

# Outage Detection and Prediction (ODAP) – Technology Implementation



- Supporting advanced analytics to improve outage detection and response

Business Need	Challenge	Solution & Results
<ul style="list-style-type: none"><li>• Prediction of potential outages</li><li>• Early detection of outages</li><li>• Real-time detection of outage events and footprint (area/size)</li><li>• Ensure customer awareness of planned and unplanned outages</li><li>• Accuracy and estimated time for restoration</li></ul>	<ul style="list-style-type: none"><li>• Accuracy of asset and grid connectivity model</li><li>• Capturing alerts and alarms from different devices and system</li><li>• Analysis of data to determine sustained outages vs. false positives and resolved outages</li><li>• Capture and correlate data from multiple sources in real-time</li><li>• Real-time event notification</li></ul>	<ul style="list-style-type: none"><li>• In-flight</li></ul>