

Seasonal Conditional Demand Factor for Use in the Day-Ahead Scheduling Reserve Requirement

When a Hot or Cold Weather Alert or escalating emergency procedures are in effect for an operating day, PJM will increase the Day-ahead Scheduling Reserve requirement for that day by the difference between forecasted real-time load and Adjusted Fixed Demand in order to ensure the day-ahead market clears sufficient generation to meet projected real-time load and reserve requirements.

The Seasonal Conditional Demand Factor is used in the calculation of the Adjusted Fixed Demand to scale up the amount of Fixed Demand Bids actually submitted for that operating day by the average percentage of additional net demand that has historically cleared from the net of price sensitive demand bids, decrement bids and increment offers during peak hours (conditional demand).

The Seasonal Conditional Demand Factor will be calculated separately for the winter and summer seasons. The Seasonal Conditional Demand Factors are as follows:

Year	Winter (November through March)	Summer (April through October)
November 2019 – October 2020	2.95%	3.19%
November 2020 – October 2021	2.12%	4.72%
November 2021 – October 2022	5.84%	4.06%

Additional information on the calculation and application of the Seasonal Conditional Demand Factor can be found in Manual 11, Section 11.2.1: Day-Ahead Scheduling Reserve Market Reserve Requirement.