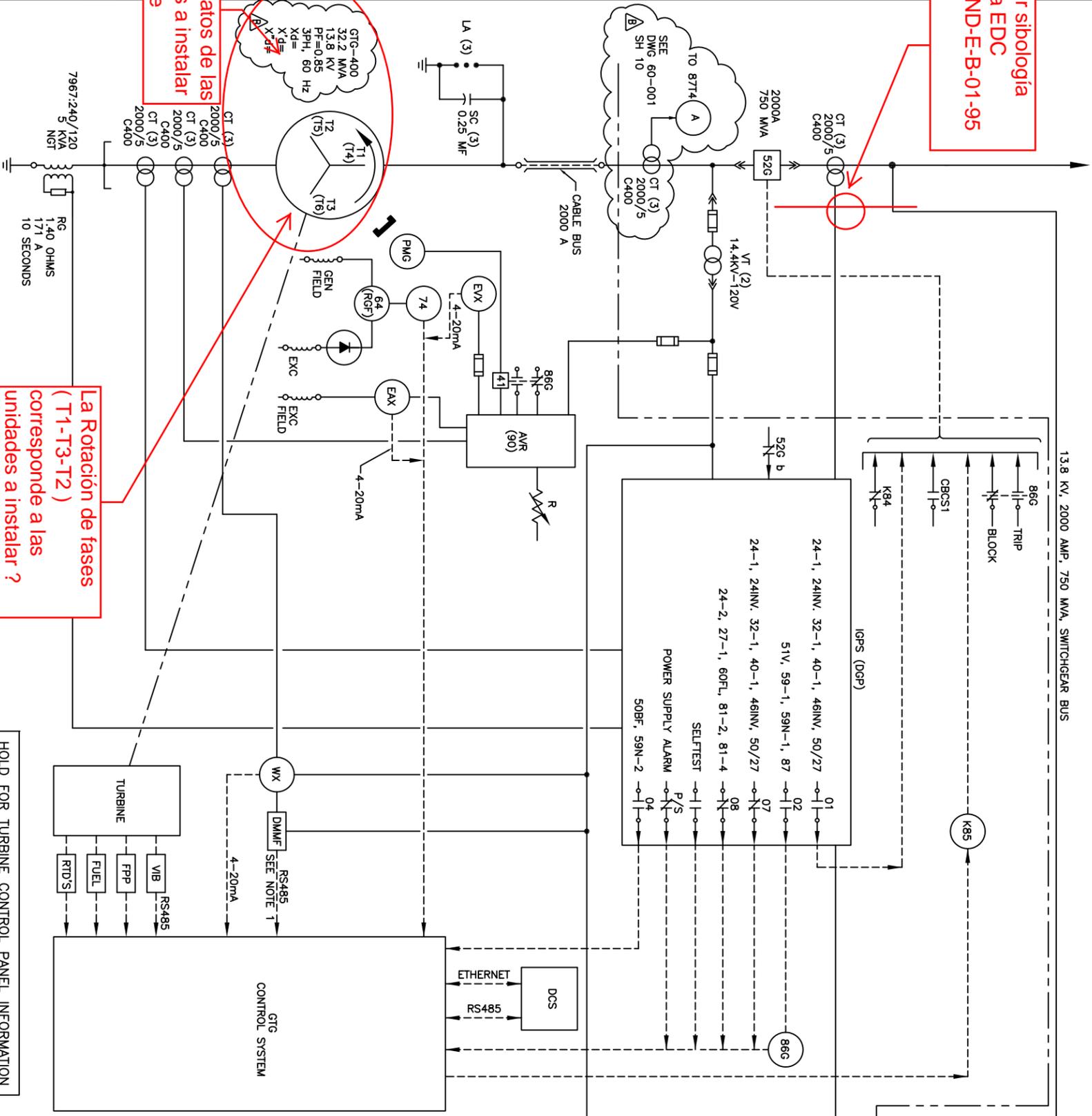


TO GSU TRANSFORMER
SEE DWG 60-001 SH 10

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



Indicar datos de las
unidades a instalar
en Picture

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

HOLD FOR TURBINE CONTROL PANEL INFORMATION



REVISED

CUSTOMER INFORMATION

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NO.	DATE	BY	APP'D	DESCRIPTION	REVISIONS
1	6/26/09	SP		ADDED CT'S, REVISED TO TAG #	

DRAWN	REB	7/1/09
CHECK	RS	7/1/09
DESIGN		
PROJ ENGR		
QA MGR		

SCALE	SIZE	D
NONE		



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ProEnergy EPC Services, LLC
ONE LINE DIAGRAM
GTG 400, LM-2500 PROTECTION
TACOIA POWER PLANT
VENUEZUELA

JOB NO.	DWG NO.	SH NO.	REV
0906	60-001	9	B

LEGEND:

- AVR-AUTO VOLTAGE REGULATOR
- BFX-TRANSFORMER, BUS FREQUENCY (RUNNING)
- BVX-TRANSFORMER, BUS VOLTAGE (1=INCOMING) (2=RUNNING)
- BVX-TRANSFORMER, BUS VOLTAGE (1=INCOMING) (2=RUNNING)
- CCCT-1 SWITCH CIRCUIT BREAKER CONTROL "52G"
- CCCT-1 TRANSFORMER, CROSS CURRENT COMPENSATION
- CT-TRANSFORMER, CURRENT
- DCS-DISTRIBUTED CONTROL SYSTEM
- DGP-DIGITAL GENERATOR PROTECTION SYSTEM
- DMMF-METER, DIGITAL MULTI-FUNCTION
- DSM(15/25)-SYNCHRONIZER, AUTO SPEED-VOLTAGE MATCHING
- EAX-TRANSFORMER, EXCITER FIELD CURRENT
- EAX-TRANSFORMER, EXCITER FIELD VOLTAGE
- EXC-EXCITER
- FPP-PANEL, FIRE PROTECTION
- FUEL-CONTROL, FUEL
- GTG-GAS TURBINE GENERATOR
- GTV-TRANSFORMER, GENERATOR VOLTAGE
- K75-RELAY, GTG BUS SYNCHRONIZER ENABLE (52-1)
- 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#-LAMPS, SYNCHRONIZING
- SRP-SENSOR, REAL POWER
- SY-METER, SYNCHROSCOPE
- TG-TRANSFORMER, GROUNDING
- VB-MONITOR, VIBRATION
- VT-TRANSFORMER, VOLTAGE
- WT-TRANSFORMER, WATT
- 5BF-BREAKER FAIL RELAY
- 24INV-VOLT/Hz INVERSE TIME RELAY
- 241-RELAY, OVER EXCITATION, GENERATOR VOLTS/HERTZ
- 25AB-RELAY, SYNC-CHECK
- 27-RELAY, UNDERVOLTAGE
- 32-RELAY, DIRECTIONAL POWER (ANTI-MOTING)
- 40-RELAY, FIELD (EXCITATION LOSS)
- 41-RELAY, FIELD BREAKER/SUPPRESSOR
- 46-RELAY, CURRENT UNBALANCE
- 50/27-OVERCURRENT UNDER VOLTAGE
- 51V-RELAY, TIME OVERCURRENT, VOLTAGE RESTRAINED
- 52G-AC CIRCUIT BREAKER, GENERATOR
- 59-RELAY, OVERVOLTAGE
- 59N-NEUTRAL OVERVOLTAGE RELAY
- 64(RG)-RELAY, GROUND FAULT
- 64G-RELAY, STATOR GROUNDING
- 74-RELAY ALARM
- 810/U-RELAY, OVER/UNDER FREQUENCY
- 86G-RELAY, LOCKOUT (SHOWN RESET), GENERATOR
- 871-DIFFERENTIAL PROTECTION RELAY
- 94-RELAY, TRIP

REFERENCE DRAWING:

60-001 SH 6 ONE LINE DIAGRAM

NOTES:

1. DMMF INCLUDES THE FOLLOWING: VOLTS, AMPS, POWER FACTOR, KW, KVA, KVAR, FREQUENCY, KV/AH, AND KWH.

APLICAN LOS MISMOS COMENTARIOS DEL PLANO
0906 - 60-001-21- Rev B

INCLUIR CAJETIN
DE LA EDC

REVISADO
VER COMENTARIOS

asincro c.a.
Ingeniería Integral de Proyectos

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OF G.E. PACKAGE)