

How Sustainability Managers Use Utility Bill Data to Measure Energy and Sustainability Performance

Collecting, tracking, and reporting accurate data can be the biggest obstacle to a successful sustainability program. While many utility bill management (UBM) solutions can gather energy consumption and other sustainability data, few programs provide the tools sustainability managers need to manipulate resource data and report performance accurately. Here is a breakdown of the biggest challenges facing sustainability managers, and how Enel X's UBM solution helps to solve them:

1. Global Data

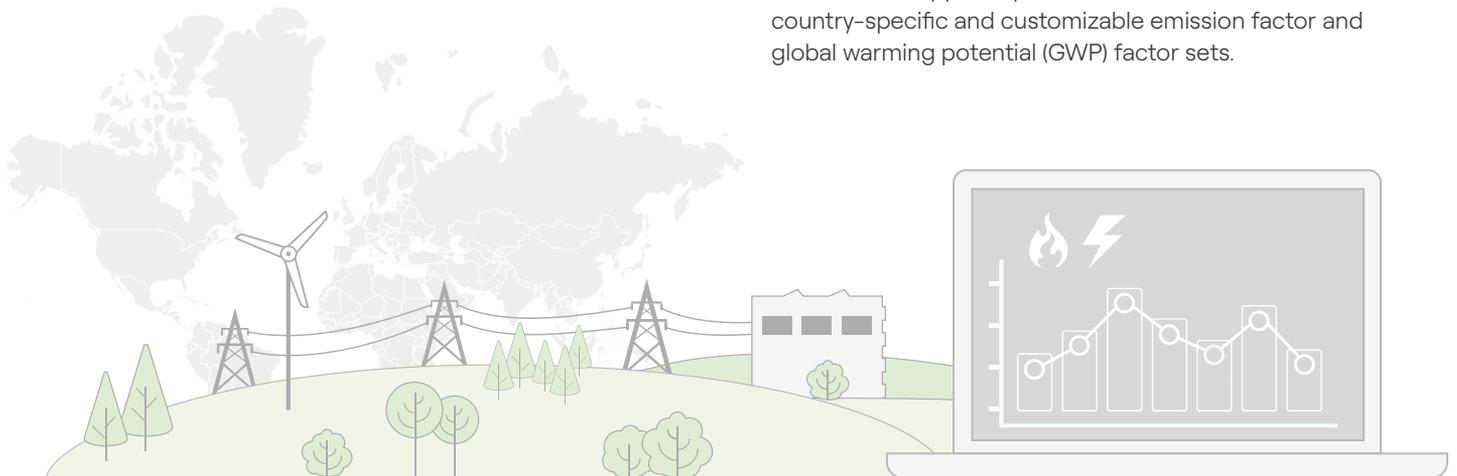
Gathering, Converting, and Accessing Portfolio-Wide Energy Data

Reporting accurate sustainability performance requires gathering data from every site across the portfolio. Utility Bill Management (UBM) on Enel X Connect provides online access to validated utility data for global portfolios, cataloguing line-item bill data from over 200 countries and more than 50 commodities. Users can easily convert energy, water, and other commodity data into CO₂e or other units and KPIs to comply with various reporting standards.

2. Greenhouse Gas Reporting

Managing Emission Factors and Global Warming Potentials

Compliance with regulatory and industry standards such as the CDP, EU ETS, and RE100 requires calculating greenhouse gas (GHG) emissions based on WRI's Greenhouse Gas Protocol, which distinguishes between market-based emissions and location-based emissions. Enel X's UBM experts work closely with global sustainability managers to determine the appropriate geographic vs. market based treatment and applicable emission factors for each site in their portfolio. The Emission Factor Tool in Enel X Connect provides a current database of supplier-specific emission factors, as well as country-specific and customizable emission factor and global warming potential (GWP) factor sets.



3. Renewable Energy

Tracking, Managing, and Reporting Renewable Purchases

For sustainability managers, tracking the environmental impact of their organization's renewable energy purchases requires navigating complex deal structures, such as PPAs, VPPAs, EACs, and green tariffs. Sustainability managers use the Renewable Energy Dashboard in Enel X Connect to track all data associated with the purchase, consumption, and generation of renewable energy, measure its impact on their corporate sustainability goals, and report the financial and environmental performance of their renewable assets.

4. Data Validation

Third-Party Verification and Assurance

To meet the demands of investor communities focused on sustainability, such as the CDP and PRI networks, data needs to be verified by third parties. Enel X's UBM application on Enel X Connect maintains an emission audit trail for market-based data points used in disclosures, giving sustainability managers an easily accessible and validated data set for third-party verification.



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International manufacturer with 350+ global locations in 45+ countries

- > Passed 3rd party verification to level of *reasonable assurance* under the ISO 14064-3 *Standard for GHG Verification*
- > Total Scope 1 + Scope 2 GHG data variance of 0.02%
- > Ranked on Carbon Disclosure Leadership Index