

Client _____

Project _____

Equipment ID _____

PEP _____ WO _____

Completed By _____

ELECTRICAL CHARACTERISTICS

NOTES

Nominal Voltage

480V 600V Other _____

Frequency

60Hz 50Hz Other _____

1

Main Bus Ampacity

1200A 2000A 3000A 4000A Other _____
1600A 2500A 3200A 6000A

2

Interrupting rating (RMS SYM Amps)

35kA 50kA 85kA Other _____
42kA 65kA 100kA

3

Miscellaneous

3P/3W 3P/4W Other _____

System Grounding

Solid LRG HRG Ungrounded

Standards (Check all applicable)

ANSI/IEEE C37.20.1 ABS USCG DNV Other _____

4

Label

UL 1558 Label
Yes No

10

Environmental

Ambient 40°C (Std.) 45°C 50°C Other _____
Altitude <3300ft Other _____
HVAC Not Controlled Controlled

14

Neutral Bus Rating

None 100% 50%

CONSTRUCTION

NEMA/IP Rating (Please Select From One Column Only)

6

ANSI IEC
Nema 1 (Std.) IP20
Nema 1 Gasketed IP21
Nema 3R IP22
Nema 4 IP24
Nema 4X IP32
 IP52
 IP55

Client _____

Project _____

Equipment ID _____

PEP _____ WO _____

Completed By _____

Enclosure Options

NOTES

Breaker Door Design		Through The Door (Std.)	Behind The Door	
Door Stops	Yes	No (Std.)		4
Gasketing	Doors	Covers	Gland Plates	N/A (Std.)
Filters	Yes	No (Std.)		5
Vent Screen	Yes	No (Std.)		
Color	ANSI 61 Gray (Textured)		Other	_____
Channel Base	Yes	No		11
Material	Steel (Std.)	Stainless Steel	Other	_____
Padlocking	Breaker Doors Only (Std.)		All	
Rear	Bolt-On Covers (Std.)		Doors	

Barriers

None Required (Std.)	Between Cable Sections			
Main Bus and Cable Compt (Required for line-up w/ Tie)	Between Main Bus Compt			
<i>Enclosure Depth Options (Not to Exceed)</i>				12
53.5"	56.5"	59.5"	62.5"	65.5"
68.5"	71.5"	74.5"		

Paint Type

Exterior	Standard	Other	_____
Interior	Standard Galvanised	Other	_____

Enclosure Hardware

Exterior	Zinc (Std.)	Other	
Interior	Zinc (Std.)	Other	
Latches	Vice Action Type (Std.)	3P Latch	Other
Lifting Method	Top	Other	
Shipping Split	Standard (8-10ft)		Non-Standard

Equipment Use

New Replace Existing

Marine Use

Yes No

Incoming Service

Top	Cable	Bus	
Bottom	Cable	Bus	
Direct Connect	Details _____		7

Feeders

Top	Cable	Bus	
Bottom	Cable	Bus	
Direct Connect	Details _____		7

Lugs

Incoming Feeders By Others 8

Client _____ Project _____ Equipment ID _____

PEP _____ WO _____ Completed By _____

BUSSING

Insulation	None (Std.)	Epoxy	DolpH EB41	Other	_____	NOTES
Plating	Silver (Std.)	Tin	Ni	Other	_____	
Insulators	Glastic/Polyester		Other	_____		
Hardware	Zinc	Other	_____			
Load Bank Connection	Yes		No	If Yes. Ampacity	_____	

BREAKERS

Make/Model (Withdrawable)

Any	C-H Magnum Ds	SQ-D NW (ANSI)	11
GE Wave Pro	Siemens Sentron 3WL (IEC)	Siemens WL (ANSI)	

Trip Unit Type

LSI	LS	LSIG (3W)	LSIG (4W)	LSGA (Alarm Only)
Ammeter	Power	Harmonics	Maintenance Mode	

Accessories

Shunt Trip	Spring Release	UVR	4a/4b
6a/6b	OTS	Electric Motor Charging	Other _____

Cassette

Shutters	No (Std.)	Yes	
Door Escutcheon		Yes (Std. For thru the door design)	No
Cell Switch	Yes	No	

Locking Mechanisms

Breaker Open/Close Pushbutton Padlock	Mechanical Key Interlock
Breaker Door Open Interlock	

Trip Control Voltage

Internal	120Vac	Other	_____		
External	125Vdc	120Vac	24 Vdc	48Vdc	Other _____

Close/Charge Voltage

Internal	120Vac	Other	_____		
External	125Vdc	120Vac	24Vdc	48Vdc	Other _____

UV Control Voltage

Internal	120Vac	Other	_____		
External	125Vdc	120Vac	24Vdc	48Vdc	Other _____

Accessories

Racking & Charging	Portable Lifter
Remote Racker	Remote Open/Close Hand Held Station (For Electrical Operated Breakes)
(Desired Cable Length _____)	(Desired Cable Length _____)
Overhead Lifter	

Client _____

Project _____

Equipment ID _____

PEP _____ WO _____

Completed By _____

TRANSFORMERS

CTs	Metering	Differential/ Relay	Neutral CT	Qty	_____
MPTs	Open Delta	Y-Y	Qty.	_____	
CPTs	Size	_____	Qty.	_____	

CONTROLS

PLC

Yes (See Below) No

Power Supply

AC DC

CPU Part # _____

I/P Card Qty. _____

O/P Card Qty. _____

Comm. Card Qty. _____

RTD Card Qty. _____

Analog Qty. _____

Metering

Analog 1% Analog 2% Digital

WIRING

CT Wiring

12 AWG (Std.) 10

AWG Wire Color /Type

14 AWG Grey SIS (Std.) Other _____

Wires Terminated With Ring Lugs

CTs Only (Std.) Other _____

9

MISCELLANEOUS

Switchgear Space Heater

Yes No (Std.)

Insulation Monitors

Yes No

Galvanised Isolators for Input Control Power

Yes No

Redundancy Module for DC Sources

Yes No

NOTES

- 1 Consult with Engineering for 50Hz or other frequency systems
- 2 Maximum up to 10,000A (For 3200A and above, heatsink risers required)
- 3 Additional bracing needed for 65kA and above
- 4 Required for Marine Standards for doors > 45"H or 24"W
- 5 NEMA 1 only non hinged 3 side gasketting
- 6 Please select either NEMA or IP Rating
- 7 For direct connect note side and if transition required

