

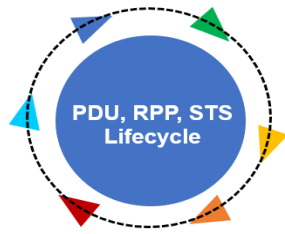
Lifecycle maintenance schedule

The following chart shows the theoretical life of a typical Power Distribution Unit (PDU), Remote Power Panel (RPP), & Static Transfer Switch (STS). For components marked ♦, Eaton recommends preventive maintenance (PM) inspections in the year indicated. During the PM visit Eaton inspects, tests, calibrates, updates, and cleans components (as applicable). For components marked ♦, Eaton recommends proactive replacement in the year indicated or before based on estimated useful life. Note, actual component life may vary based on a wide range of factors (load, temperature, humidity, dust & dirt collection, and environmental contaminants). During the PM Eaton will recommend any proactive component replacements or updates that are required.

Recommendations for Eaton DCPD PDUs, RPPs, and STSs

	Year																																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40									
Preventive Maintenance (PM) (♦ Eaton recommends inspection, testing, calibration, cleaning; ♦ NFPA 70B recommended maintenance intervals)																																																	
PM ^{1 2 3 4}	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦								
Infrared (IR) Scan			♦			♦			♦			♦			♦			♦			♦			♦			♦			♦			♦			♦			♦			♦							
MC Breaker / Switch (EESS) ⁵					♦				♦					♦					♦																								♦						
PDU & RPP Electrical Components (♦ Eaton recommends proactive replacement)																																																	
Display	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦					
Branch Circuit Monitoring System (BCMS) ⁷	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦				
Printed Circuit Boards (PCBs) ⁷	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦			
PDU Surge Protection Device (SPD)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦			
PDU Transformer ⁶	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦			
STS Electrical / Consumable Components (♦ Eaton recommends proactive replacement)																																																	
Display	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦		
Printed Circuit Boards (PCBs) in Logic Box ⁷	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	
Surge Protection Device (SPD)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Silicon Controlled Rectifiers (SCRs)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Fans	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Air Filters	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

Eaton lifecycle service offerings



- Plan** – Power infrastructure assessment, design assistance, product customization
- Install** – Factory witness testing, assembly & startup, load bank testing
- Maintain** – Service agreements, preventive maintenance, IR scanning, PQ metering, spare parts kits
- Monitor** – PredictPulse Insight, Cellwatch, VCOM & VPM
- Update** – Display, BCMS, MC breaker, MC switch, fans, sidecar, & sub feed upgrades & retrofits
- Retire** – EOSL notification, de-installation & removal, fair market value recovery, environmentally responsible recycling

¹ Firmware updates are performed as necessary with customer approval. Parts if required are included at no charge for customers with service agreements with full parts coverage, otherwise billable.
² Field Service Bulletins are evaluated for potential updates. Parts if required are included at no charge for customers with service agreements with full parts coverage, otherwise billable.
³ Consumable parts are replaced as applicable and necessary during PM visits. Parts if required are included at no charge under service agreements with full parts coverage, otherwise billable.
⁴ Proactive replacements of electronics are not covered under PMs, nor under standard Eaton service agreements, but can be purchased separately.
⁵ NFPA 70B maintenance intervals should be followed for life of component. This applies to PDU, RPP, & STS products' molded case breakers and molded case switches. Eaton EESS division offers service.
⁶ Eaton Data Center Power Distribution (DCPD) PDUs use 240°C Insulation Class to attain 40 years life expectancy; industry standard is 220°C (20 years)
⁷ Changing BCMS and/or PCBs requires a points list change after installation for building management systems



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