

15 MIN Base Schedule Test Changes to the UI

On April 16, 2019 two components of the Base Schedule Test results will be changing to a 15 minute granularity:

- Bid Range Capacity Test independently evaluates each 15- min intervals of trade hour (instead of hourly basis)
- Flexible Ramping Sufficiency Tests independently evaluates 15-min intervals of trade hour, constraining transfer limits for each 15-min interval that failed (instead of entire trade hour)
 - As part of this new 15 minute granularity, a new rule will automatically fail the Flexible Ramping Sufficiency Test status if the same 15-minute interval's Capacity Test fails

The changes will be delivered in two pieces. The first, which are changes to the existing BAAOP UI only, will be deployed on Monday, March 25, 2019. Please look for a System Operating Message on Monday that will notify you of the time and duration of the deployment. The second piece, which is the functionality, will be deployed on May 6, 2019.

What this means is that **starting Monday, March 25th until May 6th** the Flex Ramp Sufficiency test results and the Bid Range Capacity Test results will now be displayed in 15 minute intervals instead of hourly on the BSCH Execution Control Screen. **** Although the UI will look different, if any of the 15 minute intervals indicate a failure, the entire hour will be treated as a failure**, as the sufficiency test results prior to May 6th will be HOURLY results. As today, you will be held to last hourly value.

The Balancing and Feasibility tests will continue to be displayed hourly.

Enhanced BSCH Execution Control UI as of March 25:

The screenshot displays the BSCH Execution Control interface. At the top, there's a navigation bar with 'EIM > EIM > BSCH Execution Control'. Below it, a 'Current Case' section shows 'Current Case' with 'UPDATE' and 'CANCEL' buttons, and 'Case Description' as 'RTBS_3'. The trading period is from 03/05/2019 05:00 to 06:00 with 60 intervals.

The main section is titled 'Base Schedule Test Results' and is divided into three sub-sections:

- Balancing and Feasibility:** Shows a table with columns for BAA, Start Time, End Time, and Test Status. The status is 'PASS PASS'.
- Bid Range Capacity:** Shows a table with columns for BAA, Start Time, End Time, and Capacity (Up/Down). All entries are 'PASS PASS'.
- Flex Ramp Sufficiency:** Shows a table with columns for BAA, Start Time, End Time, and Sufficiency (Up/Down). All entries are 'PASS PASS'.

At the bottom, there's a 'Base Schedule Execution Control' section with 'UPDATE' and 'CANCEL' buttons, and a 'Base Schedule Output' section with a table showing 'Area Generation', 'Base NSI', 'Demand Forecast', and 'Base Load'.

BAA	Start Time	End Time	Area Generation	Base NSI	Demand Forecast	Base Load
	03/05/2019 05:00	03/05/2019 06:00	5,521.00	2,415.00	3,107.75	3,028.35

Base Schedule Test UI as of March 25th:

This UI has been enhanced to show the Flex Ramp Sufficiency test results in 15 minute increments. This UI is a repeat of the table from the BSCH Execution Control UI until the functionality is enabled and turned ON.

The screenshot shows the 'Base Schedule Test Results' interface. At the top, there is a breadcrumb trail: 'EIM > System > Base Schedule Test Results > Base Schedule Test'. Below this, there are filters for 'BAA' (set to a dropdown) and 'End Time' (set to '[ALL]'), with 'Apply' and 'Reset' buttons. The main content is divided into three sections, each with a table and a set of icons (refresh, filter, print, etc.).

Base Schedule Test Results - Balancing and Feasibility

BAA	Start Time	End Time	Test Status	
			Balancing	Feasibility
	03/21/2019 12:00	03/21/2019 13:00	FAIL	PASS

Base Schedule Test Results - Flex Ramp Sufficiency

BAA	Start Time	End Time	Sufficiency	
			Up	Down
	03/21/2019 12:00	03/21/2019 12:15	PASS	PASS
	03/21/2019 12:00	03/21/2019 12:30	PASS	PASS
	03/21/2019 12:00	03/21/2019 12:45	PASS	PASS
	03/21/2019 12:00	03/21/2019 13:00	PASS	PASS

Base Schedule Test Results - Bid Range Capacity

BAA	Start Time	End Time	Capacity	
			Up	Down
	03/21/2019 12:00	03/21/2019 13:00	PASS	PASS

For all real time issues, please contact the RTMO.