind	SPP	SPP	-	252	252	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-148	IA PENDING	-	Wind	SPP	SPP	-	202	202	0.2	0.2	0.6	0.6	40.4	40.4	121.2	121.2	40.4	40.4	X
DISIS-2017-002	GEN-2017-149	DISIS STAGE	-	Wind	SPP	SPP	-	258	258	0.2	0.2	0.6	0.6	51.6	51.6	154.8	154.8	51.6	51.6	X
DISIS-2017-002	GEN-2017-233	DISIS STAGE	-	Wind	SPP	SPP	-	215	215	0.2	0.2	0.6	0.6	43	43	129	129	43	43	X
DISIS-2017-002	GEN-2017-150	DISIS STAGE	-	Solar	SPP	SPP	-	250	250	0.4	0.1	0	0	100	25	0	0	100	25	X
DISIS-2017-002	GEN-2017-151	DISIS STAGE	-	Wind	SPP	SPP	-	300	300	0.2	0.2	0.6	0.6	60	60	180	180	60	60	X
DISIS-2017-002	GEN-2017-152	DISIS STAGE	-	Wind	SPP	SPP	-	252	252	0.2	0.2	0.6	0.6	50.4	50.4	151.2	151.2	50.4	50.4	X
DISIS-2017-002	GEN-2017-153	WITHDRAWN	-	Wind	SPP	SPP	-	253	253	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-154	DISIS STAGE	-	Wind	SPP	SPP	-	255	255	0.2	0.2	0.6	0.6	51	51	153	153	51	51	X
DISIS-2017-002	GEN-2017-155	DISIS STAGE	-	Wind	SPP	SPP	-	300	300	0.2	0.2	0.6	0.6	60	60	180	180	60	60	X
DISIS-2017-002	GEN-2017-156	WITHDRAWN	-	Wind	SPP	SPP	-	234	234	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-157	WITHDRAWN	-	Wind	SPP	SPP	-	202	202	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-158	DISIS STAGE	-	Wind	SPP	SPP	-	265	265	0.2	0.2	0.6	0.6	53	53	159	159	53	53	X
DISIS-2017-002	GEN-2017-164	DISIS STAGE	-	Solar	SPP	SPP	-	250	250	0.4	0.1	0	0	100	25	0	0	100	25	X
DISIS-2017-002	GEN-2017-166	DISIS STAGE	-	Solar	SPP	SPP	-	250	250	0.4	0.1	0	0	100	25	0	0	100	25	X
DISIS-2017-002	GEN-2017-168	DISIS STAGE	-	Solar	SPP	SPP	-	250	250	0.4	0.1	0	0	100	25	0	0	100	25	X
DISIS-2017-002	GEN-2017-171	DISIS STAGE	-	Solar	SPP	SPP	-	150	150	0.4	0.1	0	0	60	15	0	0	60	15	X
DISIS-2017-002	GEN-2017-175	DISIS STAGE	-	Wind	SPP	SPP	-	300	300	0.2	0.2	0.6	0.6	60	60	180	180	60	60	X
DISIS-2017-002	GEN-2017-176	WITHDRAWN	-	Wind	SPP	SPP	-	300	300	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-179	DISIS STAGE	-	Wind	SPP	SPP	-	222	222	0.2	0.2	0.6	0.6	44.4	44.4	133.2	133.2	44.4	44.4	X
DISIS-2017-002	GEN-2017-181	IA PENDING	-	Wind	SPP	SPP	-	300	300	0.2	0.2	0.6	0.6	60	60	180	180	60	60	X
DISIS-2017-002	GEN-2017-182	IA PENDING	-	Wind	SPP	SPP	-	128	128	0.2	0.2	0.6	0.6	25.6	25.6	76.8	76.8	25.6	25.6	X
DISIS-2017-002	GEN-2017-183	DISIS STAGE	-	Wind	SPP	SPP	-	400	400	0.2	0.2	0.6	0.6	80	80	240	240	80	80	X
DISIS-2017-002	GEN-2017-184	DISIS STAGE	-	Solar	SPP	SPP	-	400	400	0.4	0.1	0	0	160	40	0	0	160	40	X
DISIS-2017-002	GEN-2017-185	WITHDRAWN	-	Wind	SPP	SPP	-	200	200	0.2	0.2	0.6	0.6	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-186	WITHDRAWN	-	Solar	SPP	SPP	-	100	100	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-187	DISIS STAGE	-	Solar	SPP	SPP	-	150	150	0.4	0.1	0	0	60	15	0	0	60	15	X
DISIS-2017-002	GEN-2017-188	IA PENDING	-	Solar	SPP	SPP	-	130	130	0.4	0.1	0	0	52	13	0	0	52	13	X
DISIS-2017-002	GEN-2017-191	DISIS STAGE	-	Solar	SPP	SPP	-	201.6	201.6	0.4	0.1	0	0	80.64	20.16	0	0	80.64	20.16	X
DISIS-2017-002	GEN-2017-193	WITHDRAWN	-	Solar	SPP	SPP	-	201.6	201.6	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-195	DISIS STAGE	-	Solar	SPP	SPP	-	500.4	500.4	0.4	0.1	0	0	200.16	50.04	0	0	200.16	50.04	X
DISIS-2017-002	GEN-2017-196	DISIS STAGE	-	Battery Storage	SPP	SPP	-	128	128	1	1	0	0	128	128	0	0	128	128	X
DISIS-2017-002	GEN-2017-199	DISIS STAGE	-	Battery Storage	SPP	SPP	-	202	202	1	1	0	0	202	202	0	0	202	202	X
DISIS-2017-002	GEN-2017-200	DISIS STAGE	-	Wind	SPP	SPP	-	302	302	0.2	0.2	0.6	0.6	60.4	60.4	181.2	181.2	60.4	60.4	X
DISIS-2017-002	GEN-2017-201	IA PENDING	-	Wind	SPP	SPP	-	250	250	0.2	0.2	0.6	0.6	50	50	150	150	50	50	X
DISIS-2017-002	GEN-2017-202	IA PENDING	-	Solar	SPP	SPP	-	200	200	0.4	0.1	0	0	80	20	0	0	80	20	X
DISIS-2017-002	GEN-2017-203	DISIS STAGE	-	Solar	SPP	SPP	-	210	210	0.4	0.1	0	0	84	21	0	0	84	21	X
DISIS-2017-002	GEN-2017-209	DISIS STAGE	-	Solar	SPP	SPP	-	300	300	0.4	0.1	0	0	120	30	0	0	120	30	X
DISIS-2017-002	GEN-2017-210	IA PENDING	-	Solar	SPP	SPP	-	310	310	0.4	0.1	0	0	124	31	0	0	124	31	X
DISIS-2017-002	GEN-2017-213	DISIS STAGE	-	Solar	SPP	SPP	-	300	300	0.4	0.1	0	0	120	30	0	0	120	30	X
DISIS-2017-002	GEN-2017-217	WITHDRAWN	-	Solar	SPP	SPP	-	300	300	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-218	WITHDRAWN	-	Solar	SPP	SPP	-	600	600	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-220	DISIS STAGE	-	Solar	SPP	SPP	-	201.6	201.6	0.4	0.1	0	0	80.64	20.16	0	0	80.64	20.16	X
DISIS-2017-002	GEN-2017-221	DISIS STAGE	-	Battery Storage	SPP	SPP	-	152	152	1	1	0	0	152	152	0	0	152	152	X
DISIS-2017-002	GEN-2017-222	IA PENDING	-	Wind	SPP	SPP	-	180	180	0.2	0.2	0.6	0.6	36	36	108	108	36	36	X
DISIS-2017-002	GEN-2017-224	WITHDRAWN	-	Solar	SPP	SPP	-	302.4	302.4	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-226	DISIS STAGE	-	Solar	SPP	SPP	-	201.6	201.6	0.4	0.1	0	0	80.64	20.16	0	0	80.64	20.16	X
DISIS-2017-002	GEN-2017-227	DISIS STAGE	-	Battery Storage	SPP	SPP	-	201.6	201.6	1	1	0	0	201.6	201.6	0	0	201.6	201.6	X
DISIS-2017-002	GEN-2017-228	WITHDRAWN	-	Solar	SPP	SPP	-	302.4	302.4	0.4	0.1	0	0	0	0	0	0	0	0	
DISIS-2017-002	GEN-2017-229	DISIS STAGE	-	Battery Storage	SPP	SPP	-	76	76	1	1	0	0	76	76	0	0	76	76	X
DISIS-2017-002	GEN-2017-231	FACILITY STUDY STAGE	-	Solar	SPP	SPP	-	72.5	72.5	0.4	0.1	0	0	29	7.25	0	0	29	7.25	X
DISIS-2017-002	GEN-2017-234	IA PENDING	-	Wind	SPP	SPP	-	115	115	0.2	0.2	0.6	0.6	23	23	69	69	23	23	X
DISIS-2017-002	GEN-2017-239	DISIS STAGE	-	Solar	SPP	SPP	-	300	300	0.4	0.1	0	0	120	30	0	0	120	30	X
DISIS-2017-002	GEN-2017-240	FACILITY STUDY STAGE	-	Solar	SPP	SPP	-	202	202	0.4	0.1	0	0	80.8	20.2	0	0	80.8	20.2	X

Generation Assumptions

SPP — SS

Study	GIR	Status	Type	Fuel Type	Study Region	Scale Region	POI	SP Pmax	WP Pmax	S	W	L	H	27S	27W	27L	27H	32S	32W	Include
DISIS-2018-001	GEN-2018-008	DISIS STAGE	-	Wind	SPP	SPP	-	252	252	1	1	1	1	252	252	252	252	252	252	Study
DISIS-2018-001	GEN-2018-015	DISIS STAGE	-	Solar	SPP	SPP	-	252	252	1	1	0	1	252	252	0	252	252	252	Study
DISIS-2018-001	GEN-2018-022	DISIS STAGE	-	Solar	SPP	SPP	-	300	300	1	1	0	1	300	300	0	300	300	300	Study
DISIS-2018-001	GEN-2018-025	DISIS STAGE	-	Battery Storage	SPP	SPP	-	200	200	1	1	0	1	200	200	0	200	200	200	Study
DISIS-2018-001	GEN-2018-026	DISIS STAGE	-	Battery Storage	SPP	SPP	-	100	100	1	1	0	1	100	100	0	100	100	100	Study
DISIS-2018-001	GEN-2018-027	DISIS STAGE	-	Battery Storage	SPP	SPP	-	100	100	1	1	0	1	100	100	0	100	100	100	Study
DISIS-2018-001	GEN-2018-028	DISIS STAGE	-	Battery Storage	SPP	SPP	-	200	200	1	1	0	1	200	200	0	200	200	200	Study
DISIS-2018-001	GEN-2018-029	DISIS STAGE	-	Battery Storage	SPP	SPP	-	100	100	1	1	0	1	100	100	0	100	100	100	Study
DISIS-2018-001	GEN-2018-031	DISIS STAGE	-	Battery Storage	SPP	SPP	-	50	50	1	1	0	1	50	50	0	50	50	50	Study
DISIS-2018-001	GEN-2018-032	DISIS STAGE	-	Wind	SPP	SPP	-	310	310	1	1	1	1	310	310	310	310	310	310	Study
DISIS-2018-001	GEN-2018-033	DISIS STAGE	-	Battery Storage	SPP	SPP	-	200	200	1	1	0	1	200	200	0	200	200	200	Study
DISIS-2018-001	GEN-2018-037	DISIS STAGE	-	Battery Storage	SPP	SPP	-	100	100	1	1	0	1	100	100	0	100	100	100	Study
DISIS-2018-001	GEN-2018-043	DISIS STAGE	-	Solar	SPP	SPP	-	500	500	1	1	0	1	500	500	0	500	500	500	Study
DISIS-2018-001	GEN-2018-044**	DISIS STAGE	-	Solar	SPP	SPP	-	500	500	1	1	0	1	500	500	0	500	500	500	Study
DISIS-2018-001	GEN-2018-048	DISIS STAGE	-	Solar	SPP	SPP	-	300	300	1	1	0	1	300	300	0	300	300	300	Study
DISIS-2018-001	GEN-2018-050	DISIS STAGE	-	Solar	SPP	SPP	-	200	200	1	1	0	1	200	200	0	200	200	200	Study
DISIS-2018-001	GEN-2018-054	DISIS STAGE	-	Solar	SPP	SPP	-	120	120	1	1	0	1	120	120	0	120	120	120	Study
DISIS-2018-001	GEN-2018-055	DISIS STAGE	-	Solar	SPP	SPP	-	252	252	1	1	0	1	252	252	0	252	252	252	Study
DISIS-2018-001	GEN-2018-057	DISIS STAGE	-	Solar	SPP	SPP	-	203.4	203.4	1	1	0	1	203.4	203.4	0	203.4	203.4	203.4	Study
DISIS-2018-001	GEN-2018-058**	DISIS STAGE	-	Solar	SPP	SPP	-	252	252	1	1	0	1	252	252	0	252	252	252	Study
DISIS-2018-001	GEN-2018-059**	DISIS STAGE	-	Solar	SPP	SPP	-	252	252	1	1	0	1	252	252	0	252	252	252	Study
DISIS-2018-001	GEN-2018-062	DISIS STAGE	-	Solar	SPP	SPP	-	75.6	75.6	1	1	0	1	75.6	75.6	0	75.6	75.6	75.6	Study
DISIS-2018-001	ASGI-2018-03	DISIS STAGE	-	Solar	SPP	SPP	-	20	20	1	1	0	1	20	20	0	20	20	20	Study
DISIS-2018-001	ASGI-2018-06	DISIS STAGE	-	Solar	SPP	SPP	-	20	20	1	1	0	1	20	20	0	20	20	20	Study
DISIS-2018-001	ASGI-2018-07	DISIS STAGE	-	Solar	SPP	SPP	-	20	20	1	1	0	1	20	20	0	20	20	20	Study

MISO — SS

Study	GIR	Status	Type	Fuel Type	Study Region	Scale Region	POI	SP Pmax	WP Pmax	S	W	L	H	27S	27W	27L	27H	32S	32W	Include
DPP-2016-AUG	J541	Done	-	Wind	Central	North	-	400	400	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DPP-2016-AUG	J611	Done	-	Wind	West	North	-	110	110	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DPP-2017-AUG	J817	Done	-	Solar	Central	North	-	139	139	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DPP-2017-AUG	J944	Done	-	Solar	South	South	-	200	200	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DPP-2018-APR	J994	Done	-	Solar	Central	North	-	100	100	1	1	0	0	100	100	0	0	100	100	X
DPP-2018-APR	J1107	Done	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2018-APR	J1026	Done	-	Wind	Central	North	-	380	380	0.156	0.156	1	1	59.28	59.28	380	380	59.28	59.28	X
DPP-2018-APR	J1145	Done	-	Solar	Central	North	-	250	250	1	1	0	0	250	250	0	0	250	250	X
DPP-2018-APR	J1087	Done	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2018-APR	J1039	Withdrawn	-	Battery Storage	Central	North	-	50	50	1	1	1	1	0	0	0	0	0	0	
DPP-2018-APR	J976	Done	-	Solar	Central	North	-	300	300	1	1	0	0	300	300	0	0	300	300	X
DPP-2018-APR	J987	Done	-	Solar	Central	North	-	100	100	1	1	0	0	100	100	0	0	100	100	X
DPP-2018-APR	J956	Done	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2018-APR	J1033	Withdrawn	-	Battery Storage	Central	North	-	50	50	1	1	1	1	0	0	0	0	0	0	
DPP-2018-APR	J1034	Done	-	Solar	Central	North	-	225	225	1	1	0	0	225	225	0	0	225	225	X
DPP-2018-APR	J1025	Done	-	Wind	Central	North	-	290	290	0.156	0.156	1	1	45.24	45.24	290	290	45.24	45.24	X
DPP-2018-APR	J1182	Done	-	Solar	Central	North	-	250	250	1	1	0	0	250	250	0	0	250	250	X
DPP-2018-APR	J1007	Done	-	Solar	South	South	-	180	180	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DPP-2018-APR	J1060	Done	-	Solar	South	South	-	450	450	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DPP-2018-APR	J1125	Done	-	Solar	South	South	-	135	135	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DPP-2018-APR	J1155	Done	-	Solar	South	South	-	150	150	NC	NC	NC	NC	-	-	-	-	-	-	Existing
DPP-2018-APR	J1132	Active	-	Solar	West	North	-	50	50	1	1	0	0	50	50	0	0	50	50	X
DPP-2018-APR	J1135	Done	-	Solar	West	North	-	50	50	1	1	0	0	50	50	0	0	50	50	X
DPP-2018-APR	J1024	Withdrawn	-	Wind	West	North	-	200	200	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2018-APR	J1187	Withdrawn	-	Wind	West	North	-	151.8	151.8	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2018-APR	J981	Withdrawn	-	Wind	West	North	-	200	200	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2018-APR	J1040	Done	-	Wind	West	North	-	250	250	0.156	0.156	1	1	39	39	250	250	39	39	X
DPP-2019-Cycle	J1216	Active	-	Solar	Central	North	-	185	185	1	1	0	0	185	185	0	0	185	185	X
DPP-2019-Cycle	J1250	Withdrawn	-	Battery Storage	South	South	-	35	35	1	1	1	1	0	0	0	0	0	0	
DPP-2019-Cycle	J1330	Withdrawn	-	Solar	Central	North	-	200	200	1	1	0	0	0	0	0	0	0	0	
DPP-2019-Cycle	J1376	Withdrawn	-	Wind	Central	North	-	100	100	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2019-Cycle	J1191	Active	-	Solar	Central	North	-	64	64	1	1	0	0	64	64	0	0	64	64	X
DPP-2019-Cycle	J1354	Active	-	Battery Storage	Central	North	-	118	118	1	1	1	1	118	118	118	118	118	118	X
DPP-2019-Cycle	J1414	Withdrawn	-	Solar	South	South	-	150	150	1	1	0	0	0	0	0	0	0	0	
DPP-2019-Cycle	J1453	Active	-	Wind	Central	North	-	165	165	0.156	0.156	1	1	25.74	25.74	165	165	25.74	25.74	X
DPP-2019-Cycle	J1383	Active	-	Solar	Central	North	-	150	150	1	1	0	0	150	150	0	0	150	150	X
DPP-2019-Cycle	J1488	Active	-	HVDC	Central	North	-	500	500	1	1	1	1	500	500	500	500	500	500	X
DPP-2019-Cycle	J1490	Active	-	HVDC	Central	North	-	1000	1000	1	1	1	1	1000	1000	1000	1000	1000	1000	X
DPP-2019-Cycle	J1464	Done	-	Solar	Central	North	-	593	593	1	1	0	0	593	593	0	0	593	593	X
DPP-2019-Cycle	J1299	Active	-	Solar	Central	North	-	149	149	1	1	0	0	149	149	0	0	149	149	X
DPP-2019-Cycle	J1306	Active	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2019-Cycle	J1268	Active	-	Solar	Central	North	-	150	150	1	1	0	0	150	150	0	0	150	150	X
DPP-2019-Cycle	J1338	Withdrawn	-	Wind	Central	North	-	150	150	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2019-Cycle	J1363	Withdrawn	-	Solar	Central	North	-	150	150	1	1	0	0	0	0	0	0	0	0	
DPP-2019-Cycle	J1352	Active	-	Solar	Central	North	-	100	100	1	1	0	0	100	100	0	0	100	100	X
DPP-2019-Cycle	J1222	Withdrawn	-	Solar	Central	North	-	200	200	1	1	0	0	0	0	0	0	0	0	
DPP-2019-Cycle	J1213	Active	-	Hydro	Central	North	-	60	60	1	1	1	1	60	60	60	60	60	60	X
DPP-2019-Cycle	J1289	Active	-	Wind	Central	North	-	200	200	0.156	0.156	1	1	31.2	31.2	200	200	31.2	31.2	X
DPP-2019-Cycle	J1408	Active	-	Hybrid	Central	North	-	100	100	1	1	1	1	100	100	100	100	100	100	X
DPP-2019-Cycle	J1241	Active	-	Solar	Central	North	-	165	165	1	1	0	0	165	165	0	0	165	165	X
DPP-2019-Cycle	J1437	Done	-	Wind	South	South	-	180	180	0.156	0.156	1	1	28.08	28.08	180	180	28.08	28.08	X
DPP-2019-Cycle	J1479	Withdrawn	-	Battery Storage	West	North	-	100	100	1	1	1	1	0	0	0	0	0	0	
DPP-2019-Cycle	J1456	Withdrawn	-	Wind	West	North	-	300	300	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2019-Cycle	J1478	Withdrawn	-	Battery Storage	West	North	-	25	25	1	1	1	1	0	0	0	0	0	0	
DPP-2019-Cycle	J1471	Withdrawn	-	Solar	West	North	-	200	200	1	1	0	0	0	0	0	0	0	0	
DPP-2019-Cycle	J1315	Withdrawn	-	Wind	West	North	-	600	600	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2019-Cycle	J1218	Withdrawn	-	Solar	West	North	-	200	200	1	1	0	0	0	0	0	0	0	0	
DPP-2019-Cycle	J1229	Withdrawn	-	Hydro	West	North	-	50	50	1	1	1	1	0	0	0	0	0	0	
DPP-2020-Cycle	Sabine	Existing	-	Gas	South	South	-	1610	1610	1	1	1	1	1610	1610	1610	1610	1610	1610	X
DPP-2020-Cycle	J1585	Active	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1681	Active	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1734	Active	-	Solar	West	North	-	150	150	1	1	0	0	150	150	0	0	150	150	X
DPP-2020-Cycle	J1519	Active	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1533	Withdrawn	-	Solar	West	North	-	200	200	1	1	0	0	0	0	0	0	0	0	
DPP-2020-Cycle	J1836	Active	-	Solar	Central	North	-	300	300	1	1	0	0	300	300	0	0	300	300	X
DPP-2020-Cycle	J1514	Active	-	Solar	South	South	-	100	100	1	1	0	0	100	100	0	0	100	100	X
DPP-2020-Cycle	J1811	Withdrawn	-	Solar	South	South	-	150	150	1	1	0	0	0	0	0	0	0	0	
DPP-2020-Cycle	J1830	Active	-	Hybrid	Central	North	-	200	200	1	1	1	1	200	200	200	200	200	200	X
DPP-2020-Cycle	J1670	Active	-	Solar	South	South	-	50	50	1	1	0	0	50	50	0	0	50	50	X
DPP-2020-Cycle	J1530	Active	-	Solar	West	North	-	50	50	1	1	0	0	50	50	0	0	50	50	X
DPP-2020-Cycle	J1532	Active	-	Solar	West	North	-	50	50	1	1	0	0	50	50	0	0	50	50	X
DPP-2020-Cycle	J1701	Active	-	Wind	Central	North	-	200	200	0.156	0.156	1	1	31.2	31.2	200	200	31.2	31.2	X
DPP-2020-Cycle	J1710	Active	-	Solar	South	South	-	300	300	1	1	0	0	300	300	0	0	300	300	X
DPP-2020-Cycle	J1813	Done	-	Gas	South	TVA	-	**205**	**205**	1	1	1	1	205	205	205	205	205	205	X
DPP-2020-Cycle	J1592	Withdrawn	-	Solar	South	South	-	200	200	1	1	0	0	0	0	0	0	0	0	
DPP-2020-Cycle	J1816	Active	-	Solar	South	South	-	135	135	1	1	0	0	135	135	0	0	135	135	X
DPP-2020-Cycle	J1558	Active	-	Solar	South	South	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1581	Active	-	Solar	West	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1620	Active	-	Solar	West	North	-	125	125	1	1	0	0	125	125	0	0	125	125	X
DPP-2020-Cycle	J1632	Active	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1842	Active	-	Wind	South	South	-	135	135	0.156	0.156	1	1	21.06	21.06	135	135	21.06	21.06	X
DPP-2020-Cycle	J1559	Active	-	Solar	South	South	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1504	Active	-	Solar	West	North	-	150	150	1	1	0	0	150	150	0	0	150	150	X
DPP-2020-Cycle	J1579	Active	-	Solar	Central	North	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1773	Active	-	Wind	West	North	-	300	300	0.156	0.156	1	1	46.8	46.8	300	300	46.8	46.8	X
DPP-2020-Cycle	J1781	Active	-	Wind	West	North	-	300	300	0.156	0.156	1	1	46.8	46.8	300	300	46.8	46.8	X
DPP-2020-Cycle	J1503	Active	-	Solar	West	North	-	150	150	1	1	0	0	150	150	0	0	150	150	X
DPP-2020-Cycle	J1676	Active	-	Wind	Central	North	-	300	300	0.156	0.156	1	1	46.8	46.8	300	300	46.8	46.8	X
DPP-2020-Cycle	J1839	Active	-	Gas	Central	North	-	325	340.3	1	1	1	1	325	340.3	325	325	325	340.3	X
DPP-2020-Cycle	J1566	Active	-	Solar	West	North	-	150	150	1	1	0	0	150	150	0	0	150	150	X
DPP-2020-Cycle	J1572	Active	-	Hybrid	West	North	-	150	150	1	1	1	1	150	150	150	150	150	150	X
DPP-2020-Cycle	J1754	Withdrawn	-	Wind	West	North	-	200	200	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2020-Cycle	J1502	Active	-	Solar	West	North	-	225	225	1	1	0	0	225	225	0	0	225	225	X
DPP-2020-Cycle	J1520	Active	-	Solar	West	North	-	135	135	1	1	0	0	135	135	0	0	135	135	X
DPP-2020-Cycle	J1562	Active	-	Solar	South	South	-	200	200	1	1	0	0	200	200	0	0	200	200	X
DPP-2020-Cycle	J1594	Withdrawn	-	Wind	West	North	-	200	200	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2020-Cycle	J1656	Active	-	Hybrid	Central	North	-	412	412	1	1	1	1	412	412	412	412	412	412	X
DPP-2020-Cycle	J1756	Active	-	Hybrid	Central	North	-	309	309	1	1	1	1	309	309	309	309	309	309	X
DPP-2020-Cycle	J1834	Done	-	Gas	South	South	-	**126**	**126**	1	1	1	1	126	126	126	126	126	126	X
DPP-2020-Cycle	J1730	Active	-	Solar	West	North	-	300	300	1	1	0	0	300	300	0	0	300	300	X
DPP-2020-Cycle	J1838	Withdrawn	-	Gas	West	North	-	320	320	1	1	1	1	0	0	0	0	0	0	
DPP-2020-Cycle	J1769	Active	-	Wind	West	North	-	80	80	0.156	0.156	1	1	12.48	12.48	80	80	12.48	12.48	X
DPP-2020-Cycle	J1521	Withdrawn	-	Wind	West	North	-	199.5	199.5	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2020-Cycle	J1534	Active	-	Solar	West	North	-	100	100	1	1	0	0	100	100	0	0	100	100	X
DPP-2020-Cycle	J1649	Active	-	Solar	Central	North	-	60	60	1	1	0	0	60	60	0	0	60	60	X
DPP-2020-Cycle	J1621	Withdrawn	-	Wind	West	North	-	400	400	0.156	0.156	1	1	0	0	0	0	0	0	
DPP-2020-Cycle	J1590	Active	-	Wind	West	North	-	200	200	0.156	0.156	1	1	31.2	31.2	200	200	31.2	31.2	X
DPP-2020-Cycle	J1819	Active	-	Battery Storage	South	South	-	0	0	1	1	1	1	0	0	0	0	0	0	X

** Units withdrawn mid-study

Generation Assumptions

TVA																				SS
Study	GIR	Status	Type	Fuel Type	Study Region	Scale Region	POI	SP Pmax	WP Pmax	S	W	L	H	27S	27W	27L	27H	32S	32W	Include
TVA	292	Active	-	Solar	TVA	TVA	-	80	80	NC	NC	NC	NC	-	-	-	-	-	-	Existing
TVA	299	Active	-	Solar	TVA	TVA	-	67	67	NC	NC	NC	NC	-	-	-	-	-	-	Existing
TVA	337	Active	-	Solar	TVA	TVA	-	30	30	NC	NC	NC	NC	-	-	-	-	-	-	Existing
AECI																				SS
Study	GIR	Status	Type	Fuel Type	Study Region	Scale Region	POI	SP Pmax	WP Pmax	S	W	L	H	27S	27W	27L	27H	32S	32W	Include
Local	ThomasHill	Operation	NRIS	Conv	AECI	SixCluster	-	1209.00	1232.00	1	1	NC	NC	1209.00	1232.00	-	-	1209.00	1232.00	X
Local	MtPleasant	Operation	NRIS	Conv	AECI	SixCluster	-	24.00	24.00	1	1	NC	NC	0.0*	0.0*	-	-	0.0*	0.0*	
Local	NewMadrid	Operation	NRIS	Conv	AECI	SixCluster	-	1231.90	1249.90	1	1	NC	NC	0.0*	0.0*	-	-	0.0*	0.0*	
Local	StFrancis	Operation	NRIS	Conv	AECI	SixCluster	-	470.80	479.80	1	1	NC	NC	0.0*	0.0*	-	-	0.0*	0.0*	
Local	Essex	Operation	NRIS	Conv	AECI	SixCluster	-	98.10	119.10	1	1	NC	NC	0.0*	0.0*	-	-	0.0*	0.0*	
Local	Nodaway	Operation	NRIS	Conv	AECI	SixCluster	-	186.20	230.20	1	1	NC	NC	186.20	230.20	-	-	186.20	230.20	X
Local	Holden	Operation	NRIS	Conv	AECI	SixCluster	-	330.30	351.30	1	1	NC	NC	330.30	351.30	-	-	330.30	351.30	X
Local	WestPlains	Operation	NRIS	Conv	AECI	SixCluster	-	44.00	44.00	1	1	NC	NC	0.0*	0.0*	-	-	0.0*	0.0*	
Local	Chouteau	Operation	NRIS	Conv	AECI	SixCluster	-	-	-	-	-	-	-	-	-	-	-	-	-	
Local	Dell	Operation	NRIS	Conv	AECI	SixCluster	-	578.00	599.20	1	1	NC	NC	0.0*	0.0*	-	-	0.0*	0.0*	
Local	BluegrassRidge	Operation	NRIS	Wind	AECI	SixCluster	-	56.70	56.70	1	1	NC	NC	56.70	56.70	-	-	56.70	56.70	X
Local	CowBranch	Operation	NRIS	Wind	AECI	SixCluster	-	50.40	50.40	1	1	NC	NC	50.40	50.40	-	-	50.40	50.40	X
Local	Conception	Operation	NRIS	Wind	AECI	SixCluster	-	50.40	50.40	1	1	NC	NC	50.40	50.40	-	-	50.40	50.40	X
Local	LostCreek	Operation	NRIS	Wind	AECI	SixCluster	-	168.00	168.00	1	1	NC	NC	168.00	168.00	-	-	168.00	168.00	X
Local	Osage	Operation	NRIS	Wind	AECI	SixCluster	-	150.00	150.00	1	1	NC	NC	150.00	150.00	-	-	150.00	150.00	X
Local	WhiteCloud	Operation	NRIS	Wind	AECI	SixCluster	-	236.50	236.50	1	1	NC	NC	236.50	236.50	-	-	236.50	236.50	X
Local	ClearCreek	Operation	NRIS	Wind	AECI	SixCluster	230	242.00	242.00	1	1	NC	NC	242.00	242.00	-	-	242.00	242.00	X
Queue	GI-068/FoxTrot	Withdrawn	NRIS	Solar	AECI	SixCluster	200	201.60	201.60	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-077	Active	NRIS	Gas	AECI	SixCluster	-	587.00	587.00	1	1	1	1	587.00	587.00	587.00	587.00	587.00	587.00	X
Queue	GI-078	Active	NRIS	Gas	AECI	SixCluster	-	564.00	564.00	1	1	1	1	564.00	564.00	564.00	564.00	564.00	564.00	X
Queue	GI-082	Withdrawn	NRIS	Solar	AECI	SixCluster	0	0.00	0.00	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-083	Active	NRIS	HVDC	AECI	SixCluster	1018	1031.00	1031.00	1	1	1	1	1031.00	1031.00	1031.00	1031.00	1031.00	1031.00	X
Queue	GI-084	Withdrawn	ERIS	Solar	AECI	SixCluster	196	200.60	200.60	0.65	0.55	0.65	0.65	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-085	Withdrawn	NRIS	Solar	AECI	SixCluster	436	447.30	447.30	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-086	Active	NRIS	Solar	AECI	SixCluster	100	103.40	103.40	1	1	1	1	103.40	103.40	103.40	103.40	103.40	103.40	X
Queue	GI-088	Withdrawn	NRIS	Solar	AECI	SixCluster	86.5	87.52	87.52	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-089	Withdrawn	NRIS	Solar	AECI	SixCluster	0	0.00	0.00	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-090	Active	NRIS	Solar	AECI	SixCluster	100	103.15	103.15	1	1	1	1	103.15	103.15	103.15	103.15	103.15	103.15	X
Queue	GI-091	Active	NRIS	Solar	AECI	SixCluster	96	98.40	98.40	1	1	1	1	98.40	98.40	98.40	98.40	98.40	98.40	X
Queue	GI-092	Withdrawn	NRIS	Wind	AECI	SixCluster	170	179.40	179.40	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-093	Active	NRIS	Solar	AECI	SixCluster	100	109.50	109.50	1	1	1	1	109.50	109.50	109.50	109.50	109.50	109.50	X
Queue	GI-094	Withdrawn	NRIS	Solar	AECI	SixCluster	225	228.43	228.43	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-095	Active	NRIS	Wind	AECI	SixCluster	247	251.88	251.88	1	1	1	1	251.88	251.88	251.88	251.88	251.88	251.88	X
Queue	GI-096	Active	ERIS	Wind	AECI	SixCluster	97.5	98.60	98.60	0.1	0.4	1	0.1	9.86	39.44	98.60	9.86	9.86	39.44	X
Queue	GI-097	Withdrawn	NRIS	Solar	AECI	SixCluster	350	354.80	354.80	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-098	Withdrawn	NRIS	Solar	AECI	SixCluster	250	253.26	253.26	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	
Queue	GI-099	Active	NRIS	Gas	AECI	SixCluster	470	470.83	470.83	1	1	1	1	470.83	470.83	470.83	470.83	470.83	470.83	X
Queue	GI-100	Active	NRIS	Gas	AECI	SixCluster	510	510.97	510.97	1	1	1	1	510.97	510.97	510.97	510.97	510.97	510.97	X
Queue	GI-101	Active	NRIS	Gas	AECI	SixCluster	460	460.78	460.78	1	1	1	1	460.78	460.78	460.78	460.78	460.78	460.78	X
Queue	GI-102	Active	NRIS	Gas	AECI	SixCluster	535	536.05	536.05	1	1	1	1	536.05	536.05	536.05	536.05	536.05	536.05	X
Queue	GI-103	Active	NRIS	Gas	AECI	SixCluster	460	460.81	460.81	1	1	1	1	460.81	460.81	460.81	460.81	460.81	460.81	X
Queue	GI-104	Active	NRIS	Gas	AECI	SixCluster	460	460.83	460.83	1	1	1	1	460.83	460.83	460.83	460.83	460.83	460.83	X
Queue	GI-105	Active	NRIS	Gas	AECI	SixCluster	460	460.82	460.82	1	1	1	1	460.82	460.82	460.82	460.82	460.82	460.82	X
Queue	GI-106	Active	NRIS	Solar	AECI	SixCluster	350	354.80	354.80	1	1	1	1	354.80	354.80	354.80	354.80	354.80	354.80	X
Queue	GI-107	Active	NRIS	Solar	AECI	SixCluster	250	253.35	253.35	1	1	1	1	253.35	253.35	253.35	253.35	253.35	253.35	X

* Listed generator was dispatched as found in base model