

## Substation Preventive Maintenance (PM) and Predictive Maintenance (PdM) Program Assessment

Since utilities need to target the most critical components and systems for improved maintenance practices for substations, a PdM program must move from time-based to condition-based maintenance.

**opX's** Assessment approach uses the utility's existing online monitoring systems to streamline the utility's maintenance practices, producing a reduction in most unnecessary repair/replacement costs, and avoiding costly equipment failures and system outages.



This comprehensive PdM program improves system reliability and is designed to gain the support of the key organizational stakeholders on critical issues, and the improvement that is required. By conducting a comprehensive Assessment of your utility's current PM and PdM policies, procedures, programs, and technology applications, the Utility's Maintenance Team will be able to follow-thru with the recommended complete maintenance program.

### Benefits

- Streamlined Maintenance Practices
- Reduced Equipment Repair and Replacement Costs
- Avoided Equipment Failures
- Avoided System Outages
- Improved System Reliability



**A meaningful and productive PM and PdM Assessment includes a complete review of a utility's maintenance practices, from the establishment of detailed maintenance procedures to the identification and application of technologies and their related instrumentation.**

**The Procedures identify the logistics of man-power and parts that must be available for proper maintenance, the frequency of inspections, and step-by-step inspections of critical components, leaving no doubt of equipment condition. Early warning of potential equipment failure translates into dollars saved.**

**In addition to the instrumentation already installed on the equipment, other technology tools such as: oil analysis, acoustics, and thermography are available that can help in further diagnosing equipment condition.**

**Additional Information – for your evaluation of our very effective Substation PM and PdM Program Assessment more details can be provided on request. In addition, opX engineers are willing to visit your facility to present and discuss further aspects of the Program. Please contact us at our website, or you can call/fax us directly.**

 opX Consulting provides a unique combination of operational, organizational and management expertise to deliver improved business management processes, organizational assessments and readiness, operational excellence and future-state performance through the application of industry best practices and technologies. Our firm's services build upon state-of-the-art industry recognized management theories and methods, business processes and technologies, research and developments of leading organizations such as the Project Management Institute, the Balanced Score Card Institute.

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