

## ITWG Meeting 05/15/19

### Appendix K Changes – JU presentation (Chris - National Grid)

- Appendix will address what is currently available and it does not capture all configurations that may exist in the future but does not exist now. The appendix may be updated in future as needed.
- Part 1c: Market type questions consolidated to 1c.
  - o c1
    - SI: Is the information requested in **c1** necessary? Does this affect impact study? SI does not want to be locked into a metering type and would like flexibility to change in the future.
    - NG: Metering may not be used in a study but there are more complexities involved where making this question **c1** optional may not be doable.
    - This section will need further discussion and refinement. How will this section need to be broken down?
  - o c2
    - NYSEG: What is needed exactly for **c2** NYISO market? SCADA needed? Does NYISO have a guidance document on this?
- Part 1d Merged AC/DC information into this section instead of asking in multiple sections.
  - o d2/3 will be taken out since it was already covered in D1.
  - o d4 Storage Capacity
    - NYESERDA: Ca
    - NG: If
- Part 1g/j/i/j/l taken out because information was merged in other sections or was not necessary.
- Part 1m: Ancillary load of the system
  - o All parties are OK with the change.
- Part 1n: Ramp rates (kW/s)
  - o NG: Worst case will be used if ramp not provided by developer.
  - o Ramp up and down are concerns.
- Part 1o: Symmetry (charge = discharge?)
- Part 1p: Change in power magnitude not the frequency of change. Language currently has frequency of change but it will be taken out.
- Part 1q: Operational time constraints.
- Part 1s: Control schemes and electrical configuration detail
- Part 5 Optional question.
  - o All parties are OK with changes.
- Update Appendix K with pending tasks due **June 5<sup>th</sup>**

### Voltage Flicker

- Geographic smoothing applied to time-series analysis.
- Individual project contribution should be used instead of aggregate DG on circuit within a radius.

### Material Modification Guidance Document

- Change “DG” to “DER”
- “net export” to “nameplate”
- “within CESIR period”
- “DC coupled energy storage”
- “like-for-like” to “like-kind”
- Remove “for either projects”
- Clarify “1kW or 10%”
- Draft from SI (Luke) by next Tuesday 5/21

#### **Material Modification Tariff Language**

- Draft due from National Grid (Chris)

#### **Next ITWG dates**

- June: 6/26 @ Location TBD
- August: No change in date
- October: 10/24 @ NYSERDA