

**On-Line Power Service, Inc.**  
 Preventive Maintenance Report  
 EPE Galaxy 3000

Location: Computer Room  
 Date: 3/4/15  
 Job#: 030415MA  
 Technician: Mark Adam

Mfg: MGE  
 Model#: 10KVA Galaxy 3000  
 Part #: 72-170000-10 10KVA 208-208  
 Serial #: A03-11591  
 KVA: 10

System Checks:		Metering Checks (Cont.):				Measurements:	
Infrared Inspection:	Okay	<b>Status Screen</b>				<b>Input Volts</b>	
Damage/Overheating:	Okay	Voltage	Load	R In	B In	A - B	208
Filter Capacitors:	Okay	1	120	119	119	B - C	208
Meters/Indicators:	Note	2	120	119	119	C - A	210
Cleanliness:	Okay	3	119	119	119	A - N	121
Transfer tests:	N/A	1 - 2	207	207	207	B - N	120
Fans / Blowers:	Okay	2 - 3	207	207	207	C - N	121
Output waveform:	Okay	3 - 1	206	207	207	<b>Output Volts</b>	
<b>Unit Load Information:</b>		<b>Status Screen</b>				A - B	207.6
A KVA	0.22	Power	L KVA	L KW	In KVA	B - C	206.7
B KVA	1.33	1	0	0	0.9	C - A	207.9
C KVA	0.39	2	1.3	1.3	1	A - N	120.7
Total KVA	1.94	3	0	0	0.9	B - N	119.5
A %	2.2%	<b>Status Screen</b>				C - N	119.6
B %	13.3%	Amps	Load	R In	B In	GD - N	1.8
C %	3.9%	1	0	8	0	<b>Input Currents</b>	
Load %	19.4%	2	11	8	0	A	9.2
<b>Metering Checks:</b>		3	0	8	0	B	9.5
System Mode:	Normal	Neutral	9		0	C	8.4
<b>Status Screen</b>		<b>Status Screen</b>				<b>Output Currents</b>	
Output Frequency:	60	Ratios	Crest F	% Load		A	1.8
Input Frequency:	60	1	0	0%		B	11.1
Bypass Frequency:	60	2	1.5	39%		C	3.3
<b>Status Screen</b>		3	0	0%		N	9.1
Battery Voltage:	262	Load KW/KVA		0.9		N Hertz	60
Backup Time:	Not available	Load KW %		15%		<b>In / Out Phase:</b>	
Battery Charge %	100	<b>Statistics</b>				Max Volts	4.9
Battery Temp	18C	Time on Battery		59 M			
Service Life	0 Month	Time on Bypass		360 H			
Time		Time on UPS		3467 D			
		With Batt > 25C		227 H			
<b>Battery Inspection:</b>		<b>Measurements:</b>				<b>Inspection Results:</b>	
Type Inspection:	Semi-Annual	Ambient Temp:		19C / 63F		Ambient Temp:	Okay
Manufacturer:	Yuasa	Float Volts:		261.1 13.055		Torque:	N/A
Model:	NPX-80BFR	Ripple Volts:		0.45		Resistance (Conn):	N/A
Date Code:	Apr-13	Charge Current:		0		Float Voltage:	Okay
No. Jars:	20	Ripple Current:		0		Ripple Voltage:	Okay
No. Strings:	1	<b>Inspection Results:</b>				Conductance Tests:	Okay
Jar Volts:	12	Cleanliness:		Okay		Voltage (Jar):	Okay
Total String Volts:	240	Ventilation:		Okay		Temperature (Jar):	Okay
55AH @ 20H		Racks/Cabinet:		Okay		Load Tests:	N/A
		Covers/Cases:		Okay		Impedance Tests:	N/A
		Terminals:		Okay			
No. Jars:	20	Ripple Current:		0		Ripple Voltage:	Okay
No. Strings:	1	<b>Inspection Results:</b>				Conductance Tests:	Okay
Jar Volts:	12	Cleanliness:		Okay		Voltage (Jar):	Okay
Total String Volts:	240	Ventilation:		Okay		Temperature (Jar):	Okay
55AH @ 20H		Racks/Cabinet:		Okay		Load Tests:	N/A
		Covers/Cases:		Okay		Impedance Tests:	N/A
		Terminals:		Okay			

**Note:** UNIT DATE CODE = 10/2003, Air Filters: 1 at 18.5X24X1 and 1 at 7X24X1  
 Unit has a red fault LED on and an orange minor fault LED on.  
 Two messages:  
 Batt must be checked and End of batt service life.

I bypassed unit to clear alarms.

More statistics:  
 Number of backups: 625  
 Number of backups > 1 Min: 624  
 No of backups 1 - 3 min: 1  
 No of backups > 3 min: 0  
 No of overloads < 5 Sec: 1156  
 No of overloads > 5 Sec @ 25C: 789  
 No of times T batt > 25C: 43