**ITWG 121918 Notes**

**Technical Guidelines - Matrix**

* Industry presented several items related to the matrix that could be improved over time, but not before initial publishing.
* Before publishing Matrix, address the following:
  + Add line for ESS under Substation Transformer Backfeeding section
  + Address PV only discussion in document
  + Move disclaimers to top of document
* Otherwise document is close to final and publication
* Should talk about regular intervals for updating matrix

**Preliminary Screening Results Standardization**

* Screens A, B, D: All set as is!
* Screen C: Discussion on adding list of all equipment to results. Decision was to only focus on equipment failing screening criteria as previously discussed.
* Screen E: Add in “Peak” to line section load response
* Screen F: Screen looks at Primary side was agreed to. Add language relating to available 3Phase (L-L) or Ph-Ph into language.
* Other document is close to final and publication

**Monitoring & Controls Update**

* Refer to NYSEIA slides for industry perspective, by Luke Spencer
* Definition of “Aggregate” in M&C language is useful exercise
* Appendix to M&C Guidelines never published and should be discussed more
* Pterra: New Inverter standards include M&C capabilities already built into devices, would just need communications
* Refer to JU slides for Utilities perspective, by Joe Farella
* Utilities, specifically ORU are looking for industry partnership to test new M&C options.
* NYSERDA still has PON offerings for testing of M&C options
* Examples identified by utilities are not all readily available at this time
* Looking for communication aspect options as well for M&C
* Lowest price M&C option identified by utilities is $6k (PMI – Boomerang)
* Get another update on M&C by utilities in 6 months

**PV+ESS Guidelines**

* Overall, existing PV+ESS Guidelines were received well with only minor comments
* Mike Conway (Borrego) inquired about making a change to the PV+ESS Guidelines to allow AC-Coupled system to progress through the Tier 2 approach.
  + The JU’s were not comfortable with allowing Mike’s changes without additional review and discussion.
  + Overall, Solar industry did not want to delay expected publication date of 12/21/18 in order to have additional review and discussion on the suggested changes by Mike.
  + Therefore, it was preliminarily decided to move forward with the existing PV+ESS Guidelines with the couple minor modification and have it published by Friday 12/21/18 as planned.
* A phone call between PV+ESS sub-group was scheduled for the next day (Thursday 12/20/18) for any final discussions on this subject.
* The Interim PV+ESS Guidelines are therefore expected to be finalized and published on the DPS/DG website and sent around to the ITWG/IPWG group on Friday 12/21/18.
* PV + ESS sub-group plan to hold meeting in 3rd week of January to discuss (1) progress / status of Interim PV+ESS Guidelines and (2) updated ESS to-do list.

**PV+ESS Use Cases Presentation – Bill Acker**

* Refer to presentation slides for more detail and information
* Using ESS to mitigate voltage flicker s be discussed more in the near future. NYSEIA to present on this in the future.

**2019 ITWG meeting Dates:**

|  |  |  |
| --- | --- | --- |
| **Month** | **Date** | **Location** |
| Dec | 12/19/2018 | NYSERDA |
| Jan | skip |  |
| Feb | 2/27/2019 | NYSERDA |
| Mar | 3/27/2019 | DPS |
| Apr | 4/24/2019 | NYSERDA |
| May | skip |  |
| June | 6/26/2019 | DPS |
| July | skip |  |
| Aug | 8/28/2019 | NYSERDA |
| Sept | skip |  |
| Oct | 10/30/2019 | DPS |
| Nov | skip |  |
| Dec | 12/18/2019 | NYSERDA |