Cat Electronic Technician 2022A v1.0

Product Status Report

5/6/2022 8:30 AM

Product Status Report

Parameter	Value
Product ID	EQ150240
Equipment ID	EQ150240
Comments	

3516B Engine - Genset #1 (1HZ01468)

Parameter	Value
Equipment ID	EQ150240
Engine Serial Number	1HZ01468
ECM Serial Number	1460L230CD
Personality Module Part Number	2057002-00
Personality Module Release Date	Oct99
Personality Module Description	GEN 3516

Logged Diagnostic Codes [Diagnostic Clock = 1901 hours] - 3516B Engine - Genset #1 (1HZ01468)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 1901 hours] - 3516B Engine - Genset #1 (1HZ01468)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - 3516B Engine - Genset #1 (1HZ01468)

Code	Description
No Active Diagnostic Codes	

Current Totals - 3516B Engine - Genset #1 (1HZ01468)

Description	Value	Unit
Total Time	1901	hours
Total Fuel	9500	gal

Configuration - 3516B Engine - Genset #1 (1HZ01468)

Description	Value	Unit

Equipment ID	EQ150240	
Engine Serial Number	1HZ01468	
Fuel Ratio Control Offset	0	
ECM Serial Number	1460L230CD	
Personality Module Part Number	2057002-00	
Personality Module Release Date	Oct99	
FLS	0	
FTS	0	
Rated Engine Speed	1800	rpm
Rated Fuel Position	23.800	mm
Acceleration Delay Time	5	sec
Engine Acceleration Rate	900	rpm/s
Low Idle Speed	900	rpm
Cooldown Speed	1100	rpm
Cooldown Duration	0	min
Engine Pre-Lube Duration	0	sec
Crank Duration	0	sec
Maximum Number of Crank Cycles	0	
Crank Terminate RPM	400	rpm
Air Shutoff	Disabled	
Ether Control	Disabled	
Engine Cooling System Config	SCAC (Separate Circuit Aftercooled)	
Fuel Correction Factor	0	%
Cat Data Link #2 Identifier	Engine Control #3	
Cold Cylinder Cutout	Disabled	
Direct Fuel Control Mode	Disabled	
Total Tattletale	17	
Gov. Max. Stability	384	
Gov. Min. Stability	7864	
Governor Gain	1280	
Load Warning Set	40	%

Lifetime: Time vs Engine Speed - 3516B Engine - Genset #1 (1HZ01468)

Engine Speed(rpm)	hours	%
<400.0	0.40	0.14
400.0-499.0	0.10	0.04
500.0-599.0	0.10	0.04
600.0-699.0	0.10	0.04
700.0-799.0	0.10	0.04
800.0-899.0	0.20	0.07
900.0-999.0	0.20	0.07
1000.0-1099.0	0.10	0.04
1100.0-1199.0	0.05	0.02
1200.0-1299.0	0.05	0.02
1300.0-1399.0	1.10	0.40
1400.0-1499.0	0.05	0.02
1500.0-1599.0	0.05	0.02
1600.0-1699.0	0.05	0.02

1700.0-1799.0	262.65	95.06
1800.0-1899.0	11.00	3.98
1900.0-1999.0	0.00	0.00
>2000.0	0.00	0.00

Lifetime: Time vs Engine Load Factor - 3516B Engine - Genset #1 (1HZ01468)

Engine Load Factor(%)	hours	%
0.0-4.0	10.00	3.62
5.0-9.0	3.25	1.18
10.0-14.0	200.05	72.38
15.0-19.0	10.05	3.64
20.0-24.0	2.05	0.74
25.0-29.0	1.05	0.38
30.0-34.0	15.10	5.46
35.0-39.0	0.20	0.07
40.0-44.0	0.15	0.05
45.0-49.0	0.50	0.18
50.0-54.0	0.55	0.20
55.0-59.0	0.10	0.04
60.0-64.0	0.20	0.07
65.0-69.0	0.10	0.04
70.0-74.0	0.15	0.05
75.0-79.0	0.25	0.09
80.0-84.0	1.95	0.71
85.0-89.0	0.10	0.04
90.0-94.0	0.05	0.02
95.0-99.0	5.50	1.99
>100.0	25.05	9.06

Lifetime: Time vs Left Exhaust Temperature - 3516B Engine - Genset #1 (1HZ01468)

Left Exhaust Temperature(Deg F)	hours	%
<842.0	242.25	87.64
842.0-868.0	0.20	0.07
869.0-895.0	0.25	0.09
896.0-922.0	0.75	0.27
923.0-949.0	0.10	0.04
950.0-976.0	0.15	0.05
977.0-1003.0	2.00	0.72
1004.0-1030.0	0.05	0.02
1031.0-1057.0	0.05	0.02
1058.0-1084.0	0.10	0.04
1085.0-1111.0	0.20	0.07
1112.0-1138.0	0.80	0.29
1139.0-1165.0	5.00	1.81
1166.0-1192.0	20.95	7.58
1193.0-1219.0	3.55	1.28
1220.0-1246.0	0.00	0.00

1247.0-1273.0	0.00	0.00
1274.0-1300.0	0.00	0.00
1301.0-1327.0	0.00	0.00
1328.0-1354.0	0.00	0.00
1355.0-1381.0	0.00	0.00
1382.0-1408.0	0.00	0.00
>1409.0	0.00	0.00

Lifetime: Time vs Right Exhaust Temperature - 3516B Engine - Genset #1 (1HZ01468)

Right Exhaust Temperature(Deg F)	hours	%
<842.0	242.25	87.64
842.0-868.0	0.15	0.05
869.0-895.0	0.35	0.13
896.0-922.0	0.65	0.24
923.0-949.0	0.10	0.04
950.0-976.0	0.15	0.05
977.0-1003.0	2.00	0.72
1004.0-1030.0	0.10	0.04
1031.0-1057.0	0.05	0.02
1058.0-1084.0	0.10	0.04
1085.0-1111.0	0.20	0.07
1112.0-1138.0	0.35	0.13
1139.0-1165.0	5.15	1.86
1166.0-1192.0	19.30	6.98
1193.0-1219.0	5.50	1.99
1220.0-1246.0	0.00	0.00
1247.0-1273.0	0.00	0.00
1274.0-1300.0	0.00	0.00
1301.0-1327.0	0.00	0.00
1328.0-1354.0	0.00	0.00
1355.0-1381.0	0.00	0.00
1382.0-1408.0	0.00	0.00
>1409.0	0.00	0.00

Monitoring System - 3516B Engine - Genset #1 (1HZ01468)

Description	State	Trip Point	Delay Time
Altitude (atmospheric pressure)			
Moderate Severity (2)	On	13.3 psi	0 sec
Engine Overspeed			
Least Severe (1)	On	2124 rpm	0 sec
Most Severe (3)	On	2124 rpm	0 sec
High Aftercooler Coolant Temperature			
Least Severe (1)	On	216 Deg F	5 sec
Moderate Severity (2)	On	225 Deg F	5 sec
Most Severe (3)	On	225 Deg F	5 sec

High Air Filter Restriction Pressure			
Least Severe (1)	On	28.1 " H2O	5 sec
Moderate Severity (2)	On	28.1 " H2O	5 sec
High Crankcase Pressure			
Least Severe (1)	On	8.0 " H2O	3 sec
Moderate Severity (2)	On	24.1 " H2O	10 sec
Most Severe (3)	On	14.1 " H2O	3 sec
High Engine Coolant Temperature			
Least Severe (1)	On	216 Deg F	5 sec
Moderate Severity (2)	On	225 Deg F	30 sec
Most Severe (3)	On	225 Deg F	5 sec
High Engine Oil Filter Restriction Pressure			
Least Severe (1)	On	15 psi	5 sec
High Exhaust Temperature			
Least Severe (1)	On	1393 Deg F	5 sec
Moderate Severity (2)	On	1393 Deg F	5 sec
High Fuel Filter Restriction Pressure			
Least Severe (1)	On	15 psi	5 sec
Low Engine Coolant Temperature			
Least Severe (1)	On	149 Deg F	5 sec
Low Engine Oil Pressure			
Least Severe (1)	On	None	4 sec
Most Severe (3)	On	None	9 sec
Low System Voltage			
Least Severe (1)	On	20 Volts	10 sec

Injector Codes Calibration - 3516B Engine - Genset #1 (1HZ01468)

Injector	Code
Injector 1	6607
Injector 2	2105
Injector 3	5501
Injector 4	1115
Injector 5	9805
Injector 6	2970
Injector 7	6726
Injector 8	1980
Injector 9	2010
Injector 10	3855
Injector 11	1546
Injector 12	6940
Injector 13	8805
Injector 14	6930

Injector 15	5962
Injector 16	5615

EMCP 4.4 (EQ150240)

Parameter	Value
ECM Part Number	5034417-00
ECM Serial Number	2439E046TV
Software Group Part Number	6053891-00
Software Group Release Date	NOV2020
Software Group Description	EMCP 4.4 English, v4.11H PROD, 11 November 2020

Logged Diagnostic Codes [SHM: 1901 RTC: 5/6/2037 7:35:20 AM] - EMCP 4.4 (EQ150240)

Code	Description	Occ.	SHM First	SHM Last	RTC First	RTC Last
1383-11	Engine was Shut Down Hot : Other Failure Mode	1	1900:17:45	1900:17:45	3/25/2022 10:01:01 AM	3/25/2022 10:01:01 AM

Logged Event Codes [SHM: 1901 RTC: 5/6/2037 7:35:20 AM] - EMCP 4.4 (EQ150240)

Code	Description	Occ.	SHM First	SHM Last	RTC First	RTC Last
96-17	Fuel Level : Low - least severe (1)	63	1680:34:31	1900:43:38	9/22/2021 3:09:26 PM	5/7/2022 7:10:02 AM
110-17	Engine Coolant Temperature : Low - least severe (1)	27	1682:16:31	1900:31:31	2/8/2022 9:11:52 AM	5/7/2022 6:24:47 AM
970-31	Engine Auxiliary Engine Shutdown Switch	6	1900:03:53	1900:28:24	3/5/2022 2:14:07 PM	4/26/2022 7:21:27 AM
190- 1	Engine Speed : Low - most severe (3)	1	1900:17:02	1900:17:02	3/25/2022 9:59:59 AM	3/25/2022 9:59:59 AM
190-17	Engine Speed : Low - least severe (1)	1	1900:17:02	1900:17:02	3/25/2022 9:59:59 AM	3/25/2022 9:59:59 AM
2436- 1	Generator Average AC Frequency : Low - most severe (3)	1	1900:17:02	1900:17:02	3/25/2022 9:59:59 AM	3/25/2022 9:59:59 AM
2436-17	Generator Average AC Frequency : Low - least severe (1)	2	1682:17:01	1900:17:02	2/8/2022 9:14:40 AM	3/25/2022 9:59:59 AM
701-31	Auxiliary I/O #01	1	1900:10:31	1900:10:31	3/19/2022 1:00:16 PM	3/19/2022 1:00:16 PM
702-31	Auxiliary I/O #02	1	1684:59:21	1684:59:21	2/12/2022 2:42:22 PM	2/12/2022 2:42:22 PM
2440- 1	Generator Average Line-Line AC RMS Voltage : Low - most severe (3)	11	1682:17:01	1684:56:56	2/8/2022 9:14:40 AM	2/12/2022 2:08:52 PM
2440-17	Generator Average Line-Line AC RMS Voltage : Low - least severe (1)	11	1682:17:01	1684:56:56	2/8/2022 9:14:40 AM	2/12/2022 2:08:52 PM

Active Diagnostic Codes [SHM: 1901 RTC: 5/6/2037 7:35:20 AM] - EMCP 4.4 (EQ150240)

Code	Description	Occ.
No Active Diagnostic Codes		

Active Event Codes [SHM: 1901 RTC: 5/6/2037 7:35:21 AM] - EMCP 4.4 (EQ150240)

Code	Description	Occ.
96-17	Fuel Level : Low - least severe (1)	63
4007-31	Generator Control not in Automatic	0

Current Totals - EMCP 4.4 (EQ150240)

Description	Value	Unit
Total Operating Hours	1901.0	hours
Generator Total kW Hours Export	1534070	KW-hr
Generator Total kVAr Hours Export	637931	kVAr-hr
Generator Trip kW Hours Export	1534070	KW-hr
Generator Trip kVAr Hours Export	637931	kVAr-hr
Utility Total kW Hours Export	0	KW-hr
Utility Total kW Hours Import	0	KW-hr
Utility Total kVAr Hours Export	0	kVAr-hr
Utility Total kVAr Hours Import	0	kVAr-hr

Configuration - EMCP 4.4 (EQ150240)

Description	Value	Unit
Genset Control Software Type Configuration	Complex	
Voltage Regulator Control Source Configuration	Genset Control	
Voltage Regulator Starting Time	0.5	sec
Voltage Regulator Starting Voltage Percent	90.0	%
Voltage Regulator Loop Gain Percentage	1.50	%
Voltage Regulation Proportional Gain Percentage	20.00	%
Voltage Regulation Integral Gain Percentage	60.00	%
Voltage Regulation Derivative Gain Percentage	3.00	%
Voltage Regulator Noise Filter Time Constant	0.00	sec
Voltage Regulator Deviation From Corner (Knee) Frequency	5.0	Hz
Voltage Regulator Volts/Hz Slope 1	1.0	V/Hz
Voltage Regulator Volts/Hz Slope 2	0.0	V/Hz
Voltage Regulator Minimum Voltage Setpoint Percentage	50.0	%
Voltage Regulator Corner Frequency #1	59.5	Hz
Voltage Regulator Minimum Frequency Threshold #1	33.0	Hz
Voltage Regulator Corner Frequency #2	59.5	Hz
Voltage Regulator Minimum Frequency Threshold #2	33.0	Hz
Voltage Regulator Corner Frequency #3	59.5	Hz

Voltage Regulator Minimum Frequency Threshold #3	33.0	Hz
Voltage Regulator Corner Frequency #4	59.5	Hz
Voltage Regulator Minimum Frequency Threshold #4	33.0	Hz
Voltage Regulator Load Compensation Type Configuration	Off	
Voltage Regulator Voltage (IR) Compensation Percentage	3.0	%
Voltage Regulator Maximum Droop Percentage	3.0	%
Voltage Regulator Lockout Configuration	Not Locked Out	
Voltage Regulator Loss of Sensing Shutdown Event Notification Delay Time	2.0	sec
Voltage Regulator Over Excitation Shutdown Event Threshold Percentage	100	%
Voltage Regulator Over Excitation Shutdown Event Notification Delay Time	10.0	sec
Voltage Regulator Excitation Enabled During Shutdown Event Configuration	Disabled	
Transient Load Relief Enable Status	Disabled	
Analog Input #1 Signal Type	Disabled	
Analog Input #2 Signal Type	Disabled	
Analog Input #3 Signal Type	Resistive Sender	
Analog Input #3 Configuration Code	Map #10	
Analog Input #3 Data Identification	Engine Fuel Level	
Analog Input #3 High Warning Event Threshold	100	
Analog Input #3 High Warning Event Delay Time	2.0	sec
Analog Input #3 High Shutdown Event Threshold	110	
Analog Input #3 High Shutdown Event Delay Time	10.0	sec
Analog Input #3 Low Warning Event Threshold	25	
Analog Input #3 Low Warning Event Delay Time	15.0	sec
Analog Input #3 Low Shutdown Event Threshold	0	
Analog Input #3 Low Shutdown Event Delay Time	0.0	sec
Analog Input #4 Signal Type	Disabled	
Custom Map #101 Number of Mapped Points	4	
Custom Map #101 Y-Axis Type	Custom	
Custom Map #101 Map Point X-Axis Value #1	5.0	
Custom Map #101 Map Point Y-Axis Value #1	0.0	
Custom Map #101 Map Point X-Axis Value #2	10.0	

Custom Map #101 Map Point Y-Axis Value #2	0.0	
Custom Map #101 Map Point X-Axis Value #3	190.0	
Custom Map #101 Map Point Y-Axis Value #3	100.0	
Custom Map #101 Map Point X-Axis Value #4	200.0	
Custom Map #101 Map Point Y-Axis Value #4	100.0	
Custom Map #102 Number of Mapped Points	4	
Custom Map #102 Y-Axis Type	Custom	
Custom Map #102 Map Point X-Axis Value #1	5.0	
Custom Map #102 Map Point Y-Axis Value #1	0.0	
Custom Map #102 Map Point X-Axis Value #2	10.0	
Custom Map #102 Map Point Y-Axis Value #2	0.0	
Custom Map #102 Map Point X-Axis Value #3	190.0	
Custom Map #102 Map Point Y-Axis Value #3	100.0	
Custom Map #102 Map Point X-Axis Value #4	200.0	
Custom Map #102 Map Point Y-Axis Value #4	100.0	
Custom Map #103 Number of Mapped Points	4	
Custom Map #103 Y-Axis Type	Custom	
Custom Map #103 Map Point X-Axis Value #1	5.0	
Custom Map #103 Map Point Y-Axis Value #1	0.0	
Custom Map #103 Map Point X-Axis Value #2	10.0	
Custom Map #103 Map Point Y-Axis Value #2	0.0	
Custom Map #103 Map Point X-Axis Value #3	190.0	
Custom Map #103 Map Point Y-Axis Value #3	100.0	
Custom Map #103 Map Point X-Axis Value #4	200.0	
Custom Map #103 Map Point Y-Axis Value #4	100.0	
Custom Map #104 Number of Mapped Points	4	
Custom Map #104 Y-Axis Type	Custom	
Custom Map #104 Map Point X-Axis Value #1	5.0	

Custom Map #104 Map Point Y-Axis Value #1	0.0	
Custom Map #104 Map Point X-Axis Value #2	10.0	
Custom Map #104 Map Point Y-Axis Value #2	0.0	
Custom Map #104 Map Point X-Axis Value #3	190.0	
Custom Map #104 Map Point Y-Axis Value #3	100.0	
Custom Map #104 Map Point X-Axis Value #4	200.0	
Custom Map #104 Map Point Y-Axis Value #4	100.0	
Analog Output #1 Output Type	Disabled	
Analog Output #2 Output Type	Disabled	
Analog Output #3 Output Type	Disabled	
PWM Output #1 Enable Status	Enabled	
PWM Output #1 Output Range	5 to 95%	
PWM Output #1 Data Identification	Desired Engine Speed Control	
PWM Output #1 Minimum Data Range	1545.000	
PWM Output #1 Maximum Data Range	1900.000	
Engine Start Fault Protection Activation Delay Time	30	sec
Crank Duration	10	sec
Crank Cycle Rest Interval	30	sec
Engine Purge Cycle Time with Ignition	0.0	sec
Engine Purge Cycle Time without Ignition	0	sec
Engine Start Sequence Delay Time	0.0	sec
Maximum Number of Crank Cycles	3	
Cooldown Duration	2	min
Start Aid Activation Time	0	sec
Crank Alert Activation Time	0	sec
Crank Terminate RPM	400	rpm
Engine Cooldown Speed Configuration	Low Idle	
Engine Operating State Input Configuration	Hardwired Input	
Fuel Priming Feature Enable Status	Disabled	
Engine Forced Idle Feature Enable Status	Enabled	
Emergency Stop Switch Active State Configuration	High	
Engine Control Data Link Configuration	J1939	
SCADA Data Link Remote Control Enable Status	Enabled	
ECU Fault Reset Active Time	2.0	sec
Digital Input Electronic Control Unit Fault Reset Enable Status	Disabled	
Engine Crank Delay Time	0.0	sec
Genset Warm Up Enable Status	Disabled	
Starter Pinion Engagement Detection System Enable Status	Enabled	

High Battery Voltage Warning Event Threshold	29.4	Volts
High Battery Voltage Warning Event Notification Delay Time	30	sec
High Battery Voltage Shutdown Event Threshold	32.0	Volts
High Battery Voltage Shutdown Event Notification Delay Time	10	sec
Low Battery Voltage Warning Event Threshold	18.0	Volts
Low Battery Voltage Warning Event Notification Delay Time	30	sec
Low Battery Charging System Voltage Warning Event Threshold	23.0	Volts
Low Battery Charging System Voltage Warning Event Notification Delay Time	30	sec
Low Cranking Voltage Warning Event Threshold	20.0	Volts
Low Cranking Voltage Warning Event Notification Delay Time	2	sec
Engine Cooling Fan Minimum Air Flow Coolant Temperature	213.8	Deg F
Engine Cooling Fan Maximum Air Flow Coolant Temperature	217.4	Deg F
Engine Cooling Fan Coolant Temperature Hysteresis	60.8	Deg F
Engine Cooling Fan Minimum Air Flow Aftercooler Output Air Temperature	59.0	Deg F
Engine Cooling Fan Aftercooler Output Air Temperature Hysteresis	68.0	Deg F
Engine Cooling Fan Maximum Air Flow Aftercooler Output Air Temperature	122.0	Deg F
Custom Screen #1 Line #1 Modbus Register Number	0	
Custom Screen #1 Line #2 Modbus Register Number	0	
Custom Screen #1 Line #3 Modbus Register Number	0	
Custom Screen #1 Line #4 Modbus Register Number	0	
Custom Screen #1 Line #5 Modbus Register Number	0	
Custom Screen #1 Line #6 Modbus Register Number	0	
Custom Screen #2 Line #1 Modbus Register Number	0	
Custom Screen #2 Line #2 Modbus Register Number	0	
Custom Screen #2 Line #3 Modbus Register Number	0	
Custom Screen #2 Line #4 Modbus Register Number	0	
Custom Screen #2 Line #5 Modbus Register Number	0	

Custom Screen #2 Line #6 Modbus Register Number	0	
Custom Screen #3 Line #1 Modbus Register Number	0	
Custom Screen #3 Line #2 Modbus Register Number	0	
Custom Screen #3 Line #3 Modbus Register Number	0	
Custom Screen #3 Line #4 Modbus Register Number	0	
Custom Screen #3 Line #5 Modbus Register Number	0	
Custom Screen #3 Line #6 Modbus Register Number	0	
Custom Screen #4 Line #1 Modbus Register Number	0	
Custom Screen #4 Line #2 Modbus Register Number	0	
Custom Screen #4 Line #3 Modbus Register Number	0	
Custom Screen #4 Line #4 Modbus Register Number	0	
Custom Screen #4 Line #5 Modbus Register Number	0	
Custom Screen #4 Line #6 Modbus Register Number	0	
Custom Screen #5 Line #1 Modbus Register Number	0	
Custom Screen #5 Line #2 Modbus Register Number	0	
Custom Screen #5 Line #3 Modbus Register Number	0	
Custom Screen #5 Line #4 Modbus Register Number	0	
Custom Screen #5 Line #5 Modbus Register Number	0	
Custom Screen #5 Line #6 Modbus Register Number	0	
Custom Screen #6 Line #1 Modbus Register Number	0	
Custom Screen #6 Line #2 Modbus Register Number	0	
Custom Screen #6 Line #3 Modbus Register Number	0	
Custom Screen #6 Line #4 Modbus Register Number	0	
Custom Screen #6 Line #5 Modbus Register Number	0	
Custom Screen #6 Line #6 Modbus Register Number	0	
Customer Password Security Level for Analog Input #1	Factory Default	
Customer Password Security Level for Analog Input #2	Factory Default	

Customer Password Security Level for Analog Input #3	Factory Default	
Customer Password Security Level for Analog Input #4	Factory Default	
Customer Password Security Level for Analog Outputs	Factory Default	
Customer Password Security Level for Digital Inputs	Factory Default	
Customer Password Security Level for Digital Outputs	Factory Default	
Customer Password Security Level for Automatic Start/Stop	Factory Default	
Customer Password Security Level for Fuel Transfer Feature	Factory Default	
Customer Password Security Level for Load Shed Feature	Factory Default	
Customer Password Security Level for Integrated Voltage Regulator	Factory Default	
Customer Password Security Level for Programmable Cycle Timer Feature	Factory Default	
Customer Password Security Level for Generator Rated Voltages	Factory Default	
Customer Password Security Level for Generator Protection Monitoring	Factory Default	
Customer Password Security Level for Engine Protection Monitoring	Factory Default	
Customer Password Security Level for Custom Display Features	Factory Default	
Customer Password Security Level to Reset Crank/Start Counters	3-Factory, Single Use	
SCADA Data Link Baud Rate	38400 baud	
SCADA Data Link Parity	None	
SCADA Data Link Slave Address	2	
SCADA Data Link Access Password	00000000	
RS-485 Bias Resistor Enable Status	Enabled	
SCADA Port Enable Status	Enabled	
RS-485 Annunciator Port Enable Status	Enabled	
Internet Protocol (IPv4) Address	192.168.1.1	
Internet Protocol (IPv4) Network Mask	255.255.255.0	
Network Default Gateway Internet Protocol (IPv4) Address	1.0.0.1	
Multiple Genset Control Data Link Unit Number	1	
Minimum Real Power Required for Load Bus #1	0	kW
Minimum Reactive Power Required for Load Bus #1	0	kVAr
Digital Input #1 Usage Type	System Event	
Digital Input #1 Active State Configuration	Low	
Event Input Function #1 Event Notification Delay Time	0	sec
Event Input Function #1 Suspect Parameter Number	Custom Event	

Event Input Function #1 Failure Mode Identifier	Condition Exists	
Digital Input #2 Usage Type	System Event	
Digital Input #2 Active State Configuration	Low	
Event Input Function #2 Event Notification Delay Time	0	sec
Event Input Function #2 Suspect Parameter Number	Custom Event	
Event Input Function #2 Failure Mode Identifier	Condition Exists	
Digital Input #3 Usage Type	System Event	
Digital Input #3 Active State Configuration	Low	
Event Input Function #3 Event Notification Delay Time	0	sec
Event Input Function #3 Suspect Parameter Number	Custom Event	
Event Input Function #3 Failure Mode Identifier	Condition Exists	
Digital Input #4 Usage Type	System Event	
Digital Input #4 Active State Configuration	High	
Event Input Function #4 Event Notification Delay Time	0	sec
Event Input Function #4 Suspect Parameter Number	Custom Event	
Event Input Function #4 Failure Mode Identifier	Condition Exists	
Digital Input #5 Usage Type	System Event	
Digital Input #5 Active State Configuration	Low	
Event Input Function #5 Event Notification Delay Time	5	sec
Event Input Function #5 Suspect Parameter Number	Battery Charger Failure	
Event Input Function #5 Failure Mode Identifier	Condition Exists	
Digital Input #6 Usage Type	Command/Status Parameter	
Digital Input #6 Active State Configuration	Low	
Digital Input #6 Command/Status Parameter Data Identification	Auto Load Fuel	
Digital Input #7 Usage Type	Command/Status Parameter	
Digital Input #7 Active State Configuration	Low	
Digital Input #7 Command/Status Parameter Data Identification	Auto Unload Fuel	
Digital Input #8 Usage Type	System Event	
Digital Input #8 Active State Configuration	Low	
Event Input Function #8 Event Notification Delay Time	0	sec
Event Input Function #8 Suspect Parameter Number	Fuel Tank Leak	
Event Input Function #8 Failure Mode Identifier	Condition Exists	
Isolated Digital Input #1 Usage Type	Command/Status Parameter	

Isolated Digital Input #1 Active State Configuration	Low	
Isolated Digital Input #1 Command/Status Parameter Data Identification	Idle Mode Command	
Isolated Digital Input #2 Usage Type	System Event	
Isolated Digital Input #2 Active State Configuration	Low	
Isolated Digital Input #2 Event Notification Delay Time	0	sec
Isolated Digital Input #2 Suspect Parameter Number	Isolated Digital Input #2 Custom Event	
Isolated Digital Input #2 Failure Mode Identifier	Condition Exists	
Isolated Digital Input #3 Usage Type	Command/Status Parameter	
Isolated Digital Input #3 Active State Configuration	Low	
Isolated Digital Input #3 Command/Status Parameter Data Identification	Utility Breaker Aux A	
Isolated Digital Input #4 Usage Type	System Event	
Isolated Digital Input #4 Active State Configuration	High	
Isolated Digital Input #4 Event Notification Delay Time	2	sec
Isolated Digital Input #4 Suspect Parameter Number	Engine Coolant Level	
Isolated Digital Input #4 Failure Mode Identifier	Low Shutdown	
Digital Output #1 Usage Type	Command/Status Parameter	
Digital Output #1 Command/Status Parameter Data Identification	Starter Motor Relay	
Digital Output #2 Usage Type	Command/Status Parameter	
Digital Output #2 Command/Status Parameter Data Identification	Fuel Control Relay	
Digital Output #3 Usage Type	Command/Status Parameter	
Digital Output #3 Command/Status Parameter Data Identification	Transfer Fuel In	
Digital Output #4 Usage Type	Command/Status Parameter	
Digital Output #4 Command/Status Parameter Data Identification	Transfer Fuel Out	
Digital Output #5 Usage Type	Command/Status Parameter	
Digital Output #5 Command/Status Parameter Data Identification	Disable Aux AC Supply	
Digital Output #6 Usage Type	Command/Status Parameter	
Digital Output #6 Command/Status Parameter Data Identification	Stop Mode	
Digital Output #7 Usage Type	Command/Status Parameter	
Digital Output #7 Command/Status Parameter Data Identification	Package Not in Auto	
Digital Output #8 Usage Type	Command/Status Parameter	
Digital Output #8 Command/Status Parameter Data Identification	Engine Started	
Digital Output #9 Usage Type	System Event	

Digital Output #9 Event Suspect Parameter Number	Any Suspect Parameter Number	
Digital Output #9 Event Trigger Condition	General Event - Any Warning or Shutdown	
Digital Output #10 Usage Type	System Event	
Digital Output #10 Event Suspect Parameter Number	Fuel Level	
Digital Output #10 Event Trigger Condition	Specific Event - Any Warning or Shutdown	
Digital Output #11 Usage Type	Command/Status Parameter	
Digital Output #11 Command/Status Parameter Data Identification	Live Bus Indication	
Digital Output #12 Usage Type	Command/Status Parameter	
Digital Output #12 Command/Status Parameter Data Identification	Horn Control	
Digital Output #13 Usage Type	Command/Status Parameter	
Digital Output #13 Command/Status Parameter Data Identification	V/Hz Within Limits	
Digital Output #14 Usage Type	Command/Status Parameter	
Digital Output #14 Command/Status Parameter Data Identification	ECU Fault Reset	
Digital Output #15 Usage Type	Disabled	
Digital Output #16 Usage Type	Disabled	
Digital Output #17 Usage Type	Disabled	
Engine Coolant Temperature Sensor Configuration	Data Link	
High Engine Coolant Temperature Warning Event Threshold	216	Deg F
High Engine Coolant Temperature Warning Event Notification Delay Time	2	sec
High Engine Coolant Temperature Shutdown Event Threshold	225	Deg F
High Engine Coolant Temperature Shutdown Event Notification Delay Time	10	sec
Low Engine Coolant Temperature Warning Event Threshold	70	Deg F
Low Engine Coolant Temperature Warning Event Notification Delay Time	2	sec
Engine Oil Pressure Sensor Configuration	Data Link	
Low Engine Oil Pressure Warning Event Threshold	35	psi
Low Idle Low Engine Oil Pressure Warning Event Threshold	15	psi
Low Engine Oil Pressure Warning Event Notification Delay Time	0	sec
Low Engine Oil Pressure Shutdown Event Threshold	30	psi
Low Idle Low Engine Oil Pressure Shutdown Event Threshold	10	psi
Low Engine Oil Pressure Shutdown Event Notification Delay Time	10	sec
Low Engine Oil Pressure Step Speed	1350	rpm
Flywheel Teeth	183	

Engine Overspeed Setpoint	2120	rpm
Engine Underspeed Warning Event Threshold	1565	rpm
Engine Underspeed Warning Event Notification Delay Time	5.0	sec
Engine Underspeed Shutdown Event Threshold	1560	rpm
Engine Underspeed Shutdown Event Notification Delay Time	7.0	sec
Engine Speed Sensor Configuration	Sensor	
Generator Drive Ratio	1.000	Ratio
Third Party Engine Low Idle Speed Enable Status	Disabled	
Third Party Engine Low Idle Speed	900	rpm
Engine Speed Based Generator Frequency Calculation Enable	Disabled	
Engine Cylinder Temperature Sensor Installation Status	Not Installed	
Number of Engine Cylinders	16	
Generator Winding Temperature Sensor Installation Status	Installed	
Generator Bearing Temperature Sensor Installation Configuration	Not Installed	
Accessory Data Link Diagnostic Response Configuration	Activate Warning Condition	
Accessory Data Link Diagnostic Audible Alert	Yes	
Accessory Data Link Diagnostic Breaker #1 Trip	No	
Accessory Data Link Diagnostic Breaker #2 Trip	No	
Engine Speed Sensor Diagnostic Response Configuration	Activate Hard Shutdown Condition	
Engine Speed Sensor Diagnostic Audible Alert	Yes	
Engine Speed Sensor Diagnostic Breaker #1 Trip	No	
Engine Speed Sensor Diagnostic Breaker #2 Trip	No	
Primary Data Link Diagnostic Response Configuration	Activate Warning Condition	
Primary Data Link Diagnostic Audible Alert	No	
Primary Data Link Diagnostic Breaker #1 Trip	No	
Primary Data Link Diagnostic Breaker #2 Trip	No	
RS-485 SCADA Data Link Diagnostic Response Configuration	Activate Warning Condition	
RS-485 SCADA Data Link Diagnostic Audible Alert	No	
RS-485 SCADA Data Link Diagnostic Breaker #1 Trip	No	
RS-485 SCADA Data Link Diagnostic Breaker #2 Trip	No	

RS-485 SCADA Data Link Diagnostic Fault Protection Timer	No	
TCP/IP SCADA Data Link Diagnostic Response Configuration	Activate Warning Condition	
TCP/IP SCADA Data Link Diagnostic Audible Alert	No	
TCP/IP SCADA Data Link Diagnostic Breaker #1 Trip	No	
TCP/IP SCADA Data Link Diagnostic Breaker #2 Trip	No	
TCP/IP SCADA Data Link Diagnostic Fault Protection Timer	No	
RS-485 Annunciator Data Link Diagnostic Response Configuration	Activate Warning Condition	
RS-485 Annunciator Data Link Diagnostic Audible Alert	No	
RS-485 Annunciator Data Link Diagnostic Breaker #1 Trip	No	
RS-485 Annunciator Data Link Diagnostic Breaker #2 Trip	No	
RS-485 Annunciator Data Link Diagnostic Fault Protection Timer	No	
Battery Charger Failure Diagnostic Response Configuration	Activate Warning Condition	
Battery Charger Failure Diagnostic Audible Alert	Yes	
Engine Controller Not Responding Diagnostic Response Configuration	Disable Condition	
Engine Controller Not Responding Diagnostic Audible Alert	No	
Engine Controller Not Responding Diagnostic Breaker #1 Trip	No	
Engine Controller Not Responding Diagnostic Breaker #2 Trip	No	
Analog Input #1 Diagnostic Response Configuration	Activate Warning Condition	
Analog Input #1 Diagnostic Audible Alert	No	
Analog Input #1 Diagnostic Breaker #1 Trip	No	
Analog Input #1 Diagnostic Breaker #2 Trip	No	
Analog Input #2 Diagnostic Response Configuration	Activate Warning Condition	
Analog Input #2 Diagnostic Audible Alert	No	
Analog Input #2 Diagnostic Breaker #1 Trip	No	
Analog Input #2 Diagnostic Breaker #2 Trip	No	
Analog Input #3 Diagnostic Response Configuration	Activate Warning Condition	
Analog Input #3 Diagnostic Audible Alert	No	
Analog Input #3 Diagnostic Breaker #1 Trip	No	
Analog Input #3 Diagnostic Breaker #2 Trip	No	
Analog Input #4 Diagnostic Response Configuration	Activate Warning Condition	
Analog Input #4 Diagnostic Audible Alert	No	
Analog Input #4 Diagnostic Breaker #1 Trip	No	

Analog Input #4 Diagnostic Breaker #2 Trip	No	
Multiple Genset Control Data Link Communication Failure Response	Activate Hard Shutdown Condition	
Multiple Genset Control Data Link Communication Failure Audible Alert	Yes	
Multiple Genset Control Data Link Communication Failure Breaker #1 Trip	No	
Multiple Genset Control Data Link Communication Failure Breaker #2 Trip	No	
Control Offline Multiple Genset Control Data Link Diagnostic Response	Warning & Active Only Condition	
Control Offline Multiple Genset Control Data Link Diagnostic Audible Alert	Yes	
Modbus Data Link Communication Failure Diagnostic Response Configuration	Unavailable	
Modbus Data Link Communication Failure Diagnostic Audible Alert	Unavailable	
Ethernet Network #1 Communication Failure Diagnostic Response Configuration	Unavailable	
Ethernet Network #1 Communication Failure Diagnostic Audible Alert	Unavailable	
Air Damper Closed Event Response Configuration	Hard Shutdown & Active Only Condition	
Air Damper Closed Event Audible Alert	Yes	
Emergency Stop Activated Event Response Configuration	Activate Hard Shutdown Condition	
Emergency Stop Activated Event Audible Alert	Yes	
Emergency Stop Activated Event Breaker #1 Trip	No	
Emergency Stop Activated Event Breaker #2 Trip	No	
High Engine Coolant Level Warning Event Response Configuration	Activate Warning Condition	
High Engine Coolant Level Warning Event Audible Alert	Yes	
High Engine Coolant Level Warning Event Breaker #1 Trip	No	
High Engine Coolant Level Warning Event Breaker #2 Trip	No	
High Engine Coolant Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Engine Coolant Level Shutdown Event Audible Alert	Yes	
High Engine Coolant Level Shutdown Event Breaker #1 Trip	No	
High Engine Coolant Level Shutdown Event Breaker #2 Trip	No	
Low Engine Coolant Level Warning Event Response Configuration	Activate Warning Condition	
Low Engine Coolant Level Warning Event Audible Alert	Yes	
Low Engine Coolant Level Warning Event Breaker #1 Trip	No	

Low Engine Coolant Level Warning Event Breaker #2 Trip	No	
Low Engine Coolant Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Low Engine Coolant Level Shutdown Event Audible Alert	Yes	
Low Engine Coolant Level Shutdown Event Breaker #1 Trip	No	
Low Engine Coolant Level Shutdown Event Breaker #2 Trip	No	
High Engine Coolant Temperature Warning Event Response Configuration	Activate Warning Condition	
High Engine Coolant Temperature Warning Event Audible Alert	Yes	
High Engine Coolant Temperature Warning Event Breaker #1 Trip	No	
High Engine Coolant Temperature Warning Event Breaker #2 Trip	No	
High Engine Coolant Temperature Warning Event Fault Protection Timer	Yes	
High Engine Coolant Temperature Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Engine Coolant Temperature Shutdown Event Audible Alert	Yes	
High Engine Coolant Temperature Shutdown Event Breaker #1 Trip	No	
High Engine Coolant Temperature Shutdown Event Breaker #2 Trip	No	
High Engine Coolant Temperature Shutdown Event Fault Protection Timer	Yes	
Low Engine Coolant Temperature Warning Event Response Configuration	Activate Warning Condition	
Low Engine Coolant Temperature Warning Event Audible Alert	Yes	
Low Engine Coolant Temperature Warning Event Breaker #1 Trip	No	
Low Engine Coolant Temperature Warning Event Breaker #2 Trip	No	
Low Engine Coolant Temperature Warning Event Fault Protection Timer	No	
Engine Failure To Start Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Engine Failure To Start Shutdown Event Audible Alert	Yes	
Engine Failure To Start Shutdown Event Breaker #1 Trip	No	
Engine Failure To Start Shutdown Event Breaker #2 Trip	No	
High Engine Oil Level Warning Event Response Configuration	Activate Warning Condition	
High Engine Oil Level Warning Event Audible Alert	Yes	
High Engine Oil Level Warning Event Breaker #1 Trip	No	

High Engine Oil Level Warning Event Breaker #2 Trip	No	
High Engine Oil Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Engine Oil Level Shutdown Event Audible Alert	Yes	
High Engine Oil Level Shutdown Event Breaker #1 Trip	No	
High Engine Oil Level Shutdown Event Breaker #2 Trip	No	
Low Engine Oil Level Warning Event Response Configuration	Activate Warning Condition	
Low Engine Oil Level Warning Event Audible Alert	Yes	
Low Engine Oil Level Warning Event Breaker #1 Trip	No	
Low Engine Oil Level Warning Event Breaker #2 Trip	No	
Low Engine Oil Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Low Engine Oil Level Shutdown Event Audible Alert	Yes	
Low Engine Oil Level Shutdown Event Breaker #1 Trip	No	
Low Engine Oil Level Shutdown Event Breaker #2 Trip	No	
Low Engine Oil Pressure Warning Event Response Configuration	Activate Warning Condition	
Low Engine Oil Pressure Warning Event Audible Alert	Yes	
Low Engine Oil Pressure Warning Event Breaker #1 Trip	No	
Low Engine Oil Pressure Warning Event Breaker #2 Trip	No	
Low Engine Oil Pressure Warning Event Fault Protection Timer	Yes	
Low Engine Oil Pressure Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Low Engine Oil Pressure Shutdown Event Audible Alert	Yes	
Low Engine Oil Pressure Shutdown Event Breaker #1 Trip	No	
Low Engine Oil Pressure Shutdown Event Breaker #2 Trip	No	
Low Engine Oil Pressure Shutdown Event Fault Protection Timer	Yes	
High Engine Oil Temperature Warning Event Response Configuration	Activate Warning Condition	
High Engine Oil Temperature Warning Event Audible Alert	Yes	
High Engine Oil Temperature Warning Event Breaker #1 Trip	No	
High Engine Oil Temperature Warning Event Breaker #2 Trip	No	

High Engine Oil Temperature Warning Event Fault Protection Timer	No	
High Engine Oil Temperature Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Engine Oil Temperature Shutdown Event Audible Alert	Yes	
High Engine Oil Temperature Shutdown Event Breaker #1 Trip	No	
High Engine Oil Temperature Shutdown Event Breaker #2 Trip	No	
High Engine Oil Temperature Shutdown Event Fault Protection Timer	No	
Low Engine Oil Temperature Warning Event Response Configuration	Activate Warning Condition	
Low Engine Oil Temperature Warning Event Audible Alert	Yes	
Low Engine Oil Temperature Warning Event Breaker #1 Trip	No	
Low Engine Oil Temperature Warning Event Breaker #2 Trip	No	
Low Engine Oil Temperature Warning Event Fault Protection Timer	Yes	
Low Engine Oil Temperature Shutdown Event Response Configuration	Disable Condition	
Low Engine Oil Temperature Shutdown Event Audible Alert	No	
Low Engine Oil Temperature Shutdown Event Breaker #1 Trip	No	
Low Engine Oil Temperature Shutdown Event Breaker #2 Trip	No	
Low Engine Oil Temperature Shutdown Event Fault Protection Timer	No	
Unexpected Engine Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Unexpected Engine Shutdown Event Audible Alert	Yes	
Unexpected Engine Shutdown Event Breaker #1 Trip	No	
Unexpected Engine Shutdown Event Breaker #2 Trip	No	
Engine Overspeed Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Engine Overspeed Shutdown Event Audible Alert	Yes	
Engine Overspeed Shutdown Event Breaker #1 Trip	No	
Engine Overspeed Shutdown Event Breaker #2 Trip	No	
Engine Underspeed Warning Event Response Configuration	Activate Warning Condition	
Engine Underspeed Warning Event Audible Alert	Yes	
Engine Underspeed Warning Event Breaker #1 Trip	No	

Engine Underspeed Warning Event Breaker #2 Trip	No	
Engine Underspeed Warning Event Fault Protection Timer	Yes	
Engine Underspeed Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Engine Underspeed Shutdown Event Audible Alert	Yes	
Engine Underspeed Shutdown Event Breaker #1 Trip	No	
Engine Underspeed Shutdown Event Breaker #2 Trip	No	
Engine Underspeed Shutdown Event Fault Protection Timer	Yes	
High Exhaust Temperature Warning Event Response Configuration	Activate Warning Condition	
High Exhaust Temperature Warning Event Audible Alert	Yes	
High Exhaust Temperature Warning Event Breaker #1 Trip	No	
High Exhaust Temperature Warning Event Breaker #2 Trip	No	
High Exhaust Temperature Warning Event Fault Protection Timer	No	
High Exhaust Temperature Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Exhaust Temperature Shutdown Event Audible Alert	Yes	
High Exhaust Temperature Shutdown Event Breaker #1 Trip	No	
High Exhaust Temperature Shutdown Event Breaker #2 Trip	No	
High Exhaust Temperature Shutdown Event Fault Protection Timer	No	
Low Exhaust Temperature Warning Event Response Configuration	Activate Warning Condition	
Low Exhaust Temperature Warning Event Audible Alert	Yes	
Low Exhaust Temperature Warning Event Breaker #1 Trip	No	
Low Exhaust Temperature Warning Event Breaker #2 Trip	No	
Low Exhaust Temperature Warning Event Fault Protection Timer	Yes	
Low Exhaust Temperature Shutdown Event Response Configuration	Disable Condition	
Low Exhaust Temperature Shutdown Event Audible Alert	No	
Low Exhaust Temperature Shutdown Event Breaker #1 Trip	No	
Low Exhaust Temperature Shutdown Event Breaker #2 Trip	No	
Low Exhaust Temperature Shutdown Event Fault Protection Timer	No	

High Fuel Level Warning Event Response Configuration	Disable Condition	
High Fuel Level Warning Event Audible Alert	Yes	
High Fuel Level Warning Event Breaker #1 Trip	No	
High Fuel Level Warning Event Breaker #2 Trip	No	
High Fuel Level Shutdown Event Response Configuration	Disable Condition	
High Fuel Level Shutdown Event Audible Alert	No	
High Fuel Level Shutdown Event Breaker #1 Trip	No	
High Fuel Level Shutdown Event Breaker #2 Trip	No	
Low Fuel Level Warning Event Response Configuration	Activate Warning Condition	
Low Fuel Level Warning Event Audible Alert	Yes	
Low Fuel Level Warning Event Breaker #1 Trip	No	
Low Fuel Level Warning Event Breaker #2 Trip	No	
Low Fuel Level Shutdown Event Response Configuration	Disable Condition	
Low Fuel Level Shutdown Event Audible Alert	No	
Low Fuel Level Shutdown Event Breaker #1 Trip	No	
Low Fuel Level Shutdown Event Breaker #2 Trip	No	
External Tank High Fuel Level Warning Event Response Configuration	Activate Warning Condition	
External Tank High Fuel Level Warning Event Audible Alert	Yes	
External Tank High Fuel Level Warning Event Breaker #1 Trip	No	
External Tank High Fuel Level Warning Event Breaker #2 Trip	No	
External Tank High Fuel Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
External Tank High Fuel Level Shutdown Event Audible Alert	Yes	
External Tank High Fuel Level Shutdown Event Breaker #1 Trip	No	
External Tank High Fuel Level Shutdown Event Breaker #2 Trip	No	
External Tank Low Fuel Level Warning Event Response Configuration	Activate Warning Condition	
External Tank Low Fuel Level Warning Event Audible Alert	Yes	
External Tank Low Fuel Level Warning Event Breaker #1 Trip	No	

External Tank Low Fuel Level Warning Event Breaker #2 Trip	No	
External Tank Low Fuel Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
External Tank Low Fuel Level Shutdown Event Audible Alert	Yes	
External Tank Low Fuel Level Shutdown Event Breaker #1 Trip	No	
External Tank Low Fuel Level Shutdown Event Breaker #2 Trip	No	
Fuel Leak Event Response Configuration	Activate Warning Condition	
Fuel Leak Event Audible Alert	Yes	
Fuel Leak Event Breaker #1 Trip	No	
Fuel Leak Event Breaker #2 Trip	No	
Service Maintenance Interval Warning Event Response Configuration	Disable Condition	
Service Maintenance Interval Warning Event Audible Alert	No	
High Gas Pressure Warning Event Response Configuration	Activate Warning Condition	
High Gas Pressure Warning Event Audible Alert	Yes	
High Gas Pressure Warning Event Breaker #1 Trip	No	
High Gas Pressure Warning Event Breaker #2 Trip	No	
High Gas Pressure Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Gas Pressure Shutdown Event Audible Alert	Yes	
High Gas Pressure Shutdown Event Breaker #1 Trip	No	
High Gas Pressure Shutdown Event Breaker #2 Trip	No	
Low Gas Pressure Warning Event Response Configuration	Activate Warning Condition	
Low Gas Pressure Warning Event Audible Alert	Yes	
Low Gas Pressure Warning Event Breaker #1 Trip	No	
Low Gas Pressure Warning Event Breaker #2 Trip	No	
Low Gas Pressure Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Low Gas Pressure Shutdown Event Audible Alert	Yes	
Low Gas Pressure Shutdown Event Breaker #1 Trip	No	
Low Gas Pressure Shutdown Event Breaker #2 Trip	No	
Engine Intake Manifold Charge Combustion Event Response Configuration	Activate Hard Shutdown Condition	
Engine Intake Manifold Charge Combustion Event Audible Alert	Yes	

Engine Intake Manifold Charge Combustion Event Breaker #1 Trip	No	
Engine Intake Manifold Charge Combustion Event Breaker #2 Trip	No	
Engine Intake Manifold Charge Combustion Event Fault Protection Timer	No	
Remote Emergency Stop Activated Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Remote Emergency Stop Activated Shutdown Event Audible Alert	Yes	
Remote Emergency Stop Activated Shutdown Event Breaker #1 Trip	Yes	
Remote Emergency Stop Activated Shutdown Event Breaker #2 Trip	Yes	
High Aftercooler Coolant Level Warning Event Response Configuration	Activate Warning Condition	
High Aftercooler Coolant Level Warning Event Audible Alert	Yes	
High Aftercooler Coolant Level Warning Event Breaker #1 Trip	No	
High Aftercooler Coolant Level Warning Event Breaker #2 Trip	No	
High Aftercooler Coolant Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Aftercooler Coolant Level Shutdown Event Audible Alert	Yes	
High Aftercooler Coolant Level Shutdown Event Breaker #1 Trip	No	
High Aftercooler Coolant Level Shutdown Event Breaker #2 Trip	No	
Low Aftercooler Coolant Level Warning Event Response Configuration	Activate Warning Condition	
Low Aftercooler Coolant Level Warning Event Audible Alert	Yes	
Low Aftercooler Coolant Level Warning Event Breaker #1 Trip	No	
Low Aftercooler Coolant Level Warning Event Breaker #2 Trip	No	
Low Aftercooler Coolant Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Low Aftercooler Coolant Level Shutdown Event Audible Alert	Yes	
Low Aftercooler Coolant Level Shutdown Event Breaker #1 Trip	No	
Low Aftercooler Coolant Level Shutdown Event Breaker #2 Trip	No	
High Engine Coolant Temperature #2 Warning Event Response Configuration	Activate Warning Condition	
High Engine Coolant Temperature #2 Warning Event Audible Alert	Yes	
High Engine Coolant Temperature #2 Warning Event Breaker #1 Trip	No	
High Engine Coolant Temperature #2 Warning Event Breaker #2 Trip	No	

High Engine Coolant Temperature #2 Warning Event Fault Protection Timer	Yes	
High Engine Coolant Temperature #2 Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Engine Coolant Temperature #2 Shutdown Event Audible Alert	Yes	
High Engine Coolant Temperature #2 Shutdown Event Breaker #1 Trip	No	
High Engine Coolant Temperature #2 Shutdown Event Breaker #2 Trip	No	
High Engine Coolant Temperature #2 Shutdown Event Fault Protection Timer	Yes	
Low Engine Coolant Temperature #2 Warning Event Response Configuration	Activate Warning Condition	
Low Engine Coolant Temperature #2 Warning Event Audible Alert	Yes	
Low Engine Coolant Temperature #2 Warning Event Breaker #1 Trip	No	
Low Engine Coolant Temperature #2 Warning Event Breaker #2 Trip	No	
Low Engine Coolant Temperature #2 Warning Event Fault Protection Timer	No	
Low Engine Coolant Temperature #2 Shutdown Event Response Configuration	Disable Condition	
Low Engine Coolant Temperature #2 Shutdown Event Audible Alert	No	
Low Engine Coolant Temperature #2 Shutdown Event Breaker #1 Trip	No	
Low Engine Coolant Temperature #2 Shutdown Event Breaker #2 Trip	No	
Low Engine Coolant Temperature #2 Shutdown Event Fault Protection Timer	No	
High Engine Coolant Temperature #3 Warning Event Response Configuration	Activate Warning Condition	
High Engine Coolant Temperature #3 Warning Event Audible Alert	Yes	
High Engine Coolant Temperature #3 Warning Event Breaker #1 Trip	No	
High Engine Coolant Temperature #3 Warning Event Breaker #2 Trip	No	
High Engine Coolant Temperature #3 Warning Event Fault Protection Timer	Yes	
High Engine Coolant Temperature #3 Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Engine Coolant Temperature #3 Shutdown Event Audible Alert	Yes	
High Engine Coolant Temperature #3 Shutdown Event Breaker #1 Trip	No	
High Engine Coolant Temperature #3 Shutdown Event Breaker #2 Trip	No	
High Engine Coolant Temperature #3 Shutdown Event Fault Protection Timer	Yes	
Low Engine Coolant Temperature #3 Warning Event Response Configuration	Activate Warning Condition	

Low Engine Coolant Temperature #3 Warning Event Audible Alert	Yes	
Low Engine Coolant Temperature #3 Warning Event Breaker #1 Trip	No	
Low Engine Coolant Temperature #3 Warning Event Breaker #2 Trip	No	
Low Engine Coolant Temperature #3 Warning Event Fault Protection Timer	No	
Low Engine Coolant Temperature #3 Shutdown Event Response Configuration	Disable Condition	
Low Engine Coolant Temperature #3 Shutdown Event Audible Alert	No	
Low Engine Coolant Temperature #3 Shutdown Event Breaker #1 Trip	No	
Low Engine Coolant Temperature #3 Shutdown Event Breaker #2 Trip	No	
Low Engine Coolant Temperature #3 Shutdown Event Fault Protection Timer	No	
High Engine Fluid Bund Level Warning Event Response Configuration	Activate Warning Condition	
High Engine Fluid Bund Level Warning Event Audible Alert	Yes	
High Engine Fluid Bund Level Warning Event Breaker #1 Trip	No	
High Engine Fluid Bund Level Warning Event Breaker #2 Trip	No	
High Engine Fluid Bund Level Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Engine Fluid Bund Level Shutdown Event Audible Alert	Yes	
High Engine Fluid Bund Level Shutdown Event Breaker #1 Trip	No	
High Engine Fluid Bund Level Shutdown Event Breaker #2 Trip	No	
Low Starting Air Pressure Warning Event Response Configuration	Activate Warning Condition	
Low Starting Air Pressure Warning Event Audible Alert	Yes	
Low Starting Air Pressure Warning Event Breaker #1 Trip	No	
Low Starting Air Pressure Warning Event Breaker #2 Trip	No	
Engine Derate Event Response Configuration	Activate Warning Condition	
Engine Derate Event Audible Alert	Yes	
High Generator Bearing #1 Temperature Warning Event Response Configuration	Activate Warning Condition	
High Generator Bearing #1 Temperature Warning Event Audible Alert	Yes	
High Generator Bearing #1 Temperature Warning Event Breaker #1 Trip	No	
High Generator Bearing #1 Temperature Warning Event Breaker #2 Trip	No	

High Generator Bearing #1 Temperature Warning Event Fault Protection Timer	No	
High Generator Bearing #1 Temperature Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
High Generator Bearing #1 Temperature Shutdown Event Audible Alert	Yes	
High Generator Bearing #1 Temperature Shutdown Event Breaker #1 Trip	No	
High Generator Bearing #1 Temperature Shutdown Event Breaker #2 Trip	No	
High Generator Bearing #1 Temperature Shutdown Event Fault Protection Timer	No	
Low Generator Bearing #1 Temperature Warning Event Response Configuration	Activate Warning Condition	
Low Generator Bearing #1 Temperature Warning Event Audible Alert	Yes	
Low Generator Bearing #1 Temperature Warning Event Breaker #1 Trip	No	
Low Generator Bearing #1 Temperature Warning Event Breaker #2 Trip	No	
Low Generator Bearing #1 Temperature Warning Event Fault Protection Timer	Yes	
Low Generator Bearing #1 Temperature Shutdown Event Response Configuration	Disable Condition	
Low Generator Bearing #1 Temperature Shutdown Event Audible Alert	No	
Low Generator Bearing #1 Temperature Shutdown Event Breaker #1 Trip	No	
Low Generator Bearing #1 Temperature Shutdown Event Breaker #2 Trip	No	
Low Generator Bearing #1 Temperature Shutdown Event Fault Protection Timer	No	
Generator Overcurrent Warning Event Response Configuration	Activate Warning Condition	
Generator Overcurrent Warning Event Audible Alert	Yes	
Generator Overcurrent Warning Event Breaker #1 Trip	No	
Generator Overcurrent Warning Event Breaker #2 Trip	No	
Generator Overcurrent Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Generator Overcurrent Shutdown Event Audible Alert	Yes	
Generator Overcurrent Shutdown Event Breaker #1 Trip	No	
Generator Overcurrent Shutdown Event Breaker #2 Trip	No	
Generator Over Frequency Warning Event Response Configuration	Activate Warning Condition	
Generator Over Frequency Warning Event Audible Alert	Yes	
Generator Over Frequency Warning Event Breaker #1 Trip	No	

Generator Over Frequency Warning Event Breaker #2 Trip	No	
Generator Over Frequency Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Generator Over Frequency Shutdown Event Audible Alert	Yes	
Generator Over Frequency Shutdown Event Breaker #1 Trip	No	
Generator Over Frequency Shutdown Event Breaker #2 Trip	No	
Generator Under Frequency Warning Event Response Configuration	Activate Warning Condition	
Generator Under Frequency Warning Event Audible Alert	Yes	
Generator Under Frequency Warning Event Breaker #1 Trip	No	
Generator Under Frequency Warning Event Breaker #2 Trip	No	
Generator Under Frequency Warning Event Fault Protection Timer	Yes	
Generator Under Frequency Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Generator Under Frequency Shutdown Event Audible Alert	Yes	
Generator Under Frequency Shutdown Event Breaker #1 Trip	No	
Generator Under Frequency Shutdown Event Breaker #2 Trip	No	
Generator Under Frequency Shutdown Event Fault Protection Timer	Yes	
Generator Reverse Power Warning Event Response Configuration	Activate Warning Condition	
Generator Reverse Power Warning Event Audible Alert	Yes	
Generator Reverse Power Warning Event Breaker #1 Trip	No	
Generator Reverse Power Warning Event Breaker #2 Trip	No	
Generator Reverse Power Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Generator Reverse Power Shutdown Event Audible Alert	Yes	
Generator Reverse Power Shutdown Event Breaker #1 Trip	No	
Generator Reverse Power Shutdown Event Breaker #2 Trip	No	
Generator Over Voltage Warning Event Response Configuration	Activate Warning Condition	
Generator Over Voltage Warning Event Audible Alert	Yes	
Generator Over Voltage Warning Event Breaker #1 Trip	No	
Generator Over Voltage Warning Event Breaker #2 Trip	No	

Generator Over Voltage Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Generator Over Voltage Shutdown Event Audible Alert	Yes	
Generator Over Voltage Shutdown Event Breaker #1 Trip	No	
Generator Over Voltage Shutdown Event Breaker #2 Trip	No	
Generator Under Voltage Warning Event Response Configuration	Activate Warning Condition	
Generator Under Voltage Warning Event Audible Alert	Yes	
Generator Under Voltage Warning Event Breaker #1 Trip	No	
Generator Under Voltage Warning Event Breaker #2 Trip	No	
Generator Under Voltage Warning Event Fault Protection Timer	Yes	
Generator Under Voltage Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Generator Under Voltage Shutdown Event Audible Alert	Yes	
Generator Under Voltage Shutdown Event Breaker #1 Trip	No	
Generator Under Voltage Shutdown Event Breaker #2 Trip	No	
Generator Under Voltage Shutdown Event Fault Protection Timer	Yes	
Earth Fault Event Response Configuration	Activate Hard Shutdown Condition	
Earth Fault Event Audible Alert	Yes	
Earth Fault Event Breaker #1 Trip	No	
Earth Fault Event Breaker #2 Trip	No	
Generator Winding #1 High Temperature Warning Event Response Configuration	Activate Warning Condition	
Generator Winding #1 High Temperature Warning Event Audible Alert	Yes	
Generator Winding #1 High Temperature Warning Event Breaker #1 Trip	No	
Generator Winding #1 High Temperature Warning Event Breaker #2 Trip	No	
Generator Winding #1 High Temperature Warning Event Fault Protection Timer	No	
Generator Winding #1 High Temperature Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Generator Winding #1 High Temperature Shutdown Event Audible Alert	Yes	
Generator Winding #1 High Temperature Shutdown Event Breaker #1 Trip	No	
Generator Winding #1 High Temperature Shutdown Event Breaker #2 Trip	No	
Generator Winding #1 High Temperature Shutdown Event Fault Protection Timer	No	
Generator High Power Warning Event Response Configuration	Activate Warning Condition	

Generator High Power Warning Event Audible Alert	Yes	
Generator High Power Warning Event Breaker #1 Trip	No	
Generator High Power Warning Event Breaker #2 Trip	No	
Generator Current Imbalance Warning Event Response Configuration	Activate Warning Condition	
Generator Current Imbalance Warning Event Audible Alert	Yes	
Generator Current Imbalance Warning Event Breaker #1 Trip	No	
Generator Current Imbalance Warning Event Breaker #2 Trip	No	
Generator Current Imbalance Warning Event Fault Protection Timer	No	
Generator Current Imbalance Shutdown Event Response Configuration	Activate Soft Shutdown Condition	
Generator Current Imbalance Shutdown Event Audible Alert	Yes	
Generator Current Imbalance Shutdown Event Breaker #1 Trip	No	
Generator Current Imbalance Shutdown Event Breaker #2 Trip	No	
Generator Current Imbalance Shutdown Event Fault Protection	No	
Generator Reverse Reactive Power Warning Event Response Configuration	Activate Warning Condition	
Generator Reverse Reactive Power Warning Event Audible Alert	Yes	
Generator Reverse Reactive Power Warning Event Breaker #1 Trip	No	
Generator Reverse Reactive Power Warning Event Breaker #2 Trip	No	
Generator Reverse Reactive Power Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Generator Reverse Reactive Power Shutdown Event Audible Alert	Yes	
Generator Reverse Reactive Power Shutdown Event Breaker #1 Trip	No	
Generator Reverse Reactive Power Shutdown Event Breaker #2 Trip	No	
Generator to Bus Synchronization Failure Warning Event Response Config	Activate Warning Condition	
Generator to Bus Synchronization Failure Warning Event Audible Alert	Yes	
Generator to Bus Synchronization Failure Warning Event Breaker #1 Trip	No	
Generator to Bus Synchronization Failure Warning Event Breaker #2 Trip	No	
Generator to Bus Synchronization Failure Shutdown Event Response Config	Activate Hard Shutdown Condition	
Generator to Bus Synchronization Failure Shutdown Event Audible Alert	Yes	

Generator to Bus Synchronization Failure Shutdown Event Breaker #1 Trip	No	
Generator to Bus Synchronization Failure Shutdown Event Breaker #2 Trip	No	
Generator to Bus Synchronization Failure Shutdown Event Fault Protect Timer	No	
Generator Not Ready To Automatically Parallel Warning Event Response Config	Disable Condition	
Generator Not Ready To Automatically Parallel Warning Event Audible Alert	No	
Programmable Trip Point #1 Condition Exists Event Response Configuration	Disable Condition	
Programmable Trip Point #1 Condition Exists Event Audible Alert	No	
Programmable Trip Point #1 Condition Exists Event Breaker #1 Trip	No	
Programmable Trip Point #1 Condition Exists Event Breaker #2 Trip	No	
Programmable Trip Point #1 Condition Exists Event Fault Protection Timer	No	
Programmable Trip Point #2 Condition Exists Event Response Configuration	Disable Condition	
Programmable Trip Point #2 Condition Exists Event Audible Alert	No	
Programmable Trip Point #2 Condition Exists Event Breaker #1 Trip	No	
Programmable Trip Point #2 Condition Exists Event Breaker #2 Trip	No	
Programmable Trip Point #2 Condition Exists Event Fault Protection Timer	No	
Generator Output Sensing System Diagnostic Response Configuration	Disable Condition	
Generator Output Sensing System Diagnostic Audible Alert	No	
Generator Output Sensing System Diagnostic Breaker #1 Trip	No	
Generator Output Sensing System Diagnostic Breaker #2 Trip	No	
Generator Output Sensing System Diagnostic Fault Protection Timer	No	
Programmable Trip Point #3 Condition Exists Event Response Configuration	Disable Condition	
Programmable Trip Point #3 Condition Exists Event Audible Alert	No	
Programmable Trip Point #3 Condition Exists Event Breaker #1 Trip	No	
Programmable Trip Point #3 Condition Exists Event Breaker #2 Trip	No	
Programmable Trip Point #3 Condition Exists Event Fault Protection Timer	No	
Dead Bus Inconsistent Sensing Warning Event Response Configuration	Activate Warning Condition	
Dead Bus Inconsistent Sensing Warning Event Audible Alert	Yes	

Dead Bus Inconsistent Sensing Warning Event Breaker #1 Trip	No	
Dead Bus Inconsistent Sensing Warning Event Breaker #2 Trip	No	
High Battery Voltage Warning Event Response Configuration	Activate Warning Condition	
High Battery Voltage Warning Event Audible Alert	Yes	
High Battery Voltage Warning Event Breaker #1 Trip	No	
High Battery Voltage Warning Event Breaker #2 Trip	No	
High Battery Voltage Shutdown Event Response Configuration	Activate Soft Shutdown Condition	
High Battery Voltage Shutdown Event Audible Alert	Yes	
High Battery Voltage Shutdown Event Breaker #1 Trip	No	
High Battery Voltage Shutdown Event Breaker #2 Trip	No	
Low Battery Voltage Warning Event Response Configuration	Activate Warning Condition	
Low Battery Voltage Warning Event Audible Alert	Yes	
Low Battery Voltage Warning Event Breaker #1 Trip	No	
Low Battery Voltage Warning Event Breaker #2 Trip	No	
Low Battery Voltage Warning Event Fault Protection Timer	No	
Low Battery Charging System Voltage Warning Event Response Configuration	Activate Warning Condition	
Low Battery Charging System Voltage Warning Event Audible Alert	Yes	
Low Battery Charging System Voltage Warning Event Breaker #1 Trip	No	
Low Battery Charging System Voltage Warning Event Breaker #2 Trip	No	
Low Battery Charging System Voltage Warning Event Fault Protection Timer	No	
Generator Breaker Failure To Open Event Response Configuration	Activate Warning Condition	
Generator Breaker Failure To Open Event Audible Alert	Yes	
Generator Breaker Failure To Open Event Loss Of Utility	Yes	
Generator Breaker Failure To Open Event Breaker #1 Trip	No	
Generator Breaker Failure To Open Event Breaker #2 Trip	No	
Generator Breaker Failure To Close Event Response Configuration	Activate Hard Shutdown Condition	
Generator Breaker Failure To Close Event Audible Alert	Yes	

Generator Breaker Failure To Close Event Breaker #1 Trip	No	
Generator Breaker Failure To Close Event Breaker #2 Trip	No	
Engine In Cooldown Event Response Configuration	Active Only Condition	
Engine In Cooldown Event Audible Alert	No	
Engine Speed-Generator Output Freq Mismatch Warning Event Response Config	Activate Warning Condition	
Engine Speed-Generator Output Freq Mismatch Warning Event Audible Alert	Yes	
Engine Speed-Generator Output Freq Mismatch Warning Event Breaker #1 Trip	No	
Engine Speed-Generator Output Freq Mismatch Warning Event Breaker #2 Trip	No	
Generator Control Not in Automatic Warning Event Response Configuration	Activate Warning Condition	
Generator Control Not in Automatic Warning Event Audible Alert	Yes	
Earth Leakage Event Response Configuration	Activate Hard Shutdown Condition	
Earth Leakage Event Audible Alert	Yes	
Earth Leakage Event Breaker #1 Trip	No	
Earth Leakage Event Breaker #2 Trip	No	
Emergency Power System Supplying Load Event Response Configuration	Warning & Active Only Condition	
Emergency Power System Supplying Load Event Audible Alert	No	
Low Cranking Voltage Warning Event Response Configuration	Disable Condition	
Low Cranking Voltage Warning Event Audible Alert	No	
Low Cranking Voltage Warning Event Breaker #1 Trip	No	
Low Cranking Voltage Warning Event Breaker #2 Trip	No	
Analog Input #1 Custom Parameter High Warning Event Response Configuration	Activate Warning Condition	
Analog Input #1 Custom Parameter High Warning Event Audible Alert	Yes	
Analog Input #1 Custom Parameter High Warning Event Breaker #1 Trip	No	
Analog Input #1 Custom Parameter High Warning Event Breaker #2 Trip	No	
Analog Input #1 Custom Parameter High Warning Event Fault Protection Timer	No	
Analog Input #1 Custom Parameter High Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Analog Input #1 Custom Parameter High Shutdown Event Audible Alert	Yes	
Analog Input #1 Custom Parameter High Shutdown Event Breaker #1 Trip	No	
Analog Input #1 Custom Parameter High Shutdown Event Breaker #2 Trip	No	

Analog Input #1 Custom Parameter High Shutdown Event Fault Protection Timer	No	
Analog Input #1 Custom Parameter Low Warning Event Response Configuration	Activate Warning Condition	
Analog Input #1 Custom Parameter Low Warning Event Audible Alert	Yes	
Analog Input #1 Custom Parameter Low Warning Event Breaker #1 Trip	No	
Analog Input #1 Custom Parameter Low Warning Event Breaker #2 Trip	No	
Analog Input #1 Custom Parameter Low Warning Event Fault Protection Timer	No	
Analog Input #1 Custom Parameter Low Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Analog Input #1 Custom Parameter Low Shutdown Event Audible Alert	Yes	
Analog Input #1 Custom Parameter Low Shutdown Event Breaker #1 Trip	No	
Analog Input #1 Custom Parameter Low Shutdown Event Breaker #2 Trip	No	
Analog Input #1 Custom Parameter Low Shutdown Event Fault Protection Timer	No	
Analog Input #2 Custom Parameter High Warning Event Response Configuration	Activate Warning Condition	
Analog Input #2 Custom Parameter High Warning Event Audible Alert	Yes	
Analog Input #2 Custom Parameter High Warning Event Breaker #1 Trip	No	
Analog Input #2 Custom Parameter High Warning Event Breaker #2 Trip	No	
Analog Input #2 Custom Parameter High Warning Event Fault Protection Timer	No	
Analog Input #2 Custom Parameter High Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Analog Input #2 Custom Parameter High Shutdown Event Audible Alert	Yes	
Analog Input #2 Custom Parameter High Shutdown Event Breaker #1 Trip	No	
Analog Input #2 Custom Parameter High Shutdown Event Breaker #2 Trip	No	
Analog Input #2 Custom Parameter High Shutdown Event Fault Protection Timer	No	
Analog Input #2 Custom Parameter Low Warning Event Response Configuration	Activate Warning Condition	
Analog Input #2 Custom Parameter Low Warning Event Audible Alert	Yes	
Analog Input #2 Custom Parameter Low Warning Event Breaker #1 Trip	No	
Analog Input #2 Custom Parameter Low Warning Event Breaker #2 Trip	No	
Analog Input #2 Custom Parameter Low Warning Event Fault Protection Timer	No	
Analog Input #2 Custom Parameter Low Shutdown Event Response Configuration	Activate Hard Shutdown Condition	

Analog Input #2 Custom Parameter Low Shutdown Event Audible Alert	Yes	
Analog Input #2 Custom Parameter Low Shutdown Event Breaker #1 Trip	No	
Analog Input #2 Custom Parameter Low Shutdown Event Breaker #2 Trip	No	
Analog Input #2 Custom Parameter Low Shutdown Event Fault Protection Timer	No	
Analog Input #3 Custom Parameter High Warning Event Response Configuration	Activate Warning Condition	
Analog Input #3 Custom Parameter High Warning Event Audible Alert	Yes	
Analog Input #3 Custom Parameter High Warning Event Breaker #1 Trip	No	
Analog Input #3 Custom Parameter High Warning Event Breaker #2 Trip	No	
Analog Input #3 Custom Parameter High Warning Event Fault Protection Timer	No	
Analog Input #3 Custom Parameter High Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Analog Input #3 Custom Parameter High Shutdown Event Audible Alert	Yes	
Analog Input #3 Custom Parameter High Shutdown Event Breaker #1 Trip	No	
Analog Input #3 Custom Parameter High Shutdown Event Breaker #2 Trip	No	
Analog Input #3 Custom Parameter High Shutdown Event Fault Protection Timer	No	
Analog Input #3 Custom Parameter Low Warning Event Response Configuration	Activate Warning Condition	
Analog Input #3 Custom Parameter Low Warning Event Audible Alert	Yes	
Analog Input #3 Custom Parameter Low Warning Event Breaker #1 Trip	No	
Analog Input #3 Custom Parameter Low Warning Event Breaker #2 Trip	No	
Analog Input #3 Custom Parameter Low Warning Event Fault Protection Timer	No	
Analog Input #3 Custom Parameter Low Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Analog Input #3 Custom Parameter Low Shutdown Event Audible Alert	Yes	
Analog Input #3 Custom Parameter Low Shutdown Event Breaker #1 Trip	No	
Analog Input #3 Custom Parameter Low Shutdown Event Breaker #2 Trip	No	
Analog Input #3 Custom Parameter Low Shutdown Event Fault Protection Timer	No	
Analog Input #4 Custom Parameter High Warning Event Response Configuration	Activate Warning Condition	
Analog Input #4 Custom Parameter High Warning Event Audible Alert	Yes	
Analog Input #4 Custom Parameter High Warning Event Breaker #1 Trip	No	

Analog Input #4 Custom Parameter High Warning Event Breaker #2 Trip	No	
Analog Input #4 Custom Parameter High Warning Event Fault Protection Timer	No	
Analog Input #4 Custom Parameter High Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Analog Input #4 Custom Parameter High Shutdown Event Audible Alert	Yes	
Analog Input #4 Custom Parameter High Shutdown Event Breaker #1 Trip	No	
Analog Input #4 Custom Parameter High Shutdown Event Breaker #2 Trip	No	
Analog Input #4 Custom Parameter High Shutdown Event Fault Protection Timer	No	
Analog Input #4 Custom Parameter Low Warning Event Response Configuration	Activate Warning Condition	
Analog Input #4 Custom Parameter Low Warning Event Audible Alert	Yes	
Analog Input #4 Custom Parameter Low Warning Event Breaker #1 Trip	No	
Analog Input #4 Custom Parameter Low Warning Event Breaker #2 Trip	No	
Analog Input #4 Custom Parameter Low Warning Event Fault Protection Timer	No	
Analog Input #4 Custom Parameter Low Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Analog Input #4 Custom Parameter Low Shutdown Event Audible Alert	Yes	
Analog Input #4 Custom Parameter Low Shutdown Event Breaker #1 Trip	No	
Analog Input #4 Custom Parameter Low Shutdown Event Breaker #2 Trip	No	
Analog Input #4 Custom Parameter Low Shutdown Event Fault Protection Timer	No	
Utility Breaker Failure To Open Event Response Configuration	Activate Hard Shutdown Condition	
Utility Breaker Failure To Open Event Audible Alert	Yes	
Utility Breaker Failure To Open Event Breaker #1 Trip	No	
Utility Breaker Failure To Open Event Breaker #2 Trip	No	
Utility Breaker Failure To Close Event Response Configuration	Activate Warning Condition	
Utility Breaker Failure To Close Event Audible Alert	Yes	
Utility Breaker Failure To Close Event Breaker #1 Trip	No	
Utility Breaker Failure To Close Event Breaker #2 Trip	No	
Utility Breaker Failure To Close Event Loss of Utility	Yes	
Loss of Utility Event Response Configuration	Warning & Active Only Condition	

Loss of Utility Event Audible Alert	Yes	
Loss of Utility Event Breaker #1 Trip	No	
Loss of Utility Event Breaker #2 Trip	No	
Loss of Utility Event Loss of Utility	Yes	
Utility to Generator Transfer Failure Warning Event Response Configuration	Disable Condition	
Utility to Generator Transfer Failure Warning Event Audible Alert	No	
Utility to Generator Transfer Failure Warning Event Breaker #1 Trip	No	
Utility to Generator Transfer Failure Warning Event Breaker #2 Trip	No	
Utility to Generator Transfer Failure Shutdown Event Response Configuration	Activate Hard Shutdown Condition	
Utility to Generator Transfer Failure Shutdown Event Audible Alert	Yes	
Utility to Generator Transfer Failure Shutdown Event Breaker #1 Trip	Yes	
Utility to Generator Transfer Failure Shutdown Event Breaker #2 Trip	No	
Generator to Utility Transfer Failure Warning Event Response Configuration	Activate Warning Condition	
Generator to Utility Transfer Failure Warning Event Audible Alert	Yes	
Generator to Utility Transfer Failure Warning Event Breaker #1 Trip	No	
Generator to Utility Transfer Failure Warning Event Breaker #2 Trip	No	
Generator to Utility Transfer Failure Warning Event Loss of Utility	Yes	
Utility Breaker System Fault Event Response Configuration	Activate Warning Condition	
Utility Breaker System Fault Event Audible Alert	Yes	
Utility Breaker System Fault Event Breaker #1 Trip	No	
Utility Breaker System Fault Event Breaker #2 Trip	No	
Utility Breaker System Fault Event Loss of Utility	Yes	
Utility Breaker Locked Out Warning Event Response Configuration	Unavailable	
Utility Breaker Locked Out Warning Event Audible Alert	Unavailable	
Utility Breaker Locked Out Warning Event Loss of Utility	Unavailable	
Utility Breaker Open Event Response Configuration	Unavailable	
Utility Breaker Open Event Audible Alert	Unavailable	
Utility Breaker Open Event Loss of Utility	Unavailable	
Utility Breaker Closed Event Response Configuration	Unavailable	
Utility Breaker Closed Event Audible Alert	Unavailable	

Utility Breaker Closed Event Loss of Utility	Unavailable	
Automatic Transfer Switch In Normal Position Event Response Configuration	Unavailable	
Automatic Transfer Switch In Normal Position Event Audible Alert	Unavailable	
Automatic Transfer Switch In Normal Position Event Loss of Utility	Unavailable	
Automatic Transfer Switch In Emergency Position Event Response Config	Unavailable	
Automatic Transfer Switch In Emergency Position Event Audible Alert	Unavailable	
Automatic Transfer Switch In Emergency Position Event Loss of Utility	Unavailable	
Custom Event #1 Condition Exists Event Response Configuration	Activate Hard Shutdown Condition	
Custom Event #1 Condition Exists Event Audible Alert	Yes	
Custom Event #1 Condition Exists Event Breaker #1 Trip	Yes	
Custom Event #1 Condition Exists Event Breaker #2 Trip	No	
Custom Event #1 Condition Exists Event Fault Protection Timer	No	
Custom Event #2 Condition Exists Event Response Configuration	Activate Warning Condition	
Custom Event #2 Condition Exists Event Audible Alert	Yes	
Custom Event #2 Condition Exists Event Breaker #1 Trip	No	
Custom Event #2 Condition Exists Event Breaker #2 Trip	No	
Custom Event #2 Condition Exists Event Fault Protection Timer	No	
Custom Event #3 Condition Exists Event Response Configuration	Activate Warning Condition	
Custom Event #3 Condition Exists Event Audible Alert	Yes	
Custom Event #3 Condition Exists Event Breaker #1 Trip	No	
Custom Event #3 Condition Exists Event Breaker #2 Trip	No	
Custom Event #3 Condition Exists Event Fault Protection Timer	No	
Custom Event #4 Condition Exists Event Response Configuration	Activate Soft Shutdown Condition	
Custom Event #4 Condition Exists Event Audible Alert	Yes	
Custom Event #4 Condition Exists Event Breaker #1 Trip	Yes	
Custom Event #4 Condition Exists Event Breaker #2 Trip	No	
Custom Event #4 Condition Exists Event Fault Protection Timer	No	

Custom Event #5 Condition Exists Event Response Configuration	Active Only Condition	
Custom Event #5 Condition Exists Event Audible Alert	No	
Custom Event #5 Condition Exists Event Breaker #1 Trip	No	
Custom Event #5 Condition Exists Event Breaker #2 Trip	No	
Custom Event #5 Condition Exists Event Fault Protection Timer	No	
Custom Event #6 Condition Exists Event Response Configuration	Active Only Condition	
Custom Event #6 Condition Exists Event Audible Alert	No	
Custom Event #6 Condition Exists Event Breaker #1 Trip	No	
Custom Event #6 Condition Exists Event Breaker #2 Trip	No	
Custom Event #6 Condition Exists Event Fault Protection Timer	No	
Custom Event #7 Condition Exists Event Response Configuration	Active Only Condition	
Custom Event #7 Condition Exists Event Audible Alert	No	
Custom Event #7 Condition Exists Event Breaker #1 Trip	No	
Custom Event #7 Condition Exists Event Breaker #2 Trip	No	
Custom Event #7 Condition Exists Event Fault Protection Timer	No	
Custom Event #8 Condition Exists Event Response Configuration	Active Only Condition	
Custom Event #8 Condition Exists Event Audible Alert	No	
Custom Event #8 Condition Exists Event Breaker #1 Trip	No	
Custom Event #8 Condition Exists Event Breaker #2 Trip	No	
Custom Event #8 Condition Exists Event Fault Protection Timer	No	
Isolated Digital Input #1 Custom Event Response Configuration	Active Only Condition	
Isolated Digital Input #1 Custom Event Audible Alert	No	
Isolated Digital Input #1 Custom Event Breaker #1 Trip	No	
Isolated Digital Input #1 Custom Event Breaker #2 Trip	No	
Isolated Digital Input #1 Custom Event Fault Protection Timer	No	
Isolated Digital Input #2 Custom Event Response Configuration	Activate Hard Shutdown Condition	
Isolated Digital Input #2 Custom Event Audible Alert	Yes	

Isolated Digital Input #2 Custom Event Breaker #1 Trip	Yes	
Isolated Digital Input #2 Custom Event Breaker #2 Trip	No	
Isolated Digital Input #2 Custom Event Fault Protection Timer	No	
Isolated Digital Input #3 Custom Event Response Configuration	Active Only Condition	
Isolated Digital Input #3 Custom Event Audible Alert	No	
Isolated Digital Input #3 Custom Event Breaker #1 Trip	No	
Isolated Digital Input #3 Custom Event Breaker #2 Trip	No	
Isolated Digital Input #3 Custom Event Fault Protection Timer	No	
Isolated Digital Input #4 Custom Event Response Configuration	Active Only Condition	
Isolated Digital Input #4 Custom Event Audible Alert	No	
Isolated Digital Input #4 Custom Event Breaker #1 Trip	No	
Isolated Digital Input #4 Custom Event Breaker #2 Trip	No	
Isolated Digital Input #4 Custom Event Fault Protection Timer	No	
Event Breaker #1 Trip Response Auto Reset Enable Status	Enabled	
Engine Running Conditions - Custom Event Digital Input	Do Not Activate	
Engine Running Conditions - Engine Running	Do Not Activate	
Engine Running Conditions - Volts/Hertz within Limits	Do Not Activate	
Engine Running Conditions - Engine Running at Rated Speed	Do Not Activate	
Event Loss Of Utility Response Auto Reset Enable Status	Enabled	
Fuel Fill/Drain Feature Enable Status	Enabled	
Fuel Fill Activation Tank Level Percentage Threshold	50.0	%
Fuel Fill Deactivation Tank Level Percentage Threshold	85.0	%
Fuel Drain Deactivation Tank Level Percentage Threshold	10.0	%
Generator Potential Transformer Primary Winding Rating	1	Volts
Generator Potential Transformer Secondary Winding Rating	1	Volts
Generator Current Transformer Primary Winding Rating	3000	Amps
Generator Current Transformer Secondary Winding Rating	5	Amps
Number of Generator Poles	4	Poles

Generator Connection Configuration #1	Wye (or Star)	
Generator Rated Frequency #1	60.00	Hz
Generator Rated Voltage #1	480	Volts
Generator Rated Power #1	1825	kW
Generator Rated Apparent Power #1	2281	kVA
Generator Connection Configuration #2	Wye (or Star)	
Generator Rated Frequency #2	45.00	Hz
Generator Rated Voltage #2	100	Volts
Generator Rated Power #2	1	kW
Generator Rated Apparent Power #2	1	kVA
Generator Connection Configuration #3	Wye (or Star)	
Generator Rated Frequency #3	45.00	Hz
Generator Rated Voltage #3	100	Volts
Generator Rated Power #3	1	kW
Generator Rated Apparent Power #3	1	kVA
Generator Connection Configuration #4	Wye (or Star)	
Generator Rated Frequency #4	45.00	Hz
Generator Rated Voltage #4	100	Volts
Generator Rated Power #4	1	kW
Generator Rated Apparent Power #4	1	kVA
Maximum Generator Voltage Output Bias Percentage	5	%
Bus Connection Configuration	Wye (or Star)	
Bus Potential Transformer Primary Winding Rating	1	Volts
Bus Potential Transformer Secondary Winding Rating	1	Volts
Customer Password Security Level to Reset Generator Energy Meters	3-Factory, Single Use	
Generator Breaker Closing Pulse Active Time	1.0	sec
Generator Breaker Closing Pulse Rest Interval	15	sec
Generator Breaker Maximum Closing Time	60	sec
Generator Breaker Maximum Opening Time	3	sec
Generator Breaker Fail to Open System Shutdown Enable Status	Disabled	
Generator Definite Time Overcurrent Warning Event Percentage Threshold	105	%
Generator Inverse Time Overcurrent Shutdown Event Time Multiplier	0.27	sec
Generator Definite Time Overcurrent Shutdown Event Percentage Threshold	110	%
Generator Definite Time Overcurrent Shutdown Event Notification Delay Time	10.0	sec
Generator Inverse Time Over Current Shutdown Event Threshold	100	%
Generator Inverse Definite Minimum Time Curve Type Configuration	Normal Inverse Curve	
Generator Rated Current Multiplier	1.00	

Maintenance Mode Definite Time Over Current Shutdown Event Percentage	150	%
Generator Stator Current Limiter Enable Status	Disabled	
Generator Stator Current Limiter Setpoint	250	%
Generator Stator Current Limiter Proportional Gain Percentage	50.0	%
Generator Stator Current Limiter Integral Gain Percentage	50.0	%
Generator Current Imbalance Warning Event Percentage Threshold	25.0	%
Generator Current Imbalance Warning Event Notification Delay Time	5	sec
Generator Current Imbalance Shutdown Event Percentage Threshold	35.0	%
Generator Current Imbalance Shutdown Event Notification Delay Time	30	sec
Breaker Close to Dead Bus Input Configuration	Ethernet	
Breaker Close to Dead Bus Maximum Time	1.0	sec
Dead Bus Voltage Percentage Threshold	10.0	%
Automatic Dead Bus Close Enable Status	Enabled	
Generator Over Frequency Warning Event Percentage Threshold	105.0	%
Generator Over Frequency Warning Event Notification Delay Time	10	sec
Generator Over Frequency Shutdown Event Percentage Threshold	110.0	%
Generator Over Frequency Shutdown Event Notification Delay Time	2	sec
Generator Under Frequency Warning Event Percentage Threshold	95.0	%
Generator Under Frequency Warning Event Notification Delay Time	10	sec
Generator Under Frequency Shutdown Event Percentage Threshold	90.0	%
Generator Under Frequency Shutdown Event Notification Delay Time	4	sec
Generator Over Voltage Warning Event Percentage Threshold	105	%
Generator Over Voltage Warning Event Notification Delay Time	10	sec
Generator Over Voltage Shutdown Event Percentage Threshold	110	%
Generator Over Voltage Shutdown Event Notification Delay Time	2	sec
Generator Under Voltage Warning Event Percentage Threshold	90	%
Generator Under Voltage Warning Event Notification Delay Time	10	sec
Generator Under Voltage Shutdown Event Percentage Threshold	85	%
Generator Under Voltage Shutdown Event Notification Delay Time	10	sec

Generator Real Load Sharing Proportional Gain Percentage	5.9	%
Generator Real Load Sharing Integral Gain Percentage	3.5	%
Generator Real Load Sharing Input Configuration	Ethernet	
Generator Reactive Load Sharing Proportional Gain Percentage	5.00	%
Generator Reactive Load Sharing Integral Gain Percentage	3.50	%
Generator Reactive Load Sharing Input Configuration	Ethernet	
Generator Real Load Sharing Frequency Control Proportional Gain Percentage	5.9	%
Generator Real Load Sharing Frequency Control Integral Gain Percentage	3.5	%
Generator Real Load Control Droop Percentage Configuration	3.0	%
Generator Reactive Load Sharing Voltage Control Proportional Gain Percent	15.0	%
Generator Reactive Load Sharing Voltage Control Integral Gain Percentage	1.0	%
Generator Reactive Load Control Droop Percentage Configuration	0.00	%
Generator Real Load Control Proportional Gain Percentage	12.0	%
Generator Real Load Control Integral Gain Percentage	7.0	%
Generator Real Load Control Base Load Level Configuration	2000	kW
Generator Real Load Control Maximum Generator Soft Load Time Configuration	90	sec
Generator Real Load Control Maximum Generator Soft Unload Time Config	90	sec
Generator Real Load Control Soft Unload Complete Percentage Threshold	5	%
Generator Reactive Load Control Proportional Gain Percentage	5.0	%
Generator Reactive Load Control Integral Gain Percentage	1.0	%
Generator Reactive Load Control Power Factor Level Configuration	1.00	
Generator Load Control Protective Droop Enable Status	Disabled	
Generator Real Load Control Protective Droop High Power Threshold	95.0	%
Generator Real Load Control Protective Droop High Power Slope	0.040	Hz/%
Generator Real Load Control Protective Droop Low Power Threshold	0.0	%
Generator Real Load Control Protective Droop Low Power Slope	0.040	Hz/%
Generator Reactive Load Control Protective Droop High Power Threshold	95.0	%

Generator Reactive Load Control Protective Droop High Power Slope	0.500	V/%
Generator Reactive Load Control Protective Droop Low Power Threshold	0.0	%
Generator Reactive Load Control Protective Droop Low Power Slope	0.500	
Generator Reverse Power Warning Event Percentage Threshold	5	%
Generator Reverse Power Warning Event Notification Delay Time	10	sec
Generator Reverse Power Shutdown Event Percentage Threshold	10	%
Generator Reverse Power Shutdown Event Notification Delay Time	10	sec
Generator Reverse Reactive Power Warning Event Percentage Threshold	5.00	%
Generator Reverse Reactive Power Warning Event Notification Delay Time	10	sec
Generator Reverse Reactive Power Shutdown Event Percentage Threshold	10.00	%
Generator Reverse Reactive Power Shutdown Event Notification Delay Time	10	sec
Generator to Bus Synchronization Failure Warning Event Threshold	60	sec
Generator to Bus Synchronizer Maximum Positive Phase Difference Threshold	5.0	Deg
Generator to Bus Synchronizer Maximum Negative Phase Difference Threshold	5.0	Deg
Generator to Bus Synchronization Failure Shutdown Event Threshold	120	sec
Generator to Bus Synchronizer Max Voltage Difference Percentage Threshold	3	%
Generator to Bus Synchronizer Automatic Voltage Match Enable Status	Enabled	
Generator to Bus Synchronizer Voltage Match Rate Configuration	25.0	
Generator to Bus Synchronizer Negative Slip Frequency Enable Status	Enabled	
Generator to Bus Synchronizer Minimum Dwell Time	0.3	sec
Generator to Bus Synchronizer Phase Bias Proportional Gain Percentage	5.00	%
Generator to Bus Synchronizer Phase Bias Integral Gain Percentage	5.50	%
Generator to Bus Synchronizer Frequency Bias Proportional Gain Percentage	5.0	%
Generator to Bus Synchronizer Frequency Bias Integral Gain Percentage	3.5	%
Load Sense Load Demand Enable Minimum Delay Time	5	min
Load Sense Load Demand Input Configuration	Disabled	
Load Sense Load Demand Add Unit Percentage Threshold	70	%

Load Sense Load Demand Add Unit Delay Time	5	sec
Load Sense Load Demand Drop Unit Percentage Threshold	30	%
Load Sense Load Demand Drop Unit Delay Time	30	sec
Load Sense Load Demand Fast Add Unit Percentage Threshold	90	%
Load Sense Load Demand Fast Add Unit Delay Time	3	sec
Generator Paralleling Priority Number	0	
Load Sense Load Demand Sequence Strategy Configuration	Priority Number	
Load Sense Load Demand Operating Hour Offset	0	hours
Load Sense Load Demand Operating Hour Window	10	hours
Load Sense Load Demand Number of Redundant Units	0	
Load Sense Load Demand Reactive Power Add Unit Delay Time	5	sec
Load Sense Load Demand Reactive Power Add Unit Percentage Threshold	70	%
Load Sense Load Demand Reactive Power Fast Add Unit Delay Time	3	sec
Load Sense Load Demand Reactive Power Fast Add Unit Percentage Threshold	90	%
Load Sense Load Demand Event Trigger Add Unit Enable Status	Disabled	
Load Sense Load Demand User Operation Setting Enable Status	Disabled	
Load Shed Activation Conditions - Generator Breaker Open	Do Not Activate	
Load Shed Activation Conditions - Underfrequency Warning Event Active	Do Not Activate	
Load Shed Activation Conditions - Undervoltage Warning Event Active	Do Not Activate	
Load Shed Activation Conditions - Programmable kW Relay Trip #1 Active	Do Not Activate	
Load Shed Activation Conditions - Programmable kW Relay Trip #2 Active	Do Not Activate	
Load Shed Activation Conditions - Programmable kW Relay Trip #3 Active	Do Not Activate	
Load Shed Activation Conditions - Load Bank Mode Exit	Do Not Activate	
Programmable Cycle Timer #1 Activation Day - Sunday	Deactivate	
Programmable Cycle Timer #1 Activation Day - Monday	Deactivate	
Programmable Cycle Timer #1 Activation Day - Tuesday	Deactivate	
Programmable Cycle Timer #1 Activation Day - Wednesday	Deactivate	

Programmable Cycle Timer #1 Activation Day - Thursday	Deactivate	
Programmable Cycle Timer #1 Activation Day - Friday	Deactivate	
Programmable Cycle Timer #1 Activation Day - Saturday	Deactivate	
Programmable Cycle Timer #1 Activation Start Time	0	min
Programmable Cycle Timer #1 Active Time	1	min
Programmable Cycle Timer #1 Output #1 Activation Configuration	Inactive	
Programmable Cycle Timer #1 Output #2 Activation Configuration	Inactive	
Programmable Cycle Timer #1 Output #3 Activation Configuration	Inactive	
Programmable Cycle Timer #2 Activation Day - Sunday	Deactivate	
Programmable Cycle Timer #2 Activation Day - Monday	Deactivate	
Programmable Cycle Timer #2 Activation Day - Tuesday	Deactivate	
Programmable Cycle Timer #2 Activation Day - Wednesday	Deactivate	
Programmable Cycle Timer #2 Activation Day - Thursday	Deactivate	
Programmable Cycle Timer #2 Activation Day - Friday	Deactivate	
Programmable Cycle Timer #2 Activation Day - Saturday	Deactivate	
Programmable Cycle Timer #2 Activation Start Time	0	min
Programmable Cycle Timer #2 Active Time	1	min
Programmable Cycle Timer #2 Output #1 Activation Configuration	Inactive	
Programmable Cycle Timer #2 Output #2 Activation Configuration	Inactive	
Programmable Cycle Timer #2 Output #3 Activation Configuration	Inactive	
Programmable Cycle Timer #3 Activation Day - Sunday	Deactivate	
Programmable Cycle Timer #3 Activation Day - Monday	Deactivate	
Programmable Cycle Timer #3 Activation Day - Tuesday	Deactivate	
Programmable Cycle Timer #3 Activation Day - Wednesday	Deactivate	
Programmable Cycle Timer #3 Activation Day - Thursday	Deactivate	
Programmable Cycle Timer #3 Activation Day - Friday	Deactivate	
Programmable Cycle Timer #3 Activation Day - Saturday	Deactivate	
Programmable Cycle Timer #3 Activation Start Time	0	min

Programmable Cycle Timer #3 Active Time	1	min
Programmable Cycle Timer #3 Output #1 Activation Configuration	Inactive	
Programmable Cycle Timer #3 Output #2 Activation Configuration	Inactive	
Programmable Cycle Timer #3 Output #3 Activation Configuration	Inactive	
Programmable Cycle Timer #4 Activation Day - Sunday	Deactivate	
Programmable Cycle Timer #4 Activation Day - Monday	Deactivate	
Programmable Cycle Timer #4 Activation Day - Tuesday	Deactivate	
Programmable Cycle Timer #4 Activation Day - Wednesday	Deactivate	
Programmable Cycle Timer #4 Activation Day - Thursday	Deactivate	
Programmable Cycle Timer #4 Activation Day - Friday	Deactivate	
Programmable Cycle Timer #4 Activation Day - Saturday	Deactivate	
Programmable Cycle Timer #4 Activation Start Time	0	min
Programmable Cycle Timer #4 Active Time	1	min
Programmable Cycle Timer #4 Output #1 Activation Configuration	Inactive	
Programmable Cycle Timer #4 Output #2 Activation Configuration	Inactive	
Programmable Cycle Timer #4 Output #3 Activation Configuration	Inactive	
Programmable Cycle Timer #5 Activation Day - Sunday	Deactivate	
Programmable Cycle Timer #5 Activation Day - Monday	Deactivate	
Programmable Cycle Timer #5 Activation Day - Tuesday	Deactivate	
Programmable Cycle Timer #5 Activation Day - Wednesday	Deactivate	
Programmable Cycle Timer #5 Activation Day - Thursday	Deactivate	
Programmable Cycle Timer #5 Activation Day - Friday	Deactivate	
Programmable Cycle Timer #5 Activation Day - Saturday	Deactivate	
Programmable Cycle Timer #5 Activation Start Time	0	min
Programmable Cycle Timer #5 Active Time	1	min
Programmable Cycle Timer #5 Output #1 Activation Configuration	Inactive	
Programmable Cycle Timer #5 Output #2 Activation Configuration	Inactive	
Programmable Cycle Timer #5 Output #3 Activation Configuration	Inactive	

Programmable Cycle Timer #6 Activation Day - Sunday	Deactivate	
Programmable Cycle Timer #6 Activation Day - Monday	Deactivate	
Programmable Cycle Timer #6 Activation Day - Tuesday	Deactivate	
Programmable Cycle Timer #6 Activation Day - Wednesday	Deactivate	
Programmable Cycle Timer #6 Activation Day - Thursday	Deactivate	
Programmable Cycle Timer #6 Activation Day - Friday	Deactivate	
Programmable Cycle Timer #6 Activation Day - Saturday	Deactivate	
Programmable Cycle Timer #6 Activation Start Time	0	min
Programmable Cycle Timer #6 Active Time	1	min
Programmable Cycle Timer #6 Output #1 Activation Configuration	Inactive	
Programmable Cycle Timer #6 Output #2 Activation Configuration	Inactive	
Programmable Cycle Timer #6 Output #3 Activation Configuration	Inactive	
Programmable Cycle Timer #7 Activation Day - Sunday	Deactivate	
Programmable Cycle Timer #7 Activation Day - Monday	Deactivate	
Programmable Cycle Timer #7 Activation Day - Tuesday	Deactivate	
Programmable Cycle Timer #7 Activation Day - Wednesday	Deactivate	
Programmable Cycle Timer #7 Activation Day - Thursday	Deactivate	
Programmable Cycle Timer #7 Activation Day - Friday	Deactivate	
Programmable Cycle Timer #7 Activation Day - Saturday	Deactivate	
Programmable Cycle Timer #7 Activation Start Time	0	min
Programmable Cycle Timer #7 Active Time	1	min
Programmable Cycle Timer #7 Output #1 Activation Configuration	Inactive	
Programmable Cycle Timer #7 Output #2 Activation Configuration	Inactive	
Programmable Cycle Timer #7 Output #3 Activation Configuration	Inactive	
Electronic Control Module Reduced Power Mode Enable Status	Disabled	
Electronic Control Module Reduced Power Mode Delay Time	30	min
Maintenance Level 1 Cycle Interval Hours	500	hours
Maintenance Level 1 Cycle Interval Days	365	
Customer Password Security Level to Reset Service Maintenance Interval	1-Operator	

Programmable Trip Point Function #1 Trigger Condition	Disabled	
Programmable Trip Point Function #1 Percentage Threshold	0	%
Programmable Trip Point Function #1 Hysteresis Percentage	0	%
Programmable Trip Point Function #1 Trip Activation Delay Time	0	sec
Programmable Trip Point Function #1 Trip Deactivation Delay Time	0	sec
Programmable Trip Point Function #2 Trigger Condition	Disabled	
Programmable Trip Point Function #2 Percentage Threshold	0	%
Programmable Trip Point Function #2 Hysteresis Percentage	0	%
Programmable Trip Point Function #2 Trip Activation Delay Time	0	sec
Programmable Trip Point Function #2 Trip Deactivation Delay Time	0	sec
Programmable Trip Point Function #3 Trigger Condition	Disabled	
Programmable Trip Point Function #3 Percentage Threshold	0	%
Programmable Trip Point Function #3 Hysteresis Percentage	0	%
Programmable Trip Point Function #3 Trip Activation Delay Time	0	sec
Programmable Trip Point Function #3 Trip Deactivation Delay Time	0	sec
Overview Screen Enable Status	Disabled	
Overview Screen Keypad Inactivity Delay Time	60.0	sec
Generator/Utility Automatic Transfer Enable Status	Disabled	
Loss of Utility Event Notification Delay Time	10.0	sec
Generator to Utility Transfer Delay Time	3.0	min
Generator to Utility Fast Transfer Delay Time	10	sec
Utility to Generator Transfer Failure Warning Event Threshold	60	sec
Utility to Generator Transfer Failure Shutdown Event Threshold	90	sec
Generator to Utility Transfer Failure Warning Event Threshold	60	sec
Generator/Utility Automatic Transfer Unpowered Load Time	0.0	sec
Generator Ready to Load Threshold Percentage	90.0	%
Generator Ready to Load Delay Time	0.0	sec
Generator to Utility Transfer Mode	Automatic	
Utility Breaker Maximum Closing Time	30	sec
Utility Breaker Maximum Opening Time	3	sec

Programmable Logic Feature Enable Status	Disabled	
Programmable Logic Function File Name		
Programmable Logic Function File Login User Name		
Programmable Logic Function File Download Time/Date	1/1/1999 12:00:00 AM	
Programmable Logic Function File Modified Time/Date	1/1/1999 12:00:00 AM	
Utility Interface Configuration	None	
Generator Set Application Type Configuration	Data Invalid	
Utility to Generator Transition Overload Protection Enable Status	Unavailable	
Maximum Utility Paralleling Duration	Unavailable	sec
Advanced Genset Power Management Features Installation Status	Not Installed	
Engine Serial Number	BPD00890	
Product ID	EQ150240	
Display Pressure Units Configuration	psi	
Display Temperature Units Configuration	Degrees Fahrenheit	
Display Volume Units Configuration	US gallons	
Display Circuit Breaker Symbol Configuration	US Symbol	
On Demand Engine Power Enable	Off	

Lifetime:Total Operating Hours vs Generator Real Load Percentage - EMCP 4.4 (EQ150240)

Generator Real Load Percentage(%)	hours	%
0.0-29.9	392.36	88.69
30.0-89.9	0.00	0.00
90.0-99.9	2.12	0.48
100.0-110.0	47.51	10.74
>110.0	0.42	0.10

Status Event History - EMCP 4.4 (EQ150240)

Description	Value	Unit
Time of Download for Status Event Log	5/7/2022 7:33:44 AM	

Event Description	Date/Time
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 7:26:34 AM
Crank Terminate Reached	5/7/2022 7:26:29 AM
Package in Auto	5/7/2022 7:26:26 AM
Engine Control Switch (ECS) in Run Position	5/7/2022 7:26:26 AM
Package Not in Auto	5/7/2022 7:22:14 AM
Engine Control Switch (ECS) in Stop Position	5/7/2022 7:22:14 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 7:19:10 AM

Package in Auto	5/7/2022 7:19:05 AM
Package Not in Auto	5/7/2022 7:18:49 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 7:18:39 AM
Package in Auto	5/7/2022 7:18:34 AM
Package Not in Auto	5/7/2022 7:18:14 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 7:10:03 AM
Package in Auto	5/7/2022 7:09:58 AM
Crank Terminate Reached	5/7/2022 7:09:55 AM
Engine Control Switch (ECS) in Run Position	5/7/2022 7:09:52 AM
EMCP 4 Power Up Cycle Complete	5/7/2022 7:09:46 AM
Package Not in Auto	5/7/2022 7:09:46 AM
Programmable Logic Feature (PLC) Disabled	5/7/2022 7:09:46 AM
Engine Not in Auto	5/7/2022 7:09:46 AM
V/Hz Group 1 Activated	5/7/2022 7:09:46 AM
Utility Circuit Breaker Status Opened	5/7/2022 7:09:46 AM
Generator Circuit Breaker Closure Inhibited	5/7/2022 7:09:46 AM
Bus Voltage/Frequency Out of Limits	5/7/2022 7:09:46 AM
Sync Mode Switch Placed in Auto	5/7/2022 7:09:46 AM
Dead Bus Detected	5/7/2022 7:09:46 AM
Package Not in Auto	5/7/2022 6:43:46 AM
Engine Control Switch (ECS) in Stop Position	5/7/2022 6:43:46 AM
Engine Not in Auto	5/7/2022 6:43:46 AM
Package in Auto	5/7/2022 6:41:52 AM
Package Not in Auto	5/7/2022 6:39:52 AM
Group Start Input Inactive	5/7/2022 6:39:52 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:39:40 AM
Crank Terminate Reached	5/7/2022 6:39:35 AM
Group Start Input Active	5/7/2022 6:39:33 AM
Package in Auto	5/7/2022 6:38:40 AM
Package Not in Auto	5/7/2022 6:36:40 AM
Group Start Input Inactive	5/7/2022 6:36:40 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:36:27 AM
Group Start Input Active	5/7/2022 6:36:26 AM
Package in Auto	5/7/2022 6:36:26 AM
Group Start Input Inactive	5/7/2022 6:35:50 AM
Package Not in Auto	5/7/2022 6:35:50 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:35:41 AM
Group Start Input Active	5/7/2022 6:35:40 AM
Package in Auto	5/7/2022 6:35:40 AM
Package Not in Auto	5/7/2022 6:35:30 AM
Group Start Input Inactive	5/7/2022 6:35:30 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:34:30 AM
Crank Terminate Reached	5/7/2022 6:34:25 AM

Group Start Input Active	5/7/2022 6:34:22 AM
Package in Auto	5/7/2022 6:33:59 AM
Engine Control Switch (ECS) in Auto Position	5/7/2022 6:33:59 AM
V/Hz Group 1 Activated	5/7/2022 6:33:55 AM
Utility Circuit Breaker Status Opened	5/7/2022 6:33:55 AM
Generator Circuit Breaker Closure Inhibited	5/7/2022 6:33:55 AM
Bus Voltage/Frequency Out of Limits	5/7/2022 6:33:55 AM
Sync Mode Switch Placed in Auto	5/7/2022 6:33:55 AM
Dead Bus Detected	5/7/2022 6:33:55 AM
Package Not in Auto	5/7/2022 6:33:55 AM
Programmable Logic Feature (PLC) Disabled	5/7/2022 6:33:55 AM
Engine Not in Auto	5/7/2022 6:33:55 AM
EMCP 4 Power Up Cycle Complete	5/7/2022 6:33:55 AM
Package Not in Auto	5/7/2022 6:33:24 AM
Engine Control Switch (ECS) in Stop Position	5/7/2022 6:33:24 AM
Engine Not in Auto	5/7/2022 6:33:24 AM
Engine Control Switch (ECS) in Auto Position	5/7/2022 6:33:23 AM
Package in Auto	5/7/2022 6:33:23 AM
Package Not in Auto	5/7/2022 6:33:16 AM
Engine Control Switch (ECS) in Stop Position	5/7/2022 6:33:16 AM
Engine Not in Auto	5/7/2022 6:33:16 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:30:57 AM
Crank Terminate Reached	5/7/2022 6:30:52 AM
Group Start Input Active	5/7/2022 6:30:49 AM
Package in Auto	5/7/2022 6:28:41 AM
Engine Control Switch (ECS) in Auto Position	5/7/2022 6:28:41 AM
Engine Control Switch (ECS) in Stop Position	5/7/2022 6:28:36 AM
Package Not in Auto	5/7/2022 6:28:36 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:28:18 AM
Package in Auto	5/7/2022 6:28:14 AM
Package Not in Auto	5/7/2022 6:27:48 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:27:41 AM
Package in Auto	5/7/2022 6:27:40 AM
Package Not in Auto	5/7/2022 6:27:38 AM
Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:27:30 AM
Package in Auto	5/7/2022 6:27:26 AM
Package Not in Auto	5/7/2022 6:27:17 AM
Generator Circuit Breaker Status Opened	5/7/2022 6:27:13 AM
Dead Bus Detected	5/7/2022 6:27:13 AM
Generator Circuit Breaker Open Command	5/7/2022 6:27:13 AM
Generator Circuit Breaker Closure Inhibited	5/7/2022 6:27:13 AM
Generator Circuit Breaker Close Command	5/7/2022 6:27:11 AM
Generator Circuit Breaker Closure Allowed	5/7/2022 6:27:11 AM
Generator Circuit Breaker Status Closed	5/7/2022 6:27:11 AM
Bus Voltage Detected	5/7/2022 6:27:11 AM

Acceptable Voltage and Frequency Reached (VFSR)	5/7/2022 6:26:09 AM
Package in Auto	5/7/2022 6:26:04 AM
Crank Terminate Reached	5/7/2022 6:24:49 AM
Engine Control Switch (ECS) in Run Position	5/7/2022 6:24:46 AM
Programmable Logic Feature (PLC) Disabled	5/7/2022 6:24:44 AM
Engine Not in Auto	5/7/2022 6:24:44 AM
V/Hz Group 1 Activated	5/7/2022 6:24:44 AM
Utility Circuit Breaker Status Opened	5/7/2022 6:24:44 AM
Generator Circuit Breaker Closure Inhibited	5/7/2022 6:24:44 AM
Bus Voltage/Frequency Out of Limits	5/7/2022 6:24:44 AM
Sync Mode Switch Placed in Auto	5/7/2022 6:24:44 AM
EMCP 4 Power Up Cycle Complete	5/7/2022 6:24:44 AM
Package Not in Auto	5/7/2022 6:24:44 AM
Dead Bus Detected	5/7/2022 6:24:44 AM
Engine Control Switch (ECS) in Stop Position	5/6/2022 3:01:56 PM
Package Not in Auto	5/6/2022 3:01:23 PM
Crank Terminate Reached	5/6/2022 3:01:16 PM
Package in Auto	5/6/2022 3:01:13 PM
Engine Control Switch (ECS) in Run Position	5/6/2022 3:01:13 PM
Bus Voltage/Frequency Out of Limits	5/6/2022 3:01:05 PM
Dead Bus Detected	5/6/2022 3:01:05 PM
Engine Not in Auto	5/6/2022 3:01:05 PM
EMCP 4 Power Up Cycle Complete	5/6/2022 3:01:05 PM
Package Not in Auto	5/6/2022 3:01:05 PM
Programmable Logic Feature (PLC) Disabled	5/6/2022 3:01:05 PM
V/Hz Group 1 Activated	5/6/2022 3:01:05 PM
Utility Circuit Breaker Status Opened	5/6/2022 3:01:05 PM
Sync Mode Switch Placed in Auto	5/6/2022 3:01:05 PM
Generator Circuit Breaker Closure Inhibited	5/6/2022 3:01:05 PM
Programmable Logic Feature (PLC) Disabled	5/6/2022 2:20:28 PM
Engine Not in Auto	5/6/2022 2:20:28 PM
V/Hz Group 1 Activated	5/6/2022 2:20:28 PM
Utility Circuit Breaker Status Opened	5/6/2022 2:20:28 PM
Generator Circuit Breaker Closure Inhibited	5/6/2022 2:20:28 PM
EMCP 4 Power Up Cycle Complete	5/6/2022 2:20:28 PM
Package Not in Auto	5/6/2022 2:20:28 PM
Bus Voltage/Frequency Out of Limits	5/6/2022 2:20:28 PM
Sync Mode Switch Placed in Auto	5/6/2022 2:20:28 PM
Dead Bus Detected	5/6/2022 2:20:28 PM
Engine Not in Auto	5/6/2022 7:20:38 AM
Programmable Logic Feature (PLC) Disabled	5/6/2022 7:20:38 AM
V/Hz Group 1 Activated	5/6/2022 7:20:38 AM
Utility Circuit Breaker Status Opened	5/6/2022 7:20:38 AM
Generator Circuit Breaker Closure Inhibited	5/6/2022 7:20:38 AM
Bus Voltage/Frequency Out of Limits	5/6/2022 7:20:38 AM
Sync Mode Switch Placed in Auto	5/6/2022 7:20:38 AM
EMCP 4 Power Up Cycle Complete	5/6/2022 7:20:38 AM

Package Not in Auto	5/6/2022 7:20:38 AM
Dead Bus Detected	5/6/2022 7:20:38 AM
Engine Control Switch (ECS) in Stop Position	4/26/2022 1:12:33 PM
Engine Not in Auto	4/26/2022 1:12:33 PM
Group Start Input Inactive	4/26/2022 1:12:22 PM
Crank Terminate Reached	4/26/2022 1:10:45 PM
Group Start Input Active	4/26/2022 1:10:43 PM
Engine Control Switch (ECS) in Auto Position	4/26/2022 1:09:40 PM
Engine Control Switch (ECS) in Stop Position	4/26/2022 12:26:36 PM
Engine Not in Auto	4/26/2022 12:26:36 PM
Package Not in Auto	4/26/2022 12:25:15 PM
Package in Auto	4/26/2022 12:25:05 PM
Engine Control Switch (ECS) in Auto Position	4/26/2022 12:25:05 PM
Sync Mode Switch Placed in Auto	4/26/2022 11:46:41 AM
Dead Bus Detected	4/26/2022 11:46:41 AM
EMCP 4 Power Up Cycle Complete	4/26/2022 11:46:41 AM
Package Not in Auto	4/26/2022 11:46:41 AM
Programmable Logic Feature (PLC) Disabled	4/26/2022 11:46:41 AM
Engine Not in Auto	4/26/2022 11:46:41 AM
V/Hz Group 1 Activated	4/26/2022 11:46:41 AM
Utility Circuit Breaker Status Opened	4/26/2022 11:46:41 AM
Generator Circuit Breaker Closure Inhibited	4/26/2022 11:46:41 AM
Bus Voltage/Frequency Out of Limits	4/26/2022 11:46:41 AM
Sync Mode Switch Placed in Auto	4/26/2022 10:25:46 AM
Dead Bus Detected	4/26/2022 10:25:46 AM
EMCP 4 Power Up Cycle Complete	4/26/2022 10:25:46 AM
Package Not in Auto	4/26/2022 10:25:46 AM
Programmable Logic Feature (PLC) Disabled	4/26/2022 10:25:46 AM
Engine Not in Auto	4/26/2022 10:25:46 AM
V/Hz Group 1 Activated	4/26/2022 10:25:46 AM
Utility Circuit Breaker Status Opened	4/26/2022 10:25:46 AM
Generator Circuit Breaker Closure Inhibited	4/26/2022 10:25:46 AM
Bus Voltage/Frequency Out of Limits	4/26/2022 10:25:46 AM
EMCP 4 Power Up Cycle Complete	4/26/2022 9:39:01 AM
Generator Circuit Breaker Closure Inhibited	4/26/2022 9:39:01 AM
Package Not in Auto	4/26/2022 9:39:01 AM
Programmable Logic Feature (PLC) Disabled	4/26/2022 9:39:01 AM
Engine Not in Auto	4/26/2022 9:39:01 AM
V/Hz Group 1 Activated	4/26/2022 9:39:01 AM
Utility Circuit Breaker Status Opened	4/26/2022 9:39:01 AM
Bus Voltage/Frequency Out of Limits	4/26/2022 9:39:01 AM
Sync Mode Switch Placed in Auto	4/26/2022 9:39:01 AM
Dead Bus Detected	4/26/2022 9:39:01 AM
Engine Control Switch (ECS) in Stop Position	4/26/2022 7:21:36 AM
Air Shutoff Issued	4/26/2022 7:21:27 AM
Emergency Stop Received	4/26/2022 7:21:27 AM
Package Not in Auto	4/26/2022 7:21:27 AM

Acceptable Voltage and Frequency Reached (VFSR)	4/26/2022 7:12:42 AM
Crank Terminate Reached	4/26/2022 7:12:33 AM
Package in Auto	4/26/2022 7:12:30 AM
Engine Control Switch (ECS) in Run Position	4/26/2022 7:12:30 AM
Generator Circuit Breaker Closure Inhibited	4/26/2022 7:12:03 AM
Bus Voltage/Frequency Out of Limits	4/26/2022 7:12:03 AM
EMCP 4 Power Up Cycle Complete	4/26/2022 7:12:03 AM
Package Not in Auto	4/26/2022 7:12:03 AM
Programmable Logic Feature (PLC) Disabled	4/26/2022 7:12:03 AM
Sync Mode Switch Placed in Auto	4/26/2022 7:12:03 AM
Dead Bus Detected	4/26/2022 7:12:03 AM
Engine Not in Auto	4/26/2022 7:12:03 AM
V/Hz Group 1 Activated	4/26/2022 7:12:03 AM
Utility Circuit Breaker Status Opened	4/26/2022 7:12:03 AM
Dead Bus Detected	4/24/2022 8:42:29 AM
Bus Voltage/Frequency Out of Limits	4/24/2022 8:42:29 AM
Sync Mode Switch Placed in Auto	4/24/2022 8:42:29 AM
Programmable Logic Feature (PLC) Disabled	4/24/2022 8:42:29 AM
Engine Not in Auto	4/24/2022 8:42:29 AM
V/Hz Group 1 Activated	4/24/2022 8:42:29 AM
EMCP 4 Power Up Cycle Complete	4/24/2022 8:42:29 AM
Package Not in Auto	4/24/2022 8:42:29 AM
Utility Circuit Breaker Status Opened	4/24/2022 8:42:29 AM
Generator Circuit Breaker Closure Inhibited	4/24/2022 8:42:29 AM
Engine Control Switch (ECS) in Stop Position	4/24/2022 8:25:34 AM
Emergency Stop Received	4/24/2022 8:25:32 AM
Package Not in Auto	4/24/2022 8:25:31 AM
Air Shutoff Issued	4/24/2022 8:25:31 AM
Acceptable Voltage and Frequency Reached (VFSR)	4/24/2022 8:25:31 AM
Package in Auto	4/24/2022 8:25:29 AM
Engine Control Switch (ECS) in Run Position	4/24/2022 8:25:29 AM
Package Not in Auto	4/24/2022 8:25:21 AM
Engine Control Switch (ECS) in Stop Position	4/24/2022 8:25:21 AM
Acceptable Voltage and Frequency Reached (VFSR)	4/24/2022 8:25:20 AM
Engine Control Switch (ECS) in Run Position	4/24/2022 8:25:18 AM
Package in Auto	4/24/2022 8:25:18 AM
Package Not in Auto	4/24/2022 8:25:13 AM
Engine Control Switch (ECS) in Stop Position	4/24/2022 8:25:13 AM
Acceptable Voltage and Frequency Reached (VFSR)	4/24/2022 8:25:10 AM
Engine Not in Auto	4/24/2022 8:25:09 AM
Package in Auto	4/24/2022 8:25:09 AM
Engine Control Switch (ECS) in Run Position	4/24/2022 8:25:09 AM
Remote Initiate contact removed	4/24/2022 8:24:56 AM
Crank Terminate Reached	4/24/2022 8:24:48 AM
Remote Initiate contact received	4/24/2022 8:24:44 AM

Remote Initiate contact removed	4/24/2022 8:24:44 AM
Remote Initiate contact received	4/24/2022 8:24:44 AM
Engine Control Switch (ECS) in Auto Position	4/24/2022 8:23:40 AM
Programmable Logic Feature (PLC) Disabled	4/24/2022 8:23:06 AM
Engine Not in Auto	4/24/2022 8:23:06 AM
EMCP 4 Power Up Cycle Complete	4/24/2022 8:23:06 AM
V/Hz Group 1 Activated	4/24/2022 8:23:06 AM
Utility Circuit Breaker Status Opened	4/24/2022 8:23:06 AM
Generator Circuit Breaker Closure Inhibited	4/24/2022 8:23:06 AM
Package Not in Auto	4/24/2022 8:23:06 AM
Bus Voltage/Frequency Out of Limits	4/24/2022 8:23:06 AM
Sync Mode Switch Placed in Auto	4/24/2022 8:23:06 AM
Dead Bus Detected	4/24/2022 8:23:06 AM
Package Not in Auto	4/24/2022 7:28:01 AM
Engine Control Switch (ECS) in Stop Position	4/24/2022 7:28:01 AM
Acceptable Voltage and Frequency Reached (VFSR)	4/24/2022 7:27:51 AM
Crank Terminate Reached	4/24/2022 7:27:42 AM
Package in Auto	4/24/2022 7:27:39 AM
Engine Control Switch (ECS) in Run Position	4/24/2022 7:27:39 AM
Engine Not in Auto	4/24/2022 6:06:43 AM
V/Hz Group 1 Activated	4/24/2022 6:06:43 AM
Bus Voltage/Frequency Out of Limits	4/24/2022 6:06:43 AM
Package Not in Auto	4/24/2022 6:06:43 AM
Programmable Logic Feature (PLC) Disabled	4/24/2022 6:06:43 AM
Utility Circuit Breaker Status Opened	4/24/2022 6:06:43 AM
Sync Mode Switch Placed in Auto	4/24/2022 6:06:43 AM
Generator Circuit Breaker Closure Inhibited	4/24/2022 6:06:43 AM
Dead Bus Detected	4/24/2022 6:06:43 AM
EMCP 4 Power Up Cycle Complete	4/24/2022 6:06:43 AM
Programmable Logic Feature (PLC) Disabled	4/12/2022 8:30:06 AM
Engine Not in Auto	4/12/2022 8:30:06 AM
V/Hz Group 1 Activated	4/12/2022 8:30:06 AM
Utility Circuit Breaker Status Opened	4/12/2022 8:30:06 AM
Generator Circuit Breaker Closure Inhibited	4/12/2022 8:30:06 AM
EMCP 4 Power Up Cycle Complete	4/12/2022 8:30:06 AM
Bus Voltage/Frequency Out of Limits	4/12/2022 8:30:06 AM
Package Not in Auto	4/12/2022 8:30:06 AM
Sync Mode Switch Placed in Auto	4/12/2022 8:30:06 AM
Dead Bus Detected	4/12/2022 8:30:06 AM
Reset All Events Command Issued	3/25/2022 1:30:55 PM
Engine Control Switch (ECS) in Stop Position	3/25/2022 1:25:47 PM
Package Not in Auto	3/25/2022 1:25:47 PM
Generator Circuit Breaker Status Opened	3/25/2022 1:25:45 PM
Dead Bus Detected	3/25/2022 1:25:45 PM
Generator Circuit Breaker Open Command	3/25/2022 1:25:45 PM
Generator Circuit Breaker Closure Inhibited	3/25/2022 1:25:45 PM
Bus Voltage Detected	3/25/2022 1:25:42 PM

Generator Circuit Breaker Close Command	3/25/2022 1:25:42 PM
Generator Circuit Breaker Closure Allowed	3/25/2022 1:25:42 PM
Generator Circuit Breaker Status Closed	3/25/2022 1:25:42 PM
Acceptable Voltage and Frequency Reached (VFSR)	3/25/2022 1:24:56 PM
Crank Terminate Reached	3/25/2022 1:24:51 PM
Engine Control Switch (ECS) in Run Position	3/25/2022 1:24:47 PM
Package in Auto	3/25/2022 1:24:47 PM
Reset All Events Command Issued	3/25/2022 1:24:46 PM
Emergency Stop Received	3/25/2022 1:24:42 PM
EMCP 4 Power Up Cycle Complete	3/25/2022 1:24:36 PM
Package Not in Auto	3/25/2022 1:24:36 PM
Programmable Logic Feature (PLC) Disabled	3/25/2022 1:24:36 PM
Engine Not in Auto	3/25/2022 1:24:36 PM
V/Hz Group 1 Activated	3/25/2022 1:24:36 PM
Utility Circuit Breaker Status Opened	3/25/2022 1:24:36 PM
Generator Circuit Breaker Closure Inhibited	3/25/2022 1:24:36 PM
Bus Voltage/Frequency Out of Limits	3/25/2022 1:24:36 PM
Sync Mode Switch Placed in Auto	3/25/2022 1:24:36 PM
Dead Bus Detected	3/25/2022 1:24:36 PM
Engine Control Switch (ECS) in Stop Position	3/25/2022 12:51:42 PM
Package Not in Auto	3/25/2022 12:51:42 PM
Acceptable Voltage and Frequency Reached (VFSR)	3/25/2022 12:51:27 PM
Package in Auto	3/25/2022 12:51:22 PM
Crank Terminate Reached	3/25/2022 12:50:36 PM
Engine Control Switch (ECS) in Run Position	3/25/2022 12:49:09 PM
Engine Control Switch (ECS) in Stop Position	3/25/2022 12:48:18 PM
Engine Control Switch (ECS) in Run Position	3/25/2022 12:47:56 PM
Engine Control Switch (ECS) in Stop Position	3/25/2022 12:42:28 PM
Engine Control Switch (ECS) in Run Position	3/25/2022 12:42:15 PM
Engine Control Switch (ECS) in Stop Position	3/25/2022 12:23:54 PM
Engine Control Switch (ECS) in Run Position	3/25/2022 12:23:39 PM
EMCP 4 Power Up Cycle Complete	3/25/2022 12:20:15 PM
Package Not in Auto	3/25/2022 12:20:15 PM
Programmable Logic Feature (PLC) Disabled	3/25/2022 12:20:15 PM
Engine Not in Auto	3/25/2022 12:20:15 PM
V/Hz Group 1 Activated	3/25/2022 12:20:15 PM
Utility Circuit Breaker Status Opened	3/25/2022 12:20:15 PM
Generator Circuit Breaker Closure Inhibited	3/25/2022 12:20:15 PM
Sync Mode Switch Placed in Auto	3/25/2022 12:20:15 PM
Dead Bus Detected	3/25/2022 12:20:15 PM
Bus Voltage/Frequency Out of Limits	3/25/2022 12:20:15 PM
Package Not in Auto	3/25/2022 10:01:01 AM
Crank Terminate Reached	3/25/2022 10:00:31 AM
Package in Auto	3/25/2022 10:00:27 AM
Engine Control Switch (ECS) in Run Position	3/25/2022 10:00:27 AM
Reset All Events Command Issued	3/25/2022 10:00:18 AM

Engine Control Switch (ECS) in Stop Position	3/25/2022 10:00:17 AM
Package Not in Auto	3/25/2022 9:59:59 AM
Crank Terminate Reached	3/25/2022 9:59:30 AM
Package in Auto	3/25/2022 9:59:26 AM
Engine Control Switch (ECS) in Run Position	3/25/2022 9:59:26 AM
EMCP 4 Power Up Cycle Complete	3/25/2022 8:58:29 AM
Package Not in Auto	3/25/2022 8:58:29 AM
Programmable Logic Feature (PLC) Disabled	3/25/2022 8:58:29 AM
Engine Not in Auto	3/25/2022 8:58:29 AM
V/Hz Group 1 Activated	3/25/2022 8:58:29 AM
Utility Circuit Breaker Status Opened	3/25/2022 8:58:29 AM
Bus Voltage/Frequency Out of Limits	3/25/2022 8:58:29 AM
Dead Bus Detected	3/25/2022 8:58:29 AM
Sync Mode Switch Placed in Auto	3/25/2022 8:58:29 AM
Generator Circuit Breaker Closure Inhibited	3/25/2022 8:58:29 AM
Utility Circuit Breaker Status Opened	3/22/2022 2:14:12 PM
Generator Circuit Breaker Closure Inhibited	3/22/2022 2:14:12 PM
Sync Mode Switch Placed in Auto	3/22/2022 2:14:12 PM
Dead Bus Detected	3/22/2022 2:14:12 PM
Bus Voltage/Frequency Out of Limits	3/22/2022 2:14:12 PM
EMCP 4 Power Up Cycle Complete	3/22/2022 2:14:12 PM
Package Not in Auto	3/22/2022 2:14:12 PM
Programmable Logic Feature (PLC) Disabled	3/22/2022 2:14:12 PM
Engine Not in Auto	3/22/2022 2:14:12 PM
V/Hz Group 1 Activated	3/22/2022 2:14:12 PM
Sync Mode Switch Placed in Auto	3/22/2022 7:08:21 AM
EMCP 4 Power Up Cycle Complete	3/22/2022 7:08:21 AM
Package Not in Auto	3/22/2022 7:08:21 AM
Programmable Logic Feature (PLC) Disabled	3/22/2022 7:08:21 AM
Engine Not in Auto	3/22/2022 7:08:21 AM
V/Hz Group 1 Activated	3/22/2022 7:08:21 AM
Utility Circuit Breaker Status Opened	3/22/2022 7:08:21 AM
Dead Bus Detected	3/22/2022 7:08:21 AM
Generator Circuit Breaker Closure Inhibited	3/22/2022 7:08:21 AM
Bus Voltage/Frequency Out of Limits	3/22/2022 7:08:21 AM
Package Not in Auto	3/19/2022 1:17:33 PM
Engine Control Switch (ECS) in Stop Position	3/19/2022 1:17:33 PM
Bus Voltage/Frequency Out of Limits	3/19/2022 1:17:29 PM
Generator Circuit Breaker Status Opened	3/19/2022 1:17:26 PM
Dead Bus Detected	3/19/2022 1:17:26 PM
Generator Circuit Breaker Open Command	3/19/2022 1:17:26 PM
Generator Circuit Breaker Closure Inhibited	3/19/2022 1:17:26 PM
Bus Voltage/Frequency Within Limits	3/19/2022 1:17:26 PM
Generator Circuit Breaker Closure Allowed	3/19/2022 1:17:22 PM
Generator Circuit Breaker Status Closed	3/19/2022 1:17:22 PM
Bus Voltage Detected	3/19/2022 1:17:22 PM
Bus Voltage/Frequency Out of Limits	3/19/2022 1:17:22 PM
Generator Circuit Breaker Close Command	3/19/2022 1:17:22 PM

Generator Circuit Breaker Status Opened	3/19/2022 1:17:19 PM
Dead Bus Detected	3/19/2022 1:17:19 PM
Generator Circuit Breaker Open Command	3/19/2022 1:17:19 PM
Generator Circuit Breaker Closure Inhibited	3/19/2022 1:17:19 PM
Bus Voltage/Frequency Within Limits	3/19/2022 1:17:14 PM
Generator Circuit Breaker Status Closed	3/19/2022 1:17:11 PM
Bus Voltage Detected	3/19/2022 1:17:11 PM
Generator Circuit Breaker Close Command	3/19/2022 1:17:11 PM
Generator Circuit Breaker Closure Allowed	3/19/2022 1:17:10 PM
Bus Voltage/Frequency Out of Limits	3/19/2022 1:16:46 PM
Generator Circuit Breaker Status Opened	3/19/2022 1:16:43 PM
Dead Bus Detected	3/19/2022 1:16:43 PM
Generator Circuit Breaker Open Command	3/19/2022 1:16:43 PM
Generator Circuit Breaker Closure Inhibited	3/19/2022 1:16:43 PM
Bus Voltage/Frequency Within Limits	3/19/2022 1:16:40 PM
Generator Circuit Breaker Status Closed	3/19/2022 1:16:36 PM
Bus Voltage Detected	3/19/2022 1:16:36 PM
Generator Circuit Breaker Close Command	3/19/2022 1:16:36 PM
Generator Circuit Breaker Closure Allowed	3/19/2022 1:16:36 PM
Acceptable Voltage and Frequency Reached (VFSR)	3/19/2022 1:16:27 PM
Crank Terminate Reached	3/19/2022 1:16:22 PM
Package in Auto	3/19/2022 1:16:19 PM
Engine Control Switch (ECS) in Run Position	3/19/2022 1:16:19 PM
Package Not in Auto	3/19/2022 1:14:38 PM
Engine Control Switch (ECS) in Stop Position	3/19/2022 1:14:38 PM
Engine Not in Auto	3/19/2022 1:14:38 PM
Package in Auto	3/19/2022 1:14:29 PM
Engine Control Switch (ECS) in Auto Position	3/19/2022 1:14:29 PM
Reset All Events Command Issued	3/19/2022 1:14:11 PM
Emergency Stop Received	3/19/2022 1:12:59 PM
Package Not in Auto	3/19/2022 1:09:04 PM
Engine Control Switch (ECS) in Stop Position	3/19/2022 1:09:04 PM
Acceptable Voltage and Frequency Reached (VFSR)	3/19/2022 1:05:08 PM
Crank Terminate Reached	3/19/2022 1:05:02 PM
Package in Auto	3/19/2022 1:04:59 PM
Engine Control Switch (ECS) in Run Position	3/19/2022 1:04:59 PM
Reset All Events Command Issued	3/19/2022 1:04:53 PM
Bus Voltage/Frequency Out of Limits	3/19/2022 12:39:35 PM
Package Not in Auto	3/19/2022 12:39:35 PM
Engine Not in Auto	3/19/2022 12:39:35 PM
Utility Circuit Breaker Status Opened	3/19/2022 12:39:35 PM
Generator Circuit Breaker Closure Inhibited	3/19/2022 12:39:35 PM
Sync Mode Switch Placed in Auto	3/19/2022 12:39:35 PM
Dead Bus Detected	3/19/2022 12:39:35 PM
EMCP 4 Power Up Cycle Complete	3/19/2022 12:39:35 PM
Programmable Logic Feature (PLC) Disabled	3/19/2022 12:39:35 PM

V/Hz Group 1 Activated	3/19/2022 12:39:35 PM
Package Not in Auto	3/19/2022 10:48:49 AM
Engine Control Switch (ECS) in Stop Position	3/19/2022 10:48:49 AM
Bus Voltage/Frequency Out of Limits	3/19/2022 10:48:47 AM
Generator Circuit Breaker Status Opened	3/19/2022 10:48:44 AM
Dead Bus Detected	3/19/2022 10:48:44 AM
Generator Circuit Breaker Open Command	3/19/2022 10:48:44 AM
Generator Circuit Breaker Closure Inhibited	3/19/2022 10:48:44 AM
Bus Voltage/Frequency Within Limits	3/19/2022 10:48:43 AM
Bus Voltage Detected	3/19/2022 10:48:40 AM
Generator Circuit Breaker Close Command	3/19/2022 10:48:40 AM
Generator Circuit Breaker Status Closed	3/19/2022 10:48:40 AM
Generator Circuit Breaker Closure Allowed	3/19/2022 10:48:39 AM
Acceptable Voltage and Frequency Reached (VFSR)	3/19/2022 10:47:50 AM
Crank Terminate Reached	3/19/2022 10:47:41 AM
Package in Auto	3/19/2022 10:47:38 AM
Engine Control Switch (ECS) in Run Position	3/19/2022 10:47:38 AM
EMCP 4 Power Up Cycle Complete	3/19/2022 10:46:26 AM
Package Not in Auto	3/19/2022 10:46:26 AM
Programmable Logic Feature (PLC) Disabled	3/19/2022 10:46:26 AM
Engine Not in Auto	3/19/2022 10:46:26 AM
V/Hz Group 1 Activated	3/19/2022 10:46:26 AM
Utility Circuit Breaker Status Opened	3/19/2022 10:46:26 AM
Bus Voltage/Frequency Out of Limits	3/19/2022 10:46:26 AM
Generator Circuit Breaker Closure Inhibited	3/19/2022 10:46:26 AM
Sync Mode Switch Placed in Auto	3/19/2022 10:46:26 AM
Dead Bus Detected	3/19/2022 10:46:26 AM
Package Not in Auto	3/9/2022 10:32:29 AM
Engine Control Switch (ECS) in Stop Position	3/9/2022 10:32:29 AM
Acceptable Voltage and Frequency Reached (VFSR)	3/9/2022 10:30:09 AM
Crank Terminate Reached	3/9/2022 10:29:41 AM
Package in Auto	3/9/2022 10:29:36 AM
Engine Control Switch (ECS) in Run Position	3/9/2022 10:29:36 AM
Dead Bus Detected	3/9/2022 10:29:08 AM
Bus Voltage/Frequency Out of Limits	3/9/2022 10:29:08 AM
EMCP 4 Power Up Cycle Complete	3/9/2022 10:29:08 AM
Engine Not in Auto	3/9/2022 10:29:08 AM
Utility Circuit Breaker Status Opened	3/9/2022 10:29:08 AM
Package Not in Auto	3/9/2022 10:29:08 AM
Generator Circuit Breaker Closure Inhibited	3/9/2022 10:29:08 AM
Sync Mode Switch Placed in Auto	3/9/2022 10:29:08 AM
Programmable Logic Feature (PLC) Disabled	3/9/2022 10:29:08 AM
V/Hz Group 1 Activated	3/9/2022 10:29:08 AM
Emergency Stop Received	3/5/2022 2:14:07 PM
Package Not in Auto	3/5/2022 2:11:38 PM
Engine Control Switch (ECS) in Stop Position	3/5/2022 2:11:38 PM

Bus Voltage/Frequency Out of Limits	3/5/2022 2:09:36 PM
Dead Bus Detected	3/5/2022 2:09:33 PM
Generator Circuit Breaker Status Opened	3/5/2022 2:09:33 PM
Generator Circuit Breaker Open Command	3/5/2022 2:09:33 PM
Generator Circuit Breaker Closure Inhibited	3/5/2022 2:09:33 PM
Bus Voltage/Frequency Within Limits	2/24/2022 5:55:45 PM
Generator Circuit Breaker Status Closed	2/24/2022 5:55:42 PM
Bus Voltage Detected	2/24/2022 5:55:42 PM
Generator Circuit Breaker Close Command	2/24/2022 5:55:42 PM
Generator Circuit Breaker Closure Allowed	2/24/2022 5:55:42 PM
Acceptable Voltage and Frequency Reached (VFSR)	2/24/2022 5:55:39 PM
Crank Terminate Reached	2/24/2022 5:55:32 PM
Package in Auto	2/24/2022 5:55:29 PM
Engine Control Switch (ECS) in Run Position	2/24/2022 5:55:29 PM
Package Not in Auto	2/24/2022 5:24:55 PM
Engine Control Switch (ECS) in Stop Position	2/24/2022 5:24:55 PM
Bus Voltage/Frequency Out of Limits	2/24/2022 5:24:53 PM
Generator Circuit Breaker Status Opened	2/24/2022 5:24:50 PM
Generator Circuit Breaker Closure Inhibited	2/24/2022 5:24:50 PM
Dead Bus Detected	2/24/2022 5:24:50 PM
Generator Circuit Breaker Open Command	2/24/2022 5:24:50 PM
Bus Voltage/Frequency Within Limits	2/24/2022 5:22:00 PM
Generator Circuit Breaker Close Command	2/24/2022 5:21:57 PM
Bus Voltage Detected	2/24/2022 5:21:57 PM
Generator Circuit Breaker Status Closed	2/24/2022 5:21:57 PM
Acceptable Voltage and Frequency Reached (VFSR)	2/24/2022 5:21:56 PM
Generator Circuit Breaker Closure Allowed	2/24/2022 5:21:56 PM
Crank Terminate Reached	2/24/2022 5:21:49 PM
Package in Auto	2/24/2022 5:21:46 PM
Engine Control Switch (ECS) in Run Position	2/24/2022 5:21:46 PM
Package Not in Auto	2/24/2022 4:29:13 PM
Engine Control Switch (ECS) in Stop Position	2/24/2022 4:29:13 PM
Acceptable Voltage and Frequency Reached (VFSR)	2/24/2022 4:08:36 PM

System Status Event History - EMCP 4.4 (EQ150240)

Description	Value	Unit
Time of Download for Status Event Log	5/7/2022 7:33:58 AM	

History Data
No history data available.

Monitor System

Parameter	Value
ECM Part Number	3774710-03

ECM Serial Number	0090F042EY
Software Group Part Number	5966686-00
Software Group Release Date	MAY2020
Software Group Description	'CDL to J1939 Translator'

Logged Diagnostic Codes [SHM: 1901] - Monitor System

Code	Description	Occ.
No Logged Diagnostic Codes		

Logged Event Codes [SHM: 1901] - Monitor System

Code	Description	Occ.
Error retrieving Logged Event Codes		

Active Diagnostic Codes [SHM: 1901] - Monitor System

Code	Description	Occ.
No Active Diagnostic Codes		

Active Event Codes [SHM: 1901] - Monitor System

Code	Description	Occ.
No Active Events		

Configuration - Monitor System

Description	Value	Unit
Flywheel Teeth	Unavailable	
Product Identification Number	ABC12345	
Genset Translation Module	Installed	