

**Client Value Proposition:** Optimize infrastructure activities by balancing service levels and costs

**Strategic Value:** Ensure asset reliability, determine asset replacement and maintenance strategies, assess asset utilization

**Information and Analytical Capabilities:**

- Perform timely analysis of asset characteristics and performance to ascertain and monitor asset health and impact on other dependent assets in the grid
- Develop and evaluate effectiveness of maintenance and replacement strategies and rules (e.g., RCM)
- Analyze asset health together with forecasted demand to determine optimal capital planning investments and prioritization of work
- Reconcile asset inventory across systems and databases to improve overall accuracy and tracking of portfolio

**Example Metrics:** ASAI, CAIDI, SAIDI, SAIFI, SAIFI Short, CHI, CI, % Assets on RCM, % Assets on RTF, % Assets Documented, # Assets Scheduled for Maintenance/Replacement, % Assets Overdue for Maintenance/Replacement, Vehicle Downtime Hours, Asset Condition Index, Asset Value

**Related Modules:** Capital Planning and Management Analysis, Meter and Demand Management Analysis, Customer Care Analysis, Work Management Analysis

***Meeting Energy Industry Challenges***