

# MULTI-TIER LATERAL AUTOMATION

## END-TO-END PROTECTION ADVANCES UTILITY RELIABILITY

Despite yearly investment on feeders, the laterals in your system may be falling behind. Modernizing the last mile of your grid can result in both increased customer satisfaction and significant cost savings. In addition, investing in reliability paves the way toward customer support for future system improvements.<sup>1</sup> See how segmenting laterals helps you to get more from your investment.

### LATERAL PROTECTION SUITE

Systemwide benefits

- **Advanced lateral protection** prevents **80%** of overhead faults from becoming sustained outages, which reduces O&M expenses and increases reliability scores.
- **Configurable, flexible protection settings** enable lateral segmentation, keeping more customers online and happy.
- **Multiple fault-testing** devices in series provide end-to-end protection, from the head of the feeder to the grid-edge.

### 200-AMP TRIPSAVER® II CUTOUT-MOUNTED RECLOSER

Alternative to hydraulic reclosers

- **Decreases O&M costs** by avoiding frequent, costly maintenance and reduces inventory
- Installs in **half the time** of other single-phase reclosers

**Sequence coordination feature:**  
Prevents momentary outages by **coordinating upstream devices with downstream devices.**

### 100-AMP TRIPSAVER II CUTOUT-MOUNTED RECLOSER

Alternative to fuses

- Reduces O&M costs by **preventing re-fusing truck rolls**
- **Prevents momentary outages** caused by fuse-saving technique
- **Prevents sustained outages** caused by fuse-blowing technique

### 40-AMP TRIPSAVER II CUTOUT-MOUNTED RECLOSER

Alternative to low-ampere solutions

- **Prevents faults toward the end of the lateral** from affecting upstream customers
- Local data visibility and communications operational **down to 1A** of load current

### VACUFUSE® SELF-RESETTING INTERRUPTER

Alternative to overhead distribution transformer fuses

- **Eliminates up to 70%** of O&M costs by avoiding unnecessary sustained outages, where the cause was unknown
- Targets repeated grid problem areas by **automatically restoring power** when temporary faults occur

<sup>1</sup>J.D. Power 2015 Electric Utility Residential Customer Satisfaction Study and Federal Energy Regulatory Commission (FERC) Data, 2014

Take advantage of increased customer satisfaction and cost savings by upgrading your system with end-to-end lateral protection, while reducing the duration and scope of customer outages.

Learn more at [sandc.com/tripsaver](http://sandc.com/tripsaver) and at [sandc.com/vacufuse](http://sandc.com/vacufuse)

