POWER SYSTEM SOLUTIONS
Energy Profits Through Utility Analysis

PAD MOUNTED DISTRIBUTION CAPACITOR CUSTOMER SPECIFICATION

SYSTEM DATA:
Voltage:
( ) 2300 ( ) 4160 ( ) 7200
( ) 12470 ( ) 13200 ( ) 13800
( ) 17200 ( ) Other _____

( ) Ungrounded ( ) Solid ( ) Resistance

Preferred Bank Connection:
( ) Grounded WYE ( ) Ungrounded WYE
( ) DELTA

Existing Capacitor on Bus:
( ) Yes Amount _____KVAR ( ) No

ASSEMBLY DATA:
Total KVAR _____ Number of Steps_____ Step Size (KVAR) _____

( ) Indoor ( ) Outdoor

Floor Space Available (list any limitations)
_____
_____

Special Paint Color:
( ) Yes Color _____ ( ) No
PSS Standard Colors: Indoor – ANSI #61
Outdoor – ANSI #70

CABLE ENTRY:
( ) Top ( ) Front ( ) Side
( ) Bottom ( ) Back

Location Desired for Incoming Line: When viewed from front of equipment, incoming section to be located on the
( ) Left ( ) Right

Connections Desired on Capacitor:
( ) Bus Pad ( ) Lugs ( ) Terminators
( ) Bushing Wells ( ) Roof Bushings

Visible, Non-load break Isolation Switch
( ) Group Operated 3-Pole Disconnect
( ) Hook Stick Operated 1-Pole Disconnect
( ) Not Required

Main Ground Switch: ( ) Yes ( ) No

Group Fuses: ( ) Yes ( ) No

Control Power: ( ) CPT ( ) Customer Supplied

REMOTE MONITORING OPTION:
( ) Yes ( ) No

Preferred Step Switching:
( ) Vacuum ( ) VCB

Cubicle Lights & Receptacles: ( ) Yes ( ) No

ENCLOSURE OPTIONS:
Penta-Head Bolts: ( ) Yes ( ) No
Control Cabinet: ( ) Remote Mounting
( ) Mounted on Bank

CONTROL INPUT:
Customer Supplied Control: ( ) Yes ( ) No

CONTROL SIGNALS:
Customer Supplied Main Bus Potential signal:
( ) Yes ( ) No
Customer Supplied Current Transformer signal:
( ) Yes ( ) No
Note: If answer is "No", customer to specify CT ratio at time of order

BANK SWITCHING CONTROLS:
( ) Rockwell
( ) Manual only, No P.F. Controller

PROTECTION OPTIONS
Neutral Unbalance Protection Scheme:
( ) PT for Floating Wye
( ) CT for Split Wye
( ) CT's for Grounded Wye
( ) CT's for DELTA

Lightning Arresters:
( ) Distribution ( ) Intermediate ( ) Station

REACTORS:
Harmonic Reactors: ( ) Current Spectrum Available
( ) Please Quote Power Quality Study

Current Limiting: (other than Step Banks)
( ) Inrush
( ) System Fault Current Limiting

PSS to provide engineer onsite for start up and commissioning:
( ) Yes ( ) No

250 HOGAN LANE CONWAY AR 72034 **WWW.PSSAMERICA.COM** **PHONE : (501) 327-6456**