

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
01/03/2022	1	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Not Needed	PASS
01/03/2022	2	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/07/2022	3	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
01/10/2022	4	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL
01/11/2022	5	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/11/2022	6	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/12/2022	7	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/12/2022	8	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/13/2022	9	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/17/2022	10	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/19/2022	11	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/24/2022	12	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/26/2022	13	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
01/31/2022	14	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL
02/02/2022	15	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
02/02/2022	16	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	Needed	PASS
02/08/2021	17	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
02/10/2021	18	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
02/24/2022	19	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	FAIL	Needed	PASS
02/25/2022	20	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
02/28/2022	21	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	FAIL
03/02/2022	22	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
03/07/2022	23	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/07/2022	24	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
03/09/2022	25	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
03/09/2022	26	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
03/10/2022	27	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Needed	PASS
03/10/2022	28	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
03/10/2022	29	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
03/11/2022	30	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
03/11/2022	31	PASS	PASS	N/A	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/14/2022	32	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
03/14/2022	33	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
03/16/2022	34	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/16/2022	35	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/16/2022	36	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/18/2022	37	FAIL	PASS	N/A	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
03/18/2022	38	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
03/21/2022	39	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/21/2022	40	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
03/22/2022	41	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/22/2022	42	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/22/2022	43	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/22/2022	44	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/22/2022	45	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/23/2022	46	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
03/25/2022	47	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/25/2022	48	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/25/2022	49	PASS	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/28/2022	50	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
03/29/2022	51	FAIL	PASS	FAIL	N/A	PASS	PASS	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/30/2022	52	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Not Needed	PASS
04/06/2022	53	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	Needed	PASS
04/13/2022	54	FAIL	PASS	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	FAIL
04/13/2021	55	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/18/2022	56	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
04/20/2022	57	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Not Needed	PASS	
04/21/2022	58	PASS	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/21/2022	59	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS	
04/22/2022	60	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/26/2022	61	PASS	PASS	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/26/2022	62	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	FAIL
04/26/2022	63	PASS	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
05/09/2022	64	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
05/10/2022	65	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
05/13/2022	66	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
05/13/2022	67	FAIL	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
05/16/2022	68	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
05/16/2022	69	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
05/17/2022	70	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
05/18/2022	71	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
05/19/2022	72	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
05/23/2022	73	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
05/25/2022	74	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
05/26/2022	75	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
05/26/2022	76	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/01/2022	77	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/03/2022	78	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/03/2022	79	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/06/2022	80	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	FAIL
06/06/2022	81	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/08/2022	82	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/08/2022	83	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/09/2022	84	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/10/2022	85	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
06/13/2022	86	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/14/2022	87	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/16/2022	88	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/21/2022	89	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	Needed	PASS
06/21/2022	90	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	Needed	PASS
06/21/2022	91	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
06/22/2022	92	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
06/23/2022	93	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	FAIL
06/23/2022	94	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	FAIL
06/23/2022	95	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/23/2022	96	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/23/2022	97	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
07/06/2022	98	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	Needed	FAIL
07/06/2022	99	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
07/07/2022	100	PASS	FAIL	N/A	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	FAIL
07/07/2022	101	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL
07/08/2022	102	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/11/2022	103	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/12/2022	104	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
07/15/2022	105	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/15/2022	106	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/15/2022	107	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
07/15/2022	108	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
07/18/2022	109	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/18/2022	110	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/18/2022	111	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/19/2022	112	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
07/19/2022	113	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
07/20/2022	114	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	FAIL	Needed	PASS
07/20/2022	115	FAIL	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	PASS	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	Needed	PASS
07/21/2022	116	FAIL	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL
07/22/2022	117	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
07/25/2022	118	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
07/26/2022	119	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/26/2022	120	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/28/2022	121	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
07/28/2022	122	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/29/2022	123	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
08/02/2022	124	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	Needed	PASS
08/03/2022	125	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/03/2022	126	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
08/03/2022	127	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	N/A	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
08/04/2022	128	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/04/2022	129	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/04/2022	130	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/04/2022	131	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/04/2022	132	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/16/2022	133	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
08/16/2022	134	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	Needed	PASS
08/16/2022	135	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/22/2022	136	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
08/22/2022	137	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
08/24/2022	138	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
08/24/2022	139	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
08/25/2022	140	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
08/25/2022	141	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/25/2022	142	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	N/A	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
08/25/2022	143	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
08/31/2022	144	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
09/01/2022	145	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/06/2022	146	FAIL	PASS	N/A	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
09/15/2022	147	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/15/2022	148	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/16/2022	149	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	Needed	PASS
09/19/2022	150	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/19/2022	151	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/21/2022	152	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/27/2022	153	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
09/27/2022	154	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
09/30/2022	155	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
09/30/2022	156	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/03/2022	157	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
10/03/2022	158	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/04/2022	159	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/05/2022	160	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/05/2022	161	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/05/2022	162	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/06/2022	163	FAIL	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/12/2022	164	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/12/2022	165	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/12/2022	166	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/13/2022	167	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/13/2022	168	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	FAIL	Pass	PASS	PASS	Needed	PASS
10/14/2022	169	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/18/2022	170	FAIL	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/18/2022	171	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/19/2022	172	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	Pass	FAIL	FAIL	Needed	PASS
10/19/2022	173	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/20/2022	174	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/21/2022	175	FAIL	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/21/2022	176	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/21/2022	177	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/24/2022	178	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	Pass	PASS	Needed	PASS
10/25/2022	179	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/25/2022	180	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/31/2022	181	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/31/2022	182	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	Pass	FAIL	FAIL	Needed	PASS
11/03/2022	183	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/03/2022	184	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
11/10/2022	185	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	Pass	FAIL	FAIL	Needed	PASS
11/10/2022	186	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
11/11/2022	187	PASS	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	Pass	FAIL	FAIL	Needed	PASS
11/14/2022	188	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
11/16/2022	189	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	Pass	FAIL	FAIL	Needed	PASS
11/16/2022	190	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Pass	PASS	Fail	FAIL	FAIL	FAIL	Needed	PASS
11/16/2022	191	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
11/16/2022	192	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	Fail	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
11/17/2022	193	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/18/2022	194	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
11/22/2022	195	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL
11/26/2022	196	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL
11/28/2022	197	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
11/28/2022	198	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	Pass	PASS	FAIL	FAIL	FAIL	Needed	FAIL
11/29/2022	199	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
12/01/2022	200	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
12/01/2022	201	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
12/03/2022	202	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
12/03/2022	203	FAIL	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
12/05/2022	204	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
12/06/2022	205	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	FAIL	PASS	Fail	Fail	Needed	PASS
12/06/2022	206	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	Needed	PASS
12/06/2022	207	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Fail	PASS	Pass	FAIL	PASS	PASS	Needed	FAIL
12/06/2022	208	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
12/07/2022	209	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/07/2022	210	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	Pass	PASS	FAIL	Needed	PASS	

CESIR DATE	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
12/07/2022	211	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
12/08/2022	212	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	Pass	Pass	PASS	FAIL	Needed	PASS
12/08/2022	213	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	Pass	Pass	PASS	FAIL	Needed	PASS
12/11/2022	214	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
12/12/2022	215	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
12/14/2022	216	FAIL	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
12/15/2022	217	PASS	PASS	N/A	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
12/21/2022	218	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	Pass	FAIL	PASS	FAIL	Needed	PASS
12/21/2022	219	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	FAIL	PASS	Pass	Needed	PASS
12/21/2022	220	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
12/22/2022	221	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
12/22/2022	222	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
12/22/2022	223	FAIL	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	PASS	PASS	Needed	PASS
12/22/2022	224	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/27/2022	225	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	Pass	PASS	FAIL	Needed	PASS
12/27/2022	226	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	Pass	PASS	Pass	Needed	PASS
12/27/2022	227	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	Pass	PASS	Pass	Fail	PASS	PASS	Needed	PASS
12/27/2022	228	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/29/2022	229	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/29/2022	230	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	Pass	PASS	PASS	Needed	PASS
12/30/2022	231	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/05/2023	232	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/06/2023	233	FAIL	FAIL	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
01/06/2023	234	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	FAIL	PASS	FAIL	FAIL	Needed	PASS
01/06/2023	235	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/11/2023	236	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
01/11/2023	237	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
01/11/2023	238	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
01/12/2023	239	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
01/13/2023	240	N/A	N/A	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	PASS	FAIL	Needed	FAIL
01/13/2023	241	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	PASS	FAIL	Needed	PASS
01/13/2023	242	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/16/2023	243	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
01/16/2023	244	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL
01/16/2023	245	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL
01/18/2023	246	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	FAIL	Needed	PASS
01/18/2023	247	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Pass	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/18/2023	248	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/20/2023	249	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	Fail	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
01/20/2023	250	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
01/24/2023	251	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	Needed	PASS
01/24/2023	252	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
01/26/2023	253	PASS	PASS	N/A	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL
01/30/2023	254	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
02/02/2023	255	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
02/03/2023	256	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	Needed	PASS
02/06/2023	257	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
01/31/2023	258	PASS	PASS	FAIL	N/A	N/A	N/A	N/A	N/A	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
02/01/2023	259	PASS	PASS	FAIL	N/A	N/A	N/A	N/A	N/A	PASS	FAIL	PASS	PASS	PASS	PASS	N/A	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
02/10/2023	260	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	Pass	PASS	PASS	Needed	FAIL
02/10/2023	261	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
02/10/2023	262	PASS	PASS	N/A	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	Pass	PASS	Pass	Pass	Not Needed	PASS
02/17/2023	263	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
02/17/2023	264	FAIL	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	N/A	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
02/22/2023	265	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
02/21/2023	266	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
02/21/2023	267	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
02/23/2023	268	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
02/23/2023	269	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	FAIL	Needed	PASS
02/27/2023	270	FAIL	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
03/01/2023	271	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	Pass	PASS	Pass	PASS	PASS	PASS	PASS	Needed	PASS
03/01/2023	272	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
03/02/2023	273	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
03/03/2023	274	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
03/06/2023	275	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	N/A	PASS	PASS	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
03/07/2023	276	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
03/07/2023	277	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
03/07/2023	278	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
03/10/2023	279	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
03/13/2023	280	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	PASS	PASS	Needed	PASS

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other	
03/13/2023	281	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS	
03/14/2023	282	FAIL	FAIL	FAIL	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	FAIL	Needed	PASS	
03/14/2023	283	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	Needed	PASS	
03/14/2023	284	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS	
03/17/2023	285	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS	
03/17/2023	286	PASS	PASS	FAIL	N/A	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS	
03/17/2023	287	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS	
03/17/2023	288	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS	
03/17/2023	289	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS	
03/17/2023	290	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS	
03/17/2023	291	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS	
3/17/2023	292	FAIL	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS	
03/23/2023	293	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS	
03/23/2023	294	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS	
03/23/2023	295	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
03/27/2023	296	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS	
03/28/2023	297	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL	Pass	FAIL	FAIL	FAIL	Needed	PASS	
03/28/2023	298	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS	
03/29/2023	299	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS	
03/30/2023	300	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS	
03/30/2023	301	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS	
03/30/2023	302	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
03/30/2023	303	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS	
03/30/2023	304	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	Pass	Pass	FAIL	FAIL	FAIL	Needed	PASS	
04/05/2023	305	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Fail	PASS	Pass	Pass	PASS	PASS	PASS	Needed	FAIL	
04/10/2023	306	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL	
04/10/2023	307	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Pass	Pass	PASS	FAIL	FAIL	Needed	FAIL	
04/10/2023	308	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	FAIL	PASS	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL	
04/11/2023	309	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS	
04/11/2023	310	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	PASS	Needed	PASS	
04/12/2023	311	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL	
04/14/2023	312	PASS	PASS	N/A	N/A	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	N/A	PASS	N/A	Pass	PASS	PASS	Needed	FAIL	
04/14/2023	313	PASS	PASS	N/A	N/A	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	N/A	PASS	N/A	Pass	N/A	N/A	Needed	FAIL	
04/17/2023	314	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS	
04/17/2023	315	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
04/17/2023	316	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS	
04/17/2023	317	FAIL	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	FAIL	FAIL	Needed	PASS	
04/18/2023	318	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
04/19/2023	319	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	PASS	Needed	PASS	
04/20/2023	320	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL	
04/24/2023	321	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL	
04/24/2023	322	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	Fail	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL	
04/25/2023	323	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	FAIL	FAIL	Pass	PASS	PASS	Fail	FAIL	FAIL	Needed	PASS	
04/25/2023	324	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
04/26/2023	325	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
04/27/2023	326	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	Pass	PASS	PASS	Needed	PASS	
04/27/2023	327	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	Needed	FAIL	
04/28/2023	328	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	FAIL	
05/01/2023	329	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS	
05/02/2023	330	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	N/A	PASS	N/A	PASS	N/A	N/A	Needed	FAIL	
05/03/2023	331	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	N/A	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
05/05/2023	332	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS	
05/09/2023	333	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS	
05/09/2023	334	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS	
05/09/2023	335	FAIL	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS	
05/09/2023	336	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	Needed	FAIL	
05/11/2023	337	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	FAIL	Needed	FAIL	
05/15/2023	338	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS	
05/16/2023	339	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS	
05/17/2023	340	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	Pass	FAIL	PASS	PASS	PASS	Needed	PASS	
05/25/2023	341	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	FAIL	PASS	PASS	Needed	PASS	
05/25/2023	342	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	PASS	
05/25/2023	343	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
05/25/2023	344	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
05/26/2023	345	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Pass	FAIL	PASS	PASS	PASS	Needed	PASS	
05/26/2023	346	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS	
06/01/2023	347	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	PASS	Needed	PASS	
06/01/2023	348	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS	
05/31/2023	349	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS	
06/02/2023	350	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL	

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
06/02/2023	351	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
06/05/2023	352	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	Pass	PASS	PASS	Needed	PASS
06/05/2023	353	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	PASS	PASS	PASS	Needed	PASS
06/07/2023	354	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/07/2023	355	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	Not Needed	PASS
06/07/2023	356	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
06/07/2023	357	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
06/07/2023	358	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	Pass	FAIL	FAIL	Needed	FAIL
06/08/2023	359	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
06/12/2023	360	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
06/12/2023	361	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
06/14/2023	362	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL
06/15/2023	363	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	FAIL
06/16/2023	364	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
06/19/2023	365	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/21/2023	366	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	PASS	FAIL	FAIL	Needed	FAIL
06/21/2023	367	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	Pass	FAIL	FAIL	Needed	FAIL
06/23/2023	368	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/23/2023	369	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
06/27/2023	370	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	FAIL
06/28/2023	371	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	FAIL
06/28/2023	372	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Fail	PASS	PASS	FAIL	PASS	FAIL	Needed	FAIL
06/29/2023	373	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Fail	PASS	FAIL	FAIL	FAIL	FAIL	Needed	FAIL
07/03/2023	374	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	Needed	PASS
07/06/2023	375	FAIL	PASS	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
07/07/2023	376	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	Pass	PASS	Pass	Needed	PASS
07/07/2023	377	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/10/2023	378	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	Pass	Needed	PASS
07/14/2023	379	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
07/17/2023	380	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/17/2023	381	FAIL	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
07/18/2023	382	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
07/18/2023	383	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
07/18/2023	384	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
07/24/2023	385	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
07/24/2023	386	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/25/2023	387	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	Needed	PASS
07/25/2023	388	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
08/03/2023	389	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
08/04/2023	390	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	FAIL	Needed	PASS
08/04/2023	391	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
08/04/2023	392	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/04/2023	393	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
08/08/2023	394	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
08/08/2023	395	PASS	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/09/2023	396	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	PASS	FAIL	FAIL	Needed	PASS
08/09/2023	397	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	PASS	FAIL	FAIL	Needed	PASS
08/09/2023	398	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	Needed	PASS
07/20/2023	399	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	FAIL	Needed	PASS
07/20/2023	400	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Fail	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
07/25/2023	401	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/26/2023	402	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
08/02/2023	403	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	Pass	PASS	Pass	Needed	PASS
08/03/2023	404	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
07/26/2023	405	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
08/02/2023	406	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	FAIL	Needed	FAIL
08/07/2023	407	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	PASS	PASS	Needed	PASS
08/07/2023	408	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	PASS	PASS	PASS	Needed	PASS
08/08/2023	409	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	PASS	FAIL	FAIL	Needed	PASS
08/08/2023	410	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	PASS	FAIL	FAIL	Needed	PASS
08/08/2023	411	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	Pass	FAIL	FAIL	FAIL	Needed	PASS
08/08/2023	412	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
08/14/2023	413	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	FAIL
08/15/2023	414	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
08/17/2023	415	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	FAIL	Needed	PASS
08/22/2023	416	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/24/2023	417	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
08/24/2023	418	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	Needed	PASS
08/24/2023	419	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	PASS	PASS	Needed	FAIL
08/30/2023	420	PASS	PASS	FAIL	FAIL	FAIL	PASS	FAIL	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
08/30/2023	421	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	FAIL
08/30/2023	422	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/01/2023	423	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
09/01/2023	424	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	FAIL	FAIL	Pass	PASS	Pass	PASS	PASS	PASS	Needed	PASS
09/01/2023	425	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
09/01/2023	426	FAIL	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	FAIL	FAIL	PASS	Pass	FAIL	FAIL	FAIL	FAIL	Needed	PASS
09/05/2023	427	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
09/07/2023	428	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	PASS	FAIL	FAIL	Needed	PASS
09/07/2023	429	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
09/07/2023	430	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/07/2023	431	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
09/08/2023	432	PASS	FAIL	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/11/2023	433	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	PASS	PASS	PASS	Needed	PASS
09/11/2023	434	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	Fail	PASS	Pass	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/11/2023	435	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
09/12/2023	436	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/12/2023	437	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/13/2023	438	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
09/13/2023	439	FAIL	FAIL	N/A	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	PASS	PASS	PASS	Needed	PASS
09/14/2023	440	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	PASS	PASS	PASS	Needed	PASS
09/15/2023	441	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/18/2023	442	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/19/2023	443	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	Pass	PASS	PASS	FAIL	Needed	PASS
09/19/2023	444	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/20/2023	445	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/22/2023	446	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
09/25/2023	447	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/25/2023	448	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
09/28/2023	449	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Fail	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
10/02/2023	450	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
10/02/2023	451	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/04/2023	452	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/04/2023	453	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/10/2023	454	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/11/2023	455	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
10/12/2023	456	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/12/2023	457	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
10/16/2023	458	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/17/2023	459	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
10/18/2023	460	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	PASS	PASS	PASS	Needed	PASS
10/18/2023	461	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
10/18/2023	462	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
10/18/2023	463	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/20/2023	464	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/20/2023	465	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
10/20/2023	466	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/23/2023	467	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
10/25/2023	468	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	PASS	Pass	PASS	PASS	FAIL	Needed	PASS
10/25/2023	469	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
10/25/2023	470	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/26/2023	471	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/30/2023	472	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
10/31/2023	473	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/31/2023	474	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
11/01/2023	475	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/01/2023	476	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
11/02/2023	477	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
11/02/2023	478	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	FAIL	FAIL	PASS	PASS	Needed	PASS
11/02/2023	479	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	PASS	PASS	PASS	Needed	PASS
11/02/2023	480	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	Pass	PASS	FAIL	FAIL	FAIL	Needed	PASS
11/07/2023	481	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	PASS	PASS	PASS	Needed	PASS
11/07/2023	482	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Fail	PASS	Pass	Pass	PASS	PASS	PASS	Needed	PASS
11/08/2023	483	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	FAIL	Needed	PASS
11/09/2023	484	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/09/2023	485	PASS	PASS	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	N/A	FAIL	N/A	N/A	PASS	FAIL	N/A	N/A	N/A	Needed	PASS
11/12/2023	486	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/13/2023	487	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	N/A	FAIL	N/A	N/A	PASS	FAIL	N/A	N/A	Needed	PASS
11/14/2023	488	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	N/A	FAIL	N/A	N/A	PASS	FAIL	N/A	N/A	Needed	PASS
11/14/2023	489	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
11/14/2023	490	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
11/14/2023	491	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	PASS	N/A	N/A	Needed	PASS
11/14/2023	492	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
11/15/2023	493	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	Needed	PASS
11/16/2023	494	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
11/20/2023	495	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
11/22/2023	496	FAIL	FAIL	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	PASS	PASS	Needed	PASS
11/22/2023	497	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	N/A	FAIL	N/A	N/A	N/A	PASS	N/A	N/A	Needed	PASS
11/22/2023	498	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
11/22/2023	499	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
11/27/2023	500	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
11/27/2023	501	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	Pass	PASS	PASS	Needed	PASS
11/27/2023	502	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
11/27/2023	503	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	FAIL
11/27/2023	504	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
11/27/2023	505	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/28/2023	506	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
11/29/2023	507	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	Pass	PASS	PASS	PASS	Needed	PASS
11/30/2023	508	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
11/30/2023	509	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
12/04/2023	510	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	Pass	FAIL	FAIL	Needed	PASS
12/06/2023	511	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	Pass	PASS	Pass	PASS	FAIL	FAIL	Not Needed	PASS
12/06/2023	512	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
12/07/2023	513	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	PASS	FAIL	N/A	N/A	Pass	FAIL	N/A	N/A	Needed	PASS
12/07/2023	514	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
12/07/2023	515	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
12/07/2023	516	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/08/2023	517	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	Pass	FAIL	N/A	N/A	Needed	PASS
12/12/2023	518	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	Pass	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
12/12/2023	519	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
12/12/2023	520	FAIL	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
12/12/2023	521	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/13/2023	522	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
12/14/2023	523	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/18/2023	524	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
12/21/2023	525	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	Pass	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
12/22/2023	526	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	Needed	PASS
12/22/2023	527	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
12/26/2023	528	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	PASS	FAIL	N/A	N/A	N/A	PASS	N/A	N/A	Needed	PASS
12/27/2023	529	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/28/2023	530	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/28/2023	531	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/02/2024	532	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/03/2024	533	FAIL	PASS	FAIL	FAIL	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
01/03/2024	534	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/04/2023	535	FAIL	FAIL	N/A	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/04/2024	536	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
01/04/2024	537	FAIL	PASS	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
01/04/2024	538	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/04/2024	539	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
01/10/2024	540	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Fail	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
01/10/2024	541	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/10/2024	542	FAIL	PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
01/12/2024	543	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
01/15/2024	544	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/16/2024	545	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
01/12/2024	546	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/16/2024	547	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
01/16/2024	548	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/17/2024	549	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	Pass	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/17/2024	550	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
01/17/2024	551	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
01/17/2024	552	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
01/17/2024	553	FAIL	FAIL	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Pass	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/17/2024	554	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
01/17/2024	555	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Pass	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
01/18/2024	556	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
01/22/2024	557	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
01/22/2024	558	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
01/22/2024	559	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/22/2024	560	PASS	PASS	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
01/22/2024	561	PASS	PASS	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	N/A	N/A	FAIL	PASS	N/A	Needed	PASS
01/23/2024	562	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	Fail	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/23/2024	563	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/24/2024	564	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/24/2024	565	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/24/2024	566	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/24/2024	567	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
01/29/2024	568	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
01/29/2024	569	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/29/2024	570	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Fail	PASS	Pass	PASS	PASS	PASS	Needed	PASS
01/30/2024	571	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
01/30/2024	572	PASS	FAIL	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
01/30/2024	573	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
01/31/2024	574	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
01/31/2024	575	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/31/2024	576	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	FAIL	FAIL	FAIL	Needed	PASS
02/02/2024	577	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	FAIL	Needed	PASS
02/02/2024	578	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
02/02/2024	579	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
02/02/2024	580	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
02/05/2024	581	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
02/05/2024	582	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL
02/06/2024	583	PASS	FAIL	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
02/07/2024	584	FAIL	FAIL	FAIL	N/A	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
02/07/2024	585	FAIL	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
02/08/2024	586	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
02/09/2024	587	FAIL	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
02/09/2024	588	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
02/12/2024	589	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
02/13/2024	590	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
02/14/2024	591	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
02/15/2024	592	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	PASS
02/16/2024	593	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
02/19/2024	594	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	Pass	FAIL	PASS	PASS	PASS	Needed	PASS
02/21/2024	595	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Pass	PASS	Pass	Fail	FAIL	FAIL	Needed	PASS	
02/23/2024	596	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
02/26/2024	597	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS	
02/27/2024	598	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
02/27/2024	599	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
02/28/2024	600	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	Pass	FAIL	N/A	N/A	Needed	FAIL
02/29/2024	601	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
03/04/2024	602	PASS	FAIL	FAIL	N/A	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	FAIL	PASS	PASS	Needed	PASS
03/05/2024	603	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/06/2024	604	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Fail	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
03/06/2024	605	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
03/07/2024	606	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/07/2024	607	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/11/2024	608	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
03/11/2024	609	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	PASS	N/A	N/A	Needed	PASS
03/11/2024	610	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	N/A	FAIL	N/A	N/A	N/A	N/A	N/A	N/A	Needed	PASS
03/12/2024	611	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	Pass	PASS	FAIL	FAIL	Needed	PASS
03/13/2024	612	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	Needed	PASS
03/14/2024	613	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/14/2024	614	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
03/14/2024	615	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
03/18/2024	616	FAIL	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/18/2024	617	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	PASS	N/A	N/A	Needed	PASS
03/20/2024	618	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	N/A	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
03/20/2024	619	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
03/20/2024	620	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/21/2024	621	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
03/21/2024	622	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Not Needed	PASS
03/21/2024	623	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/25/2024	624	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	N/A	N/A	FAIL	N/A	N/A	Needed	PASS
03/26/2024	625	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	PASS	FAIL	N/A	N/A	PASS	FAIL	N/A	N/A	Needed	PASS
03/26/2024	626	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/26/2024	627	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
03/26/2024	628	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
03/27/2024	629	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
03/28/2024	630	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
03/29/2024	631	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	FAIL	Needed	FAIL
03/29/2024	632	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	FAIL	Needed	FAIL
04/02/2024	633	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/03/2024	634	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	FAIL	FAIL	N/A	N/A	N/A	PASS	N/A	N/A	Needed	FAIL
04/04/2024	635	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/04/2024	636	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/04/2024	637	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/05/2024	638	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
04/05/2024	639	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
04/05/2024	640	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	N/A	N/A	Needed	PASS
04/05/2024	641	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/08/2024	642	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
04/08/2024	643	FAIL	PASS	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/08/2024	644	FAIL	PASS	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/10/2024	645	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/10/2024	646	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
04/10/2024	647	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/11/2024	648	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/11/2024	649	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/12/2024	650	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
04/12/2024	651	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/15/2024	652	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/15/2024	653	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/16/2024	654	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
04/16/2024	655	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
04/16/2024	656	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	FAIL	FAIL	FAIL	Needed	PASS
04/17/2024	657	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/19/2024	658	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/19/2024	659	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/19/2024	660	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/19/2024	661	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	PASS	PASS	N/A	N/A	N/A	N/A	N/A	N/A	Needed	PASS
04/22/2024	662	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/23/2024	663	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/24/2024	664	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/24/2024	665	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/25/2024	666	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/25/2024	667	PASS	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
04/25/2024	668	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/25/2024	669	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/26/2024	670	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
04/26/2024	671	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/26/2024	672	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
04/29/2024	673	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
04/30/2024	674	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
05/02/2024	675	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
05/02/2024	676	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
05/07/2024	677	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	PASS	FAIL	N/A	N/A	PASS	FAIL	N/A	N/A	Needed	PASS
05/07/2024	678	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
05/08/2024	679	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
05/09/2024	680	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	FAIL	N/A	FAIL	N/A	FAIL	N/A	N/A	Needed	PASS
05/09/2024	681	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
05/09/2024	682	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
05/14/2024	683	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	PASS	FAIL	N/A	N/A	N/A	FAIL	N/A	N/A	Needed	PASS
05/16/2024	684	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	PASS	FAIL	N/A	N/A	PASS	FAIL	N/A	N/A	Needed	PASS
05/17/2024	685	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
05/17/2024	686	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
05/17/2024	687	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	N/A	FAIL	N/A	N/A	N/A	N/A	N/A	N/A	Needed	PASS
05/17/2024	688	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
05/20/2024	689	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	N/A	N/A	Needed	PASS
05/21/2024	690	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	N/A	N/A	Needed	PASS
05/28/2024	691	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
05/30/2024	692	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
05/31/2024	693	PASS	PASS	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
06/04/2024	694	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	Pass	PASS	PASS	Needed	PASS
06/07/2024	695	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
06/11/2024	696	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/11/2024	697	FAIL	PASS	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/11/2024	698	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
06/12/2024	699	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/13/2024	700	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
06/14/2024	701	PASS	PASS	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
06/17/2024	702	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/17/2024	703	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	N/A	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	PASS	N/A	N/A	Needed	PASS
06/17/2024	704	PASS	PASS	FAIL	Fail	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/17/2024	705	PASS	PASS	FAIL	Fail	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
06/18/2024	706	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/18/2024	707	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
06/19/2024	708	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/19/2024	709	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/20/2024	710	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/20/2024	711	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/20/2024	712	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/20/2024	713	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
06/25/2024	714	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/25/2024	715	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/25/2024	716	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/25/2024	717	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/25/2024	718	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/26/2024	719	PASS	FAIL	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
06/26/2024	720	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	N/A	PASS	PASS	N/A	N/A	N/A	N/A	N/A	N/A	Needed	PASS
07/01/2024	721	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
07/01/2024	722	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
07/01/2024	723	FAIL	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/01/2024	724	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
07/01/2024	725	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
07/02/2024	726	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
07/02/2024	727	FAIL	PASS	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Needed	PASS
07/05/2024	728	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
07/05/2024	729	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
07/08/2024	730	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/08/2024	731	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
07/08/2024	732	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
07/09/2024	733	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/09/2024	734	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/09/2024	735	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/12/2024	736	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/12/2024	737	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/12/2024	738	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/12/2024	739	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
07/17/2024	740	FAIL	PASS	FAIL	N/A	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
06/20/2024	741	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
06/20/2024	742	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Pass	PASS	PASS	PASS	Needed	PASS
07/02/2024	743	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
07/03/2024	744	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	Needed	PASS
07/09/2024	745	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/17/2024	746	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/17/2024	747	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/17/2024	748	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/17/2024	749	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/17/2024	750	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
07/19/2024	751	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	FAIL
07/22/2024	752	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/22/2024	753	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	FAIL	PASS	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
07/22/2024	754	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/23/2024	755	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/24/2024	756	PASS	PASS	FAIL	N/A	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
05/21/2024	757	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
07/26/2024	758	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Pass	FAIL	PASS	PASS	Needed	FAIL
07/25/2024	759	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Not Needed	PASS
07/30/2024	760	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
07/31/2024	761	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
07/31/2024	762	FAIL	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
08/01/2024	763	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
08/05/2024	764	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
08/05/2024	765	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/05/2024	766	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
08/06/2024	767	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/06/2024	768	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
08/07/2024	769	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	FAIL
08/08/2024	770	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS

CESIR Date	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
08/08/2024	771	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/26/2024	772	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
08/14/2024	773	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/05/2024	774	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/09/2024	775	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
08/14/2024	776	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
08/19/2024	777	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
08/20/2024	778	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	N/A	PASS	FAIL	N/A	N/A	N/A	PASS	N/A	N/A	Needed	PASS
08/20/2024	779	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
08/22/2024	780	PASS	PASS	FAIL	N/A	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	N/A	N/A	Needed	PASS
08/23/2024	781	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
08/28/2024	782	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/27/2024	783	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
08/28/2024	784	PASS	PASS	N/A	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
08/29/2024	785	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
08/30/2024	786	PASS	PASS	FAIL	PASS	PASS	PASS	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/13/2024	787	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
09/04/2024	788	FAIL	PASS	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/13/2024	789	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Fail	Pass	Fail	FAIL	PASS	PASS	PASS	Needed	PASS
09/18/2024	790	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/18/2024	791	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/09/2024	792	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
09/13/2024	793	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
09/18/2024	794	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
09/23/2024	795	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
09/24/2024	796	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	FAIL	Needed	PASS
09/25/2024	797	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/26/2024	798	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/27/2024	799	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/26/2024	800	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/26/2024	801	PASS	FAIL	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
09/26/2024	802	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
09/26/2024	803	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/26/2024	804	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/26/2024	805	PASS	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/26/2024	806	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
09/26/2024	807	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
09/30/2024	808	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
10/01/2024	809	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
10/07/2024	810	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/02/2024	811	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/02/2024	812	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/09/2024	813	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	PASS	N/A	N/A	Needed	PASS
10/09/2024	814	FAIL	PASS	N/A	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
10/09/2024	815	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/17/2024	816	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/18/2024	817	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/21/2024	818	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	Needed	PASS
10/22/2024	819	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/24/2024	820	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/24/2024	821	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	Pass	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
10/24/2024	822	FAIL	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/25/2024	823	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/01/2024	824	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/04/2024	825	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/04/2024	826	FAIL	PASS	FAIL	N/A	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/06/2024	827	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/08/2024	828	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
11/08/2024	829	PASS	FAIL	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/08/2024	830	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
11/13/2024	831	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
11/15/2024	832	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
11/21/2024	833	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/22/2024	834	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Not Needed	PASS
11/18/2024	835	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
11/22/2024	836	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
11/22/2024	837	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	PASS	N/A	N/A	Needed	PASS
11/27/2024	838	PASS	PASS	PASS	N/A	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
11/27/2024	839	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
11/25/2024	840	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS

CESIR DATE	Study #	Overvoltage	Undervoltage	Source Regulation for Reverse Power	Line Regulation for Reverse Power	Fluctuation - proposed generation on feeder	Fluctuation - aggregate DER on substation bus	Regulator Variation	Flicker	Aggregate Flicker	Thermal (Cont. Current)	Withstand (Fault Current) - Distribution Equip.	Withstand (Fault Current) - Substation Equip.	Unintentional Islanding	Protective Device Coordination - Dist. Line Fusing	Protective Device Coordination - Reclosers and Breakers	Fault Sensitivity	Ground Fault Detection	Overvoltage - Transmission System Fault	Overvoltage - Distribution System Fault	Effective Grounding	Required EMS Visibility for Generation Sources	Other
12/03/2024	841	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/05/2024	842	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	Needed	FAIL
12/05/2024	843	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	PASS	Pass	FAIL	FAIL	Needed	PASS
12/05/2024	844	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
12/06/2024	845	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
12/06/2024	846	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/11/2024	847	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/09/2024	848	FAIL	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	Needed
12/05/2024	849	PASS	PASS	PASS	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/10/2024	850	PASS	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	PASS	PASS	PASS	Needed	PASS
12/13/2024	851	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Pass	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/16/2024	852	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
12/18/2024	853	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/13/2024	854	FAIL	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/16/2024	855	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	FAIL
12/18/2024	856	PASS	PASS	N/A	N/A	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/20/2024	857	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
12/24/2024	858	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Fail	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/16/2024	859	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	Pass	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
12/18/2024	860	FAIL	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/26/2024	861	FAIL	FAIL	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	Pass	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
12/26/2024	862	PASS	PASS	N/A	N/A	PASS	PASS	PASS	PASS	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
10/26/2023	863	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
12/19/2024	864	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	FAIL	PASS	FAIL	FAIL	Needed	PASS
12/20/2024	865	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
12/20/2024	866	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
12/20/2024	867	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/02/2024	868	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	PASS	FAIL	N/A	N/A	Needed	PASS
01/08/2024	869	FAIL	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/08/2025	870	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/10/2025	871	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	Needed	PASS
01/10/2025	872	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS
01/10/2025	873	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	FAIL	FAIL	FAIL	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/20/2025	874	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	FAIL	FAIL	Needed	PASS
01/20/2025	875	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	FAIL	PASS	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	Needed	PASS
01/27/2025	876	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	FAIL	FAIL	Needed	PASS
01/13/2025	877	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	PASS	N/A	PASS	N/A	Pass	N/A	N/A	Needed	PASS
01/24/2025	878	PASS	PASS	FAIL	N/A	PASS	PASS	PASS	PASS	PASS	FAIL	PASS	PASS	PASS	FAIL	N/A	PASS	N/A	FAIL	N/A	N/A	Needed	PASS