PJM GEN MODEL – PROPOSED CHANGES FOR 2021

1. PJM is providing a proposed high-level summary of changes to Gen Model tool to provide additional notice for applicable entities to review data requirement changes in advance of the start of the upcoming 2021 Gen Model window start and begin assembling the necessary documentation.
   a. Any additional information regarding to Gen Model not included in this summary will be included as part of an upcoming PJM PC meeting.
   b. PJM's MOD-032 Requirements and Procedures document and Gen Model User Guide are anticipated to be updated by January 2021 and a summary of proposed changes to those documents.

2. PJM Gen Model forms for 2021 will be arranged to better obtain generator information at the individual unit level as opposed to asking for some data requirements at the "Plant" "General information" form submittal level.
   a. These changes will not affect the overall submittal form to the customer. Customers can submit information of multiple generators under the same "Plant" as before.

3. Some of the additional data highlights requirements will be requested from the applicable generator:
   a. Verify the agreement information that allows the generator to interconnect.
      i. If the generator was part of the PJM queue process, identify and enter the most recent PJM Queue number associated with the current effective Interconnection Service Agreement (ISA) or Wholesale Market Participation Agreement (WMPA).
      ii. If the generator was not part of the PJM interconnection process, to confirm agreed upon generation values with respect to "Maximum Facility Output (MFO)" and "Power Factor (PF) Requirements", it is requested to attach documentation or the associated FERC website link to the unit's FERC filed interconnection agreement or a Power Purchase Agreement (PPA). If a PPA is provided, business sensitive information may be redacted as necessary).
      iii. If there is no agreement or documentation that allows the generator to interconnect to PJM provided, PJM is asking the customer to provide reasoning.
   b. Provide the assumptions for the following attributes used to determine the MFO value (as applicable) from the interconnection agreement.
      i. i.e., ambient air temperature, ambient relative humidity %, and the intake water temperature parameters
   c. Provide the EIA Generator ID Code for each generator.
   d. Confirm the PF measurement location (per the interconnection agreement)
   e. Confirm the leading and lagging Requirements per the interconnection agreement
      i. Either provide the leading and lagging MVAR or PF values
   f. Identify any Host/Process load associated with the specified generator.

4. For any questions on the proposed items mentioned above, please contact Alexandros.Lousos@pjm.com and David.Egan@pjm.com.

References:

1. Planning Center Gen Model tool: https://www.pjm.com/markets-and-operations/etools/planning-center.aspx
2. Gen Model User Guide: http://www.pjm.com/~/media/etools/planning-center/gen-model-user-guide.ashx
3. PJM's MOD-032 web page: https://www.pjm.com/planning/services-requests/planning-modeling-submission-mod-032.aspx
4. PJM's MOD-032 Requirements and Procedures document: https://www.pjm.com/-/media/planning/rtep-dev/powerflow-cases/20150630-mod-032-ss-dynamics-sc-data-requirements-reporting-procedures-v1.ashx?la=en