



Plant Life Assessments

Plant Life Assessments provide information on plant condition that will help you optimize current Operations & Maintenance (O&M) practices and help you utilize your assets more effectively to meet the rapidly changing utility and industrial markets.

How Black & Veatch Can Help



Define asset condition, and provide O&M and capital improvement recommendations, which will extend the life of the assets to meet production service's needs.



Pinpoint gaps in equipment maintenance, safety and reliability, and provide recommendations and cost estimates for next step actions.



Identify issues affecting reliability, including evaluation of operation and maintenance processes, procedures, staffing and budget.



Find safety related issues and document findings.



BLACK & VEATCH

Plant Life Assessments

Black & Veatch's Operation & Maintenance Services offer three distinct Plant Life Assessments tailored specifically to your needs.

- **Asset Review**
 - A high-level, unit-specific assessment that includes on-site interviews and observations to forecast future requirements.
 - Identify major issues that affect long-term profitability of the asset(s).
- **Economic Evaluation.** Key deliverables include:
 - Summary of plant condition
 - Conditional assessment
 - Forecast of maintenance and capital projects considering the future operation of the plant.
- **Engineering Evaluation of Remaining Life**
 - The review of the remaining life in major components based on technical analysis of the condition and likely failure modes.
 - The results are incorporated into a strategic plan for each asset, prioritized based on condition and site-specific economics.

Plant Life Assessments are available for the following conventional generation types:

- Gas Turbines
- Combined Heat and Power
- Reciprocating Engines

Achieve Your Objectives

Maximize ROI

Implement a proactive management solution to maximize the return on Operations & Maintenance (O&M) spending and capital investments.

Increase Sustainability

Define sustainable strategies, implement efficiency targets, and simplify quantitative performance tracking.

Improve Service Quality

Manage outcomes, asset performance, and operations to higher tolerance levels in order to improve service quality.

Drive Operational Efficiency

Streamline operations and simplify lifecycle management.

Enhance Reliability and Safety

Ensure that maintenance practices are aligned with industry best practice to increase reliability and safety.

Make informed decisions about maintenance based on condition rather than time.