

Reliability Backstop

As required in Section 16.3 (a)(ii), Attachment DD of the PJM OATT, PJM will total the committed Unforced Capacity of all Base Load Generation Resources in a BRA for a Delivery Year and compare that total with the most recent forecasted minimum hourly load for such Delivery Year. Should a shortfall occur, the Office of the Interconnection will investigate the cause. If such a shortfall occurs for three consecutive Delivery Years, the Office of the Interconnection shall declare a capacity shortage and make a filing with FERC for approval to conduct a Reliability Backstop Auction. Upon receipt of such approval, the Office of the Interconnection will conduct a Reliability Backstop Auction in accordance with Section 16.4 of the Tariff.

Definition of Base Load Generation Resources

For the purposes of this Reliability Backstop check, PJM determines whether a resource meets the definition of Base Load status through the following process:

- 1 | PJM gathers the most recent 2 full calendar years of hourly performance data submitted to GADS by resource owners.
- 2 | This data is filtered so that only Nuclear, Combined Cycle and Steam-Coal units are considered for Base Load status, as determined by PJM.
- 3 | Applicable units are assigned Base Load status when their operating percentage of available Hours exceeds 90%. This is calculated by dividing total service hours by available hours over the two-year period. Available hours are any hours when the resource is not on an outage, either planned or unplanned. Service hours are defined as hours when the resource is synchronized to the grid and providing energy.
- 4 | RPM Resources that are classified as Base Load are then compared with the cleared Resource List in the BRA to determine total UCAP cleared for each category.

Base Load Generation Resources Committed in 27/28 BRA vs. Minimum Load Projected in 2027/2028 DY

Minimum Load Forecast	Base Load Generation Resources Cleared (UCAP)	Surplus/Deficit
2027/2028 Delivery Year PJM <i>(Includes RPM only)</i> 68,866 MW	2027/2028 Delivery Year PJM <i>(Includes RPM only)</i> 66,337 MW	2027/2028 Delivery Year PJM <i>(Includes RPM only)</i> (2,529) MW