

General Comments

- Consistency – Use the same terms throughout the manuals to prevent confusion. Examples:
 - There are many references to both “EDAC” and “DACP “.
 - References to current day and next day are sometimes called dispatch day 0/day 1, predispatch day/next day etc.
 - Some acronyms are used before they are defined.
 - DACP Schedule of Record, Schedule of Record, SOR, Day-Ahead Schedule of Record, DA Schedule of Record – These all refer to the same thing.
 - DACE is often called by other names such as “optimization algorithm”
- As noted in the meeting, references to current DACP should be removed.
- Preference is procedural steps over “swim lane” diagrams.

Comments accepted. The manuals will be revised to address these comments.

For consistency, the following terms will be used:

- *Day-ahead – referring to the current dispatch day and the day when the day-ahead commitment process is run for the next day*
- *Dispatch Day – defined in the market rules as a period from midnight EST to the following midnight EST*
- *Next day – referring to the day following the current dispatch day*
- *DACP Schedule of Record*

References to EDAC and to the current DACP will be removed.

Manual 9.0 – Overview

- Section 3.2
 - page 5:
 - This would be a good place to introduce DACE acronym.
 - 2nd last paragraph: *We will provide eligible energy-limited resources ~~are~~ a one hour window*
 - Page 6:
 - Item e. refers to current DACP.

Comments accepted. The manual will be revised to reflect these comments.

- *Page 5 - DACE acronym will be introduced*
- *Page 5 - 2nd last paragraph – the word “are” will be replaced with the word “with”*
- *Page 6 - item e. – references to the current DACP will be removed.*

Manual 9.1 – Registration

- Section 5.1

- Page 7:
 - Gap in last paragraph.

Comment accepted. The extra line space will be removed.

- Section 5.1.2
 - Page 10:
 - I believe you mean to say MGBRT in this sentence: *Also, during registration we will use the registered **MLP** in determining DA-PCG eligibility.*

Comment accepted. The reference to MLP will be replaced with MGBRT.

- Section 5.2.2
 - Page 16:
 - Define **i** in the equation.

*Comment accepted. The *i* represents an index for the steam turbine MLP to indicate its relationship to the combined cycle plant configuration. The *i* is defined as a variable $2 \leq i \leq n$, where *n* is the number of combustion turbines at the combined cycle plant.*

- Section 5.2.3
 - Page 17:
 - Since each percentage value can only have 1 decimal place and all percentages must equal 100.0%, it may be worth mentioning how uneven numbers should be handled or rounded for registration. For example: 3 units with 33.3 percent = 99.9

The ST shares of the pseudo unit must equal 100%. The market participant submitting the registration information is required to submit shares that equal 100%. In the example provided where the ST is shared equally by three pseudo units, the shares would be 33.3% + 33.3% + 33.4% = 100%. One of the shares would have to be adjusted to 33.4% to ensure that the total is 100%.

- Section 5.2.4
 - Page 17:
 - Specify **ST MGC** in the formula for consistency.

Comment accepted. ST MGC will be specified in the formula.

Manual 9.2 – Submitting Operational/Market Data

- Section 4.1
 - Page 5:
 - MMCP is not defined in this document.

Comment accepted. The acronym will be spelled out where it is used for the first time. MMCP is a defined term in the market rules.

- Section 5.1.2
 - Page 9:
 - Start-Up Cost and Speed No-Load cost should be defined here.
- Section 5.2.1, 5.2.2

Start-Up Cost and Speed No-Load cost are defined in sections 5.1.2.1 and 5.1.2.2.

- Page 22:
 - References to DAO – Is this an acronym for Day Ahead Office?

Comment accepted. DAO refers to the DACP Operator. The term will be spelled out in the next revision.

- Section 5.2.6
 - Page 25:
 - Define i in the equation.

Comment accepted. The i represents an index for the steam turbine MLP to indicate its relationship to the combined cycle plant configuration. The i is defined as a variable $2 \leq i \leq n$, where n is the number of combustion turbines at the combined cycle plant.

Manual 9.3 – Operation of the DACP

- Section 4.1.1
 - Page 4:
 - What is “Contract Manager”?

Contract Manager is the software application used by the IESO to apply contracts including constraints to resources for use in the DSO and DACE. References to this tool are not appropriate in an external market manual and will be removed in the next revision.

- Section 4.3
 - Page 6:
 - “Commitment and scheduling” are listed as DACE functions, but the difference between the two is unclear in the text that follows: “Commitment refers to the economic scheduling...”

The DACE produces schedules for all economic resources. The schedules for not quick start generation facilities are considered commitments in that these resources are eligible for day-ahead guarantees. The IESO turns these commitments into a constraint in pre-dispatch to ensure that the resource is scheduled to at least its minimum loading point for all hours that it received a day-ahead commitment.

- Page 10:
 - The Cost per interval formula at bottom of the page looks like it may need an additional set of brackets if the whole result is to be divided by 12.

This section will be revised to be consistent with the level of detail in the Market Design. The formula will be removed.

- The example referred to (Section 5.2.4.1) does not appear to exist in this document.

This section will be revised to be consistent with the level of detail in the Market Design. The reference to the example will be removed.

- Section 4.4.3

- Page 14:
 - Title could use clarification: “Subsequent Run for Rerun Criteria”

A subsequent run is a DACE run in addition to the optimization and EELR runs when the re-run criteria are met. This is explained in section 4.4.3. The subsequent run language is used consistently throughout the document and is used in notifications when the re-run criteria are met.

- “latest time possible to initiate a DACE run and still publish DACP results by 15:00” - It would be more useful to have an actual deadline, as we do not know how much time IESO needs to be able to publish results by 15:00.

Agreed. However we will not know what this time is until testing is complete.

- Section 4.5

- Page 14:
 - There is some repetition in this section. Suggest bullet points to clearly define success/failure conditions.

Comment accepted. The section will be revised to remove the repetition and to add the suggested bullet points.

- Does Footnote #2 only apply to the draft version of the manual?

The footnote will be removed when testing is complete. At that time we will have a better understanding of the performance of the systems and will finalize all times in the market manual.

- Section 4.6

- Page 15:
 - First paragraph, define what is meant by “scheduled to no less than certain levels”.

Comment accepted. This is existing language in market manual 9. The term “certain levels” will be replaced with “required levels”. This covers reliability constraints where we may require either a minimum, fixed or maximum constraint.

- Section 4.6.1
 - Page 15:
 - Is a “least-cost evaluation” based on all submitted data (3 part offers)?

Yes. The least cost evaluation will be based on submitted dispatch data including 3 part offers. This will be done to the extent possible using manual calculations.

- Section 4.6.2
 - Page 15:
 - Is the DACP Commitments Report the same thing as the Schedule of Record?

No. The DACP Commitments Report will not be issued until after 15:00 when constraints are applied to resources committed during the DACP. The DACP Schedule of Record is comprised of the Day-Ahead Scheduled Energy Reports and the Day-Ahead Check/Source ADE Reports.

- Section 4.7,4.7.1
 - Page 16:
 - There are references to DACP commitments, commitment actions, and constraints. It would be clearer to choose one term.

Comment accepted. The term “constraints: will be used throughout this section.

- Section 4.8
 - Page 16:
 - In the overview section, a link to the reports site would be useful. There should be a mention of private reports along with the public reports mention.

Comment accepted. A reference to private reports will be added. A hyperlink to the IESO report site will be added.

- Section 4.8.3
 - Page 18:
 - Refers to changes in reporting requirements. Should be reworded, perhaps with a reference to the appropriate TR document.

Comment accepted. The reference to the Transmission Rights reports will be removed as these reports are not changing as a result of the EDAC project.

- Section 4.8.4
 - Pages 19-21:

- 1st column of table refers to a report number that is not present.
- To reduce clutter in report description, it may help to have two additional columns: one indicating whether it is a public/private report, and another that says when the report will be published.
- Verify that these are the correct names for the reports, and perhaps show the folder name for the reports site.
- Which report in the list is the Schedule of Record?

Comment accepted.

- *The report number reference in the first column will be removed.*
- *The reports will be grouped in the table by public and private reports. All reports are published following each successful run of the DACE with the exception of the Day-Ahead Commitments Report and the IOG Settlement Details Report*
- *The report names were verified as correct. A link to the IESO report site will be provided in section 4.8.*
- *The DACP Schedule of Record is comprised of the Day-Ahead Scheduled Energy Reports and the Day-Ahead Check/Source ADE Reports.*
- Section 4.10.4
 - Page 22:
 - Can we add that the notification should be published on the current day (Day 0) and next day (Day 1) SSRs. On previous failures there has been control room confusion about whether to send a notification on the current or next day SSR.

DACP notifications (unless they relate to adequacy) will be issued using the Market Participant Interface (MPI). The notifications will also be posted on the IESO website. Notifications on the MPI will clearly state the day that they relate to.

Manual 9.4 – Real-Time Integration

- Section 4.3
 - Page 7:
 - 1st bullet – Use PD-1 for consistency.

Comment accepted. PD-1 will be inserted for consistency.

- Section 4.3.1, 4.3.2
 - Page 8:
 - There are references to eligibility for fuel cost compensation and PCG proration for decommitments beyond MP control. These seem like they should be closer together and more clearly defined.

The details of the settlements treatment of decommitments will be covered in detail in part 9.5 of market manual 9.

- Section 4.4
 - Page 8:
 - 2nd paragraph refers to current process.

Comment accepted. The paragraph will be revised to remove the reference to the current process.

- Section 4.5
 - Page 9:
 - PSU explanations look like they should be in the PSU section (4.5.1).

Comment accepted. The information relating to pseudo units in section 4.5 will be moved to section 4.5.1.