

Vegetation Management

Build evidence-based vegetation management strategies with AI-powered predictive insights.

With 30% of the O&M budget allocated to vegetation management, utilities need more efficient planning methods. Traditional approaches fall short.

- Cadence-based vegetation management lacks contextual insight.
- Management decisions rely on experience and speculation over evidence, leading to uncertainty and decreased productivity.
- The inability to test the impact of different variables results in sub-optimal decisions.

GridInform Vegetation Management uses over 400 utility-specific variables and a variety of external sources to create a data-driven digital simulation that helps you:

- Make informed decisions based on AI-powered data science.
- Act with confidence in your risk assessment.
- Perform scenario planning.

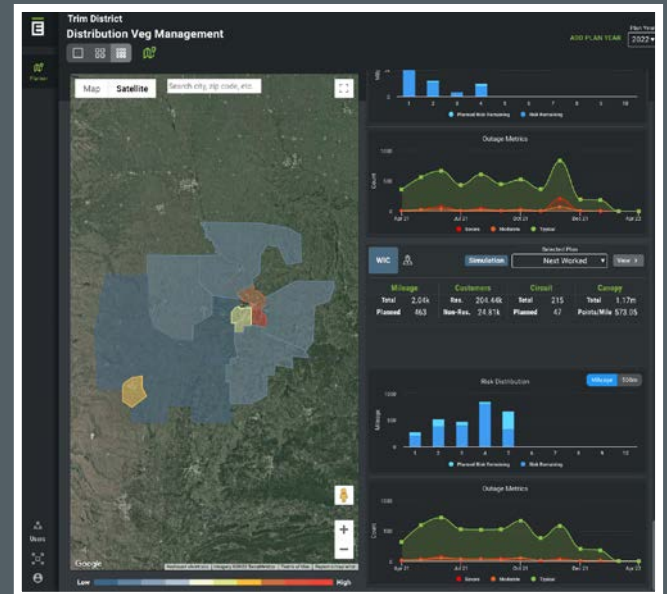
Our AI-powered approach helps you understand every budgetary, safety, and reliability impact in seconds—not years—so you can price and prioritize actions. The result is better data-driven decisions designed to help you optimize your vegetation management budget.

How it works

Our machine learning models blend your data with third-party data, including satellite imagery, to deliver a dynamic decision-making system that provides insights and actions tailored to your goals. With GridInform Vegetation Management, you can:

- Reduce vegetation management costs by up to 20%.
- Run scenario planning on a digital replica of the grid based on your unique utility data.
- Develop models to predict outages across the entire system.
- Identify and target high-risk spans to increase grid reliability and public safety.

GridInform Vegetation Management visualizes your data and our risk predictions in a modern, scalable, and secure web application.



The GridInform Advantage

Contextual

Tailored to a utility's system, data, and profile so that your unique demands are addressed.

Predictive

Predicts, prices, and prioritizes management decisions based on the expected outcome.

Actionable

Turns insights into action with a detailed data-driven plan.

Comprehensive

Uses a rich variety of sources—including utility historical data and satellite imagery—to create a complete picture.

To address your vegetation management challenges and optimize your grid investments with E Source GridInform, contact us at esource@esource.com or visit www.esource.com/grid-and-asset-optimization.