# End-to-End Testing: Test Scenario 1 – Financial Reference Levels (FRL) Submissions in Online IESO

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### 1. Introduction

This document provides an overview of **Test Scenario 1: Financial Reference Levels (FRL) Submissions in Online IESO** under the End-to-End Testing phase of the Market Renewal Program.

This document includes the following information:

- a short description of the test scenario as it relates to Market Rules Chapter 0.7 s.22.5 and Market Manual Part 0.14.2 s.4.1.2 & s.5,
- out of scope items and activities during this test execution,
- the resource and participation types that are recommended to execute this test scenario,
- key dates for impacted Market Participants, and
- the test cases along with the steps that users will execute to verify this test scenario.

### 2. Scenario Description

Market Participants will be able to test the submission of temporary FRL change requests. These requests are performed via Online IESO. Request will not be assessed and are automatically approved for the duration of this End-to-End testing period.

As part of this test execution, Market Participants will verify the results of their change request submission through the IESO reports site.

### 3. What is out of scope for this test scenario?

The following items are out scope in the execution of this test scenario:

• Any form of assessment of the FRL change requests will not be performed. Request will all be automatically accepted.

### 4. Impacted Participation Types

This test scenario is recommended for the following participation types:

- Dispatchable Generators,
- Dispatchable Loads (Only High Cost),

• Dispatchable Electricity Storage Participants as a Load and as a Generator,

### 5. Key Dates for Market Participants

This scenario will be simulated under Week 1 - Week 6 for Normal, High and Low demand profile of the End-to-End Testing Phase:

• This scenario will be simulated anywhere between January 20, 2025 to February 27, 2025.

### 6. Test Case(s) under Test Scenario 1

#### **Prerequisites:**

- 1. Access to Online IESO sandbox application with Dispatch Data Submitter role
- 2. This test case applies to market participants with dispatchable generator resources which have a high-low FRL profile with no average cost reference level registered and are eligible to submit temporary cost profile change requests. Please refer to MM 14.2, section 5 Temporary Reference Level Change Requests
- 3. No 'In-flight' request for high profile usage has been submitted for the resource being tested for the same dispatch day and for the same set of hours.

Test Case S1-TC01 | Market Participant submits a temporary high-cost profile change request for an eligible dispatchable generator resource type for Dispatch Day = Today.

Test Step #	Test Step Description	Test Step Expected Result
1	User should login into ONLINE IESO application with the following credentials: - Username: - Password:	User able to login into ONLINE IESO application successfully.
2	'Select the navigation button and choose the "Market Power Mitigation" option. Click on "Submit Temporary Financial Reference Level Change Request" tile.	The 'Submit Temporary Financial Reference Level Change Request' form is displayed.
3	Under the section labeled "Please Select Organization, Request Type, and Resource", select an organization from the Organization list.	The list of organizations under the Market Participant is displayed, and the selected organization is reflected on the field.
4	Select Request Type = 'Cost-Profile Change.'	The 'Cost-Profile Change' option is selected under the Request Type, and the list of resources that are eligible for this request are displayed under the Resource field.

Test Step #	Test Step Description	Test Step Expected Result
5	Select at least one dispatchable generation resource from the Resource field and then click on the "Proceed with Cost Profile Change Request" button.	The selected resource is displayed and the user is directed to the next step to select dispatch information.
6	Select dispatch day = 'Today' and the affected dispatch hours. Note: User must be able to select the hours except the current dispatch hour + 150 Minutes in EST (pre-dispatch restricted window).	Dispatch day is set 'Today' and the selected dispatch hours are displayed.
7	Upload supporting documentation to the request.	File is successfully uploaded and attached to the form.
8	Click the "Submit" button.	The cost profile change request is successfully submitted.
9	Click on the "Temporary FRL Change Requests" tile on the MPM dashboard	A list of all submitted temporary FRL change requests are displayed.
10	Verify that the submitted cost profile change request is reflected on the Realtime FRL reports from the IESO Private Reports site that are published on the same day.	The submitted change request is included in the RT FRL reports.

#### Test Case S1-TC02 | Market Participant submits a temporary fuel cost change request for an eligible dispatchable generator resource for Dispatch Day = Today.

Test Step #	Test Step Description	Test Step Expected Result
1	User should login to ONLINE IESO application with the following credentials:	User able to login into ONLINE IESO application successfully.
	- Username:	
	- Password:	

Test Step #	Test Step Description	Test Step Expected Result
2	'Select the navigation button and choose the "Market Power Mitigation" option. Click on "Submit Temporary Financial Reference Level Change Request" tile.	The 'Submit Temporary Financial Reference Level Change Request' form is displayed.
3	Under the section labeled "Please Select Organization, Request Type, and Resource", select an organization from the Organization list.	The list of organizations under the Market Participant is displayed, and the selected organization is reflected on the field.
4	Select Request Type = 'Fuel Cost Change.'	The 'Fuel Cost Change' option is selected under the Request Type, and the list of resources that are eligible for this request are displayed under the Resource field.
5	Select at least one dispatchable generator resource and click on "Select Parameter."	The selected resource is displayed, and the user is directed to the next section to select a parameter.
6	Select a parameter and click on "Proceed with Fuel Cost Change Request."	The selected parameter is displayed, and the user is directed to the next step to select dispatch information.
7	Select dispatch day = 'Today' and the affected dispatch hours. Note: User must be able to select the hours except the current dispatch hour + 150 Minutes in EST (pre- dispatch restricted window).	Dispatch day is set 'Today' and the selected dispatch hours are displayed.
8	Upload supporting documentation to the request.	File is successfully uploaded and attached to the form.
9	Click the Submit.	The fuel cost change request is successfully submitted.
10	Click on the "Temporary FRL Change Requests" tile on the MPM dashboard	A list of all submitted temporary FRL change requests are displayed.

Test Step #	Test Step Description	Test Step Expected Result
11	Verify that the submitted cost profile change request is reflected on the Realtime FRL reports from the IESO Reports site that are published on the same day.	The submitted change request is included in the MPM RT FRL reports. Note: For hydro resources, the report should reflect the new fuel cost for the requested resource and resources downstream of it.

## Test Case S1-TC03 | Market Participant submits a temporary high-cost profile change request for an eligible dispatchable generator resource for Dispatch Day = Tomorrow.

Test Step #	Test Step Description	Test Step Expected Result
1	User should login into ONLINE IESO application with the following credentials:	User able to login to ONLINE IESO application successfully.
	- Username:	
	- Password:	
2	'Select the navigation button and choose the "Market Power Mitigation" option. Click on "Submit Temporary Financial Reference Level Change Request" tile.	The 'Submit Temporary Financial Reference Level Change Request' form is displayed.
3	Under the section labeled "Please Select Organization, Request Type, and Resource", select an organization from the Organization list.	The list of organizations under the Market Participant is displayed, and the selected organization is reflected on the field.
4	Select Request Type = 'Cost-Profile Change.'	The 'Cost-Profile Change' option is selected under the Request Type, and the list of resources that are eligible for this request are displayed under the Resource field.
5	Select at least one dispatchable generation resource from the Resource field and then click on the "Proceed with Cost Profile Change Request" button.	The selected resource is displayed, and the user is directed to the next step to select dispatch information.

6	Select the dispatch day = 'Tomorrow' and the affected dispatch hours.	Dispatch day is set 'Tomorrow' and the selected dispatch hours are displayed.
	Note: users can only submit a day-ahead request during the DAM timeframe (from 6:00 AM EPT to 9:30 AM EPT).	
7	Upload supporting documentation to the request.	File is successfully uploaded and attached to the form.
8	Click the "Submit" button.	The cost profile change request is successfully submitted.
9	Click on the "Temporary FRL Change Requests" tile on the MPM dashboard	A list of all submitted temporary FRL change requests are displayed.
10	Verify that the submitted cost profile change request is reflected on the DA FRL reports from the IESO Private Reports site that are published on the same day to be applied for the next trade date.	The submitted change request is included in the DA FRL reports.

#### Test Case S1-TC04 | Market Participant submits a temporary fuel cost change request for an eligible dispatchable generator resource for Dispatch Day = Tomorrow.

Test Step #	Test Step Description	Test Step Expected Result
1	User should login to ONLINE IESO application with the following credentials: - Username: - Password:	User able to login to ONLINE IESO application successfully.
2	'Select the navigation button and choose the "Market Power Mitigation" option. Click on "Submit Temporary Financial Reference Level Change Request" tile.	The 'Submit Temporary Financial Reference Level Change Request' form is displayed.
3	Under the section labeled "Please Select Organization, Request Type, and Resource", select an organization from the Organization list.	The list of organizations under the Market Participant is displayed, and the selected organization is reflected on the field.

4	Select Request Type = 'Fuel Cost Change.'	The 'Fuel Cost Change' option is selected under the Request Type, and the list of resources that are eligible for this request are displayed under the Resource field.
5	Select at least one dispatchable generator resource and click on "Select Parameter."	The selected resource is displayed and the user is directed to the next section to select a parameter.
6	Select a parameter and click on "Proceed With Fuel Cost Change Request."	The selected parameter is displayed and the user is directed to the next step to select dispatch information.
7	Select the dispatch day = 'Tomorrow' and the affected dispatch hours.	Dispatch day is set 'Tomorrow' and the selected dispatch hours are displayed.
	Note: users can only submit a day-ahead request during the DAM timeframe (from 6:00 AM EPT to 9:30 AM EPT).	
8	Upload supporting documentation to the request.	File is successfully uploaded and attached to the form.
9	Click the "Submit" button.	The cost profile change request is successfully submitted.
10	Click on the "Temporary FRL Change Requests" tile on the MPM dashboard	A list of all submitted temporary FRL change requests are displayed.
11	Verify that the submitted cost profile change request is reflected on the DA FRL reports from the IESO Private Reports site that are published on the same day to be applied for the next trade date.	The submitted change request is included in the DA FRL reports.

### Additional Resources

- Market Rules Chapter 0.7 | System Operations and Physical Markets
- Market Manual 0.14.2- Reference Level and Reference Quantity Procedures

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