

Minutes of Meeting EDAC - Project Advisory Group

Date held: Jan 24, 2011	Time held: 9:00 to 12:00	Location: Clarkson Viewing Gallery
Invited/Attended	Company Name	Attendance Status (A)ttended; (R)egrets; (S)ubstitute
Cary, Rob	Sithe Global	R
Kerr, Paul	Shell Energy	Telephone
Lin, Jane	GTAA	R
Maddix, Melanie	Sithe Global	A
Harwood, Shane	Sithe Global	R
Shah, Sushil	OPGI	A
Chang, Monica	OPGI	R
Walker, Phil	OPGI	A
Peterson, David	OPGI	A
Sikstrom, Matt	OPGI	R
Windsor, John	Emera Energy	A
Cook, Michael	Emera Energy	A
Ikezawa, Kaz	Mitsui	A
Makoto, Ando	Mitsui	A
Hossie, Scott	TransAlta	A
Kuntz, Margaret	TransCanada Energy	A
Jayapalan, Jennifer	Portlands	A
Mackenzie, John	OPA	A
Spitters, Richard	Wattsworth	T
Veldhuizen, Jon	Thorold Cogen	A
Plante, Matthieu	HQ	T
Vennes, Yannick	HQ	T
Abid, Tibby	IESO	A
Wright-Hilbig, Rhonda	IESO	A
Berry, Scott	IESO	A
Marcia Thomas	IESO	A
Kamstra, Pat	IESO	A
Romeo, Rick	IESO	A

The meeting minutes when finalized will be posted on the IESO web site at:

http://ieso.ca/imoweb/consult/consult_se73-pag.asp

Summary of Meeting Discussion

Item 1 Introduction and Review of Agenda

Tibby Abid introduced himself as Chairman of the meeting and welcomed the EDAC Project Advisory Group members and invited them to introduce themselves.

Tibby reviewed the agenda items and asked if there were any additional items the members wished to discuss. No new items were proposed for the agenda.

Item 2 Review of Minutes and Action Items from November 30, 2010 Meeting

Tibby reviewed the draft minutes from the PAG meeting on November 30, 2010.

No additional changes were suggested to the latest posted version of the minutes and the PAG members declared the minutes of the November 30th meeting final.

Tibby reviewed the list of open Action Items appended to the November 30, 2010 minutes. As a result of this review, the status of the action items was updated as per the table below.

Action Item	Status
43	Closed
44	Closed
45	Open
46	Closed
47	Closed

Item 3 Project Status Update

Tibby provided an overview of the project's status to date. He began by confirming that the project continues to be on schedule. IESO Business Process Integration Testing (BPIT) formally began January 17th however inputs into the BPIT process have been collected from PAG members since the beginning of December. Registration and Enrolment data have been collected from eight PAG members and fed into the test systems. Tibby thanked all those who submitted data in support of testing. Approximately 50% of the Enrolment portion of BPIT has been completed with the remainder awaiting the delivery of additional functionality in the new Customer Data Management system (CDMS). As of January 24th thirty percent of BPIT testing had been completed. BPIT testing is targeted to be completed by mid February. Test Cases for Settlements BPIT testing are currently in development and are scheduled to be completed by mid February.

A PAG member asked if there was a possibility that the overall EDAC schedule and implementation date could be advance. The IESO responded that we had just begun testing of internal business processes and that there were significant milestones yet to be achieved. Commenting on the possibility of advancing the schedule would be premature at this point.

In January the IESO initiated a series of face to face meetings with market participants who will be impacted by the changes due to EDAC. The objective for the discussions is to ensure that those affected are familiar with the new and modified Day Ahead Commitment requirements, processes and systems that will come into service. It also provides an opportunity to discuss any support organizations may require to ensure the transition to the new processes is timely and as seamless as possible. To date we have completed 5 of a scheduled 18 visits. Participant feedback has been very positive at all the sessions.

Item 4 Update on EDAC connectivity testing for API users

Tibby provided an update on Connectivity testing for API users. This connectivity testing is pertinent to all current API users or those who plan on adopting API within the EDAC project timeline.

Participants will need a new password for the upgraded IESO Sandbox. Current Sandbox access will not allow access to the upgraded EDAC Test Sandbox. Participants need to let us know their current user id, password, IP address and phone number to receive a new password. The password will be conveyed to participants over the phone. If participants have a requirement for new users they must apply through the normal channels in Market Entry for a new user ID. An IESO email to PAG members sent on Friday the 21st of January has the details for sign up.

IESO will be releasing the new IESO Developer Kit (IDK) to the IESO Sandbox environment by the end of January 2011. The purpose of this release is to provide the environment to market participants to test their systems with the EDAC version of the MIM API.

The EDAC version of the MIM API includes changes that were discussed as part of [Stakeholder Consultation 87](#) and includes:

- Changes to the [RTEM Three-Part Offer Template Technical Interface](#)
- A new [DACP Valid DGD Technical Interfaces](#)
- Changes to the authentication mechanism to remove PKI Certificate requirements ([Replacing PKI Digital Certificate Requirement](#))

At this stage only the MIM API is being released on IESO Sandbox . The Market Participant Interface will be released at a later date in time to support Market Trials.

Once connectivity testing is completed more functionality will be added to the sandbox, so new passwords will be required for Market Trials testing. You can start making password requests to the IESO immediately.

Item 5 IESO's Internal Testing Summary

This agenda item was moved forward on the agenda to provide better context for the next agenda item addressed by Marcia Thomas. Tibby reviewed the information on the IESO's internal test summary document. The document was posted on the PAG stakeholder site and is available through the PAG portal site.

Tibby reviewed the communication protocol pertaining to this document. The document will be a public IESO document shared under version control. The information that will be shared in this document is from an IESO business process perspective. The document includes test cases for Registration, Operations (Initialization and Optimization), Settlements and Settlements Test Results.

The Purpose and Scope of the document were reviewed. Within the scope description it was emphasized that only those test cases that are proprietary to the IESO will be shared. Any test cases that were used by IESO vendors for testing cannot be shared. The IESO has awarded an external contractor the task of performing an independent review of implementation compliance. The same contractor that performed the design review in 2009/2010 will perform the technical review. This will provide Market Participants assurance that the functionality in processes and systems is in keeping with the design and Market Rules.

A PAG member asked if generic data will be available to all participants to run through their own shadow settlement systems. The IESO responded that generic information would be made available.

Tibby reviewed Registration test cases E-001 through E-0024 in Section 2.1. He then went on to briefly review the 22 test cases from Section 2.2, the Initialization Section, the 26 test cases from Section 2.3, the Optimization Section and the 8 test cases from Section 2.4, the Real Time Section.

Section 3, Settlements Test Cases, is in development with posting of the test cases pending. In this Section there will be 2 categories of test cases: Technical System test cases and User Acceptance test cases. No data from test cases will be shared if there is the possibility of that information breaching any participant's confidentiality.

ACTION ITEM 48: A PAG member suggested adding "using the pseudo unit model." to the end of the E-022 Test Case Description so the sentence would now read, "Market Entry records the Combined Cycle Plant as no longer being registered as a PSU. The CCP can no longer

submit bids and offers in the day-ahead scheduling using the pseudo unit model." The IESO responded that the addition would be made.

ACTION ITEM 49: The IESO will ensure this document is posted to the IESO website on January 24, 2011.

Item 6 Market Trials Test Plan, EDAC Issue 0.1

Marcia Thomas provided a walkthrough of the current version of the DACP Market Trials Test Plan. This document is intended to be a public document and will be made available on the IESO website. It is currently available on the PAG portal site. The presentation provided a view of the document in its initial stages. Further edits and modifications will be made to the document at which point we will be asking for comments from the PAG.

Marcia then reviewed the 5 primary steps in the document: Testing Scope, Assumptions and Limitations, Roles & Responsibilities, Test Environment, Test Prep & Execution.

A PAG member asked how test prioritization would be done. Would prioritization be a group decision or would the IESO be making the decisions on the testing sequence? The IESO responded that similar to our internal testing, prioritization would be based on risk to the business of the business procedure failing. The IESO has considered market participant risk in this assessment, but will share the assessment process and test priority with the PAG for their review.

Item 9 Wrap-Up & Adjourn

Next PAG meeting is scheduled for February 24, 2011.

Action Item Summary

(For Closed Action Items 1-40 please consult with the minutes of previous PAG meetings.)

Action Item Summary				
#	Date	Action	Status	Comments
41	Sept 30, 2010	IESO will consider MPs request for input and participation during Technical Testing and report back to the PAG.	Closed	IESO will consider the PAG members request. Details will be discussed at the next PAG meeting, i.e., Nov 30, 2010
42	Sept 30, 2010	PAG to provide input/comments on <u>Structure of EDAC Market Trials</u> white paper by October 21 st	Closed	No comments have been received from PAG members
43	Nov 30, 2010	IESO to communicate schedule for connectivity testing to PAG.	Closed	Connectivity testing will be starting early Feb 2011, pending IESO completing internal Sandbox testing by end of Jan and granting MP access to the EDAC Sandbox (user ID and password).
44	Nov 30, 2010	The IESO will revise the registration forms to indicate that they must be submitted to EDAC and that the information will be used for testing purposes only. The revised forms will be re-posted to the IESO website on December 1, 2010 for PAG review.	Closed	Revised registration forms has been posted on the EDAC Project Advisory Group (SE-73) website at: http://www.ieso.ca/imoweb/consult/consult_se73-pag.asp
45	Nov 30, 2010	The IESO will review the formula for calculating settlement amounts for MGBRT over midnight for STs associated to PSUs (the example was discussed and presented on the flip chart during the meeting).	Open	Still under review

Action Item Summary				
#	Date	Action	Status	Comments
46	Nov 30, 2010	EDAC Team to provide a link to MR amendments in the meeting minutes.	Closed	Completed (See Item 7 in Nov 30, 2010 minutes)
47	Nov 30, 2010	IESO to propose dates for January 2011 PAG meeting	Closed	The 2011 meeting dates have been posted on the EDAC Project Advisory Group (SE-73) website at: http://www.ieso.ca/imoweb/consult/consult_se73-pag.asp
48	Jan 24, 2011	IESO to add "using the pseudo unit model." to the end of the E-022 Test Case Description so the sentence would now read, "Market Entry records the Combined Cycle Plant as no longer being registered as a PSU. The CCP can no longer submit bids and offers in the day-ahead scheduling using the pseudo unit model."	Open	
49	Jan 24, 2011	The IESO will ensure the IESO Internal Testing document is posted to the IESO website by the end of January 24, 2011.	Open	