



RINCON, GA, USA

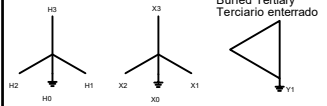
Insulation level (BIL) / Nivel de aislamiento (BIL)  
HV Line WDG / BUSHING / HV Linea bobina / Boquilla  
HV Neutral WDG / BUSHING / HV Neutro bobina / Boquilla  
LV Line WDG / BUSHING / LV Linea bobina / Boquilla  
LV Neutral WDG / BUSHING / LV Neutro bobina / Boquilla

Serial number / Numero de Serie: GA447A  
Frequency / Frecuencia: 60 Hz  
Vector Group / Grupo Vector: YNyn0+d1  
Oil preservation system / Sistema de preservación aceite: Conservator  
Insulating oil / Insulating oil: Type II Mineral Oil

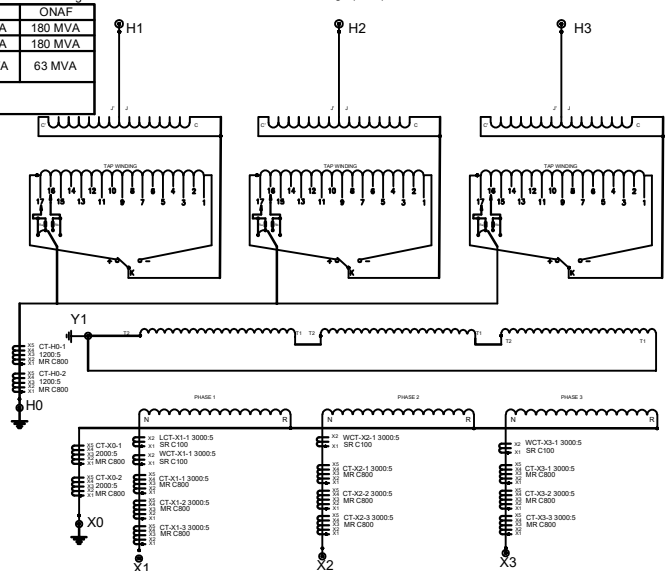
CORE TYPE TRANSFORMER/ TRANSFORMER TIPO NUCLEO  
CUSTOMER NAME / Nombre del Cliente: ACCIONA ENERGY USA GLOBAL LLC  
Instructions book reference / Libro de instrucciones referencia: GA447A  
Standards: IEEE C57.12.00 - 2015  
Rated voltage (Volts) / Rated voltage (Volts): 345 000 GrdY/199 186 - 34 500 GrdY/19 919 - 12 000

|                                                          | ONAN     | ONAF     | ONAF    |
|----------------------------------------------------------|----------|----------|---------|
| Rated Power HV / Potencia nominal HV                     | 108 MVA  | 144 MVA  | 180 MVA |
| Rated Power LV / Potencia Nominal LV                     | 108 MVA  | 144 MVA  | 180 MVA |
| Rated Power TV (Unloaded) / Potencia Nominal (sin carga) | 37.8 MVA | 50.4 MVA | 63 MVA  |
| Temperature Rise / Elevación de temperatura              | 65 °C    |          |         |

|           |                                                                                        |
|-----------|----------------------------------------------------------------------------------------|
| 6.99 %    | Impedance Voltage Base 108 MVA / Voltaje de Impedancia Base 108 MVA 345 000 - 34 500 V |
| 10.90 %   | Impedance Voltage Base 108 MVA / Voltaje de Impedancia Base 108 MVA 345 000 - 12 000 V |
| 3.35 %    | Impedance Voltage Base 108 MVA / Voltaje de Impedancia Base 108 MVA 34 500 - 12 000 V  |
| 2024      | Year of Manufacturing / Año de Manufactura                                             |
| 3         | Number of Phases / Número de fases                                                     |
| Copper    | Winding Material / Material de la bobina                                               |
| -20/30/45 | Ambient Temperature(Min/Max) / Temperatura Ambiente (Min/Max)                          |
| <3300 ft  | Elevation / Elevación                                                                  |
| Z1 & Z2   | Seismic Rating / Nivel sísmico Buried Tertiary / Terciario enterrado                   |

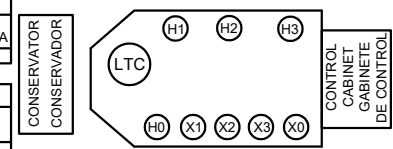


| HV LTC ON NEUTRAL, VACUTAP / VM III 500Y 123/C-18 35 3 W |             |      |         |                |
|----------------------------------------------------------|-------------|------|---------|----------------|
| TAP SELECTOR                                             | CHANGE OVER | POS. | VOLTS   | AMP AT 180 MVA |
| 1                                                        | K+          | 16R  | 396 750 | 262            |
| 2                                                        |             | 15R  | 393 520 | 264            |
| 3                                                        |             | 14R  | 390 280 | 266            |
| 4                                                        |             | 13R  | 387 050 | 269            |
| 5                                                        |             | 12R  | 383 810 | 271            |
| 6                                                        |             | 11R  | 380 580 | 273            |
| 7                                                        |             | 10R  | 377 340 | 275            |
| 8                                                        |             | 9R   | 374 110 | 278            |
| 9                                                        |             | 8R   | 370 880 | 280            |
| 10                                                       |             | 7R   | 367 640 | 283            |
| 11                                                       |             | 6R   | 364 410 | 285            |
| 12                                                       |             | 5R   | 361 170 | 288            |
| 13                                                       |             | 4R   | 357 940 | 290            |
| 14                                                       |             | 3R   | 354 700 | 293            |
| 15                                                       |             | 2R   | 351 470 | 296            |
| 16                                                       |             | 1R   | 348 230 | 298            |
| 17                                                       | K-          | NR   | 345 000 | 301            |
| k                                                        |             | N    | 345 000 | 301            |
| 1                                                        |             | NL   | 345 000 | 301            |
| 2                                                        |             | 1L   | 341 770 | 304            |
| 3                                                        |             | 2L   | 338 530 | 307            |
| 4                                                        |             | 3L   | 335 300 | 310            |
| 5                                                        |             | 4L   | 332 060 | 313            |
| 6                                                        |             | 5L   | 328 830 | 316            |
| 7                                                        |             | 6L   | 325 590 | 319            |
| 8                                                        |             | 7L   | 322 360 | 322            |
| 9                                                        |             | 8L   | 319 130 | 326            |
| 10                                                       |             | 9L   | 315 890 | 329            |
| 11                                                       |             | 10L  | 312 660 | 332            |
| 12                                                       |             | 11L  | 309 420 | 336            |
| 13                                                       |             | 12L  | 306 190 | 339            |
| 14                                                       |             | 13L  | 302 950 | 343            |
| 15                                                       |             | 14L  | 299 720 | 347            |
| 16                                                       |             | 15L  | 296 480 | 351            |
| 17                                                       |             | 16L  | 293 250 | 354            |



| TERTIARY VOLTAGE (Grounded inside) / VOLTAGE DE TERCIARIO (Aterrije interno) |                                                   |
|------------------------------------------------------------------------------|---------------------------------------------------|
| Voltage (V) / Voltaje (V)                                                    | Current (A) @ 63.0 MVA / Corriente (A) @ 63.0 MVA |
| 12 000                                                                       | 3 031                                             |

| LV VOLTAGE / LV VOLTAJE   |                                                 |
|---------------------------|-------------------------------------------------|
| Voltage (V) / Voltaje (V) | Current (A) @ 180 MVA / Corriente (A) @ 180 MVA |
| 34 500                    | 3 012                                           |



| WEIGHTS AND OIL VOLUMES / PESOS Y VOLUMENES |     |        |    | TOTAL OIL VOL @ 25°C / ACEITE VOLMEN TOTAL @ 25°C |     |        |    |
|---------------------------------------------|-----|--------|----|---------------------------------------------------|-----|--------|----|
| UNTANKING / DESENTANCADO                    |     |        |    | MAIN TANK / TANQUE PRINCIPAL                      |     |        |    |
| 29 542                                      | Lbs | 13 400 | Kg | 146 705                                           | Lbs | 66 544 | Kg |
| TANK & FITTINGS / TANQUE Y SUJECION         |     |        |    | RADIATORS / RADIADORES                            |     |        |    |
| 225 041                                     |     |        |    | 1 308                                             |     |        |    |
| 15 754                                      |     |        |    | 60                                                |     |        |    |
| 486 874                                     |     |        |    | 227                                               |     |        |    |
| 302 308                                     |     |        |    | 137 125                                           |     |        |    |

| CONSERVATOR OIL VOLUME @ 25°C / VOLUMEN CE ACEITE EN CONSERVADOR @ 25°C |     |       |   |
|-------------------------------------------------------------------------|-----|-------|---|
| 555                                                                     | Gal | 2 101 | L |

OIL PRESERVATION SYSTEM / SISTEMA DE PRESERVACION DEL ACEITE

BEFORE INSTALLING OR OPERATING, READ INSTRUCTIONS (GA447A) / ANTES DE OPERAR O INSTALAR, LEER INSTRUCCIONES (GA447A)

TRANSFORMER CONTAINS NO DETECTABLE LEVEL OF PCB (LESS THAN 2 PPM) AT TIME OF MANUFACTURE. / TRANSFORMADOR CONTIENE NO DETECTABLE NIVEL DE PCB (MENOS DE 2 PPM) AL MOMENTO DE MANUFACTURA

TANK AND RADIATORS DESIGNED FOR 103 kPa [ 15 PSI ] VACUUM FILLING / TANQUE Y RADIADORES DISEÑADOS PARA 103 kPa [ 15 PSI ] LLENADO EN VACIO

MAXIMUM OPERATING PRESSURE OF OIL PRESERVATION SYSTEM, 45 kPa (6.5 PSI) POSITIVE / PRESION MAXIMA DE OPERACION DEL SISTEMA DE PRESERVACION DE ACEITE, 45 kPa (6.5 PSI) POSITIVOS

TRANSFORMER DESIGNED TO WITHSTAND FULL VACUUM. / TRANSFORMADOR DISEÑADO PARA SOPORTAR VACIO COMPLETO

594

420

GEORGIA TRANSFORMER

Namplate

GA447A

13.1

THREE PHASE OLTC TRANSFORMER

108/144/180 MVA 65 °C RISE ONAN/ONAF/ONAFZ

345 kV +-16 @ 0.8375% / 34.5 kV / 12 kV (Buried)

VECTOR:- YNyn0+d1