HASTINGS
A WORLDWIDE SUPPLIER OF
Hot Line Tools & Equipment

NEW HASTINGS REMOTE WIRE SIZE GAUGE ALLOWS THE SIZE OF ENERGIZED CONDUCTOR TO BE VERIFIED FROM SAFE DISTANCE

"This tool will save time and resources when needing to verify the size of energized conductors. There is nothing else on the market that can accurately measure large, energized conductors with such ease."

Chris Rogers - Former Dominion Lineman

USA

Hastings 7790 Remote Wire Size Gauge

A large IOU in VA needed to confirm that the conductor sizes recorded in their asset management system were correct. To verify, they identified multiple locations where they would measure the conductor and compare the results to what was in the system. Traditionally, this would have been done with a handheld caliper which would require physical contact with the conductors. While barehanding is an option for some larger utilities, many utilities and contractors do not have that capability. Barehanding also requires more clearances, specialized equipment, and far more supervision. Seeing the need for a faster, easier and safer way to get these measurements, Hastings developed the 7790 Wire Size Gauge. Using a hotstick mounted gauge/transmitter, the 7790 Wire Size Gauge allows extremely accurate measurements of up to 2.66” to be taken from a safe distance. The measurement and common wire sizes in that size range are then displayed in real time on a remote handheld receiver. After using the 7790 Wire Size Gauge side by side with a traditional caliper for comparison, the IOU is confident in its accuracy and plans to buy one for each office if not each truck.

Challenge:

Plagued with inaccurate or sometimes even no information at all recorded in their asset management systems, utilities across the country regularly perform field audits to improve the accuracy of information logged into their systems. Having accurate information recorded in their asset management systems is crucial because this information is often used when making distance to fault calculations, preparing materials for emergency responses, and reporting overall line ratings to regulatory agencies.

Solution:

Hastings develops the 7790 remote wire size gauge.

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