



Capacity and Energy Only Data Requirements		
Resource Type	Input Requirements	Data Requirements
Capacity	Next day and following six days	Availability status startup and no-load, if cost-based (If price-based, startup and no-load fees are updated biannually as detailed in Section 1 of the PJM Manual for Pre-Scheduling Operations (M-10))
	Next day and optionally for the following six days	Minimum energy Maximum energy Regulation availability Incremental price points Resource characteristics
	Next day	Must run output Whether or not to request bid acceptance notification by 4:00 p.m.
Energy only	Next day	Availability status Must run output

Exhibit 9: Capacity and Energy Resource Data Requirements

If offer data for a capacity resource is not submitted by 12:00 noon of the day before the operating day, PJM uses the offer data and resource availability previously entered into the Markets Database and considers the data a binding offer. For a more detailed description of the data, please see the PJM Markets Database Dictionary (<http://www.pjm.com/etools/downloads/emkt/market-database-data-dictionary.pdf>).

6.3.7 External Market Sellers

An External Resource is a generation resource that is located outside the metered boundaries of PJM. If an external resource is qualified as a capacity resource in PJM, then in accordance with the PJM Tariff, all external resources being offered in as capacity resources must bid into the PJM Day-ahead Market as generation resources.

For an external resource to be offered as a unit resource, a valid generator offer, which consists of a price-based schedule, is submitted in the eMKT system and a valid energy schedule is submitted in the [EES-ExSchedule](#) system.

External Market sellers report the following data for resource-specific offers, reported on the business day before the next operating day, up to seven days in advance:

- Specific generation resource (the CCPPTTUUSS reference number and resource name from The Markets Database). This number is supplied by PJM to the PJM Member upon creation of the resource in the Markets Database. If the resource is submitted at least 30 days before the bid date, see the [PJM Manual for Pre-Scheduling Operations \(M-10\)](#).
- Minimum and maximum energy for each hour



- Minimum and maximum generation for each hour
- Minimum and maximum run times
- Resource availability for each hour
- Availability of regulation upper and lower energy limits for each hour
- Response and constraint data
- Whether or not to use start-up and no-load fees

The Network Customer may request Network External Designated transmission service for the delivery of a designated network resource. Requests for service are subject to Available Transmission Capability (ATC) and other PJM Regional Practices (http://pjm.com/~media/etools/oasis/20130612-Regional_Practices-clean-pdf.ashx). Energy Scheduling ([EES-ExSchedule](#) and eTag) Requirements:

A valid NERC eTag is required for all hours that the external resource will be bid into PJM. The firm OASIS reservation assigned to the external resource shall be linked to the tag. The tag will also have a special exception attached in the form of the Token/Value pair: "EXCEPTION"/"CAPBACK", and the tag will be subject to PJM interchange ramp limits.

6.3.7.1 Day-ahead Market between 1200 and 1600

As specified in the Energy Market Business Rules, Bidding and Operations Timeline section, all bids must be received by 12:00 noon. From 12:00 noon to 4:00 p.m. (ET), the bids will be evaluated. Results will be posted in the eMKT system at 4:00 p.m. (ET). External Capacity Participants will be required to check the eMKT system to see if the bid has been accepted.

For bids accepted in the Day-ahead Market, External Capacity Participants may submit adjustments to the hourly profile of their tag in order to avoid balancing market MW deviations.

6.3.7.2 Rebidding Period between 1600 and 1800

If the unit is accepted in the Reliability Run, External Capacity Participants will be required to submit a NERC eTag that matches the hourly energy profile.

If the bid is not accepted in the Day-ahead Market the participant may choose to either modify an already existing tag to zero (0) MW, or take no action.

If the participant wishes to schedule the resource as a self-scheduled/must run unit they may choose to do so and must submit an eTag. The participant must also notify the PJM Generation Dispatcher that the unit is being self-scheduled into PJM as a contract.