

Power Generation & Industrial Engines Inc

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Load Test Report:

Customer:

Hinckley Water Treatment Plant

Attn: Kim Hoffman

PO Box 241

Prospect, NY 13435

Date: 6/29/2016

Contact: Kim Hoffman

Engine	S/N 44585251	Model No 6CTA 8.3 G	Spec No 831
Generator	S/N D910383233	Model No 150DGFA	Spec No 51173F
Transfer Switch	S/N D910384386	Model No OTCU 225G	Spec No 572G

Hour Meter: 735 Hrs

Location: **Water Plant**

Load Test:	Duration:	2 Hours
	Type:	Unity 1.0 PF
	System Voltage:	480 VAC 60 Hz 3 Phase
	Full load amperage:	181 Amps @ 1.0 PF
	Ambient Temperature:	65 deg F

Segments:	.5 Hours	Voltage:	L1 - L2	L2 - L3	L3 - L1
			480	480	480
		Amperage:	L1	L2	L3
			94	93	94
	1.5 Hours	Voltage:	L1 - L2	L2 - L3	L3 - L1
			477	477	477
		Amperage:	L1	L2	L3
			181	181	181

Engine:	Oil Pressure	Coolant Temp.	Frequency
.5 Hours	55 psi	175 deg F	60 Hz
1.5 Hours	50 psi	177 deg F	60 Hz

Notes on back

Notes:

During test generator ran out of fuel. Found down stairs pumps were not running. Pumps are operated from the relay in the transfer switch. The relay receives power from the generator output which was removed to connect the load banks. No other changes need to be made at this time. The correct connection should have been to the run relay in the generator control.

Operation / Recommendations:

All other operations normal.