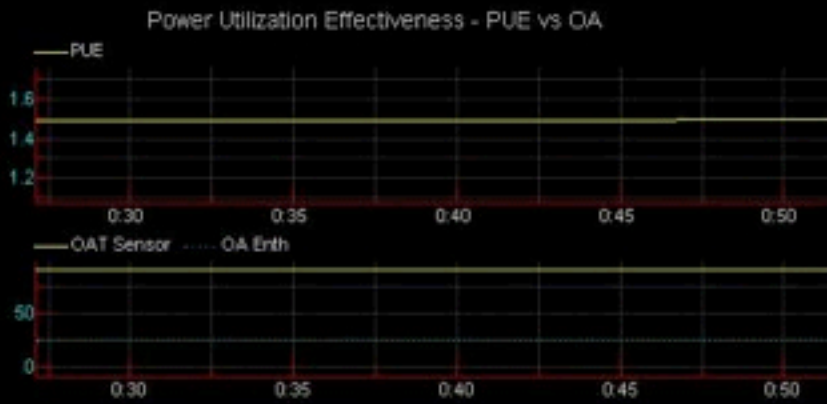


Power Utilization Effectiveness



Peak PUE

	High	Low		
Cmnt	Prev	Cmnt	Prev	
Day	1.50	0.00	1.49	0.00
MTD	1.50	1.49		
YTD	1.50	1.49		

Peak HDP KW

	High	Low		
Cmnt	Prev	Cmnt	Prev	
Day	12900	0	12823	0
MTD	12900	12823		
YTD	12900	12823		



Peak IT KW

	High	Low		
Cmnt	Prev	Cmnt	Prev	
Day	12900	0	12823	0
MTD	12900	12823		
YTD	12900	12823		

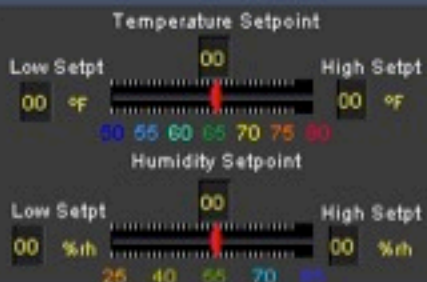
PDU Status

PDU kW	Comm	PDU kW	Comm	PDU kW	Comm	PDU kW	Comm
A1B1 351	●	B1A1 352	●	C1A1 351	●	D1A1 346	●
A1C1 373	●	A1C1 368	●	C1B1 364	●	D1B1 361	●
A1D1 379	●	B1D1 376	●	C1D1 356	●	D1C1 377	●
A2B2 361	●	B2A2 358	●	A2B2 371	●	D2A2 342	●
A2C2 345	●	B2C2 374	●	C2B2 368	●	D2B2 327	●
A2D2 361	●	B2D2 349	●	C2D2 359	●	D2C2 357	●

HDP Status

HDP kW	Comm	HDP kW	Comm	HDP kW	Comm	HDP kW	Comm
A 3291	●	B 3155	●	C 3276	●	D 3189	●

Temperature 000 °F
Setpoint 000 °F
Tolerance 000 °F
Humidity 000 %rh
Setpoint 000 %rh
Tolerance 000 %rh



00 Stages 000 % Capacity

HEATING HUMID DEHUMID

COOLING UNIT ON ECONO-CYCLE

- | | | | |
|--|--|---|---|
| <input checked="" type="checkbox"/> Loss of Communication | <input checked="" type="checkbox"/> Loss of Emergency Power | <input checked="" type="checkbox"/> Compressor 1 Overload | <input checked="" type="checkbox"/> Short Cycle |
| <input checked="" type="checkbox"/> Local Off | <input checked="" type="checkbox"/> High Temperature | <input checked="" type="checkbox"/> Compressor 2 Overload | <input checked="" type="checkbox"/> Loss of Power |
| <input checked="" type="checkbox"/> Remote Off | <input checked="" type="checkbox"/> Low Temperature | <input checked="" type="checkbox"/> Manual Override | <input checked="" type="checkbox"/> Inverter Bypass |
| <input checked="" type="checkbox"/> High Head Pressure 1 | <input checked="" type="checkbox"/> High Humidity | <input checked="" type="checkbox"/> Smoke Detected | <input checked="" type="checkbox"/> Standby Fan On |
| <input checked="" type="checkbox"/> High Head Pressure 2 | <input checked="" type="checkbox"/> Low Humidity | <input checked="" type="checkbox"/> Loss of Water Flow | <input checked="" type="checkbox"/> Change Filter |
| <input checked="" type="checkbox"/> Loss of Airflow | <input checked="" type="checkbox"/> Humidifier Problem | <input checked="" type="checkbox"/> Standby Unit On | <input checked="" type="checkbox"/> Local Alarm 1 |
| <input checked="" type="checkbox"/> Standby Glycol Pump On | <input checked="" type="checkbox"/> No Water in Humidifier Pan | <input checked="" type="checkbox"/> Low Suction | <input checked="" type="checkbox"/> Local Alarm 2 |
| <input checked="" type="checkbox"/> Water Under Floor | <input checked="" type="checkbox"/> Main Fan Overload | | |

ON
OFF

MENU
ESC

ENTER



Liebert ENVIRONMENTAL UNIT



Voltage	Current	Power
Phase A 0 V	Phase A 0 A	Active 0 kW
Phase B 0 V	Phase B 0 A	Apparent 0 kVA
Phase C 0 V	Phase C 0 A	Reactive 0 kVAR
Avg 0 V	Avg 0 A	
Power Factor		Alarms
0 pf		Communications <input checked="" type="checkbox"/>
Frequency 0 Hz		

CATERPILLAR



1850



Engine Speed (RPM)

149



Coolant Temp (*F)

24.2




Battery Voltage (V)

72.0



Oil Pressure (PSI)

Generator 1

 Critical Summary Alarm

[Reset](#)

Switch Status

Engine Control Switch
Start

Generator Summary

L-L Volts A-B 479.7 v

L-L Volts B-C 483.0 v

L-L Volts C-A 481.0 v

Line Amps A 0.0 A

Line Amps B 0.0 A

Line Amps C 0.0 A

Runtime Hours 232.50 hrs

Frequency 59.75 Hz

Shutdown Faults

[Overspeed](#)

[Overcrank](#)

[Low Oil Press Fail](#)

[Hi Water Temp](#)

[Emergency Stop](#)

[Coolant Loss](#)

Status and Alarms

[Generator Running](#)

[Generator Fault](#)

[Engine Control](#)

[Comm Error](#)

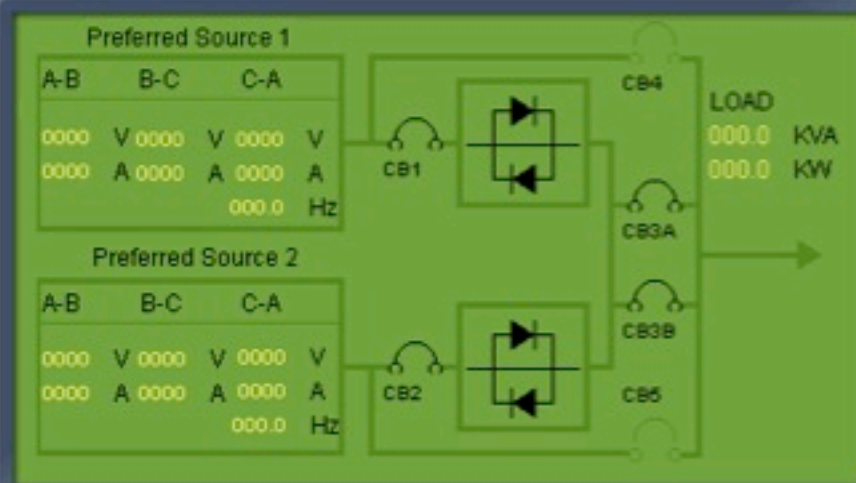
[Ctrl Not in Auto](#)

[Low Oil Pressure](#)

[Low Water Temp](#)

[Hi Water Temp](#)

MONITOR



SETPOINTS

Transfer Count 00000
 Auto Transfer Timer 00000
 Nom Volt Dev 00000
 PH Diff Limit 00000
 Freq Dev 00000
 Auto Transfer Enabled XXXX
 Dual Output Brkr Opt XXXX

Preferred Source

Src1 Src2

Load on Source

Src1 Src2

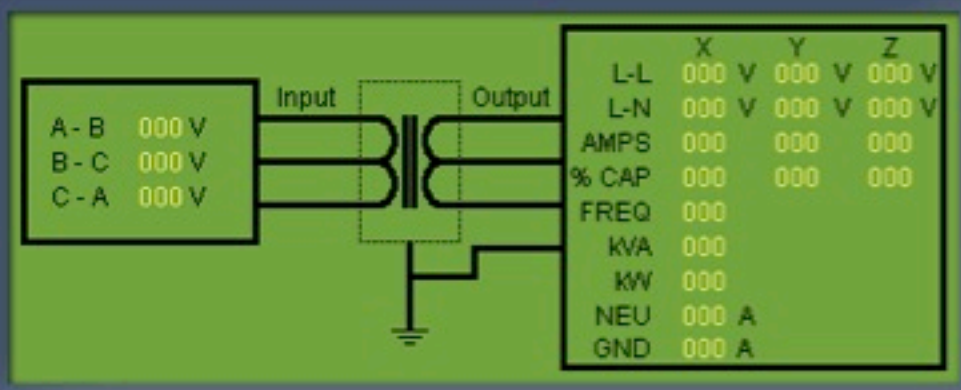
ALARMS

- | | | | |
|---|---|--|---|
| <input checked="" type="checkbox"/> Communication | <input checked="" type="checkbox"/> Peak Current 1 Overload | <input checked="" type="checkbox"/> Transfer Inhibit | <input checked="" type="checkbox"/> Source 1 CB1 Open |
| <input checked="" type="checkbox"/> Logic Failure | <input checked="" type="checkbox"/> Shorted SCR 1 | <input checked="" type="checkbox"/> Auto-Retransfer Primed | <input checked="" type="checkbox"/> Source 2 CB2 Open |
| <input checked="" type="checkbox"/> Equipment Overtemp | <input checked="" type="checkbox"/> Shorted SCR 2 | <input checked="" type="checkbox"/> Out of Sync | <input checked="" type="checkbox"/> Output CB3A Open |
| <input checked="" type="checkbox"/> Power Supply 1 Fault | <input checked="" type="checkbox"/> Open SCR 1 | <input checked="" type="checkbox"/> Source 1 Failure | <input checked="" type="checkbox"/> Output CB3B Open |
| <input checked="" type="checkbox"/> Source 1 Overvoltage | <input checked="" type="checkbox"/> Open SCR 2 | <input checked="" type="checkbox"/> Source 2 Failure | <input checked="" type="checkbox"/> Bypass CB4 Closed |
| <input checked="" type="checkbox"/> Source 1 Undervoltage | <input checked="" type="checkbox"/> Fan Failure | <input checked="" type="checkbox"/> Auto-Retransfer Failed | <input checked="" type="checkbox"/> Bypass CB5 Closed |
| <input checked="" type="checkbox"/> Source 2 Overvoltage | <input checked="" type="checkbox"/> Peak Current 2 Overload | <input checked="" type="checkbox"/> Overload | |
| <input checked="" type="checkbox"/> Source 2 Undervoltage | <input checked="" type="checkbox"/> Power Supply 2 Fault | <input checked="" type="checkbox"/> Control Fuse 1 Open | |
| | <input checked="" type="checkbox"/> Frequency Deviation | <input checked="" type="checkbox"/> Control Fuse 2 Open | |



Liebert
Static Switch

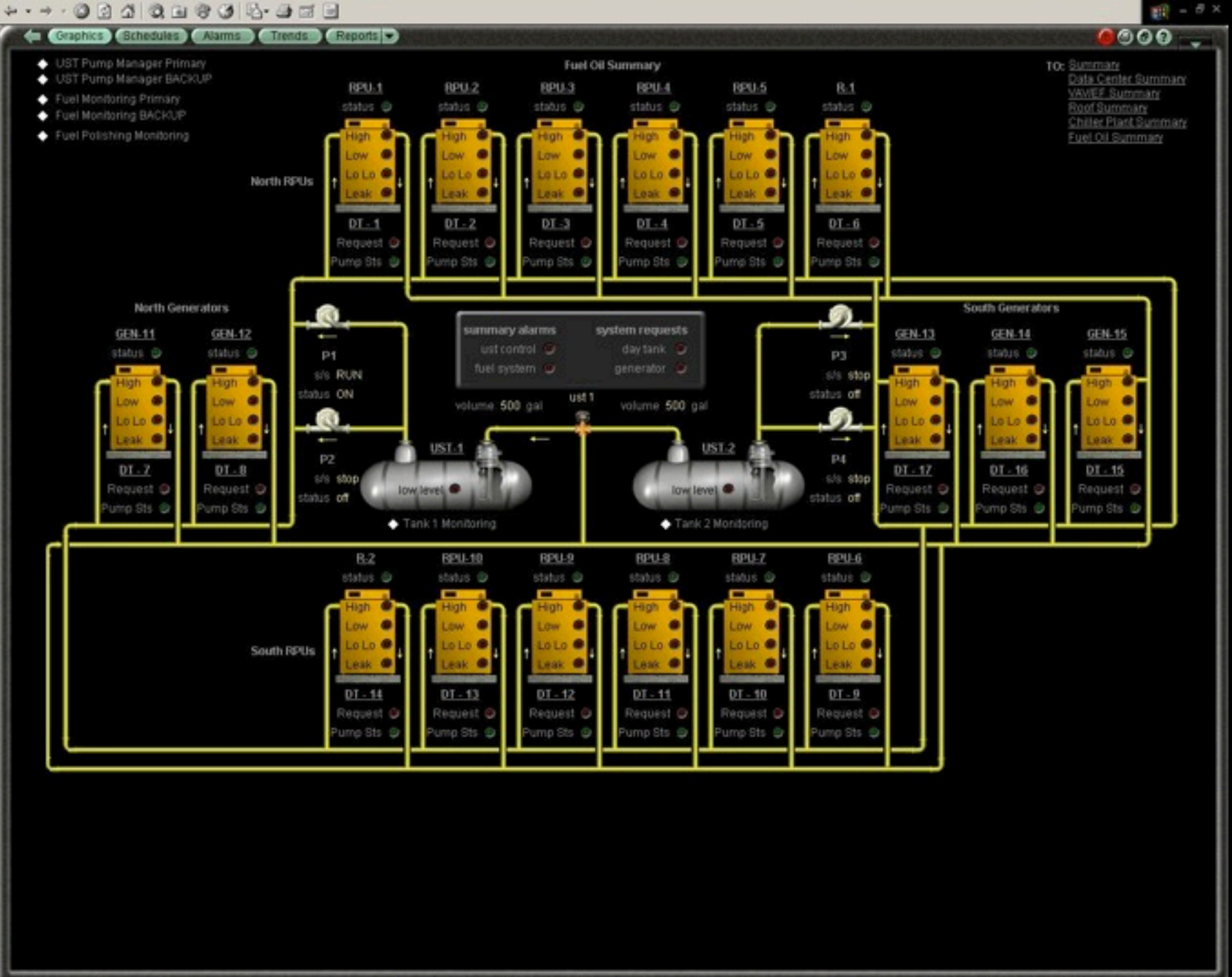
MONITOR

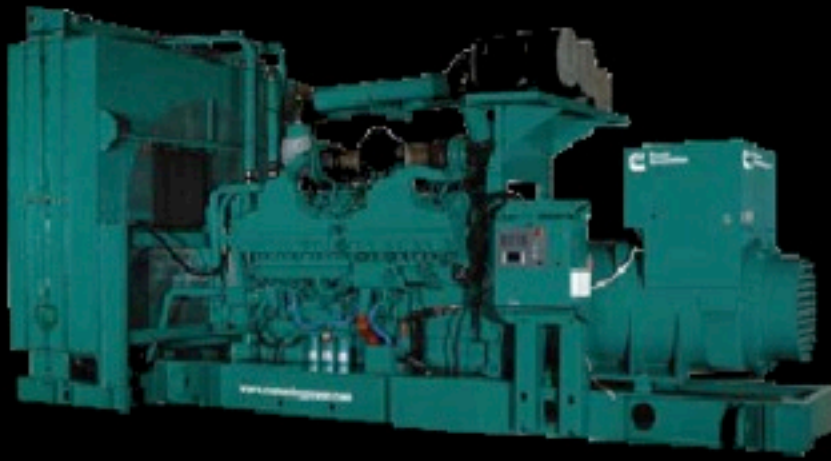


Power Factor	000
Mega-Watt Hrs	000
	X Y Z
THD Volt	000 000 000
THD Current	000 000 000
K Factor I	000 000 000
Crest Fact I	000 000 000

ALARMS

- Loss of Communications
- Output Undervoltage
- Output Overvoltage
- Output Overcurrent
- Frequency Deviation
- Security Alarm
- Ground Overcurrent
- Ground Fault
- Ground Failure
- Liquid Detected
- Transformer Overtemperature
- Phase Rotation Loss
- Datawave Overtemperature
- Emergency Power Off
- Output Voltage THD
- Local Alarm 1
- Local Alarm 2
- Custom 1
- Custom 2
- Load On Bypass





Genset Running



RPM 0

Ph A-B Volts **0 V**

Ph B-C Volts **0 V**

Ph C-A Volts **0 V**

Ph A Volts **0 V**

Ph B Volts **0 V**

Ph C Volts **0 V**

Ph A Amps **0 A**

Ph B Amps **0 A**

Ph C Amps **0 A**

Frequency **0 Hz**

kVAR 0

kVA 0

kW 0

PF 0

Oil Pressure **0 psi**

Oil Temp **0 °F**

Coolant Temp **0 °F**

Runtime **0 HRS**



Alarms

- Genset Supplying Load
- Not In Auto
- Hi Battery Volts
- Lo Battery Volts
- Charger AC Failure
- Fail To Start
- Lo Coolant Temp
- Pre-Engine Hi Temp
- Hi Engine Temp
- Pre-Lo Oil Pressure
- Lo Oil Pressure
- General Alarm
- Lo Coolant Level
- Lo Fuel Level
- Load Bnk Brkr Closed
- Gen Breaker Tripped
- Comm Alarm
- Summary Alarm