

Generation Constraint Subcommittee – Storage Working Group
Outline of Possible Deliverables
8/27/2020

- 1) “Iterative Spreadsheet” of storage characteristics (see “Draft Iterative Table – 20200827.xlsx”)
 - a. Row: Type of storage; Columns: Capacity (kW), Energy (kWh), Duration (hr), Ramp Rate (kW/min), Dispatch Lead Time (hr), Interval Data (sec), other relevant performance characteristics to resolving constraint
 - b. Perhaps \$/kW also to ensure least cost planning solution?

- 2) Qualitative discussions of each energy storage solution
 - a. Benefits and costs to resolving constraint
 - i. E.g. land-use, safety, IT, capabilities, etc.
 - ii. Build on Act 53 Report (2019) and Act 31 Report (2020)
 - b. Interconnection standards currently applicable
 - i. SGIA, 5.500, 5.100, etc.
 - ii. Build on Act 53 Report (2019) and Act 31 Report (2020)
 - c. Other topics?

- 3) Synthesis of deliverables (1) and (2) into Long Range Transmission Plan-ready content