

How Energy Managers Use Utility Bill Data to Reduce Costs and Analyze Portfolio Performance

The tools every energy manager needs to optimize utility rates and find cost saving opportunities

Many organizations use a utility bill management (UBM) solution to manage bill collection and processing, but lack the tools needed to analyze the large amount of data collected. Enel X's UBM application offers a centralized data platform that gives energy managers the validated data needed to report financial, operational, and sustainability performance both across the portfolio and for individual sites.

With Enel X's bill data business intelligence (BI) tool, energy managers can easily zoom in and out from high-level portfolio reporting down to granular line-item utility bill data. Moreover, the BI tool allows energy managers to summarize, calculate, and pivot utility data within the platform to identify cost reduction opportunities.

Here are three of the most common ways energy managers use Enel X's BI tool to reduce costs.

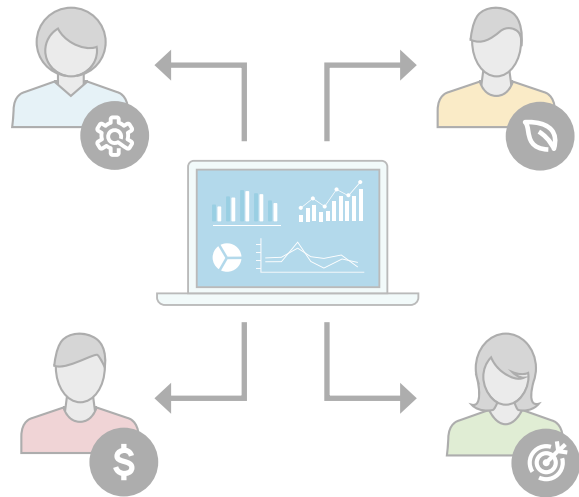
Save Time

With a native BI tool, Enel X's UBM solution allows energy managers to analyze and present actionable energy insights without wasting time reconciling data from different platforms or relying on offline spreadsheets.



Improve Energy Visibility

The BI tool allows energy managers to track and report energy intensity and efficiency for different stakeholders in the organization. For example, the tool can translate bill data into kWh/sq. ft. for the facility team, \$/revenue for finance, and \$/metric tons CO2e for the sustainability department. The tool can also report energy performance in terms of \$/employee, kWh/widget, \$/kWh, \$/business unit, \$/region, \$/property manager, and \$/asset type. The use cases are virtually limitless.



Reduce Costs

Improving visibility into energy costs and consumption helps energy managers evaluate sites to prioritize cost-saving initiatives.

The insights available from Enel X's BI tool often identify:

- > **Opportunities to optimize rates and tariffs:** By reporting on time-of-use charges, demand charges, and other utility bill line items, energy managers can easily identify sites that may qualify for more favorable rates and tariffs—a no-cost measure that can reduce spend significantly across the portfolio.
- > **Opportunities to adjust operational schedules or improve equipment:** In addition to rate and tariff optimization opportunities, energy managers can use the BI tool to uncover load shifting or equipment upgrade opportunities. Sites with the highest demand charges, power factor penalties, or volume abnormalities may offer significant savings potential.

- > **Opportunities to incorporate distributed energy resources (DERs):** Energy storage, solar panels, fuel cells, and other DERs can play a pivotal role in reducing demand charges, time-of-use charges, power factor penalties, and volume abnormalities. Visibility into site-level performance is essential for evaluating these opportunities across the portfolio and understanding the return on these investments.

