



Powering Business Worldwide

Eaton DCPD (PDI) Heat Mitigation Sidecar Upgrade Scope of Work, Attachment R-47

Pre-Inspection and Safety Compliance

Inspection of the electronic portion of the Eaton® DCPD (PDI) PDU shall be performed as needed during the contracted period of maintenance at no extra charge to Purchaser. Remedial maintenance provided by Contractor shall be excluded from this service.

- Inspection of PDU for suitability and compliance of intended upgrade procedure
- Inspection of Breakers, Switches, Fans, SPDs, PCBs, and BCMS (as applicable)
- Functional testing of all transfer conditions (as applicable)
- Inspection of online performance and equipment history
- Examination of interfaces to other Powertrain equipment

Heat Mitigation Sidecar Upgrade Service

All checks and upgrades are designed to be performed during off-line operation, in the bypass mode. The physical installation can be performed in one day and will be performed by a qualified Eaton field technician. To minimize time where the PDU, RPP, or STS is offline, staging of new components on-site may occur the day prior to installation. The Heat Mitigation Sidecar Upgrade Service includes:

- Shutdown of PDU
- Removal of old sidecar and installation of new sidecar
- Re-energize PDU
- Measurement and recording of I/O voltages and output current
- Calibration & Functional Testing of PDU per Eaton Field Service Manual
- Test Sub feed breakers for proper voltages
- Updating of firmware (as applicable)
- Updating of customer's spare parts inventory (if applicable)
- Reporting, confirmation to customer of service completion, and answering of any questions

Optional Services (performed at the same time while the unit is offline, if purchased separately)

- Proactive component replacement services for Fans, Surge Protection Devices, Printed Circuit Boards, Branch Circuit Monitoring Systems, and Molded Case Breakers.
- Branch Circuit Monitoring System Upgrade
- Preventive maintenance service

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