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FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN MM.)

DRAWING No. TB-343-316-127

FROM 33kV SWGR POLE -2
(FROM S3.P2.MVS)

FROM 33kV SWGR POLE -1
(FROM S3.P1.MVS)

S3.P2.AST.2A

S3.P2.AST.2B

2000 kVA
33kV/0.433 kV
Dyn1
uk = 6.25%

87,64 RELAY MOUNTED IN MV SWGR. PANEL

415V BUS DUCT

S3.P2.CNG

1500kVA CNG SET

415 AMF PANEL FOR CNG
3X2500/1A CLASS-0.5 CT

S3.P2.LVS.PCC

415V A.C. DISTRIBUTION BOARD-2
3150A, 50KA FOR 1 SEC., 415 V, 50 Hz, 3PH. 4 wire

POWER CENTER C
POLE 2
NON ESSENTIAL LOADS

POWER CENTER AB
POLE 2
ESSENTIAL+EMERGENCY LOADS

3150A ACB-1
3150A ACB-2
3150A ACB-4
3150A ACB-5
2500A ACB-3

SPARE CONV. TER POLE-2
HEATERS/OUTLETS DC HALL-2 (SUB ACDB)
HEATERS/OUTLETS VALVE HALL-2 (SUB ACDB)
MCC FOR LIGHTING & HEATING OF CR PANELS IN MAIN SERVICE BUILDING. (SUB ACDB)
MCC FOR LIGHTING & HEATING OF CR PANELS IN MV SWGR ROOM POLE-2
OIL FILTRATION RECEPTACLE-2 CONV. TR.-P2
OIL FILTRATION RECEPTACLE-1 CONV. TR.-P2
OTHER AREA VENT. MCC
OTHER AREA A.C MCC
OUTDOOR SWITCHYARD LIGHTING
MCC FOR FIRE FIGHTING
VH VENT MCC POLE-2
DC HALL VENT MCC POLE-2
CONV. TER-R POLE-2 (Δ)
CONV. TER-Y POLE-2 (Δ)
CONV. TER-B POLE-2 (Δ)
CONV. TER-R POLE-2 (Y)
CONV. TER-Y POLE-2 (Y)
CONV. TER-B POLE-2 (Y)
VALVE COOLING PUMP-1
VALVE COOLING PUMP-2
VALVE COOLING MCC POLE-2
STATION UPS-2
UMD POLE-2
MCC FOR AIR CONDITIONING MAIN SERVICE BUILDING
INDOOR LIGHTING FOR MAIN SERVICE BUILDING
48V CHARGER-1
48V CHARGER-2
48V CHARGER-3
220V CHARGER-3 POLE-2
220V CHARGER-2 POLE-2
220V CHARGER-3 POLE-2
MCC FOR WATER SUPPLY PUMP LOAD
DNG SYSTEM 88 POLE-2
FIRE FIGHTING MCC
EMERGENCY LIGHTING FOR OUTDOOR SWITCHYARD
MK-8
MK-9
MK-10
MK-12
MK-29
MK-30
MK-31
MK-32
MK-33
MK-34
DC MK-2

NOA NO.	C-61901R-S056-8/NOA-II/3660 DATED 21.3.2011 FOR SUPPLIES & C-61901R-S056-8/NOA-IV/3662 DATED 21.3.2011 FOR SERVICES		
ADDITIONAL INFORMATION W.O.No. 80014	ग्राहक/परियोजना का नाम NAME OF CUSTOMER/PROJECT	POWER GRID CORPORATION OF INDIA LIMITED +/- 800 kV, 6000 MW HVDC MULTI TERMINAL SYSTEM PACKAGE ASSOCIATED WITH NE/ER-NR/WR INTERCONNECTOR-I	
STATUS OF DRAWING			
DISTRIBUTION OF PRINTS	भारत हेवी इलेक्ट्रिकल्स लिमिटेड ट्रांसमिशन परियोजना विभाग BHARAT HEAVY ELECTRICALS LTD. TRANSMISSION PROJECTS DIVISION		

	नाम /NAME	हस्ता./SIGN.	दि./DATE
बनाया DRAWN	RK	-SD-	21.12.11
जाँचा CHECKED	BA/SKS	-SD-	21.12.11
स्वीकृत APPROVED	AS	-SD-	21.12.11

REV.	DATE	ALTERED / CHECKED / APPROVED	ZONE
01	26.07.12	ALTERED RK; CHECKED BA/SKS; APPROVED AS	

विभाग DEPT. | कोड CODE | अनुपात / SCALE NTS | कार्ड कोड CARD CODE

शीर्षक/TITLE
SINGLE LINE DIAGRAM
415V AUX. AC SYSTEM

ड्राईंग क्र./DRAWING NO. TB-343-316-127

पृष्ठ/REV. 01

पृष्ठ क्र./SHEET No. 03 | अगला पृष्ठ /NEXT SHEET 04

COMPUTER DRG. PATH NAME :
REF. DRG. No.
SIGN. & DATE
INVENTORY No.