



MCG ENERGY SOLUTIONS, LLC

Software Solutions for Energy

JURISDICTION LOAD MANAGER

www.mcgenenergy.com

MCG's Jurisdiction Load Manager (JLM)

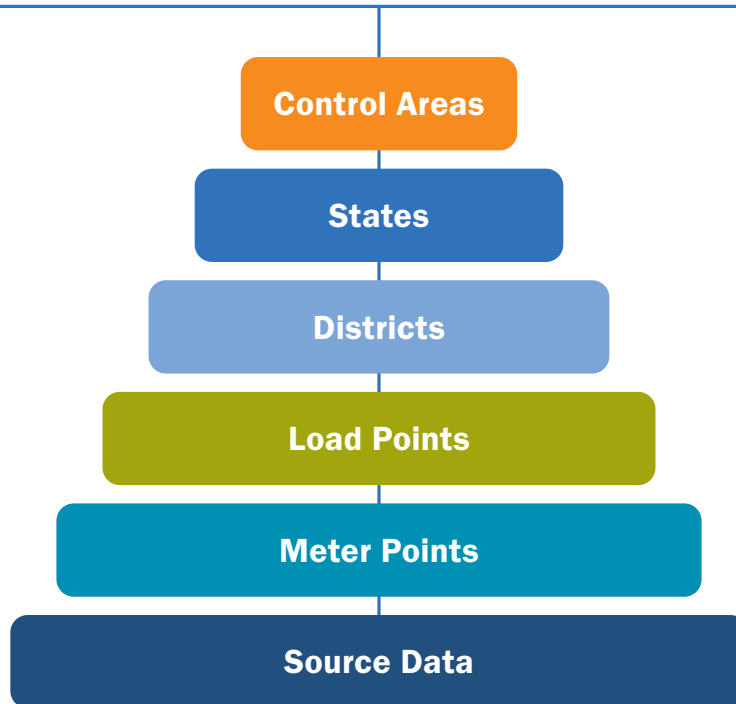
MCG Energy's Jurisdiction Load Manager (JLM) provides a comprehensive solution for energy businesses with large territories and geographic interconnections. JLM efficiently calculates, organizes, streamlines, visualizes, and automatically validates jurisdictional load data across states and regions. It integrates data from numerous transmission customers, third-party Load Serving Entities (LSEs), generator owners, neighboring Balancing Authority Areas (BAAs), and internal sources into a single, flexible, and user-friendly meter data management platform.

As a module of MCG Energy's Energy Accounting System (EAS), JLM offers native integration that allows it to consume data from EAS as required. JLM performs intricate calculations with meter data, aggregations of load, and sets of resources. The JLM dashboard enables users to easily load, review, and compare data from various sources, facilitating issue identification and investigation, and allowing for manual profile edits when needed. Enhanced data roll-up, listing, and imaging features enable users to easily determine the source data and meters belonging to tiered areas within the company's control areas.

Key Features

- _ **Multi-tiered Data Hierarchy:** Visual and list representations illustrate how source data and meters roll up to load points across districts, states, and control areas.
- _ **Complex Calculation Engine:** Performs intricate logical and Boolean calculations, including the configuration and definition of entity points, hierarchy, aggregation, reporting, and data export.
- _ **Automated & Manual Updates:** Sends both automated and manual updates of the most accurate meter data to markets.
- _ **User-Friendly GUI:** Easily add and configure new meters with user-defined fields using the intuitive graphical user interface.
- _ **Data Comparison & Validation Dashboard:** Compare, validate, and update meter data through the comprehensive dashboard.
- _ **Reporting Dashboard:** Easily generate both standard and ad hoc reports.
- _ **External User Access:** Allows external users to log into a limited, self-service portal to verify and approve reports and data they are authorized to access.

JLM DATA POINT HIERARCHY



Integrates and rolls up meter data from numerous customers, LSEs, owners, BAAs, and internal sources over broad geographic areas in one platform, enabling users to calculate, load, review, compare, and validate information from various sources and to easily determine which tiered areas data and meters belong to within your organization's control areas.

Key Benefits

- _ **Seamless Data Handling:** Import meter data from multiple sources. Compare current, historic and expected values. Check out and update meter readings. Validate data quality and results.
- _ **Comprehensive Data Management:** Aggregate and manage complex meter data from source level and allocate to districts, states, balancing areas and other jurisdictions.
- _ **Enhanced Data Validation:** Customizable enhanced validations on meter data quality, data collection completeness, calculation results, and errors. Visualize meter roll-ups, attributes and spatial relationships.
- _ **Secure SaaS Hosting:** Hosted in MCG Energy's SOC2, NIST SP 800-53 (Moderate), and FedRAMP-compliant Private Cloud.