



## Digital Energy

# Outage & Switching Management (OSM)

## Secure Grid Switching Operations across the Utility

### OSM DRIVES THE OVERALL PROCESS THROUGH MULTIPLE SYSTEMS AND LOCATIONS

Utility digital transformation requires switching to be performed in due time to ensure optimal asset utilization, maintenance and performance. Many stakeholders in different departments, organizations, and sites are involved. Today this process is managed using multiple siloed tools and manual processes.

Switching management digitalization is essential to deliver safely the increasing demand for optimal operations and capacity utilization of the network.

#### KEY OUTCOMES



##### Digital Move

- Efficient, fast switching
- Drastic error reduction
- Tracking reports
- Eliminate permit
- violations



##### Collaborative Works

- Control room operators, field staff, planning, etc.
- Increase safety: One tool, no manual steps, no phone, no paper work
- Fully integrated with EMS and DMS

#### OVERVIEW

##### GE Outage & Switching Management: A solution built with and for utilities

GE designed and built OSM together with utilities in the field. OSM has been in operation for many years and manages more than 100,000 instances of switching a year. As a result, OSM provides immediate value once installed on your premises.(SQL). Two standardized connectors are available to access data using SQL: Open Database Connectivity (ODBC) and Java Database Connectivity (JDBC).

##### GE Outage & Switching Management integrates with your EMS and DMS

OSM integrates with

- The power system applications to analyze requests and ensure secure and reliable operations
- SCADA to execute and verify switching steps, as well as placing tags and locking equipment for personnel safety

##### GE Outage & Switching Management integrates with your EMS and DMS

Transmission System Operations and Planning  
Regional Transmission Organizations (RTOs and ISOs)

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### DIGITAL ENERGY OUTAGE & SWITCHING MANAGEMENT (OSM)

Secure Grid Switching  
Operations across the Utility

 <p><b>POWER QUALITY</b> Study Analysis</p>	 <p><b>GENERATION</b> Coordination Safety Reliability</p>	 <p><b>TRANSMISSION</b> Coordination Safety Reliability</p>
 <p><b>DISTRIBUTION</b> Coordination Safety Reliability</p>	 <p><b>SUBSTATION</b> Switching Safety Tagging</p>	 <p><b>CONTROL CENTER</b> Coordination Automation Operation</p>
 <p><b>FIELDCREW</b> Switching Tagging</p>	 <p><b>CONSTRUCTION</b> Safety Coordination Qualifications</p>	 <p><b>MAINTENANCE</b> Planned Maintenance Repairs</p>
 <p><b>REGULATORS</b> Reports Permits</p>	 <p><b>PLANNING</b> Construction Planning Operation Switching Planning</p>	

GE is the world's first Digital Industrial company, harnessing the power of the Industrial Internet to transform power and utility markets. GE helps power customers, of all sizes, leverage machine data, digital industrial technologies, and analytics.

### Contact Us

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