

# Overview of the Enhanced Day-Ahead Commitment Process

Presentation to Stakeholder Advisory Committee

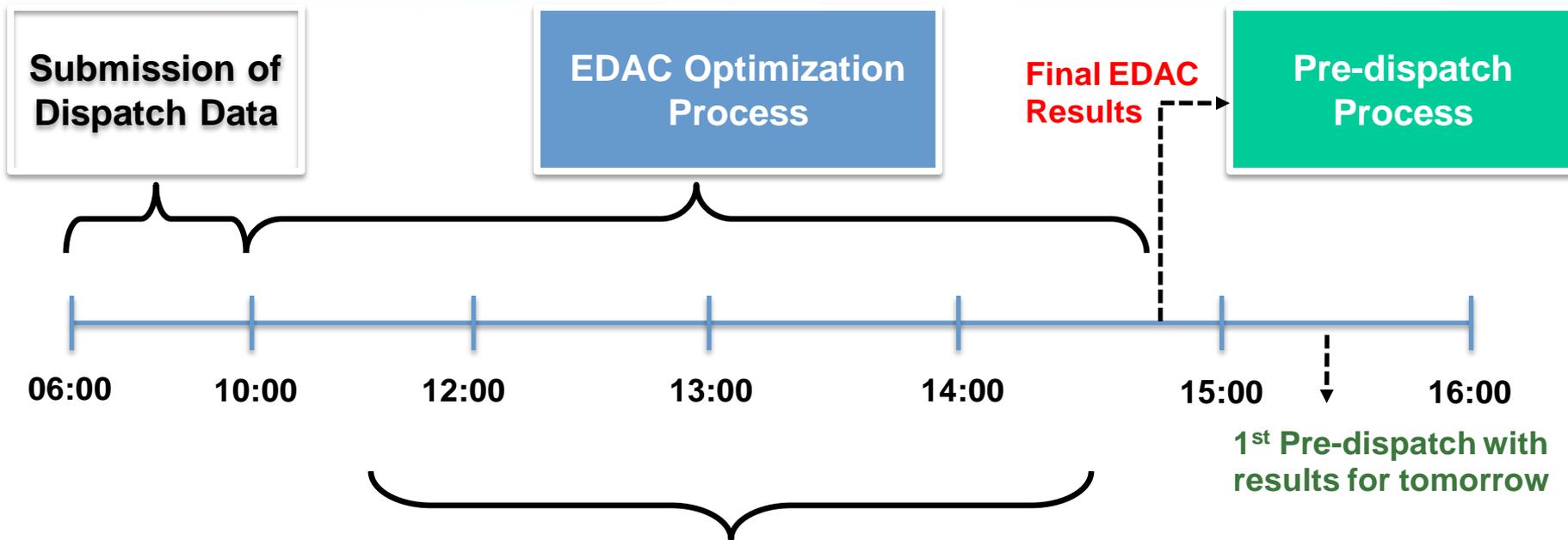
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The IESO's current DACP was put into service in June 2006 and provides a mechanism for:

- Developing a dependable view of the next day's available supply and anticipated Ontario demand
- Committing certain dispatchable generators the day before dispatch in return for a financial guarantee
- Scheduling imports economically the day before dispatch in return for a financial guarantee

- Optimizes energy and operating reserve over a 24 hour dispatch day
  - Compared to today's "myopic" one hour at a time approach to scheduling
- Optimizes using 'total' costs for committable generators (start-up, speed-no-load, and incremental energy costs via three-part offers)
  - Compared to today's "after the fact" submission of start-up costs
- Revised cost guarantees
  - Eligible generators are guaranteed the day ahead as offered cost for the full day-ahead schedule – all MWs, all hours with a schedule, but withdrawal charges may apply
- Inclusion of all intertie transactions in day-ahead scheduling with appropriate failure charges



- Multiple calculation runs
- Energy limited resources have one opportunity to resubmit data
- Results published after each run

- Technical limitations can be updated daily to meet changing needs of participants (e.g., Minimum Load Point and run times)
- Pseudo unit modeling of combined cycle plants for improved offering and scheduling
- Commitment of Steam Turbine will automatically reflect configuration of Combustion Turbines, removing the burden of manual processes for participants and IESO control room staff

- On track for an October 12, 2011 In-Service date
- Currently in the final stages of testing, i.e., Market Trials and External Review, along with defect repair and regression testing
- Stakeholders have been fully engaged through various working groups, SE-73 Market Trials Working Group being the current focus

- Market Rules Amendments – EDAC Errata
  - August 2011 Technical Panel vote
- Ongoing market participant training available starting September 2011
- Stakeholder Communication
  - Release plan available for comment
  - IESO weekly bulletin and targeted communication
  - Coordination with other IESO projects in service
- IESO Board – September 9, 2011
  - Declare EDAC In-Service date of October 12, 2011

