

APLICAN LOS MISMOS COMENTARIOS DEL PLANO 0906 - 60-001-2- Rev B

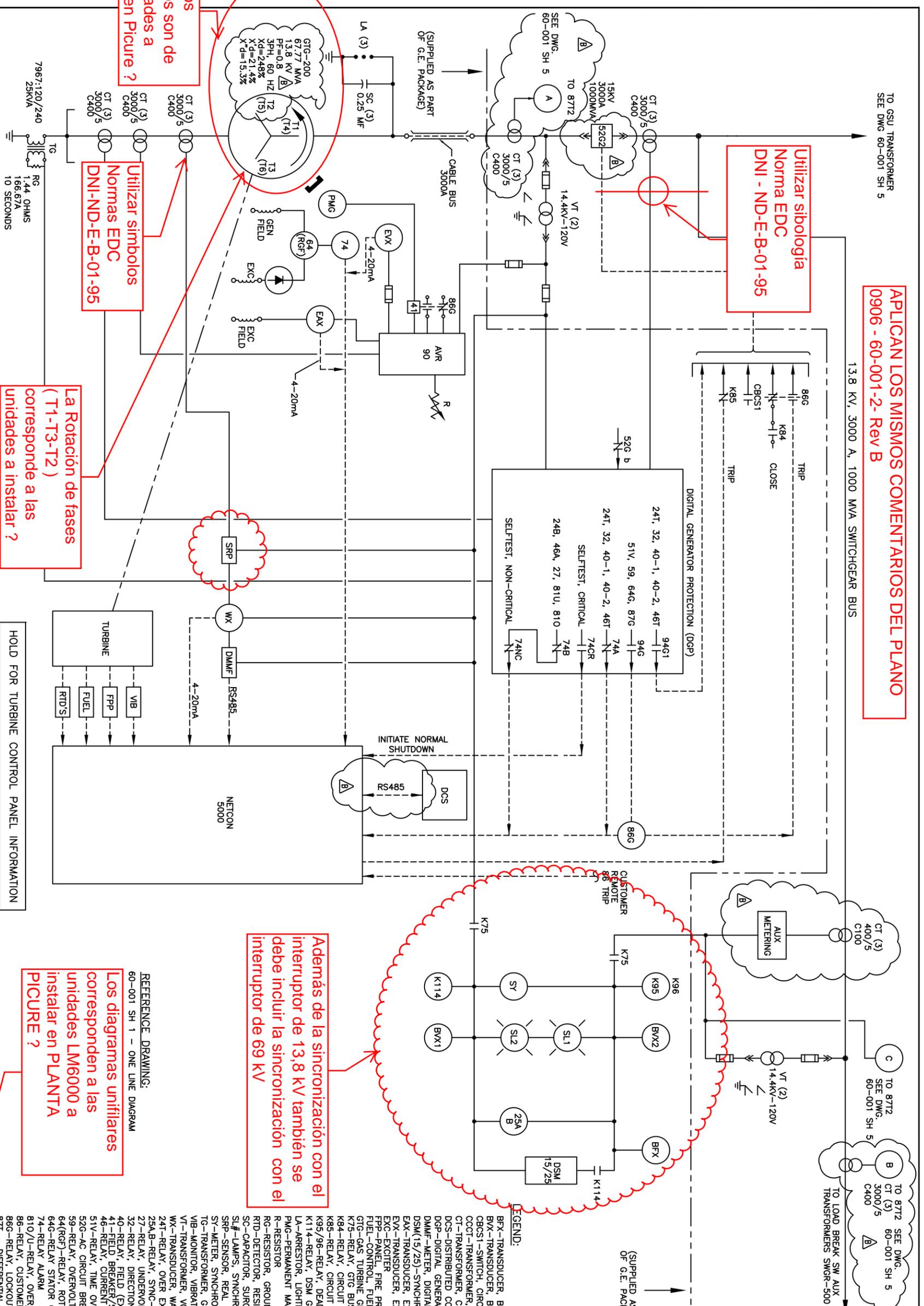
TO GSU TRANSFORMER
SEE DWG 60-001 SH 5

13.8 KV, 3000 A, 1000 MVA SWITCHGEAR BUS

Utilizar simbología Norma EDC DNI - ND-E-B-01-95

asincro c.a.
Ingeniería Integral de Proyectos
REVISADO
VER COMENTARIOS

INCLUIR CAJETIN DE LA EDC



Los datos indicados son de las unidades a instalar en Picture ?

Utilizar símbolos Normas EDC DNI-ND-E-B-01-95

La Rotación de fases (T1-T3-T2) corresponde a las unidades a instalar ?

Además de la sincronización con el interruptor de 13,8 kV también se debe incluir la sincronización con el interruptor de 69 kV

Los diagramas unifilares corresponden a las unidades LM6000 a instalar en PLANTA PICTURE ?

REFERENCE DRAWING:
60-001 SH 1 - ONE LINE DIAGRAM

LEGEND:

- BFX-TRANSDUCER, BUS FREQUENCY (RUNNING)
- BVX-TRANSDUCER, BUS VOLTAGE (1=INCOMING) (2=RUNNING)
- CBXS1-SWITCH, CIRCUIT BREAKER CONTROL "52G"
- CCCT-TRANSFORMER, CROSS CURRENT COMPENSATION
- CT-TRANSFORMER, CURRENT
- DCS-DISTRIBUTED CONTROL SYSTEM
- DGP-DIGITAL GENERATOR PROTECTION SYSTEM
- DMF-METER, DIGITAL MULTI-FUNCTION
- DSM(15/25)-SYNCHRONIZER, AUTO SPEED-VOLTAGE MATCHING
- EAX-TRANSDUCER, EXCITER FIELD CURRENT
- EXC-EXCITER, EXCITER FIELD VOLTAGE
- FPP-PANEL FIRE PROTECTION
- FUEL-CONTROL, FUEL
- GTG-GAS TURBINE GENERATOR
- K73-RELAY, GTG BUS SYNCHRONIZER ENABLE (52-11)
- K84-RELAY, CIRCUIT BREAKER CLOSE (52G)
- K85-RELAY, CIRCUIT BREAKER TRIP (52G)
- K95/96-RELAY, DEAD BUS (SWITCHGEAR BUS A)
- K114-RELAY, DSM GEN SENSE ENABLE
- LA-ARRESTOR, LIGHTNING
- PMG-PERMANENT MAGNET GENERATOR
- R-RESISTOR
- RG-RESISTOR, GROUNDING
- RTD-DETECTOR, RESISTANCE TEMPERATURE
- SC-CAPACITOR, SURGE
- SL#-LAMP, SYNCHRONIZING
- SRP-SENSOR, REAL POWER
- SY-METER, SYNCHROSCOPE
- TG-TRANSFORMER, GROUNDING
- VB-MONITOR, VIBRATION
- VT-TRANSFORMER, VOLTAGE
- WX-TRANSDUCER, WATT
- 24T-RELAY, OVER EXCITATION, GENERATOR VOLTS/HERTZ
- 25A-B-RELAY, SYNC-CHECK
- 27-RELAY, UNDERVOLTAGE
- 32-RELAY, DIRECTIONAL POWER (ANTI-MOTORING)
- 40-RELAY, FIELD (EXCITATION LOSS)
- 41-FIELD BREAKER/SUPPRESSOR
- 46-RELAY, CURRENT UNBALANCE
- 51V-RELAY, TIME OVERCURRENT, VOLTAGE RESTRAINED
- 52G-AC CIRCUIT BREAKER, GENERATOR
- 59-RELAY, OVERVOLTAGE
- 64(RG)-RELAY, ROTOR GROUND FAULT
- 74-RELAY STATOR GROUNDING
- 810/U-RELAY, OVER/UNDER FREQUENCY
- 86-RELAY, CUSTOMER LOCKOUT
- 86G-RELAY, LOCKOUT (SHOWN RESET), GENERATOR
- 87T - DIFFERENTIAL PROTECTIVE RELAY
- 94-RELAY, TRIP

EDGA International

REVISIONS

NO.	DATE	BY	APP'D	DESCRIPTION
B	09/05/09	BA	VA	ADDED CTS, REVISED TAG #'S

ProEnergy EPC Services, LLC

ONE LINE DIAGRAM
PROTECTION
TACO POWER PLANT

GTG 200, LM-6000

JOB NO. 0906

DWG NO. 60-001

SH NO. 4

REV. B

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