

Market Trials: Schedule and Forecasts in the Energy Market Interface (EMI) User Interface (UI)

August 7, 2024

Version 2.0

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Introduction

This document outlines the test cases to be executed in the Energy Market Interface as part of Market Trials Phase 1. In this phase of testing, the primary objective is for Market Participants to confirm that certain functionality to the submission of Schedules and Forecast dispatch data in the Energy Market Interface (EMI) User Interface (UI) are working as intended.

Please note that Market Participants who are self-scheduling generation resources, intermittent generation resources in the physical market should be submitting schedules and forecasts in the EMI UI.

It is highly recommended that Market Participants start with the Standing Bid submission test cases and then execute test cases in the following order: Daily Dispatch Data (DDD), Real-Time Energy Market (RTEM), Forebay, Operating Reserve (OR) and Schedules.

Market Participants should ensure that they submit any defects via qTest or in the Market Trials Issue Log Template. This will contribute significantly to the overall improvement of the IESO tools. For more information on how submit defects via qTest, Market Participants can refer to the [Quick Take: Submission of Test Case Results and Defects in qTest](#) on the [Market Participant Testing](#) web page.

Preconditions:

1. User has access to the IESO's Energy Market Interface (EMI) in the Sandbox environment (<https://emi-sandboxmrp.ieso.ca/>).
2. User has access to IESO Gateway in the Sandbox environment (<https://gateway-sbx.ieso.ca/>)
3. User has a valid user ID and password for EMI and IESO Gateway.
4. User executed the test cases for EMI Connectivity Testing to validate their access. (<https://www.ieso.ca/-/media/Files/IESO/Document-Library/market-renewal/Market-Participant-Testing/Test-Cases-for-Connectivity-Testing.zip>)
5. Schedule dispatch data for the corresponding participant, delivery date, resource, and hour are present in the system.

Common Functional Steps

This section lists out the common functional steps when submitting Forebay dispatch data in EMI. This section will be referenced in the following test cases.

CFS-01: Logging into EMI

Step	User Instruction	Expected Result
1	<p>Log in to EMI directly through its URL (https://emi-sandboxmrp.ieso.ca/)</p> <p>OR</p> <p>Users can click on the "Energy Market interface for MRP" tile under the IESO Sandbox Gateway dashboard (https://gateway-sbx.ieso.ca/).</p>	User is able to successfully log into EMI.

Step User Instruction

Expected Result

My Apps Dashboard | IESO Gate

EMI

https://weblogicapps2-sbx.ieso.ca/emi/faces/emiMainScreen.jspx

ieso

Energy Market Interface (EMI)

2024/01/3 10:24 EST

Sandbox | USERNAME

Act as

Market Information

Markets

Market Status

Market Status

Generated : 2024/01/03 10:24:32

e-Tag ID Mandatory Window: XX:28 - XX:50


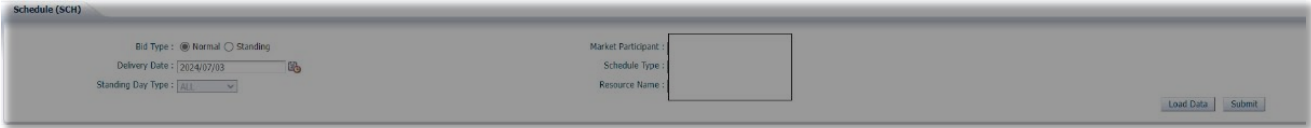
* Past windows are greyed out. Current window is highlighted in Yellow.


Refresh

Detach


Market Hour	Start of Initial Window	Start of Mandatory Window	Start of Closed Window
2024/01/03 01	2024/01/02 06:00	2024/01/02 22:00	2024/01/02 23:50
2024/01/03 02	2024/01/02 06:00	2024/01/02 23:00	2024/01/03 00:50
2024/01/03 03	2024/01/02 06:00	2024/01/03 00:00	2024/01/03 01:50
2024/01/03 04	2024/01/02 06:00	2024/01/03 01:00	2024/01/03 02:50
2024/01/03 05	2024/01/02 06:00	2024/01/03 02:00	2024/01/03 03:50
2024/01/03 06	2024/01/02 06:00	2024/01/03 03:00	2024/01/03 04:50
2024/01/03 07	2024/01/02 06:00	2024/01/03 04:00	2024/01/03 05:50
2024/01/03 08	2024/01/02 06:00	2024/01/03 05:00	2024/01/03 06:50
2024/01/03 09	2024/01/02 06:00	2024/01/03 06:00	2024/01/03 07:50
2024/01/03 10	2024/01/02 06:00	2024/01/03 07:00	2024/01/03 08:50
2024/01/03 11	2024/01/02 06:00	2024/01/03 08:00	2024/01/03 09:50
2024/01/03 12	2024/01/02 06:00	2024/01/03 09:00	2024/01/03 10:50
2024/01/03 13	2024/01/02 06:00	2024/01/03 10:00	2024/01/03 11:50
2024/01/03 14	2024/01/02 06:00	2024/01/03 11:00	2024/01/03 12:50
2024/01/03 15	2024/01/02 06:00	2024/01/03 12:00	2024/01/03 13:50
2024/01/03 16	2024/01/02 06:00	2024/01/03 13:00	2024/01/03 14:50
2024/01/03 17	2024/01/02 06:00	2024/01/03 14:00	2024/01/03 15:50
2024/01/03 18	2024/01/02 06:00	2024/01/03 15:00	2024/01/03 16:50
2024/01/03 19	2024/01/02 06:00	2024/01/03 16:00	2024/01/03 17:50
2024/01/03 20	2024/01/02 06:00	2024/01/03 17:00	2024/01/03 18:50
2024/01/03 21	2024/01/02 06:00	2024/01/03 18:00	2024/01/03 19:50
2024/01/03 22	2024/01/02 06:00	2024/01/03 19:00	2024/01/03 20:50
2024/01/03 23	2024/01/02 06:00	2024/01/03 20:00	2024/01/03 21:50
2024/01/03 24	2024/01/02 06:00	2024/01/03 21:00	2024/01/03 22:50
2024/01/04 01	2024/01/03 06:00	2024/01/03 22:00	2024/01/03 23:50
2024/01/04 02	2024/01/03 06:00	2024/01/03 23:00	2024/01/04 00:50
2024/01/04 03	2024/01/03 06:00	2024/01/04 00:00	2024/01/04 01:50
2024/01/04 04	2024/01/03 06:00	2024/01/04 01:00	2024/01/04 02:50
2024/01/04 05	2024/01/03 06:00	2024/01/04 02:00	2024/01/04 03:50
2024/01/04 06	2024/01/03 06:00	2024/01/04 03:00	2024/01/04 04:50
2024/01/04 07	2024/01/03 06:00	2024/01/04 04:00	2024/01/04 05:50
2024/01/04 08	2024/01/03 06:00	2024/01/04 05:00	2024/01/04 06:50
2024/01/04 09	2024/01/03 06:00	2024/01/04 06:00	2024/01/04 07:50

CFS-02: Submitting a Bid

Step	User Instruction	Expected Result
1	Select the Market SCHEDULE (SCH) from the initial window.	<p>The SCHEDULE interface is displayed.</p>  <p>The screenshot shows a vertical menu titled 'Market Information'. The menu items are: Market Status, Market Message, Markets, Real Time Energy Market (RTEM), Operating Reserve (OPRES), Schedule (SCH) (highlighted in blue), Daily Dispatch Data (DDD), Bilateral (BLT), and Forebay Dispatch Data (FDD).</p>
2	<p>For a "Normal" bid type:</p> <p>Enter data in the following mandatory fields to submit a SCHEDULE:</p> <p>Select Bid Type: Normal.</p> <p>Select Delivery Date which is the day ahead initial window.</p> <p>Select Market Participant.</p> <p>Select Schedule Type.</p> <p>Select Resource Name.</p>	<p>Data fields are displayed for the selected resource.</p>  <p>The screenshot shows the 'Schedule (SCH)' form. It contains the following fields: Bid Type (radio buttons for Normal and Standing, with Normal selected), Delivery Date (a date picker showing 2024/07/03), Standing Day Type (a dropdown menu showing ALL), Market Participant (a text input field), Schedule Type (a text input field), and Resource Name (a text input field). There are 'Load Data' and 'Submit' buttons at the bottom right.</p>


Step	User Instruction	Expected Result
3	<p>For a "Standing" bid type:</p> <p>Enter data in the following mandatory fields to submit a SCHEDULE:</p> <p>Select Bid Type: Standing.</p> <p>Select Standing Day Type.</p> <p>Select Expiry Date.</p> <p>Select Market Participant.</p> <p>Select Schedule Type.</p> <p>Select Resource Name.</p>	<p>Data fields are displayed for the selected resource.</p> 
4	<p>Enter data for the required fields and click on Submit.</p>	<p>The SCHEDULE submission is successful. User should be able to view the submission result message "Successfully processed the SCHEDULE submission."</p>

Step User Instruction

View ▾ Clear Hours Copy Hours  Detach				
Hour	Action	Zero Price	Quantity	
Hour 1	<input type="text"/>	-500	10.2	
Hour 2	<input type="text"/>	-500	10.2	
Hour 3	<input type="text"/>	-500	10.2	
Hour 4	<input type="text"/>	-500	10.2	
Hour 5	<input type="text"/>	-500	10.2	
Hour 6	<input type="text"/>	-500	10.2	
Hour 7	<input type="text"/>	-500	10.2	
Hour 8	<input type="text"/>	-500	10.2	
Hour 9	<input type="text"/>	-500	10.2	
Hour 10	<input type="text"/>	-500	10.2	
Hour 11	<input type="text"/>	-500	10.2	
Hour 12	<input type="text"/>	-500	10.2	
Hour 13	<input type="text"/>	-500	10.2	
Hour 14	<input type="text"/>	-500	10.2	
Hour 15	<input type="text"/>	-500	10.2	
Hour 16	<input type="text"/>	-500	10.2	
Hour 17	<input type="text"/>	-500	10.2	
Hour 18	<input type="text"/>	-500	10.2	
Hour 19	<input type="text"/>	-500	10.2	
Hour 20	<input type="text"/>	-500	10.2	
Hour 21	<input type="text"/>	-500	10.2	
Hour 22	<input type="text"/>	-500	10.2	

Submission Result						
File ▾						
Market Participant :						
Resource Name :						
Bid/Offer Type : Normal						
Standing Day Type : ALL						
Schedule Type :						
Update Transaction ID :						
Cancel Transaction ID :						
		Severity	Hour	Code	Action	Description
		INFO		SUBMIT-SUCCESS	Update	Successfully processed the SCHEDULE submission.
Export to Excel						

CFS-03: Query a Schedule Normal and Standing bid data

Step	User Instruction	Expected Result
1	Select the Market Schedule (SCH) .	<p>The SCHEDULE interface is displayed.</p>  <p>The screenshot shows a vertical menu titled 'Market Information'. The menu items are: Market Status, Market Message, Markets, Real Time Energy Market (RTEM), Operating Reserve (OPRES), Schedule (SCH) (highlighted in blue), Daily Dispatch Data (DDD), Bilateral (BLT), and Forebay Dispatch Data (FDD).</p>
2	<p>For a "Normal" bid type:</p> <p>Enter data in the following mandatory fields to query a SCHEDULE submission:</p> <p>Select Bid Type: Normal.</p> <p>Select Delivery Date.</p> <p>Select Market Participant.</p> <p>Select Schedule Type.</p>	<p>The page displays the queried data values for the selected resource.</p>

Step

User Instruction

Expected Result

Select Resource Name.
Click on **Load Data**.

Schedule (SCH)

Bid Type : ☒ Normal ☐ Standing

Market Participant :

Delivery Date : 2024/05/23

Schedule Type :

Standing Day Type : ALL

Resource Name :

Load Data

Submit

Expiry Date :

View

Clear Hours

Copy Hours

Detach

Hour	Action	Zero Price	Quantity
Hour 1	<div></div>	-500	10.2
Hour 2	<div></div>	-500	10.2
Hour 3	<div></div>	-500	10.2
Hour 4	<div></div>	-500	10.2
Hour 5	<div></div>	-500	10.2
Hour 6	<div></div>	-500	10.2
Hour 7	<div></div>	-500	10.2
Hour 8	<div></div>	-500	10.2
Hour 9	<div></div>	-500	10.2
Hour 10	<div></div>	-500	10.2
Hour 11	<div></div>	-500	10.2
Hour 12	<div></div>	-500	10.2
Hour 13	<div></div>	-500	10.2

- 3
- For a “Standing” bid type:

Enter data in the following mandatory fields to query a SCHEDULE submission:

Select Bid Type:
Standing.
- The page displays the queried data values for the selected resource.

Step	User Instruction	Expected Result
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Select Standing Day Type.

Select Market Participant.

Select Schedule Type.

Select Resource Name.

Click on **Load Data**.

CFS-04: Cancel a Schedule Normal or Standing bid

Step	User Instruction	Expected Result
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1	Select the Market Schedule (SCH).	The SCHEDULE interface is displayed.
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Step

User Instruction

Expected Result

2

For a "Normal" bid type:

Enter data in the following mandatory fields to query a SCHEDULE submission:

Select Bid Type: Normal.
Select Delivery Date.
Select Market Participant.
Select Schedule Type.
Select Resource Name.

Click on **Load Data**.

The page displays the queried data values for the selected resource.

The screenshot shows the 'Schedule (SCH)' form. The 'Bid Type' is set to 'Normal' (radio button selected). The 'Delivery Date' is set to '2024/07/03'. The 'Standing Day Type' is set to 'ALL'. The 'Market Participant' and 'Resource Name' fields are empty. The 'Load Data' button is visible. Below the form, a table displays the queried data values for the selected resource.

Hour	Actions	Zero Price	Quantity
Hour 1		-500	10.3
Hour 2		-500	10.3
Hour 3		-500	10.3
Hour 4		-500	10.3
Hour 5		-500	10.3
Hour 6		-500	10.3
Hour 7		-500	10.3
Hour 8		-500	10.3
Hour 9		-500	10.3
Hour 10		-500	10.3
Hour 11		-500	10.3
Hour 12		-500	10.3
Hour 13		-500	10.3
Hour 14		-500	10.3
Hour 15		-500	10.3
Hour 16		-500	10.3
Hour 17		-500	10.3
Hour 18		-500	10.3
Hour 19		-500	10.3
Hour 20		-500	10.3
Hour 21		-500	10.3
Hour 22		-500	10.3

3

For a "Standing" bid type:

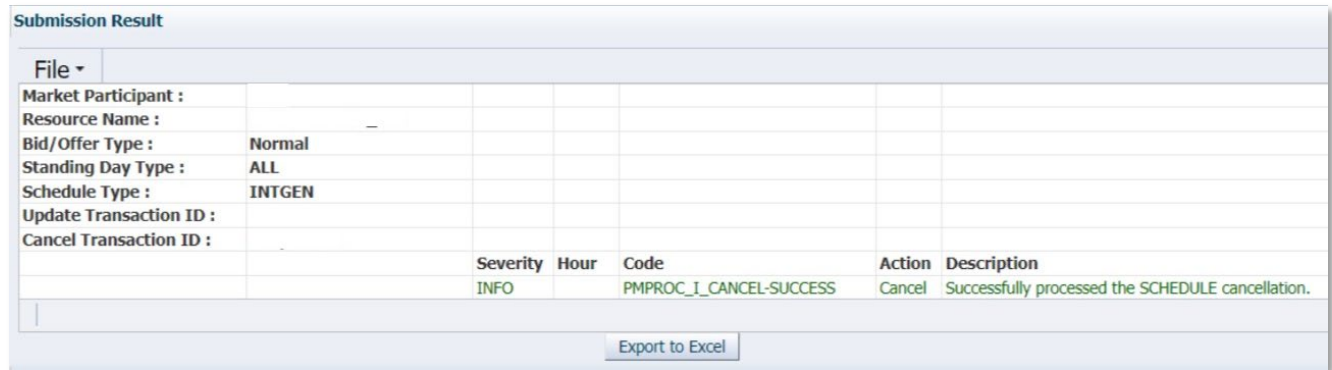
Enter data in the following mandatory fields to query a SCHEDULE submission:

Select Bid Type: Standing.
Select Standing Day Type.

The page displays the queried data values for the selected resource.

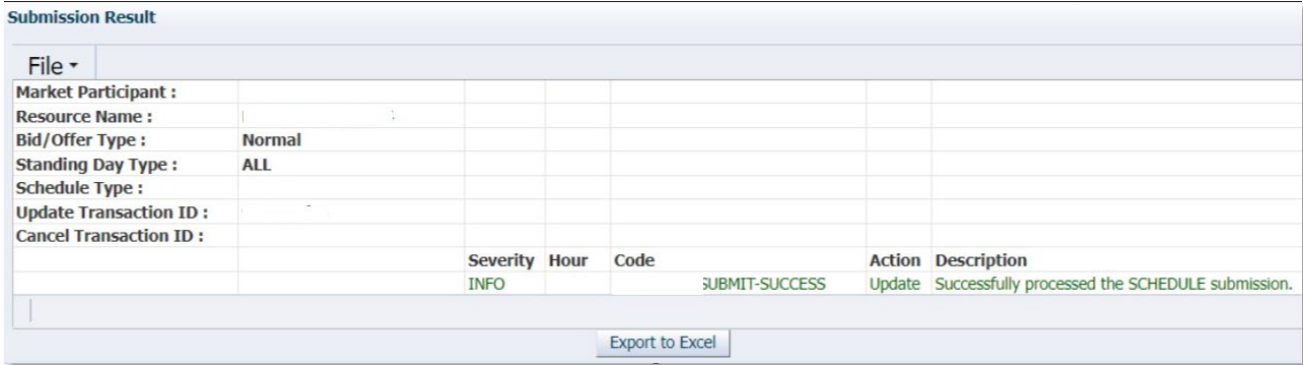
The screenshot shows the 'Schedule (SCH)' form. The 'Bid Type' is set to 'Standing' (radio button selected). The 'Delivery Date' is set to '2025/03/16'. The 'Standing Day Type' is set to 'ALL'. The 'Market Participant' and 'Resource Name' fields are empty. The 'Load Data' button is visible. Below the form, a table displays the queried data values for the selected resource.

Hour	Actions	Zero Price	Quantity
Hour 3		-500	10.3
Hour 4		-500	10.3
Hour 5		-500	10.3
Hour 6		-500	10.3
Hour 7		-500	10.3
Hour 8		-500	10.3
Hour 9		-500	10.3
Hour 10		-500	10.3
Hour 11		-500	10.3
Hour 12		-500	10.3
Hour 13		-500	10.3
Hour 14		-500	10.3
Hour 15		-500	10.3
Hour 16		-500	10.3
Hour 17		-500	10.3
Hour 18		-500	10.3
Hour 19		-500	10.3
Hour 20		-500	10.3
Hour 21		-500	10.3
Hour 22		-500	10.3
Hour 23		-500	10.3
Hour 24		-500	10.3

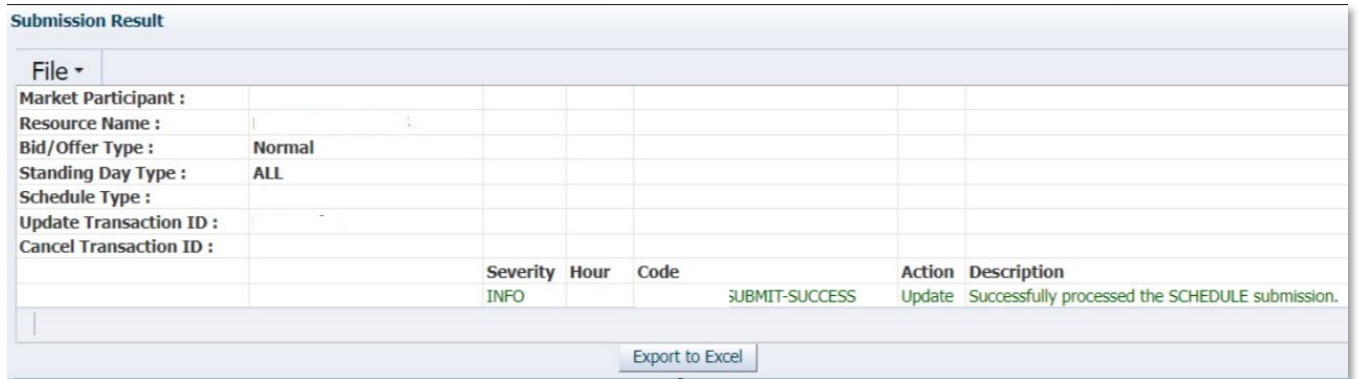
Step	User Instruction	Expected Result
	Select Market Participant. Select Schedule Type. Select Resource Name. Click on Load Data .	
4	Select the hours to be cancelled. Click on the Submit/Cancel drop down field. Choose Cancel and click on Submit .	Data submission for the selected hour(s) is cancelled successfully. <div data-bbox="672 672 1995 1040">  <p>The screenshot shows a 'Submission Result' window. It contains a 'File' dropdown menu and several input fields for 'Market Participant', 'Resource Name', 'Bid/Offer Type' (set to 'Normal'), 'Standing Day Type' (set to 'ALL'), 'Schedule Type' (set to 'INTGEN'), 'Update Transaction ID', and 'Cancel Transaction ID'. Below these fields is a table with columns: Severity, Hour, Code, Action, and Description. The table contains one row with the following data: Severity: INFO, Hour: (empty), Code: PMPROC_I_CANCEL-SUCCESS, Action: Cancel, Description: Successfully processed the SCHEDULE cancellation. At the bottom right of the window is an 'Export to Excel' button.</p> </div>

Test Cases

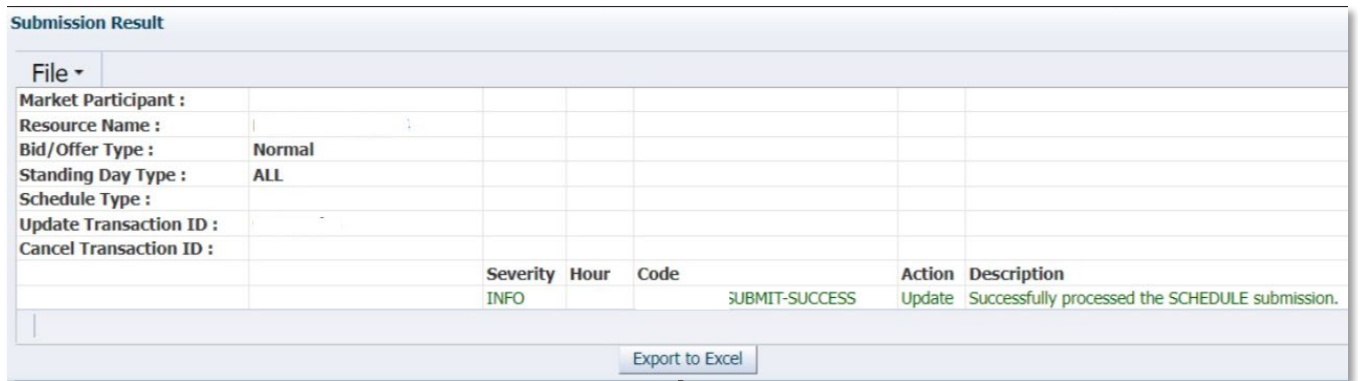
TC01: Verify that Schedule Non-Standing (Normal) bid data can be successfully submitted for a resource and schedule type

Step	User Instruction	Expected Result
1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
2	Execute Step 1-2 from CFS-02 from the Common Functional Steps section.	
3	<p>Enter data for all the applicable fields and click on SUBMIT.</p> <p>From Hour 1 to Hour 24:</p> <ul style="list-style-type: none"> - Action: Submit, Cancel - Zero Price - Quantity 	<p>The SCHEDULE submission is successful. User should be able to view the submission result message "Successfully processed the SCHEDULE submissions".</p>  <p>The screenshot shows a 'Submission Result' window with a table of submission details. The table has columns for Market Participant, Resource Name, Bid/Offer Type, Standing Day Type, Schedule Type, Update Transaction ID, Cancel Transaction ID, Severity, Hour, Code, Action, and Description. The 'Update Transaction ID' row shows a successful submission with the message 'Successfully processed the SCHEDULE submission.' and an 'Update' action.</p>

TC02: Verify that Schedule Standing bid data can be successfully submitted for a resource and schedule type

Step	User Instruction	Expected Result
1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
2	Execute Steps 1, and 3 from CFS-02 from the Common Functional Steps section.	
3	<p>Enter data for all the applicable fields and click on Submit.</p> <p>For Hour 1 to Hour 24:</p> <ul style="list-style-type: none"> - Action: Submit, Cancel - Zero Price - Quantity 	<p>The SCHEDULE submission is successful. User should be able to view the submission result message "Successfully processed the SCHEDULE submissions".</p>  <p>The screenshot shows a 'Submission Result' window with a 'File' dropdown menu. Below the menu, there are several fields for submission details: Market Participant, Resource Name, Bid/Offer Type (Normal), Standing Day Type (ALL), Schedule Type, Update Transaction ID, and Cancel Transaction ID. At the bottom, there is a table with columns: Severity, Hour, Code, Action, and Description. The table contains one row with the following data: Severity: INFO, Hour: (blank), Code: SUBMIT-SUCCESS, Action: Update, Description: Successfully processed the SCHEDULE submission. An 'Export to Excel' button is located at the bottom right of the window.</p>

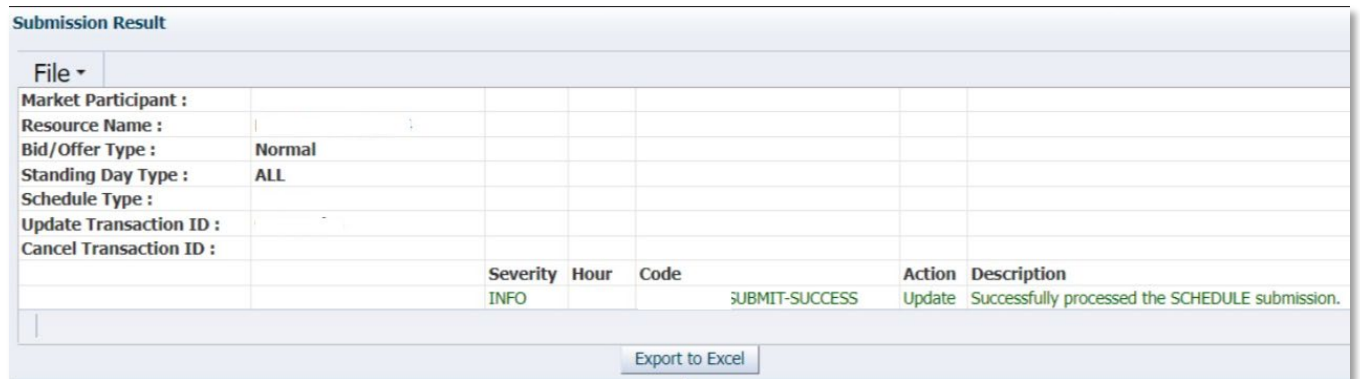
TC03: Verify the submission of Schedule Data: if the RT window state for the specified hour is in the Daily Restricted Window (DA_Restricted) and there is a change in the data field values, then the submission is subject to operator approval

Step	User Instruction	Expected Result
1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
2	Execute Steps 1-2 from CFS-02 from the Common Functional Steps section.	
3	<p>Enter data for the required fields.</p> <p>Enter hourly data for the RT initial window.</p> <p>Click on Submit.</p>	<p>The SCHEDULE submission is successful. User should be able to view the submission result message "Successfully processed the SCHEDULE submissions".</p>  <p>The screenshot shows a 'Submission Result' window with a 'File' dropdown menu. Below the menu, there are several input fields for 'Market Participant', 'Resource Name', 'Bid/Offer Type' (set to 'Normal'), 'Standing Day Type' (set to 'ALL'), 'Schedule Type', 'Update Transaction ID', and 'Cancel Transaction ID'. At the bottom, there is a table with columns: Severity, Hour, Code, Action, and Description. The table contains one row with the following data: Severity: INFO, Hour: (empty), Code: SUBMIT-SUCCESS, Action: Update, Description: Successfully processed the SCHEDULE submission. An 'Export to Excel' button is located at the bottom right of the window.</p>

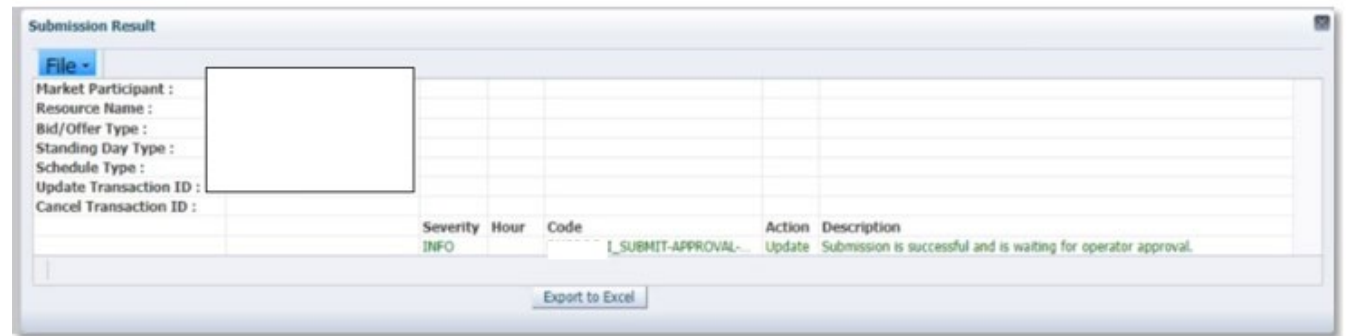
Step	User Instruction	Expected Result
4	Wait until the delivery date/hour comes to Daily Restricted window (DA_Restricted). Select the same Schedule dispatch data as Step 2, but submit different values of 'Zero Price' or 'Quantity' for delivery hours in DA_Restricted window.	<p>The page displays the following message, "Submission is successful and is waiting for operator approval."</p> 

TC04: Verify the submission of Schedule Data: if the window state for the specified hour is in Hourly RT Mandatory window and there is a change in the data field values, then the submission is subject to operator approval

Step	User Instruction	Expected Result
1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
2	Execute Steps 1-2 from CFS-02 from the	

Step	User Instruction	Expected Result
	Common Functional Steps section.	
3	Enter data for the required fields. Enter hourly data for the RT initial window. Click on SUBMIT .	<p>The SCHEDULE submission is successful. User should be able to view the submission result message.</p>  <p>"Successfully processed the SCHEDULE submissions".</p>
4	Wait until the delivery date/hour comes to Real-Time Mandatory window (RT_M). Select the same Schedule dispatch data as Step 2, but submit different values of 'Zero Price' or 'Quantity' for delivery hours in RT_M window.	The page displays the following message, "Submission is successful and is waiting for operator approval."

Step	User Instruction	Expected Result
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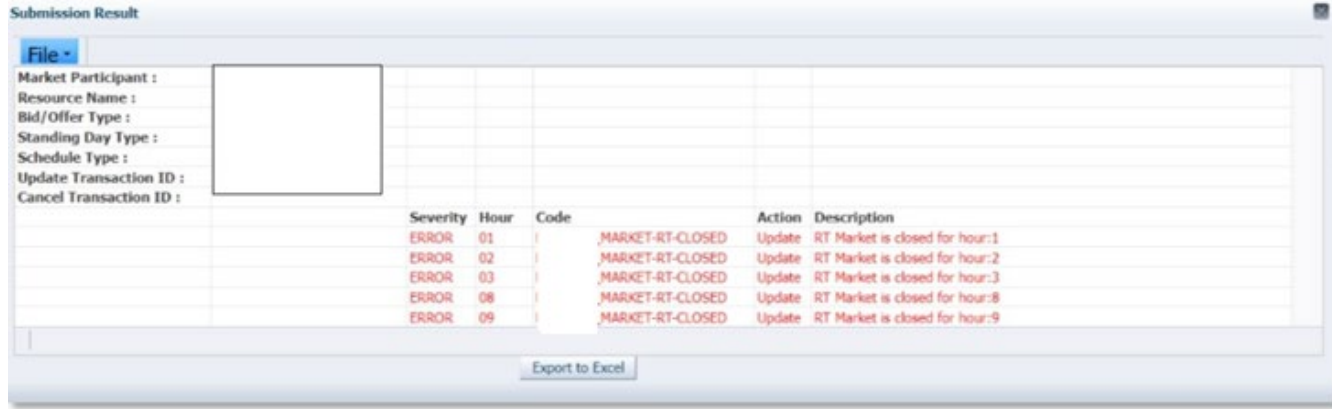


TC05: Verify that an error message is received for a SCHEDULE data submission where the RT Market window for the delivery date and hours are in the 'RT_CLOSE' state

Step	User Instruction	Expected Result
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1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
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2	Execute Steps 1-2 from CFS-02 from the Common Functional Steps section.	
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Step	User Instruction	Expected Result
3	<p>Enter data in the required fields. Enter hourly data for the hours in the RT_CLOSE window hours.</p> <p>Click on Submit.</p>	<p>Submission fails. An error message is displayed, "RT Market is closed for hour: XX"</p> 

TC06: Verify that Schedule Non-Standing bid data can be successfully queried for a resource

Step	User Instruction	Expected Result
1	<p>Execute Step 1 from CFS-01 from the Common Functional Steps section.</p>	
2	<p>Execute Step 1 from CFS-03 from the</p>	

Step	User Instruction	Expected Result
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[Common Functional Steps](#) section.

- | | | |
|---|--|---|
| 3 | <p>Enter data in the following mandatory fields to query a SCHEDULE submission:</p> <p>Select Bid Type: Normal.</p> <p>Select Delivery Date.</p> <p>Select Market Participant.</p> <p>Select Schedule Type.</p> <p>Select Resource Name.</p> <p>Click on Load Data.</p> | <p>The page displays the queried data values for the selected resource.</p> <p>From Hour 1 to Hour 24:</p> <ul style="list-style-type: none"> - Zero Price - Quantity |
|---|--|---|

Screenshot of the Schedule (SCH) form in the Energy Market Interface (EMI) User Interface (UI) Version 2.0. The form displays a table with 24 rows, each representing an hour from Hour 1 to Hour 24. The table has columns for 'Hour', 'Action', 'Zero Price', and 'Quantity'. The 'Zero Price' column shows a value of -500 for all hours, and the 'Quantity' column shows a value of 10.3 for all hours. The form also includes fields for 'Bid Type' (Normal), 'Delivery Date' (2024/07/03), 'Standing Day Type' (ALL), 'Market Participant', 'Schedule Type', and 'Resource Name'. There are 'Load Data' and 'Submit' buttons at the bottom right.

TC07: Verify that Schedule Standing bid data can be successfully queried for a resource

Step	User Instruction	Expected Result
1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
2	Execute Step 1 from CFS-03 from the Common Functional Steps section.	
3	<p>Enter data in the following mandatory fields to query a SCHEDULE submission:</p> <p>Select Bid Type: Standing.</p> <p>Select Standing Day Type.</p> <p>Select Market Participant.</p> <p>Select Schedule Type.</p> <p>Select Resource Name.</p> <p>Click on Load Data.</p>	<p>The page displays the queried data values for the selected resource.</p> <ul style="list-style-type: none">- Expiry DateFrom Hour 1 to Hour 24:- Zero Price- Quantity

Schedule (SCH)

Bid Type: ☒ Normal ☐ Standing
 Delivery Date: 2024/07/03
 Standing Day Type: 011

Market Participant:
 Schedule Type:
 Resource Name:

Expiry Date:

View:

Hour	Action	Zero Price	Quantity
Hour 3		-500	10.3
Hour 4		-500	10.3
Hour 5		-500	10.3
Hour 6		-500	10.3
Hour 7		-500	10.3
Hour 8		-500	10.3
Hour 9		-500	10.3
Hour 10		-500	10.3
Hour 11		-500	10.3
Hour 12		-500	10.3
Hour 13		-500	10.3
Hour 14		-500	10.3
Hour 15		-500	10.3
Hour 16		-500	10.3
Hour 17		-500	10.3
Hour 18		-500	10.3
Hour 19		-500	10.3
Hour 20		-500	10.3
Hour 21		-500	10.3
Hour 22		-500	10.3
Hour 23		-500	10.3
Hour 24		-500	10.3

TC08: Verify Schedule Non-Standing bid data can be successfully cancelled for a resource.

Step	User Instruction	Expected Result
1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
2	Execute Steps 1-2 from CFS-04 from the Common Functional Steps section.	

Step

User Instruction

Expected Result

- 3
- Select hour(s) in the RT initial window.
- Click on the Submit/Cancel drop down field.
- Choose Cancel and click on **Submit**.

Data submission for the selected hour(s) is cancelled successfully.

Schedule (SCM)

Bid Type: ☒ Normal ☐ Standing

Delivery Date: 2024/07/03

Standing Day Type: ALL

Market Participant:

Schedule Type:

Resource Name:

Load Data Submit

Every Date: 2024/07/03

View: Clear Hours Copy Hours Refresh

Hour	Action	Zero Price	Quantity
Hour 1	Cancel		
Hour 2	Cancel		
Hour 3	Cancel		
Hour 4	Cancel		
Hour 5	Cancel		
Hour 6	Cancel		
Hour 7	Cancel		
Hour 8	Cancel		
Hour 9	Cancel		
Hour 10	Cancel		
Hour 11	Cancel		
Hour 12	Cancel		
Hour 13	Cancel		
Hour 14	Cancel		
Hour 15	Cancel		
Hour 16	Cancel		
Hour 17	Cancel		
Hour 18	Cancel		
Hour 19	Cancel		
Hour 20	Cancel		
Hour 21	Cancel		
Hour 22	Cancel		

Submission Result						
File						
Market Participant :						
Resource Name :						
Bid/offer Type :		Normal				
Standing Day Type :		ALL				
Schedule Type :		INTGEN				
Update Transaction ID :						
Cancel Transaction ID :						
		Severity	Hour	Code	Action	Description
		INFO		I_CANCEL-SUCCESS	Cancel	Successfully processed the SCHEDULE cancellation.
Export to Excel						

TC09: Verify Schedule data can be successfully cancelled for a Standing Bid

Step	User Instruction	Expected Result
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1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
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2	Execute Steps 1, and 3 from CFS-04 from the Common Functional Steps section.	
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3	<p>Select hour(s) in the RT initial window.</p> <p>Click on the Submit/Cancel drop-down field.</p> <p>Choose Cancel and click on Submit.</p>	
---	---	--

Data submission for the selected hour(s) is cancelled successfully.

The screenshot shows the 'Schedule (SCH)' window. At the top, there are fields for 'Bid Type' (Normal/Standing), 'Delivery Date' (2024/07/05), 'Standing Day Type' (All), 'Market Participant', 'Schedule Type', and 'Resource Name'. Below these are buttons for 'Load Data' and 'Submit'. The main part of the window is a table with columns: 'Hour', 'Action', 'Zero Price', and 'Quantity'. The 'Hour' column lists hours from 1 to 22. The 'Action' column contains a 'Cancel' button for each hour. The 'Zero Price' and 'Quantity' columns are empty. The table is titled 'View' and has buttons for 'Clear Hours', 'Copy Hours', and 'Detach'.

Step	User Instruction	Expected Result
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The screenshot shows a 'Submission Result' window. It contains a table with the following data:

Market Participant :	Resource Name :	Bid/Offer Type :	Standing Day Type :	Schedule Type :	Update Transaction ID :	Cancel Transaction ID :	Severity	Hour	Code	Action	Description
		Normal	ALL	INTGEN			INFO		_I_CANCEL-SUCCESS	Cancel	Successfully processed the SCHEDULE cancellation.

At the bottom right of the window is an 'Export to Excel' button.

TC10: If the RT window for the specified hour is in the DA_RESTRICTED state, then Schedule data cancellation is subject to operator approval

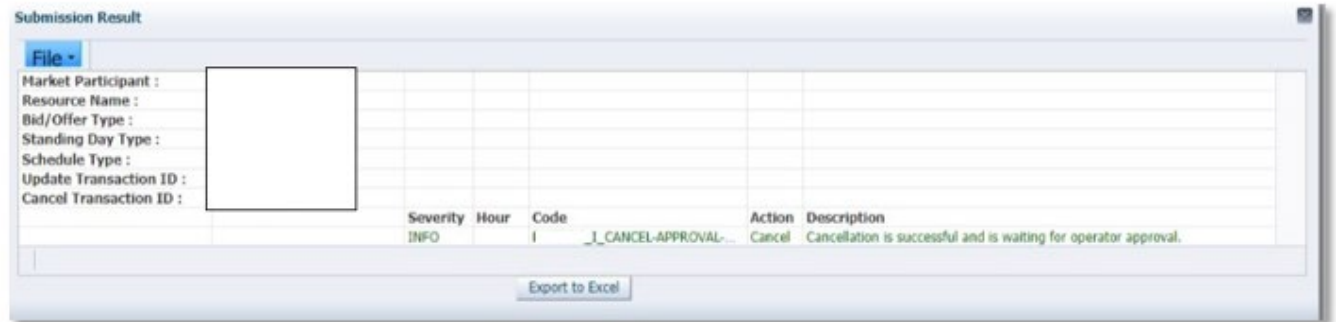
Step	User Instruction	Expected Result
------	------------------	-----------------

1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
---	--	--

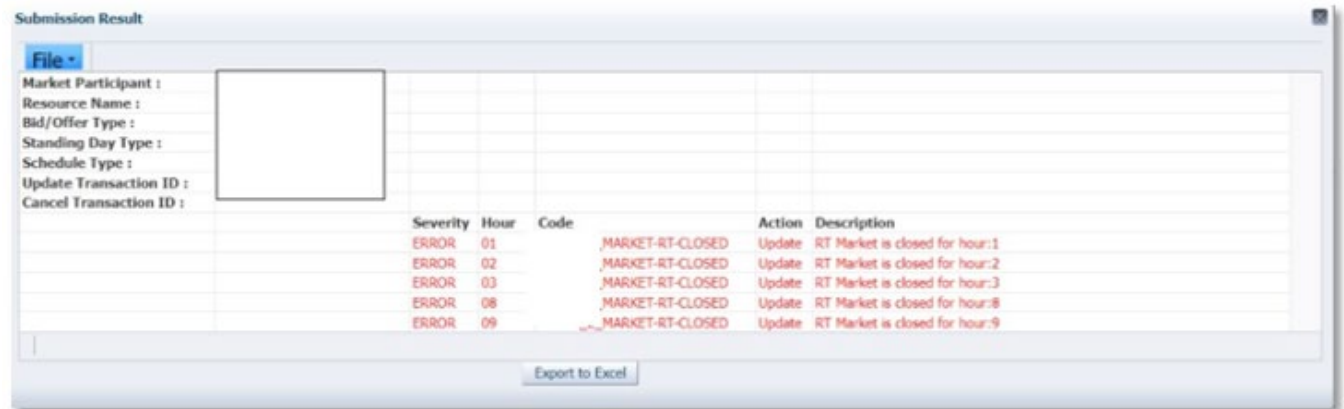
2	Execute Steps 1-2 from CFS-04 from the Common Functional Steps section.	
---	---	--

Step	User Instruction	Expected Result
3	<p>Select hour(s) which are in the DA_Restricted window.</p> <p>Click on Submit/Cancel drop-down field.</p> <p>Choose Cancel and click on Submit.</p>	<p>The page displays a message, "Cancellation is successful and is waiting for operator approval."</p>  <p>The screenshot shows a 'Submission Result' window. On the left, there are labels for 'Market Participant', 'Resource Name', 'Bid/Offer Type', 'Standing Day Type', 'Schedule Type', 'Update Transaction ID', and 'Cancel Transaction ID'. A large white rectangular box is positioned over the 'Resource Name' field. To the right of these labels is a table with columns: 'Severity', 'Hour', 'Code', 'Action', and 'Description'. The table contains one row with the following data: 'INFO', an empty cell, 'I', '_I_CANCEL-APPROVAL-', 'Cancel', and 'Cancellation is successful and is waiting for operator approval.' At the bottom right of the window is an 'Export to Excel' button.</p>

TC11: If the RT window for the specified hour is in the RT_MANDATORY state, then the Schedule data cancellation is subject to operator approval

Step	User Instruction	Expected Result
1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
2	Execute Steps 1-2 from CFS-03 from the Common Functional Steps section.	
3	<p>Select hour(s) which are in the RT_MANDATORY window.</p> <p>Click on Submit/Cancel drop-down field.</p> <p>Choose Cancel and click on Submit.</p>	<p>The page displays a message, "Cancellation is successful and is waiting for operator approval."</p>  <p>The screenshot shows a 'Submission Result' window. On the left, there are input fields for 'Market Participant', 'Resource Name', 'Bid/Offer Type', 'Standing Day Type', 'Schedule Type', 'Update Transaction ID', and 'Cancel Transaction ID'. A red box highlights the 'Cancel Transaction ID' field. To the right of these fields is a table with columns: Severity, Hour, Code, Action, and Description. The table contains one row with the following data: Severity: INFO, Hour: I, Code: _I_CANCEL-APPROVAL..., Action: Cancel, Description: Cancellation is successful and is waiting for operator approval. At the bottom right of the window is an 'Export to Excel' button.</p>

TC12: Verify that an error response message is received for a Schedule data cancellation when the selected hours are in the RT_CLOSE state

Step	User Instruction	Expected Result
1	Execute Step 1 from CFS-01 from the Common Functional Steps section.	
2	Execute Steps 1-2 from CFS-03 from the Common Functional Steps section.	
3	<p>Select hour(s) which are in the RT_CLOSE window.</p> <p>Click on Submit/Cancel drop-down field.</p> <p>Choose Cancel and click on Submit.</p>	<p>Cancellation is unsuccessful with an error message of: "RT Market is closed for hour: XX"</p> 

Additional Resources

- [MRP Market Trials Test Plan](#)
- Energy Market Interface/Market Information Management
 - [Submitting and Revising Daily Dispatch Data](#)
 - [Submitting, Revising and Cancelling Energy Bids](#)
 - [Submitting, Revising and Cancelling Energy Offers](#)
 - [Submitting, Revising and Cancelling Import Offers and Export](#)
 - [Submitting and Revising Forebay Dispatch Data](#)
 - [Submitting, Revising and Cancelling Operating Reserve Offers](#)
 - [Submitting, Revising and Cancelling Schedules and Forecasts](#)
- [Test Cases for Connectivity Testing \(.zip\)](#)
- [Quick Take: Submission of Test Case Results and Defects in qTest](#)

**Independent
Electricity
System Operator**

1600-120 Adelaide Street West
Toronto, Ontario M5H 1T1

Phone: 905.403.6900

Toll-free: 1.888.448.7777

E-mail: customer.relations@ieso.ca

ieso.ca



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