

Post-Storm Survey

A hurricane, ice storm, wildfire, or other natural disaster can change a utility's infrastructure radically. After meeting the first priority of the recovery period—restoring power to customers as quickly as possible—one of the keys to getting operations back to normal is obtaining reliable, accurate field data on the rebuilt network. The Post-Storm Field Survey program from Osmose helps utilities do just that.

Experienced Osmose field-survey crews will inspect and document all required network features and provide accurate facility information in the data format you specify. Osmose crews can provide accurate data on pole and cabinet positions, equipment types and locations, damage and repair issues, conductor and clearance problems, and various safety and danger conditions. The post-storm field survey can help utilities establish or re-establish the traceable electrical connectivity and customer-to-transformer connections that are so crucial to effective planning, design, and trouble response.

Osmose Differentiators

What makes an Osmose Post-Storm Field Survey different from others?

- o Nationally deployed field survey teams with broad experience and training in asset inspection and data collection
- o Prompt, professional inspection of a wide range of facility features, both overhead and underground
- o Ability to integrate and take existing data from GIS, customer, equipment, and other databases to the field
- o Ability to collect data "from scratch" or use existing GIS, CAD, or other facility information
- o Ability to handle data sets of any size, from targeted network regions to full service territories
- o A proven QC process that delivers high-quality data to drive future decision-making and planning
- o Delivery of accurate data in spatial, tabular, or other format required by the target GIS or other data repository

Why Perform a Post-Storm Survey?

Reasons for performing an asset inventory include the following:

- o Updated facility data is needed to drive outage management, engineering analysis, line design, and other utility systems
- o Accurate field data is fundamental to meeting customer service, safety, and reliability objectives during the recovery period as well as going forward
- o A professional post-storm field audit moves a utility an important step toward resuming normal operations
- o Documenting that the network has been rebuilt to pre-storm conditions helps meet FEMA requirements



Post-Storm Survey Checklist

Post-Storm Survey

Collection Options:

- Overhead Facilities
 - Customer-to-Transformer Linkage
 - Upstream Phasing and Connectivity
 - Verification of Conductor Size
 - Type and Location of Interrupting Devices
 - Damaged Pole/Crossarm
 - Missing Pole Ground
 - Improper Size Insulators
 - Loose or Missing Guys, Anchors, Guy Guards
 - Improper Ground Clearance of Conductor/Communication Wires
 - Improper Horizontal Clearance to Adjacent Structures
 - Missing Tags/Numbers
 - Danger Trees Close to Line
 - Hanging Limbs Above Lines
 - Broken or Missing Streetlight
 - Excessive Conductor Splices
- Underground Facilities
 - Undermining Around Padmount Equipment and Pedestals
 - Underground Cables Exposed
 - Padmount Equipment Out of Level
 - Corrosion Present on Terminals
 - Missing Equipment Tags
 - Bent Connectors
 - Improper Grounding

Other Options:

- Safety Hazards
- Code Violations
- Digital Images
- GPS Coordinates
 - Sub-meter
 - 3-10 meter (recommended)
- Construction Specification Issues

Osmose®

OSMOSE UTILITIES SERVICES, INC.
One Adler Drive
East Syracuse, NY 13057
315/433-1010
800/877-POLE
www.osmose.com
utilities@osmose.com

Osmose and FastGate are registered trademarks of S-T-N Holdings, Inc.
All other trademarks are the trademarks of their respective owners.