

FIRSTFUEL

Enhanced Data and Portfolio Add-On

Product Specification

Revision 1.0 – June 2017

Enhanced Data & Portfolio Add-On

The Enhanced Data & Portfolio Add-On includes the following features and capabilities:

(1) Customer-Facing Web Portal Features

Feature	Definition
Multi-Meter Custom Grouping	<p>Enables users with multiple Service Delivery Points at a single site and/or multiple sites to view, download, and compare cost and usage data for all fuel types and all Portfolios, Sites, and Service Delivery Points that a Web User may access. This includes:</p> <ul style="list-style-type: none"> • Selecting Portfolios, Sites, and Service Delivery Points to view as time series in chart or as a data table • Viewing data for the selected Portfolios, Sites, and Service Delivery Points in aggregate, or in separate data series for easy comparison • Creating and saving custom groupings for ongoing analysis and comparisons • Toggling between usage and cost, and fuel type (electric and gas) • Compare sites to sites, meters to meters, etc.
Advanced Data Presentment	<p>Provides users with additional load insights that help them better manage energy usage and costs, including:</p> <ul style="list-style-type: none"> • A trend of the apparent power (kVA) supplied by the utility for a specific service delivery point • A trend of the reactive power (kVAR) supplied by the utility for a specific service delivery point • A trend of the calculated power factor for a specific service delivery point (PF = power (W)/apparent power (kVAR)) <p>➤ Note: Users have additional ‘View By’ options on their ‘Cost & Usage’ trends chart.</p>
Annual Demand Intensity Chart	<p>A visual heat map of a site’s demand in the past 12 months. Each day is represented by a single line with color gradient corresponding to hourly demand intensity. Heating Degree Days (HDD) and Cooling Degree Days (CDD) illustrate energy required to heat or cool the site given the local temperature on each day.</p> <p>➤ Note: Requires Interval Data.</p>
Net Metering (NEM) Display	<p>Provides users who have a bi-directional NEM meter an additional NEM chart with the following data series:</p> <ul style="list-style-type: none"> • Supplied Electricity: Shows users how much energy was provided by the utility • Net Electricity: Shows the net electricity consumed from the

utility for a site

- **Excess Electricity:** Shows amount of energy delivered by the site back to the grid (energy in excess of their consumption needs)

➤ **Note:** Requires Interval Data.

Definitions

Customer Account: Small Medium Business or Large Commercial or Industrial customer of the utility. This cannot be a residential customer.

Demand: Energy consumed at a period in time, typically measured in kW, therms/day.

Service Account: A contract between a customer and a utility to receive a particular service at a specific Service Delivery Point.

Service Delivery Point (SDP): A fixed point at a Site or building where a meter is installed and energy is delivered. SDP Identifier is a key attribute and should never change regardless of if the meter or customer changes. An SDP can be de-energized, but is never removed unless the site/building is destroyed. One or more SDPs may belong to a single site/building.

Site: A physical building, facility, or premises at a location. Details about the Site (size, occupancy etc.) are captured in a Site Profile. Site may also be referred to as a building, location, or premise. Site is defined by a collection of Service Accounts located at the same physical address.

Usage: Energy consumed over time, typically measured in kWh, therms, CCF, etc.

Utility: An organization that purchases Add-Ons from Oracle or FirstFuel.

Web User: An individual with an online utility account. The web user may have one or more customer billing accounts ("Customer Accounts") linked to their utility online account. With respect to the features specified in this document, a Web User may have many customer accounts, and hence may receive multiple emails.