

ABB Power Care – 5. Delivered Maintenance Services

5.0 Periodic technical assessment

ABB Low Voltage Service provides customers with a yearly technical report on the current condition of their switchgear.

ABB Low Voltage Service representatives schedule annual visits to the customer's plants to assess switchgear conditions through visual inspection. Where applicable, the assessments are supplemented with thermal analyses of the systems to identify stress points and other high risk components. The technical report includes ABB's proposal of maintenance activities to be carried out. Once ready, it is visible to the customers in the ABB Power Care portal.

The latest generation of low voltage equipment also allows ABB to perform more in-depth condition analyses using the data collected in ABB proprietary asset monitoring solutions, i.e. LEAP audits for New Emax air circuit breakers, and MReport for MNS iS switchgear. These are reports of real time trend curves of component health, together with a list of the recommended maintenance activities.

ABB Low Voltage Service can provide a comprehensive inventory and technical report on the following ranges of equipment covered in the ABB Power Care agreement:

- MNS switchgear and components
- Circuit breakers and switches
- Large contactors
- Softstarter



With the above information, customers receive ABB recommendations for customized maintenance programs for the specific products installed, and on upgrades and retrofits of legacy products.

Benefits:

- Provides knowledge of the equipment status
- Sets out a life cycle management plan to prolong equipment life and avoid premature failure
- Gives correct resources and parts available to implement upgrades
- Assists with the development of life cycle planning and budgeting
- Reduces overall cost of ownership.

For further information contact:

www.abb.com/low-voltage/service

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