TAKE THE MYSTERY OUT OF POLE LOADING WITH SPIDA® CALC

Utility companies and their contractors are required and committed to ensuring the safety and reliability of their overhead assets, yet they often struggle to develop consistent processes needed to accomplish these goals. Traditional methods of overhead pole loading are manual, tedious, and time-consuming, often involving quite a bit of guesswork. As a result, organizations lose confidence in the integrity of their system, leading to financial misspends, unreliable service, and safety concerns.

No longer treating pole loading software as a black box, SPIDAcalc makes it straightforward to model, analyze, and optimize overhead T&D assets. SPIDAcalc gives organizations transparency, control, and sophistication through integration and flexibility on collection, material specification, and analysis methods.

Software Highlights

SUPERIOR USER INTERFACE
SPIDAcalc boasts a configurable layout that users can tailor to their individual needs. Customize your individual experience with configurable workspaces that can be extended onto multiple monitors and saved for future use. Quickly create overhead designs using drag-and-drop menu selections with one of several views, including an interactive 3D View, a pan/profile Graphic View, a Table View, or right on the map. Design can be find-tuned using the integrated photo measuring tool for attachment heights and the Advisor will help you optimize your designs.

CLOUD-BASED ANALYSIS
With the ability to analyze an entire project simultaneously by sending it to the cloud, SPIDAcalc provides the scalable horsepower to handle the analysis of 1 pole or 100,000 poles in a matter of minutes.

ANALYSIS ENGINE
Built on the industry's leading geometric nonlinear analysis engine, SPIDAcalc provides robust analysis reporting including an interactive 3D model showing stresses and displacements and an innovative 360° radar chart feature.

CONNECTIVITY
Lead and wire connectivity shatters an industry norm by eliminating the repetitive modeling of individual structures. A connected environment provides greater efficiency by allowing users to create, add, and modify an entire pole line.

ASSEMBLIES
Quickly create pole designs by using one or more standard or user-defined assemblies. Assemblies can be added to one pole or an entire lead at once, exponentially reducing the time to design pole lines.
BUILD CONFIDENCE IN YOUR OVERHEAD DISTRIBUTION SYSTEM

SPIDA Software’s Structure Management System address the industry’s need for a comprehensive asset management platform that utility companies and their contractors can rely on for the design, analysis, and management of their overhead infrastructure. SPIDA solutions are cost-effective, suitable for organizations of all sizes, and developed by a team with roots in both the utility and engineering industries.

SPIDA Software’s Structure Management System consists of SPIDAstudio, a cloud-based platform for asset owners and contractors to centrally document and manage the physical health and condition of their overhead system, and SPIDAcalc, the industry’s leading structural analysis and design software.

Code Compliance
Gain Confidence In Your Safety Code Compliance

Asset Health
Mitigate Your Risk Because You Will Be Aware Of The Health Of Your Assets

Optimize Investments
Optimize Your Investments On Overhead Assets Without Compromising Safety