

Analytics Center of Excellence

Essential business and operational insight – delivered better, faster, and more efficiently.

The Challenge

Tapping into actionable data

Distributed generation, micro-grids, and performance-based rate making require increasingly complex data. At the same time, your smart grid is collecting consumption, outage, voltage, and other relevant data at an accelerating pace.

Your data can be a tremendous source of enterprise value – but tapping into it can be increasingly challenging.

- ◆ How do you manage the portfolio of analytics required by stakeholders across your organization?
- ◆ How efficiently can you produce actionable insight from multiple source systems?
- ◆ How do you prioritize competing analytics requests from your business?
- ◆ Do you have sufficient analytics expertise to meet business needs?

The Solution

Create an analytics center of excellence

The shift toward becoming a digital utility warrants a fresh approach to analytics and data management. Many utilities find it beneficial to establish an analytics center of excellence (CoE) – a structure that consolidates the right skills, strategies, processes, and technology to deliver the evolving insight today's utility operations demand.

With an uncommon blend of expertise – including years of energy and utility experience

and deep skills in analytics strategy and technology – we can help you establish an analytics CoE tailored to your utility's operations.

Our team can assist with all aspects of creating an effective analytics CoE:

- ◆ Assess current practices and capabilities
- ◆ Quantify the potential costs and benefits
- ◆ Define an optimal CoE structure for your business and the roles and expertise required to support it – including strategic leaders, business liaisons, data scientists, and technical specialists

THE BOTTOM LINE

ELEMENTS OF AN EFFECTIVE ANALYTICS COE:

- PROGRAM AND PORTFOLIO MANAGEMENT
- DIVERSE EXPERTISE AND SKILLS
- DATA GOVERNANCE POLICIES AND PROCEDURES
- STANDARD AND REPEATABLE PRACTICES
- TECHNOLOGY PLATFORM AND TOOLS
- DEDICATED SUPPORT STAFF COACHING AND TRAINING

CASE STUDY

ENERGY & UTILITIES

BUSINESS INTELLIGENCE, ANALYTICS, & VISUALIZATION



GRID/UTILITY ANALYTICS



- ◆ Adopt leading approaches for prioritizing analytics services and maintaining available, secure, and usable data
- ◆ Define appropriate metrics and key performance indicators (KPIs)
- ◆ Identify and implement appropriate tools and technologies
- ◆ Introduce advanced predictive and prescriptive analytics capabilities
- ◆ Integrate data efficiently from various source systems

The Impact

Turn volumes of data into enterprise value

Powered by the right skills, processes, strategy, and tools, an analytics CoE allows your utility do more with its volumes of data:

- ◆ Increase grid reliability and resiliency through predictive asset management
- ◆ Respond effectively to evolving customer and regulatory demands
- ◆ Create greater value for stakeholders

More significantly, it allows you to do all of these things better, faster, and more efficiently. 