

Substation/Switchyard Equipment Condition Inspection and Assessment

Since utilities need to meet the intensified demands to increase service reliability, and preserve or lower their current maintenance budgets, optimum PM and PdM programs become increasingly important for switchyard and substation equipment. The **opX** approach for Equipment Condition Inspection and Assessment includes an on-site condition assessment of the designated switchyard/substation equipment, with a report on each critical finding.



This comprehensive critical finding report includes identified problems, criticality classifications, and recommended actions. The condition categories for the components are: 1.) acceptable; 2.) watch list; 3.) marginal; and, 4.) unacceptable. The **opX** Team also provides baseline data for technologies currently not being applied, to allow for future changes in the indicators of the substation component surveys.

Benefits


- **Reduced Operations and Maintenance Expenses**
- **Improved Manpower Utilization**
- **Improved Equipment Availability**
- **Improved System Reliability**



opX will provide training for your utility's on-site Predictive Maintenance Team in the inspection techniques and technology applications. The maintenance team will also be taught the proper interpretation and use of the inspection data that is collected. The training will be conducted both in-house and on-site.

The Assessment emphasizes the critical issues and the improvement required. During this process, anomalies can be detected which point to possible future problems. Follow-on maintenance improvement implementation plans typically yield to a PdM cost-benefit approach.

Additional Information – for your evaluation of our effective Substation/Switchyard Equipment Condition Inspection and Assessment Program 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.

 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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