



Cold Weather Resource Operational Exercise Next Steps

July 7, 2015
Operating Committee

Topic	Status Quo
Exercise Period	Month of December
Exercise Temp.	If projected temperature is > 35° F, PJM may elect to cancel
Exercise Time	Approximately 0600 hours – 1200 hours weekdays
Exercise MW	Amount of generation to be exercised limited to approximately 1000 MW daily
Exercise Type	Start-up unit and operate at economic minimum for minimum run time
Eligible Units	<ul style="list-style-type: none"> • Participation is optional • Units that have not run at all or those that have not run on their alternate fuel for the eight weeks prior to 11/1 • Eligibility reviewed every two weeks • Nuclear powered, wind turbines, hydro powered, and large super critical steam generation resources excluded • All compensation based on cost schedule
Number of Compensated start attempts	Not defined

Survey Results:

Do you prefer to eliminate the Cold Weather Generation Exercise program?

Retain Program: 116

Eliminate Program: 3

Do you prefer the Cold Weather Generation Exercise program to remain as is?

Maintain Status Quo: 93

Make a change: 26

Positive feedback:

- Program should remain voluntary
- Provided significant reliability benefits
- Results were valuable
- Do not make any changes
- Program worked great

- **Expand exercise period from 12/1-12/31 to 11/1 – 1/15**
- **Expand temperature range from 35° to 40° in southern zones only**
- Expand allowable testing times to match gas day 0600 – 1200 hrs. to 0001 – 1000 hrs.
- Review eligibility more frequently from biweekly to weekly
- **Allow more megawatts per day – current cutoff 1,000 MW/day**

- **Provide clarity around combined cycle offers and compensation**
- Do not settle the units day ahead
- Review type of units that have cold weather problems and concentrate on those
- Units take on unnecessary risks by participating
- Data inconclusive to indicate that the improved performance justified the cost
- Emphasize the use of the Cold Weather Checklist

- 7/7/2015 OC Meeting: Feedback on specific “Suggestions for criteria changes” (highlighted on slides 4 and 5)
- 7/7/2015 OC Meeting: Finalize proposed M14D revisions with agreed upon enhancements
- Proposed M14D schedule:
 - Manual changes first read: July OC and MRC
 - Manual changes endorsement: August OC and MRC
 - Effective date of changes: September 1, 2015

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