

# Market Trials Test Plan Structure

PAG Meeting  
November 30, 2010



## IESO Testing

Process Testing (Pre UAT)

UAT

Market Trials

Testing Phases

- Non Market Facing: Pre-UAT and UAT
- Market Facing: Market Trials

- Each IESO Test Phase will have it's own Test Plan
- Business Process Test Plan (Pre-UAT) will be identical to the UAT testing
- Relevant sections of the non Market Facing test plans will be shared with PAG members
  - Introduction
  - Test Case Organization
  - Test Case Summaries
- Market Trials Test Plan will be stakeholdered with the market participants

## Table of Contents

### **1. Introduction**

**1.1 Overview, Document Scope & Purpose**

**1.2 Who should use this document**

### **2. Testing Scope**

### **3. Test Data**

### **4. Test Environment & System Access**

### **5. Test Case Organization by Process**

### **6. Test Case Summaries**

- Test Case Samples extracted from BPIT testing phase

## **Introduction:**

**\*Test Case ID:** I-002

**\*Test Case Name:** Non EELR dispatchable generator submits revised dispatch data between 10:00 and 14:00 on pre-dispatch day with reason code.

### **\*Test Case Description:**

Non EELR dispatchable generator submits revised dispatch data between 10:00 and 14:00 on pre-dispatch day with reason code. Submitted dispatch data is held for approval. Market Participant notifies DACP Operator of their submission by phone.

## **Requirements:**

### **\*Actor: Market Participant**

**Expected results:** IESO assesses revised dispatch data including the reason code and approves submission. Revised dispatch data is used in next run of DACE. This demonstrates the procedure for managing dispatch data submissions queued for approval.

Steps:

Market Participant logs into MPI and revises dispatch data with a reason code after 10:00 on the pre-dispatch day.

**Expected:** IESO receives dispatch data.

Market Participant calls DACP Operator to notify that the dispatch data has been revised.

**Expected:** DACP Operator receives phone call and reviews reason code according to Appendix A.1 of Market Manual 9, Part 9.2

DACP Operator approves the revised dispatch data.

**Expected:** The dispatch data is used in the DACP and/or Pre-Dispatch.

- Test Case Samples extracted from BPIT testing phase

**Introduction:**

\***Test Case ID:** R-005

\***Test Case Name:** Market Participant submits new or revised dispatch data (Part 1)

\***Test Case Description:**

Market Participant submits new or revised dispatch data that expands their ADE with reason code "ERPO". IESO approval is needed. (IESO did not request additional bids and offers). IESO approves request. Meets requirements.

**Requirements:**

\***Actor:** Market Participant

**Expected results:** IESO approval is needed. (IESO did not request additional bids and offers). IESO approves request. Meets requirements.

Steps:

Market Participant submits new or revised dispatch data that expands their ADE after 14:00 on the pre-dispatch day.

**Expected:** IESO receives dispatch data submission.

Market Participant phones the CRO for approval.

**Expected:** The CRO can review the revised dispatch data and discuss the reason.

CRO approves the dispatch data submission and communicates with the Market Participant by telephone.

**Expected:** The dispatch data is used in pre dispatch.

- Test Case Samples extracted from BPIT testing phase

## **Introduction:**

**\*Test Case ID:** I-007

**\*Test Case Name:** Procedure for submitting Daily Generator Data, including multiple MLP's, on the behalf of the Market Participant.

### **\*Test Case Description:**

DACP operator submits DGD on behalf of Market Participant. Data is submitted before 10:00.

## **Requirements:**

**\*Actor:** Market Participant, DACP Operator

**Expected results:** From the 10:00 DGD Report that the revised DGD values from the MP have been accepted. The revised DGD values will be shown in the DGD Report .

Steps:

Market Participant notifies DACP Operator (via Telephone) of problems submitting Daily Generator Data.

**Expected:** DACP operator confirms to Market Participant, submit Daily Generator Data.

DACP Operator logs into OPGUI and submits Daily Generator Data on behalf of Market Participant.

**Expected:** Daily Generator Data is accepted for use in DACP

DACP Operator reviews the DGD Report at 10:00.

**Expected:** DACP operator verifies from the 10:00 DGD Report that the revised DGD values from the MP have been accepted. The revised DGD values will be shown in the DGD Report.

- Test Case Samples extracted from BPIT testing phase

## Introduction:

**\*Test Case ID:** R-001

**\*Test Case Name:** PCG eligible resource request withdrawal of offer for an already committed resource from the DACP for approval; MP receives authorization to withdraw.

## **\*Test Case Description:**

PCG eligible resources has already received a commitment from the DACP. Following the commitment, MP request approval for withdrawal of offer (from any time after DACP Schedule of Record has been issued until 2 hours prior to dispatch hour).

## Requirements:

**\*Actor:** Market Participant, Control Room Operator

## **Expected results:**

The revised dispatch data and Reason Code are submitted for approval. DACP Operator approves request, approves dispatch data submission and removes constraints.

## Steps:

MP requests to withdraw dispatch data by submitting revised data with "Withdrawal" Reason Code via MPI or API.

**Expected:** Revised dispatch data is queued for IESO approval in OPGUI.

MP notifies Control Room Operator of request to withdraw and describes reason for withdrawal by telephone.

**Expected:** DACP Operator receives telephone call and reviews "Withdrawal" Reason Code queued for approval in OPGUI.

Control Room Operator assesses request and identifies no security and/or adequacy issues. DACP Operator approves the withdrawal request in OPGUI and notifies PCG eligible resource by telephone.

**Expected:** Revised dispatch data submission is approved. Withdrawal is effected for specified hours.

## Delivery Schedules

- January - Relevant sections of the non Market Facing test plans will be shared with PAG
- February - Market Trials Test Plan first draft
- April - Finalized Market Trials Test Plan

