POWERED BY SPOTLITE TREEGUARD™

HOW A NATIONAL POWER DISTRIBUTOR CUT VEGETATION SPEND BY 36%

36%
lower annual vegetation budget

€25M → €16M
≈ $40M → $26M CAD*

A national-scale operator managing 89,000 km of transmission and distribution lines replaced manual, fragmented vegetation planning with satellite- and AI-driven risk monitoring, and turned one of its largest operating costs into a data-backed, auditable program.

89,000 km
powerline network monitored

12 weeks
from start to full implementation

<48 hrs
data processing, down from weeks

GIS + SAP
direct, fully integrated data feed

THE CHALLENGE

High, hard-to-justify costs. A vegetation budget above €25M a year, with little visibility into return on spend.

Slow, manual workflows. Data passed by hand between GIS, SAP and field mobility systems, delaying decisions.

Limited auditability. No reliable way to verify contractor work as it happened.

THE SOLUTION

Spotlite TreeGuard™, a satellite-based vegetation monitoring platform, went live network-wide in 12 weeks, delivering:

- An automated risk matrix weighing proximity, tree vitality, species and terrain
- Risk-based work priorities aligned with the available budget
- District-level reporting flowing straight into SAP and GIS
- Ready-to-use KMZ map files for field crews

THE RESULTS

METRIC	BEFORE	AFTER
Annual budget	€25M ≈ $40M CAD*	**€16M (–36%)** ≈ $26M CAD*
Processing time	Weeks, manual	**Under 48 hours**
Data integration	Fragmented	**Direct GIS–SAP feed**
Auditability	Limited	**Satellite + ground cross-check**

> "The Opex reduction and the visibility Spotlite brought … have made a real difference."
>
> Senior Operations Manager, Power Distribution Company