



2023/24 Winter Weekly Reserve Target (WWRT)

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Resource Adequacy Planning
Operating Committee
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WWRT – Winter Weekly Reserve Target

IRM – Installed Reserve Margin

RRS – Reserve Requirement Study

LOLE – Loss of Load Expectation

DY – Delivery Year

FPR – Forecast Pool Requirement (IRM converted to units of unforced capacity for use in the RPM auctions)

- **Background**

- WWRT is part of the Reserve Requirement Study (RRS), which also provides values for the Installed Reserve Margin (IRM) and the Forecast Pool Requirement (FPR)
- WWRT values are supplied to the PJM Operations Department so that they can be used to coordinate planned outages scheduling during the upcoming winter period

- **Objective**

- Cover against uncertainties associated with load and forced outages during the winter months so that the calculated winter LOLE is practically zero

- Procedure

- Step 1: Set up an IRM case with total LOLE = 0.1 days/year.
- Step 2: In addition to the required planned outage schedule, simulate additional planned outages during each week of the three winter months until the annual LOLE is worse than 0.1 days/year.
- Step 3: Calculate the available reserves in each of the winter weeks as a percentage of the corresponding monthly peak.
- Step 4: The WWRT for each month is the highest weekly reserve percentage (rounded up to the next integer value).



2023/24 Winter Weekly Reserve Targets

Month	% Available Reserves	WWRT (Max Monthly % Available Reserves)
December	14.78%	28%
	27.23%	
	8.97%	
	12.70%	
January	29.77%	30%
	4.37%	
	21.08%	
	24.43%	
February	19.39%	25%
	24.50%	
	23.24%	
	17.62%	

Last year's values were:

December: 21%
 January: 27%
 February: 23%

- Winter Weekly Reserve Target values for 2023/24

Month	WWRT
December 2023	28%
January 2024	30%
February 2024	25%

- Second read and endorsement request will occur at the November OC meeting
- The WWRT values are also being discussed at the Planning Committee

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**2023/24 Winter Weekly Reserve Target
(WWRT)**



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