1.2.1 Electrical Model Responsibilities for Behind the Meter Generation (BtMG)

Consistent with Manual 14D, Appendix A (9) regarding BtMG that is 10 MW or greater or have been identified as requiring metering for operational security reasons the PJM TO operating entity (or Local Control Center – LCC – Transmission Operator) should undertake best efforts to work with the BtMG owner to provide the following information for the BtMG by submitting a completed BtMG Modeling Information Form as an eDART Network Model Request as outlined in Appendix D: BtMG Modeling Information Form:

- Provide generator location and contact information.
    - The knowledgeable party should provide path that electrically connects facility with a Bulk Electric System (BES >100 kV) substation or at minimum the transmission station for which the path connects.
        - This is the closest electrical path, or least impedance path, that is a normally closed-in path with a BES Station facility that is expected to supply this BtMG facility.
    - BtMG facility's generation typically reduce the amount of load that is supplied through the identified path from the BES station.
- Determine the feasible options for providing telemetry of generating units MW/MVAR output and status of switching devices. See Manual 14D, Appendix A for details.
    - Manual 14D, Section 4.1.7 identifies guidelines for metering/telemetry installations
    - Manual 14D, Section 4.2.3 identifies metering for individual generators
    - Manual 14D, Appendix A includes the Transmission Owner BtMG reporting and communication process

When BtMG is 10 MW or greater (or has been identified as requiring metering for operational security reasons) provide engineering data updates for generator, transmission and distribution system models to PJM and other TOs as necessary

- Provide equipment model. The information submitted for the BtMG's NERC EIA-860 list should be used as a reference by the knowledgeable party for completing the form found at: http://pjm.com/committees-and-groups/subcommittees/dms.aspx. See Appendix D for details for form completion and submission. This NERC EIA-860 submission is at the following website: http://www.eia.gov/electricity/data/eia860/ (refer to detailed data in zipped files on right side of page, "3_1_Generator" spreadsheet).