
From: Gopi Biju
Sent: January 22, 2007 12:38 PM
To: Gopi Biju
Subject: NPCC Posting of "A-06, Operating Reserve Criteria" document for comments.
Importance: High

IESO Communication on Standards – Loads as Synchronized Reserves.

NPCC has posted the [A-06, Operating Reserve Criteria](#) document, for review and comments on changes made to the document, through its [open-process mechanism](#). This document establishes standard terminology and minimum requirements governing the amount, availability, distribution, and shared activation of operating reserves.

The NPCC Task Force on Coordination of Operation (TFCO), after being prompted by requests from loads within NPCC, conducted a review of the potential use of dispatchable / interruptible load in providing synchronized reserve. The TFCO reviews concluded that allowing loads to supply the synchronized portion of the 10-minute reserve requirement would **not** have a detrimental impact on the reliability of the Eastern Interconnection and hence have revised the existing definition of synchronized reserve thus allowing loads to participate in this process.

Apart from definition changes, key changes to the document include adding a section on resource specific requirements which includes the following points:

1. Synchronized Reserve, Ten Minute Reserve, and Thirty Minute Reserve cannot be provided from loads where the same capacity is included in demand response programs and would result in double counting the same capacity.
2. Loads cannot provide Synchronized Reserve if the reduction in load is dependent on starting a generator to replace energy that is supplied from the grid.
3. To be eligible to provide Synchronized Reserve, Ten Minute Reserve, or Thirty Minute Reserve, the Resource shall meet the metering and testing requirements of the relevant Area(s).
4. To be eligible to provide Synchronized Reserve, Ten Minute reserve, or Thirty Minute Reserve, the Resource shall continuously meet the dispatch instruction requirements of the relevant Area(s).

5. To be eligible to provide Synchronized Reserve, Ten Minute reserve, or Thirty Minute Reserve, the Resource shall meet the requirements specified by the relevant Area(s) for operating limits and response rate, so that available reserve shall be computed accurately.

Please review the documents along with the suggested changes and provide your comments and/or concerns, either to the IESO or to NPCC directly. In order to better understand the impacts of these criteria document changes and share concerns or comments if any, a conference call or a meeting group could be facilitated by the IESO if required. Please note that in order to facilitate our responses to NPCC by the due date, your **comments and suggestions are due to the IESO by February 16th**. We strongly encourage you to participate in these discussions. Also, please let us know if you require additional information or clarification.

Regards,

Biju Gopi,
Reliability Standards & Assessments,
Independent Electricity System Operator,