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IESO-MISO Scheduling Protocol – Seam Improvement

Prepared for IJT Meeting December 7, 2006

Discussion

- Current Method of MISO Transmission Service Release and IESO pre-dispatch timing
- Current Seam Issue
- Recommended Action
- Results

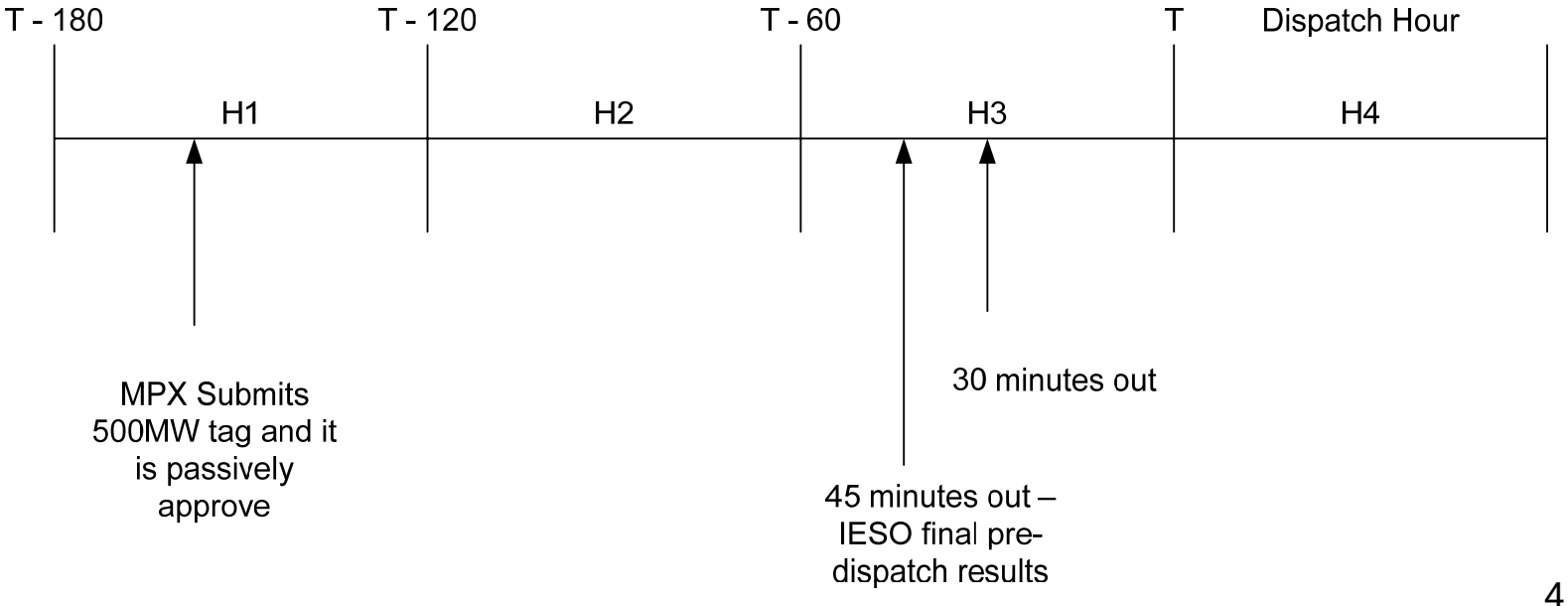
Current Scheduling Method

- MISO
  - MISO transmission service release
    - MISO calculates Available Transmission Capacity (ATC) for release of non-firm transmission service at approximately T-30 using e-tag data
- IESO
  - IESO Pre-dispatch Timing
    - Final pre-dispatch results typically at T-45 and relevant e-tags adjusted accordingly by participants

Seam Issue

Seam Issue:

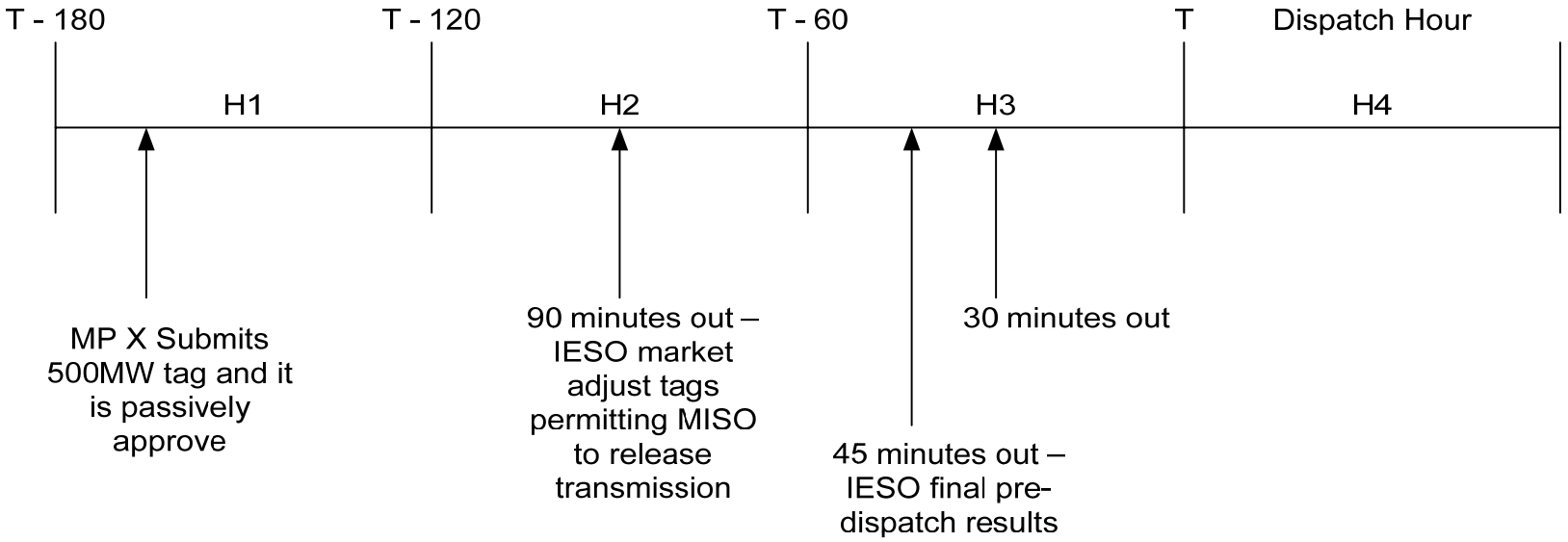
- Currently tag adjustment at T-30 with subsequent transmission release
- Example: MP X has purchased 500 MW of transmission service and MP Y has none. At T-45 the IESO PD indicated MP X was scheduled for 200MW and MP Y was scheduled for 150. MP X adjusted the tag by T-30 which provides insufficient time for MP Y to submit an e-tag and acquire the newly available service. MP Y receives no transmission service.



Recommended Action

Proposed timing change:

- Propose to market adjust submitted e-tags at T-90 (after pre-dispatch run) to facilitate MISO transmission scheduling
- Example: Participant X has purchased 500 MW of transmission service but got scheduled in the IESO energy market for 200 MW and MP Y for 150. At T-90 the IESO will market adjust MP X's tag to 200 MW permitting the MISO to re-calculate the ATC for the dispatch hour and allowing MP Y to purchase the transmission service and subsequently get scheduled in the market during the IESO's final pre-dispatch run at T-45.



Recommended Action – con'

Process:

- Using the market adjust feature on e-tag
- MISO have confirmed the feasibility of this action
- No tool issues with the MISO
- Automated process by the IESO

Results

- Improved reliability (energy making market)
- Improved market efficiency (seam issue)