Data Viewer Enhancements

Title	Page	Defect/Enhancement	Steps to recreate defect/enhancement	Member Priority
LMP Hourly Price	Load	The LMP graphical display should be shifted so the LMP price is accurately graphed based on the hour ending price. For example, if the hourly price is $20 for hour ending 14:00 the graph should display a price of $20 from 13:00 to 14:00. Currently the system displays the price for $20 from 14:00 to 15:00.	Steps: - Log onto Data Viewer as secure user - Select Locational Marginal Price sub-tab	1
LMP Graph Loading	Default log in page	LMP graph does not load properly	Steps: - Log on to Data Viewer as guest or secure user - Click on Legend, legend says no record found. - Stay on the page for 5 min and Error sign appears. - Click on "Select LMPs" , User receives Error sign on the Select LMP pop-up too.	2
LMP Graph Scaling	LMP	On the LMP screen, graph scaling for future hours is inconsistent. This is evident when selecting the 36h zoom level and comparing the amount of graph space occupied by past and future hours. Data Viewer should display consistent screen spacing o the past and future hours.	Steps: - Log onto Data Viewer as secure user - Select Locational Marginal Price sub-tab - Click the Zoom level "36h"	3

LMP Averages	LMP	Provide the ability to calculate average LMPs over a user-selected sliding time range.	Steps: - Log onto Data Viewer as secure user - Select Locational Marginal Price sub-tab - Click "LMP Average Values"	4
User Selected Defaults	LMP	Data Viewer does not maintain user-selected options when the user navigates between tabs and sub-tabs. Implement changes to Data Viewer such that user-selected options and customizations persist when the user navigates between the tabs and sub-tabs	Steps: - Log onto Data Viewer as secure user - Select legend/data table on LMP tab - Navigate to Load tab and the data table disappears.	5
Click and Zoom for Graphical Displays	All pages with zoom functionali ty , except the load page	Enable "click and drag" zooming functionality, similar to the functionality on the Load page, on all Data Viewer graphical displays.	Steps: - Log onto Data Viewer as secure user - Select Load sub tab - Click and drag the graph to select a zoom range	6
Column Sort	Tie Flow	On the Ties and Interface tab, clicking the "Tie Values" link displays a pop-up tabular display. The column sort functionality does not work on the tabular display.	Steps: - Log onto Data Viewer as secure user - Select Ties and Interfaces Tab - Click the "Ties Values" link - Attempt to sort the table by Name, Actual, or Scheduled	7

Dispatch Rate Lambda Zoom	Dispatch Rate	On the Dispatch Rate Lambda page, the default zoom level ("all") displays 7 hours of historical data, it should display 5 hours of historical data.	Steps: - Log onto Data Viewer as secure user - Navigate to Dispatch Rate Lambda - Click the "All" zoom level	8
Tab Cycling Default	Default log in page	Tab cycling should default to "OFF" after an authenticated user navigates to another tool application	Steps: - Log onto Data Viewer as secure user - Set cycle tab options to YES and save - Navigate to Account Manager/BLIT/any other app - Navigate back to Data Viewer	9