

Energy and Utility Customer Success

Case Study: A Global Energy and Utilities Company Unifies Data for ESG Reporting and Asset Management with Oracle Cloud EDM

This success story illustrates how a multinational energy and utilities firm, navigating a massive transition toward renewable energy, leveraged Oracle Cloud Enterprise Data Management to centralize its data, enabling a new level of business agility and strategic insight.

Business Pain and Need

The client, a global leader in the energy and utilities sector, was facing a major challenge: a fragmented data landscape that was hindering its ability to meet new environmental, social, and governance (ESG) reporting requirements. The company had a patchwork of systems, with each business unit—from power generation to transmission and distribution—operating on different applications. This created major inconsistencies in key data, such as cost centers, asset classes (e.g., wind turbines, power plants), and environmental metrics (e.g., carbon emissions). Senior leadership lacked a single, unified view of the network's financial and operational performance. It was a tedious, manual, and often inaccurate process to analyze profitability by asset type or to model the impact of a new renewable energy project. The CIO and CFO recognized that this lack of data integrity was hindering their ability to make strategic decisions and was creating a major risk to their ESG reporting and compliance efforts. They needed a single source of truth for all their financial master data.

The Solution

The company implemented Oracle Cloud EDM as its central data governance platform. The implementation focused on three key areas:

Financial Hierarchy Governance: EDM was used to create and manage a single, standardized chart of accounts and cost center hierarchy across the entire organization. This ensured that all financial data, from individual unit transactions to system-wide reporting, was aligned.

Asset and Service Data Alignment: The firm leveraged EDM to create a consistent taxonomy for its various asset classes (e.g., solar, wind, and thermal) and service lines. This enabled them to accurately track and analyze profitability by service, which was previously impossible due to inconsistent data.

ESG Reporting: The company used EDM to create a unified data model for its ESG reporting, ensuring that all data related to environmental, social, and governance metrics was consistent and auditable. This streamlined the reporting process and reduced compliance risk.

Implementation Timeline

The project was executed in a phased approach over seven months. The initial phase focused on designing and implementing the core financial hierarchies. Subsequent phases included the integration with their EPM and ERP systems, and the implementation of governance workflows for different departments. This iterative process allowed the organization to achieve quick wins and minimize disruption to its ongoing operations.

ROI and Business Value

The implementation provided a rapid and clear return on investment by delivering significant business value across the organization. The key ROI metrics included:

Faster Financial Close: The company reduced its financial close time by 40% by eliminating manual data reconciliation and validation.

Improved Strategic Decision-Making: For the first time, leadership had a unified, accurate view of profitability by asset type and service line, enabling them to make better-informed decisions about resource allocation and expansion into renewable energy.

Reduced Audit Risk: The automated, auditable workflows ensured complete data integrity, which simplified the audit process and reduced compliance risk.

Increased Productivity: By empowering business users with a self-service EDM platform, the company freed up its IT team to focus on more strategic, high-value projects rather than day-to-day data management.