**Proposed Changes to the Monthly Interconnection Report**

**Submitted by IIRG Industry Group on 11/14/2024**

**New field requests**

Add Group Study Name (NGRID implemented, 9/2024)

Add Group Study Designation (NGRID implemented, 9/2024)

Add “BESS” – *change the “Fuel Type” to “Generation” Type; the new column would be “BESS: Y/N”*

Add “Export Capacity” *– aligns report with upcoming tariff updates*

Add “Import Capacity” (for BESS) *– aligns report with upcoming tariff updates*

Add “Offered Participation in Group Study” (Y/N)

Group Study Status (Pending, Enrolled, Declined, Withdrawn, Completed)

Group Study Agreement Date (DATE)

“Offered Participation in” ASO Study (Y/N)

ASO Study Agreement Date (DATE)

Add “System Modifications” (Y/N), if YES,

* System Equipment Required (list major items from established list, including RTO, DTT, transformer, etc)
* Estimated Cost (included in ISA)
* Actual Customer Upgrade Costs
* Actual Utility Upgrade Costs
* Down Payment Date
* Full Payment Date
* Increased Headroom (Additional kW Capacity Enabled beyond project requirements; maybe more appropriate for HC maps/reports)
* Completion Date Anticipated (DATE)
* Modifications Completed (DATE)

Add “Transformer ID”

Add “Substation Name”

Add “Common Study Area”

Add “Supplemental Review Engg Hours (Actual)” – *max is 30 hours; tells us how many hours are they actually spending*

Add “Developer Name” – *populate this for developers that opt in to share their name publicly*

Add “Address” – *helps determine which segment of the feeder that a project is located on*

Add “Flexible Interconnection” – This will be useful in tracking progress as it relates to CIPs per DPU. EDCs to provide if offered Flexible IX. (Yes/<BLANK>). If yes, name type of Flexible IX (choices for the FI field below):

* Capacity Derated (by X kW (alternatively, by x% (as an average across all hours import, all hours export) or  “Max Derating %nameplate”
* Scheduled (Operational Tariff ON schedule)
* Scheduled (Operational Tariff OFF schedule)
* Variable: Utility Control: [name type] (e.g., NGrid ARI Pilot, Eversource Pilot?)
* Variable: Dynamic Local Control: [name type used] (e.g., inverter enabled Volt/VAR, EMS, etc.)

Add “Curtailment” - ARI/DERMS Max. target curtailment per year %kWh (if applicable for any FI approach)

**Other change requests**

* Consolidate options of Status field
* Make “Expedited/ Standard / Complex Project” a required field (Eversource doesn’t use this field)
* Convert “Design Capacity” into “Generation Nameplate Capacity” (include BESS discharge nameplate capacity for AC BESS)

Request that EDCs submit a spreadsheet version of their hosting capacity maps on a monthly basis. DOER could track system-wide hosting capacity availability as a key metric alongside the state’s renewable and battery installation goals. Circuit-level information to add to maps and report:

* System Planning Modifications Anticipated (Y/N), if YES,
  + Planned Equipment (list major items from established list, including RTO, DTT, transformer, etc)
  + Increased Headroom Anticipated
  + Completion Date Anticipated (DATE)
  + Modification Completed (DATE)
* Circuit Saturation (%)
* Max Export Capacity Permitted (during even infrequent adverse conditions) (MW)
* Min Load in last reading (from study or planning)(MW)
* Max Capacity (thermal loading from planning docs)(% and/or MW)
* Circuit Status (Open, Closed-In Study, Closed-Upgrades in Progress, etc)
  + We recommend clear parameters here - i.e., the Group Study was cleared to start on DATE with XXX business days to finish. Add an additional column to report if a Group Study started (e.g., in September) but then got put on hold (e.g., in December). This establishes the data point for when the study commenced with another column to show it was put on hold.
* CIP Status - includes whether a CIP has been approved and/or is proposed
* ASO Study status - whether one had been performed and when window will open for next one.