

Generator Loading Performance Test Report

Customer: Power Generation Enterprises
 RPC Project No: 243866
 Date: 9/17/2024
 Gen. Manufacturer/KW: Marathon / 1500KW
 Generator Model No: 743RDL4836
 Generator Serial No: WA-531313-0902
 Engine Manufacturer/HP: Deutz / 2500HP
 Engine Model No: MWM 620 V16
 Engine Serial No: 2203174
 Voltage/RPM: 480V / 1800RPM
 Tested @ Power Factor: 1.0 PF

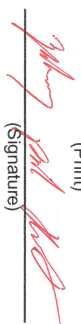
***NOTE: PRIOR TO STARTING THIS TEST, REAGAN'S GENERATOR PACKAGE PRE-START CHECK LIST (REPORT NO. QAR-024) MUST BE COMPLETED.**

REAGAN PRE-START CHECK LIST 100% COMPLETE: YES NO

TIME OF DAY	VOLTS A-B	VOLTS B-C	VOLTS C-A	AMPS A-B	AMPS B-C	AMPS C-A	FREQ. HZ	KW	JW TEMP IN	JW TEMP OUT	AUX TEMP	OIL TEMP	OIL PRES	RPM	NOTES
9:30AM	480	480	480	636	637	636	60	500	53 C	57 C	37 C	60 C	5.5bar	1800	
10:00AM	480	480	480	1475	1463	1467	60	1200	63 C	77 C	37 C	80 C	5.5bar	1800	
10:30AM	480	480	480	1475	1463	1467	60	1200	66 C	81 C	39 C	81 C	5.4bar	1800	
11:00AM	480	480	480	1475	1463	1467	60	1200	71 C	86 C	39 C	88 C	5.5bar	1800	Shut down due to cooling fan breaker issue
12:30PM	480	480	480	1475	1463	1467	60	1200	70 C	84 C	40 C	85 C	5.7bar	1800	Resolved loose connection & restarted test
1:00PM	480	480	480	1475	1463	1467	60	1200	71 C	86 C	40 C	88 C	5.5bar	1800	
1:30PM	480	480	480	1476	1465	1469	60	1210	67 C	83 C	42 C	87 C	5.8bar	1800	
2:00PM	480	480	480	1476	1465	1469	60	1210	69 C	84 C	40 C	87 C	5.5bar	1800	
2:30PM	480	480	480	1476	1465	1469	60	1210	67 C	83 C	45 C	86 C	5.9bar	1800	
3:00PM	480	480	480	1476	1465	1469	60	1210	69 C	85 C	45 C	87 C	5.9bar	1800	
3:30PM	480	480	480	1558	1510	1560	60	1275	71 C	85 C	42 C	87 C	5.3bar	1800	
4:00PM	480	480	480	1556	1511	1561	60	1274	70 C	84 C	43 C	87 C	5.5bar	1800	

ADDITIONAL NOTES:

Fuel gas supply to Reagan Broussard facility is limited for fuel consumption. The required fuel consumption for the Deutz engine higher than 1275KW could not be achieved due to availability of gas.

Reagan Representative: Zachary Hebert
 (Print)

 (Signature)

Customer Representative: Steve Murphy - Power ProSolutions
 (Print)

 (Signature)