

# ABB Power Care – 5. Delivered Maintenance Services

## 5.2 Advanced product services

**ABB Low Voltage Service offers customers Advanced Product Engineering Services, which maximize system and equipment performance, increases reliability and safety, and prolongs the lifetime of ABB's low voltage equipment.**

Key stakeholders, together with their facility management teams, are increasingly concerned with their abilities to properly maintain their equipment. This is especially so in critical facilities where unplanned downtimes resulting loss of production are the worst case scenarios, and where violation of health and safety legislations are considered unacceptable. This module of the ABB Power Care agreement supports businesses as they increasingly look to invest in failure prevention.

The Advanced Product Engineering Service, in this case Preventive Maintenance Program (PMP), is designed based on ABB's technical expertise and real field experiences. It consists of a cycle of three levels of maintenance activities:

- Level 1 and Level 2 – Ordinary Maintenance: Mechanical and electrical functionality checks
- Level 3 – Extraordinary Maintenance: Functionality checks and replacement of some components to extend the life, increase reliability and restore original efficiency.

The PMP can be offered with the following ABB products:

- Circuit breakers (ACB and MCCB) and switches
- Contactors
- Softstarters.

After the inspection and maintenance activities, ABB Service engineers issue a report which gives the results of all tests carried out on the equipment, immediate corrective actions where required, and recommendations for future maintenance activities.



ABB Service engineers undergo extensive product and system training, in the factory, classrooms, and on work-sites, and are equipped to handle many site situations. Training includes stringent skills verification processes before the engineers are certified to supervise works carried out on customer sites. Taking into account the importance of the maintenance activities and the required technical know-how, ABB guarantees professional competence and interventions performed only by chief skilled technicians.

Benefits:

- Effective management of maintenance costs, particularly less expensive direct costs of maintenance
- Better efficiency and reliability of the plant
- Extended life of low voltage products
- Increased plant safety.

For further information contact:

[www.abb.com/low-voltage/service](http://www.abb.com/low-voltage/service)

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