

# Application Checklist

To assist with initial design parameters, the following should be completed.

## Pole Mounted Fixed Capacitor Rack

### Power System Characteristics

Basic Insulation Level (BIL) (2 $\mu$ S by 50 $\mu$ S):  95 kV Crest  110 kV Crest  125 kV Crest  150 kV Crest

Configuration:  Delta  Impedance Grounded Wye  Solidly Grounded Wye

Frequency: \_\_\_\_\_ Hertz

Line-to-Line Voltage: \_\_\_\_\_ kV RMS

Phase-To-Neutral Short Circuit Current: \_\_\_\_\_ kA RMS, Symmetrical

Three-Phase Short Circuit Current: \_\_\_\_\_ kA RMS, Symmetrical

**Total Effective Capacitive Reactive Power Required:** \_\_\_\_\_ kVAR

**Bank Connection:**  Delta  Ungrounded Wye  Grounded Wye

**Power Capacitor Unit Ratings:** Nameplate Voltage \_\_\_\_\_ kV RMS Nameplate kVAR \_\_\_\_\_