

Problem Statement

Day-Ahead Scheduling Reserve Market Eligibility

Problem / Opportunity Statement

Current rule for Day-Ahead Scheduling Reserve (DASR) Market eligibility does not prevent any resource from clearing DASR even though such resources cannot fulfil the DASR obligations in real time.

Resources types such as Nuclear units, Hydro units, Wind units, and Solar units cannot reliably provide DASR as such units will be modifying their Economic Minimum and Economic Maximum based on their Day-Ahead scheduled MW or their forecasted generation in real time based on real time weather condition. Non-energy resources such as regulation only resources do not have capability to provide the obligations of DASR for entire hour.

If above mentioned resource types are made ineligible to provide DASR MWs, Day-ahead Market can clear DASR MWs from resources that can reliably provide DASR obligations in real time.