



Powell Apparatus Service Division

PowlVac® Circuit Breaker - Reconditioning Guideline

“Long-Term Maintenance/Upgrade”

PASD is now offering a “Long-Term Maintenance/Upgrade Option” for PowlVac circuit breakers. This is accompanied by a warranty renewal of three years and allows use of the eight year between-maintenance interval for qualified installations. The warranty can be renewed every three years with the purchase of subsequent maintenance/reconditioning contract.

The reconditioning will include:

- A full inspection and evaluation of the breaker’s condition
- Verification and implementation of all previous PowlVac service advisories
- Installation of all design enhancements including the “Double D” operating shaft kit with operating cams and spring crank arms
- Operating coils, or charging motor found to be faulty

The program includes all 5kV thru 38kV PowlVac breakers with PVS-1 thru PVS-9 mechanisms:

The only parts excluded from the program are the breaker frame components and vacuum interrupters. Repair of damage to conductors and insulators as a result of improper application, misuse or poor handling are not included.

The warranty extension is limited to the rated mechanical life of the circuit breaker as defined by ANSI C37.

The cost of the PowlVac upgrade performed at Powell’s Houston or Philadelphia field service facilities is a fixed \$4,900.00 per breaker less shipping and handling expense.

The cost of the PowlVac upgrade performed at the customer’s site is \$4,600.00 per breaker plus the applicable field service rates and travel & living expenses. More than one trip may be required to evaluate the breaker and procure material.

TESTING

Vacuum integrity test, hi-pot, & ductor. Timing and speed verified by Kellman Profile. Operate the breaker a minimum of 25 open-close operations.