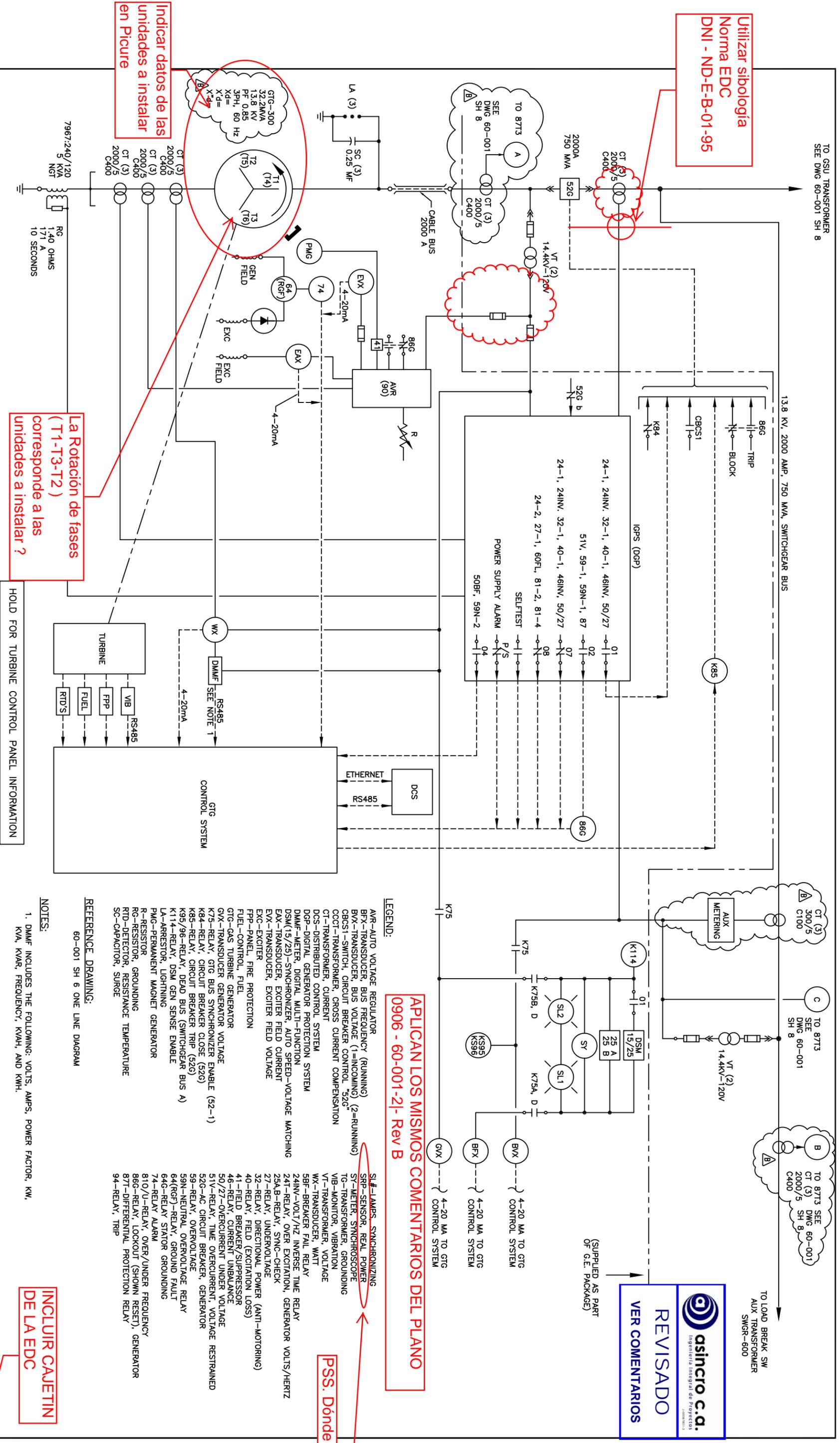


Utilizar simbología
Norma EDC
DNI - ND-E-B-01-95



Indicar datos de las unidades a instalar en Picture

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

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

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

PSS. Dónde se ubica ?

INCLUIR CAJETIN DE LA EDC

HOLD FOR TURBINE CONTROL PANEL INFORMATION

NOTES:
1. DMMF INCLUDES THE FOLLOWING: VOLTS, AMPS, POWER FACTOR, KW, KVA, KVAR, FREQUENCY, KAH, AND KWH.

REFERENCE DRAWING:
60-001 SH 6 ONE LINE DIAGRAM

- LEGEND:
- AVR-AUTO VOLTAGE REGULATOR
 - BFX-TRANSUDUCER, BUS FREQUENCY (RUNNING)
 - BVX-TRANSUDUCER, BUS VOLTAGE (1=INCOMING) (2=RUNNING)
 - CCBCS1-SWITCH, CIRCUIT BREAKER CONTROL "52G"
 - CCCT-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-TRANSUDUCER, EXCITER FIELD CURRENT
 - EAX-TRANSUDUCER, EXCITER FIELD VOLTAGE
 - EXC-EXCITER
 - FPP-PANEL, FIRE PROTECTION
 - FUEL-CONTROL, FUEL
 - GTX-GAS TURBINE GENERATOR
 - GXX-TRANSUDUCER GENERATOR VOLTAGE
 - K75-RELAY, GTG BUS SYNCHRONIZER ENABLE (52-1)
 - K84-RELAY, CIRCUIT BREAKER TRIP (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, GROUNDING
 - RG-RESISTOR, GROUNDING
 - RTD-DETECTOR, RESISTANCE TEMPERATURE
 - SC-CAPACITOR, SURGE
 - SL#-LAMPS, SYNCHRONIZING
 - SRP-SENSOR, REAL POWER
 - SY-METER, SYNCHROSCOPE
 - VB-MONITOR, VIBRATION
 - VT-TRANSFORMER, VOLTAGE
 - WX-TRANSUDUCER, WATT
 - 5BF-BREAKER FAIL RELAY
 - 24INV-VOLT/Hz INVERSE TIME RELAY
 - 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
 - 50/27-OVERCURRENT UNDER VOLTAGE
 - 51V-RELAY, TIME OVERCURRENT, VOLTAGE RESTRAINED
 - 52G-AC CIRCUIT BREAKER, GENERATOR
 - 59-RELAY, OVERVOLTAGE
 - 59N-NEUTRAL OVERVOLTAGE RELAY
 - 64RGP-RELAY, GROUND FAULT
 - 64G-RELAY STATOR GROUNDING
 - 74-RELAY ALARM
 - 810/U-RELAY, OVER/UNDER FREQUENCY
 - 86G-RELAY, LOCKOUT (SHOWN RESET) GENERATOR
 - 87-DIFFERENTIAL PROTECTION RELAY
 - 94-RELAY, TRIP

EDGA International

REVISIONS

NO.	DATE	BY	APP'D	DESCRIPTION	REVISIONS
1	7/1/09	RS		DESIGN	
2	7/1/09	RS		PROJ ENGR	
3	7/1/09	RS		PROJ MGR	
4	7/1/09	RS		QA MGR	

ProEnergy EPC Services, LLC

ONE LINE DIAGRAM
GTG 300, LM-2500 PROTECTION
TAOCHA POWER PLANT

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OFFICE 900-829-6100
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JOB NO. 0906
DWG NO. 60-001
SH NO. 7
REV. B

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