JOB #	ENG SERIAL#	CUSTOMER	HIGH PLAINS POWER SYSTEMS, LLC	Form 082699-1
	CEY00153	N/A	GAS ENGINE LOAD TEST REPORT	

ENGINE MAKE	ENG. MODEL&COMP. RATIO	BHP (F.L.)	RPM (F.L.)	RPM (H.I.)	IGN. TYPE	IGN. TIMING	TURBO P/N	BOOST IN Hg
CATERPILLAR	G3516B 11.0 TO 1	1971	1800	1800	ADEM 3	22° BTDC	N/A	76.2 INHG (ABS)

MAIN FUEL PRES.	TESTED BY	MECHANIC	SERVICE MANAGER	CUSTOMER WITNESS	HOURS START	HOURS END
45	SHOP	SHOP	SHOP	YES	65 HRS	68 HRS

TEST COMMENTS:
CRANKCASE PRESSURE WAS IN NORMAL RANGE
76.2 INHG (ABS) EQUAL TO 37.4 PSI (ABS)
LOAD TESTING AT 1818 BHP WITHOUT FAN PER GERP DUE TEMP AND ALTITUDE BEING NONE STANDARD
TARGET TEST LOAD OF 1287 KW, TESTING AT 1250KW PLUS FAN LOAD OF 35 KW

DATE	RUNNING TIME		VOLTS	LINE AMPERES				kW	HZ	ENG TEMP °F	ENG OIL PSI	SCAC TEMP. °F INLET		IMAP PSI (ABS)		REGULATOR PRES. PSI		EXHAUST TEMP. °F	
	FROM	TO		L1	L2	L3	AVE							LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT
6/10/2021	0:00	0:15	480	N/A	N/A	N/A	N/A	N/A	45	N/A	N/A	N/A	N/A	N/A	N/A	3	N/A	N/A	N/A
	0:15	0:30	480	780	810	795	795	661	60	188°	70	101°	N/A	20	N/A	3	N/A	1020°	1015°
	0:30	1:00	480	1195	1200	1195	1197	995	60	198°	65	125°	N/A	29	N/A	3	N/A	1010°	1012°
	1:00	2:00	480	1535	1540	1535	1537	1278	60	198°	62	128°	N/A	37	N/A	3	N/A	998°	1000°