



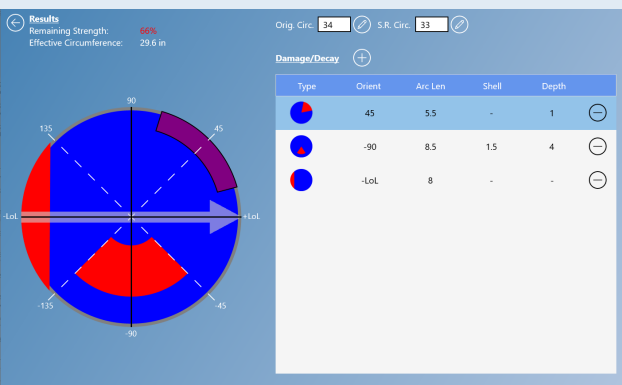
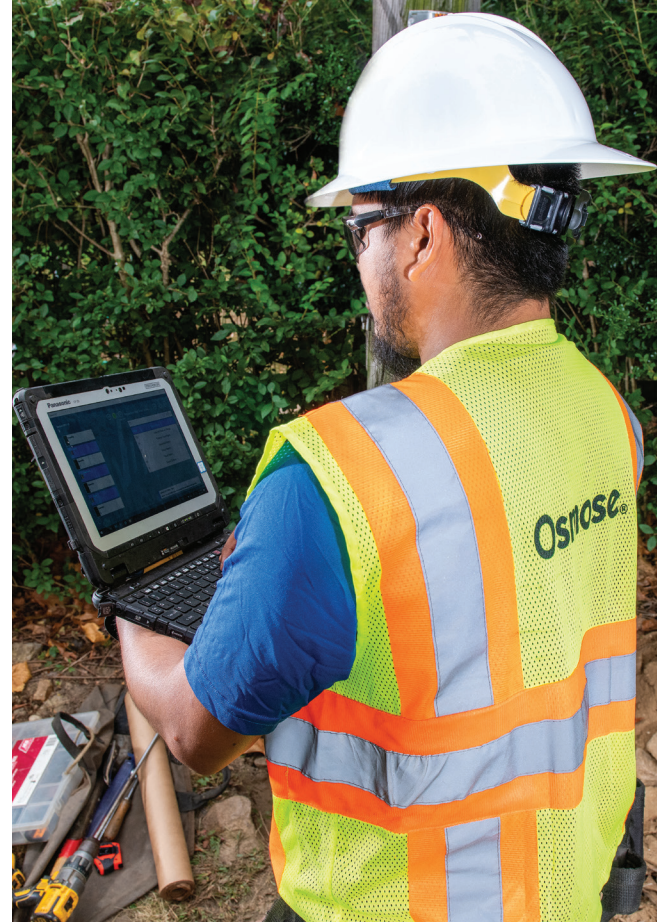
## Assessing Pole Strength with StrengthCalc®

Without the power of StrengthCalc®, poles may be replaced unnecessarily or significantly weakened poles may remain in service. Both outcomes create extra cost and risk for pole owners.

StrengthCalc software models the cross section of decaying poles considering the probable worst-case wind loading direction. Both the severity and orientation of decay in respect to wires and equipment are taken into account. Collecting measurements related to these variables enable consistent calculations that provide an estimated remaining bending strength as a percent of the original pole bending strength.

StrengthCalc is integrated with Osmose data collection software. As a result, there is no need to transfer data. All decay and damage inputs and outputs are included with the pole data, which is delivered to the pole owner.

Highly trained Osmose inspectors focus on detecting and measuring decay, while StrengthCalc determines the percent of remaining strength from the recorded measurements. Using StrengthCalc, Osmose technicians can produce more accurate estimates of remaining bending strength, enabling pole owners to more effectively manage their pole plants, reduce risks, and save money.



## Benefits of StrengthCalc



Assesses the effects of decay and damage



Shows real-time calculations as percent of remaining strength



Increases precision of pass/fail decisions



Accounts for localized buckling of hollow poles

Contact your local Osmose professional, call 770.632.6700, or email [poleinfo@osmose.com](mailto:poleinfo@osmose.com).