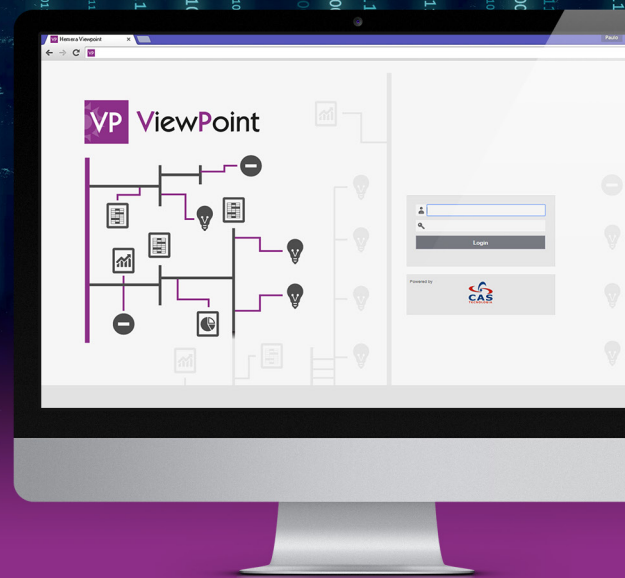
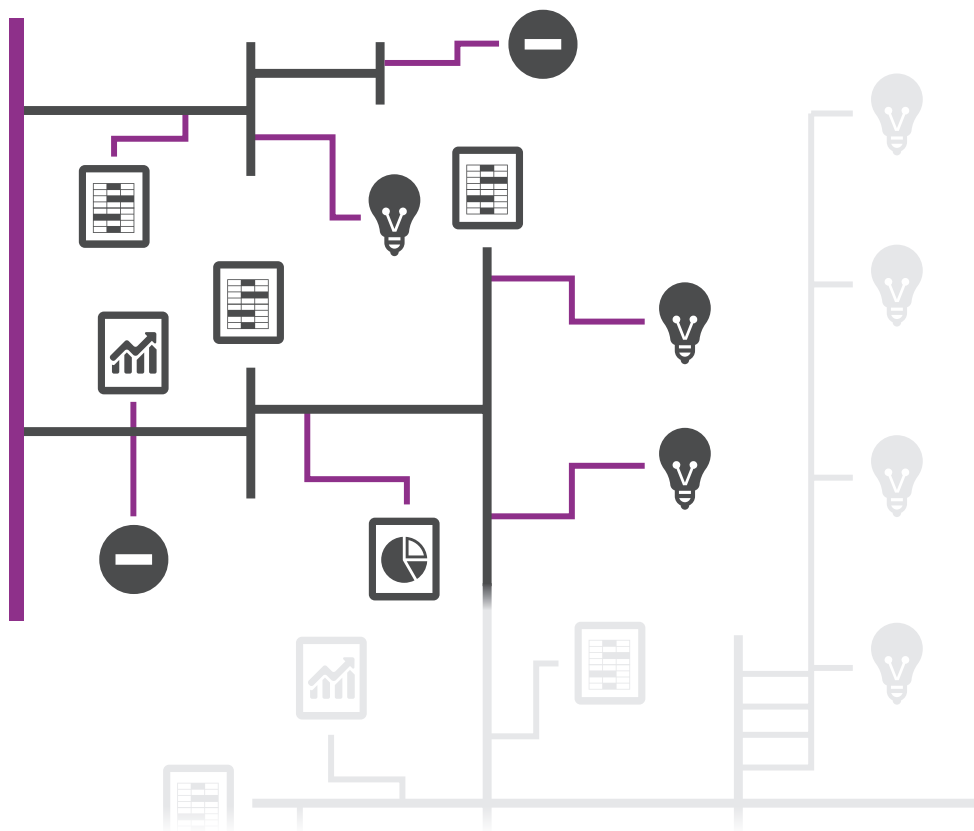


CAS Hemera ViewPoint



Utility's integrated operational metering management as an important tool for load balance analysis.

ViewPoint system offers operational metering integrated management for utilities, enabling a web-based visualization of energy and consumption data, allowing centralized analysis of different points of the network, which are important for load balance.



Advantages:

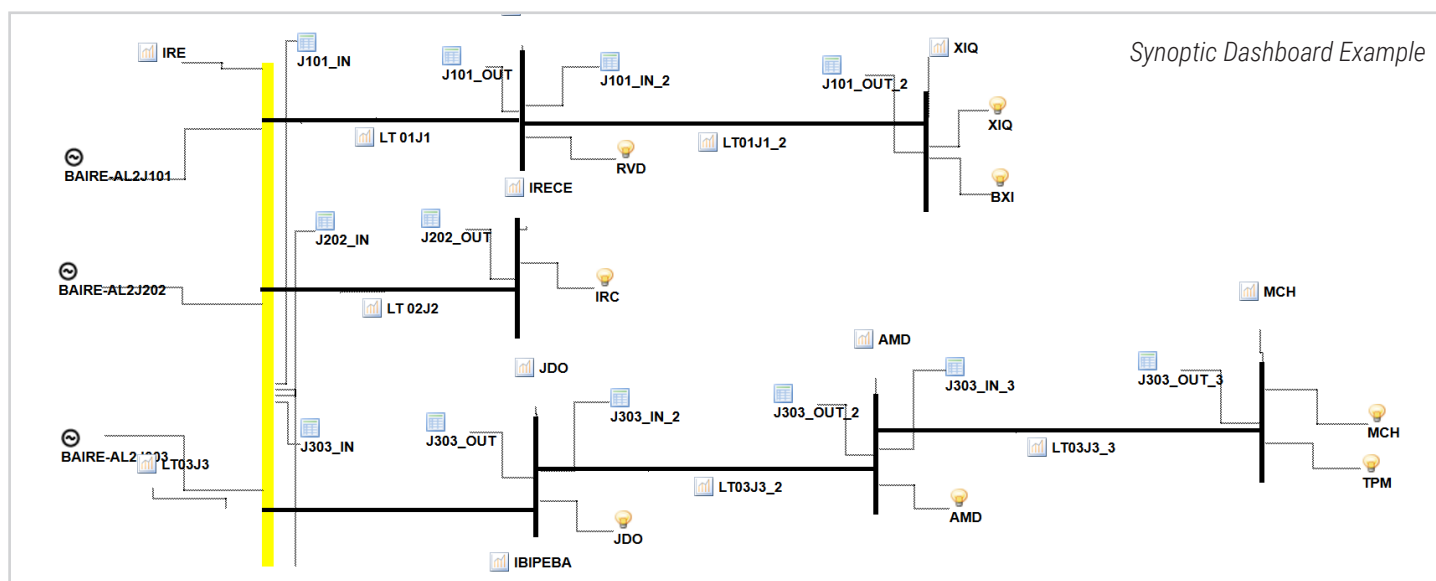
- Metering all load segments identifies electric load flow in the transmission network.
- Consolidation and automatic analysis of up-to-date information allows energy balance management and losses analysis, collaborating for decision-making.
- Performs centralized and efficient load management with no need for changes in the existing data structures and systems.
- Provides resources and tools to continuously assist customers monitoring for an agile and efficient load management.

Operational Metering Integrated Management

CAS Hemera ViewPoint centralizes and consolidates data from different systems to determine the actual situation about technical losses and feeder circuits, enabling the full integration of automation data (SCADA), Energy Commercialization Chamber metering data with boundary and large clients (free and captive) metering data.

From information consolidation and automated analysis, the system allows energy balance management and losses analysis, identifying the energy flow in the transmission network. The energy flow monitoring in the basic network of the utility can be carried out daily, allowing mapping the network behavior in a detailed way.

Features and Functionalities



Comparative report of main and rear loads

The main and rear comparative load reports allow the evaluation of operational metering using the comparison between the resulting metering (accurate data) and the verification metering (less precise operational metering provided by the utility operating system). This way, it is possible to detect points that could harm the precise load matching.

Loads Comparative Report

In order to evaluate the current load behavior, these reports are comparative data consolidated historical, used as basis to enable the load/point metering evolution. The load comparative between different periods (months) can be carried out through specific reports and the information is presented in graphics of losses for each metering point, by determined period.

Synoptic Panel

The synoptic panel presents the transmission network topology mapping with the specification of every point that influence the load matching. This feature also allows identifying the energy flowing in the network per segment. The panel presents the sections in which the balance should be applied through the loads behavior analysis and boundary points. Main, rear and operational meters readings are performed.

Verified Matching Load Report

Through consolidated information, this report provides access to records of all matching load performed.