

EDAC

Operations Detailed Design

SE-73: Operations Design Working Group
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- Introduction
- Operations Detailed Design Scope
- Registration Requirements for Enhanced DACP
- Data Submission Timeline
- Initialization & Optimization
- Real-time Integration
- Reports & Notifications

- The EDAC functionality was discussed with stakeholders during a series of meetings to receive stakeholder advice on issues impacting business requirements
- The material presented to the stakeholders was summarized in a meeting held on July 8, 2009
- Stakeholders requested that the IESO produce a comprehensive detailed design document to provide a single source for information relating to the operation of EDAC

- The Operations Detailed Design provides a functional overview of the EDAC operations processes. These processes are described in detail and include market facing impacts to the extent these are known.
- The following functions are in scope:
 1. Facility Registration
 2. Data Submission
 3. EDAC Optimization – running the calculation engine
 4. Integration of EDAC results

- The following are out of scope of the EDAC Operations Detailed Design document:
 1. Settlements Detailed Design
 2. EDAC Calculation Engine Detailed Design
 3. EDAC procedures
 4. Technical Interfaces
 5. Report Specifications
 6. Existing functions that are not impacted by EDAC

- Dispatchable Generator requirements (*section 3.1*)
 - MLP, MGBRT, ETD, DCHD
- CCP and PSU specific requirements (*section 3.2*)
 - CT and ST relationship, ST MLP, ST share, Duct Firing
- IESO Validation and Actions Taken (*section 3.3*)
 - Validation of registration quantities
 - Determination of EELR, Quick Start and DA-PCG eligibility
 - MLP & MGBRT Tolerance

- Dispatch Data Prior to 10 EST (*section 4.1.2*)
- Dispatch Data After 10 EST (*section 4.1.3*)
- Establishing ADE (*section 4.1.4*)
- Daily Generator Data (*section 4.2*)
 - Data quantities (*sections 4.2.1 – 4.2.4*)
 - PSU related (*section 4.2.6*)
 - Submission approval (*section 4.2.8*)
- AGC, SMO and Linked Wheels (*sections 4.3-4.5*)
- Actions taken by IESO based on MP submissions (*section 4.6*)

- IHO, HE1 ramp rate and MGBRT treatment (*section 5.1*)
- Optimization Overview (*section 5.2*)
- DACE Initial Run (*section 5.3*)
- Re-run Criteria (*section 5.4*)
- DACP Completion and SOR (*section 5.5*)

- DACP Commitments in RT (*section 6.1*)
- De-commitment and Withdrawal (*section 6.2*)
- PSU offer treatment (*section 6.4*)

- Public Reports (*section 7.2.1*)
- Private Reports (*section 7.2.2*)
- Schedule of Record (*section 7.3*)
- Contingency based market-facing notifications (*section 7.4*)