BTM Data Resolution

Draft Motion

WECC will use the following methodology for BTM data in the 2032 ADS PCM:

1. Modeled Load “Gross” = 2032 L&R load (monthly peak and energy) + 2032 L&R monthly rooftop capacity and energy from capacity multiplied by 2018 BTM shape by area.
2. Base 2018 hourly load shape = 2018 BAA hourly shape + BAA BTM-PV Shape
   1. Considering table comparing NREL BTM-PV dGen shapes with EIA-861 capacities:
      1. Use NREL BTM-PV dGen shapes if no major discrepancies with EIA-861 capacity data.
      2. If WECC staff in collaboration with the PCDS determines significant discrepancies, EIA-861 BTM-PV capacity data will be used.
3. 2032 BTM-PV Modeling
   1. Use the 2032 capacity from the L&R (code 18) and NREL BTM Shape
   2. Model on supply side for no more than 550 generators
      1. Use distribution table to distribute each generator to the proper buses or area
      2. Confirm that modeling can be completed no later than May 20, 2022 and that using this approach will not increase GridView’s run time more than 10% for a full year (8,760 hours) dispatch
         1. Model at county level, one generator for each county and each load area within the county once methodology can be agreed upon
         2. If methodology cannot be agreed upon, model at BAA, load area, level for initial release
            1. After initial release, model at county level when methodology can be agreed upon