



A leading American power and energy company with asset portfolio that includes 25kMW of power generation, 6k miles of electric transmission lines and ~15k miles of natural gas transmission.

Challenge

- Understand factors that contribute to pole decay
- Predict inspection time to validate the structural soundness of poles.
- Estimate the value of a comprehensive inspection and circumstances warranting it

Cherrywork® Predictive Asset Analytics Application

Solution

Integrating Predictive Maintenance for electricity distribution pole to understand factors that contribute to pole decay and provide insight to the value of comprehensive inspection v/s a streamlined inspection and circumstances that warrant each inspection type.

Outcome

- Determine pole failures which could highly impact the electricity supply
- Reduction in overall pole failures and manual inspection resulting in cost savings
- Help predict failures by studying patterns in pole data, usage, environment, and correlation of the factors with any known issues



Business Impact

<3%

Reduction in overall pole failures

60%

Reduction in manual inspection

90%

Accuracy in prediction of pole failures