

| CESIR Date | Study # | Overtoltage | 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 | Overtoltage - Transmission System Fault | Overtoltage - 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       | FAIL        | 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              | PASS                   | FAIL                                    | 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              | PASS                   | 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  | PASS                    | FAIL   | PASS  | PASS              | PASS                   | FAIL                                    | PASS                                    | FAIL                | Needed   | PASS  |
| 02/25/2022 | 20      | FAIL        | FAIL         | FAIL                                | FAIL                              | PASS  | PASS  | PASS                | PASS    | PASS              | FAIL                    | PASS  | PASS  | PASS                    | FAIL   | PASS  | PASS              | PASS                   | PASS                                    | 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                   | PASS                                    | 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                   | PASS                                    | FAIL                                    | FAIL                | Needed   | PASS  |
| 03/10/2022 | 27      | PASS        | PASS         | FAIL                                | N/A                               | PASS  | PASS  | PASS                | PASS    | PASS              | PASS                    | PASS  | FAIL  | 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              | PASS                   | FAIL                                    | 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              | PASS                   | FAIL                                    | 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  | PASS                    | FAIL   | PASS  | PASS              | PASS                   | PASS                                    | 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                    | PASS   | FAIL  | PASS              | PASS                   | PASS                                    | 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                   | PASS                                    | FAIL                                    | FAIL                | Needed   | PASS  |
| 03/22/2022 | 41      | PASS        | PASS         | N/A                                 | N/A                               | PASS  | PASS  | PASS                | PASS    | PASS              | PASS                    | PASS  | PASS  | PASS                    | FAIL   | FAIL  | PASS              | PASS                   | PASS                                    | PASS                                    | PASS                | Needed   | FAIL  |
| 03/22/2022 | 42      | PASS        | PASS         | N/A                                 | PASS                              | PASS  | PASS  | PASS                | PASS    | PASS              | PASS                    | PASS  | PASS  | PASS                    | FAIL   | FAIL  | PASS              | PASS                   | PASS                                    | PASS                                    | PASS                | Needed   | FAIL  |
| 03/22/2022 | 43      | PASS        | PASS         | N/A                                 | PASS                              | PASS  | PASS  | PASS                | PASS    | PASS              | PASS                    | PASS  | PASS  | PASS                    | FAIL   | FAIL  | 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              | PASS                   | 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                               | FAIL  | 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  | PASS                    | FAIL   | 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                    | PASS   | PASS  | PASS              | FAIL                   | PASS                                    | 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              | PASS                   | 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                   | 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                   | PASS                                    | FAIL                                    | FAIL                | Needed   | PASS  |
| 04/22/2022 | 60      | PASS        | PASS         | FAIL                                | FAIL                              | PASS  | PASS  | PASS                | FAIL    | PASS              | PASS                    | 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  | PASS                    | 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                   | PASS                                    | FAIL                                    | FAIL                | Needed   | FAIL  |
| 04/26/2022 | 63      | PASS        | FAIL         | N/A                                 | N/A                               | PASS  | PASS  | PASS                | PASS    | PASS              | PASS                    | PASS  | PASS  | PASS                    | FAIL   | PASS  | PASS              | PASS                   | PASS                                    | PASS                                    | PASS                | Needed   | PASS  |



































