

Section 3: PJM Load Forecast Model

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Load Management, Energy Efficiency, Price Responsive Demand and Behind-the-Meter Generation

PJM incorporates assumptions of load management, energy efficiency, price responsive demand and behind-the-meter generation to supplement the base, unrestricted forecast.

For Demand Resources (DR), forecasted values for each zone are computed based on the following procedure. The forecast is based on the PJM final summer season Committed DR amount, where the Committed DR means all DR that has committed through RPM, Base Residual Auction and all Incremental Auctions, or a Fixed Resource Requirement plan.:

1. Compute the final amount of committed DR for each of the most recent three Delivery Years. ~~Committed DR includes all DR that has committed through RPM or a Fixed Resource Requirement plan.~~ Express the committed DR amount as a percentage of the zone's 50/50 forecast summer peak from the January Load Forecast Report immediately preceding the respective Delivery Year.
2. Compute the most recent three year average committed DR percentage for each zone.
3. The DR forecast for each zone shall be equal to the zone's 50/50 forecast summer peak multiplied by the result from Step 2.

The forecasted impact of approved Energy Efficiency programs equals the amount cleared in RPM auctions, and represents accelerated efficiency increases that would not otherwise occur, or would occur at a later time, without the EE program.

The impact of price responsive demand equals the amount subscribed through the RPM process. The amount subscribed for the last RPM auction year is held constant for the remainder of the forecast.

[Note: More information on behind-the-meter generation can be found in the Behind-the-Meter Generation Business Rules in the PJM Manual for Generator Operational Requirements (M-14D) posted on PJM.com.]