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# CONNECTIONS

NRECA ASSOCIATE/SERVICE MEMBERS AND CO-OPS WORKING TOGETHER

# PHASE IDS

**D**elta-Montrose Electric Association has used global positioning satellite technology to map the location of every pole holding up 3,000 miles of line in two western Colorado counties.

It has cataloged attributes on every inch of a distribution system spread across 2,500 square miles, down to primary units, transformers, meters, street lights and communication attachments. The co-op's engineering software integrates smoothly with the mapping programs.

"With this said, it is very important that we indicate all phasing on our maps," says Dan McClendon, Delta-Montrose's general manager. "And we want to be sure that the phasing is correct."

McClendon and his technical staff chose the PhaseID System from Origo Corp. to handle the final task, an important step in balancing loads both in the field and in the engineering model.

"We can now permanently mark our phases on equipment in the field with confidence," McClendon says. "All of our maps are designated with the current phasing identification, which simplifies connecting new feeders to existing lines."

In addition, he says, the PhaseID System has other advantages that make it popular with his staking and linecrews.

"The Origo product is lightweight and very portable, and phase attributes can be gathered quickly," McClendon says. "We have tested this unit on voltages ranging from 120 volt to 115 kilovolt with excellent accuracy."



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