

## Design Form - Power Factor Correction Equipment and Harmonic Filters

In 3 easy steps: ① complete this form, ② attach the power bills (preferably from the last 12 months), ③ attach the single line diagram (if available). We can assist you in obtaining any missing information from this form at a later date.

Nature of Business \_\_\_\_\_ Data submitted by \_\_\_\_\_

Tel, Fax \_\_\_\_\_ Email \_\_\_\_\_

### Transformer Nameplate Data

primary voltage \_\_\_\_\_ V secondary voltage \_\_\_\_\_ V transformer rating \_\_\_\_\_ kVA transformer impedance \_\_\_\_\_ %

Primary or secondary fault level (specify primary or secondary) \_\_\_\_\_ MVA or \_\_\_\_\_ kAlc

### Harmonic Generating Equipment (ie. welders, drives, soft-start motors)

Qty	Description	HP or Amps	V	Existing or Future
1	VFD, with 5% line reactor (sample)	500 hp	600	existing

### Existing Capacitors and Harmonic Filters (list any fixed, switched or automatic units)

Qty	Description	kVAr	Step Sizes	Measured Amps	V	Comments
1	filtered automatic (sample)	400	4*100	96, 96, 96, 0	600	step 4 has failed
1	fixed / static (sample)	30	---	29, 29, 29	600	unit in good condition