

Sample Report

Test Information

Test Date:	Thursday, November 17, 2011	Engineer:	John Smith	Bay:	Load Test Bay 1
Customer:	Acme	Job #:	12345-67-89		

Genset

Model: abc123 **Series:** 123

Rating

kW:	300.00	kVA:	400.00	Volts L-N:	277.00
Volts L-L:	480.00	Amps:	480.00	PF:	0.800
Phase:	3	Hz:	60.00	RPM:	1800.00

Engine

Manufacturer:	ABC123	Serial #:	98765-43-21	Model:	123456
Fuel Type:	Diesel	Governor:	DEF456	Controller:	HIJ789

Generator

Manufacturer:	Marathon Electric	Serial #:	654321	Model:	123
Connection:	Delta	Wires:	Other	Leads:	3

Test Settings

Transients

Voltage Max + Deviation:	15.00%	Frequency Max + Deviation:	15.00%
Voltage Max - Deviation:	-5.00%	Frequency Max - Deviation:	-5.00%
Voltage Dip Recovery Time:	5.00 sec.	Frequency Dip Recovery Time:	5.00 sec.
Voltage Rise Recovery Time:	5.00 sec.	Frequency Rise Recovery Time:	5.00 sec.

Steady State

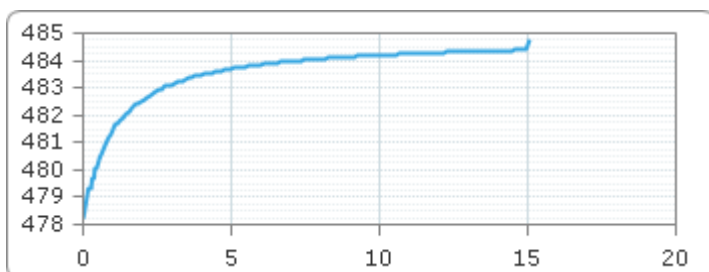
Voltage Max + Deviation:	2.00%	Frequency Max + Deviation:	0.50%
Voltage Max - Deviation:	-2.00%	Frequency Max - Deviation:	-0.50%

Step Results

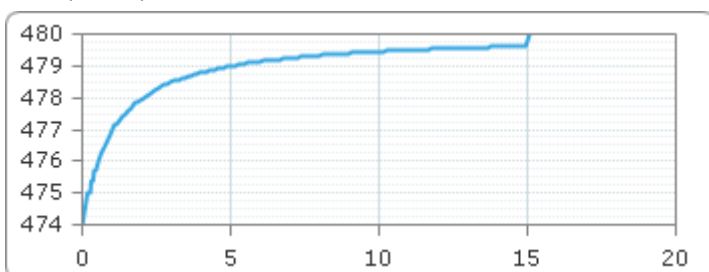
Step 1

Time: 15.0 sec kW: 25.00 kVAR: 18.75

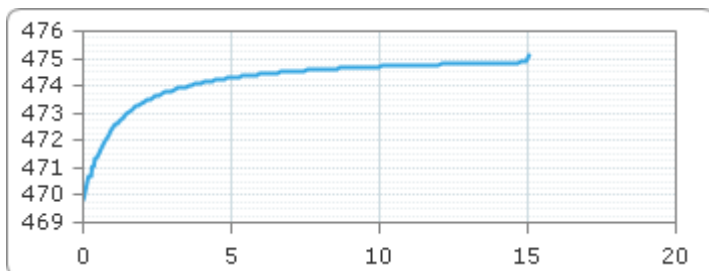
Vab (484.8)



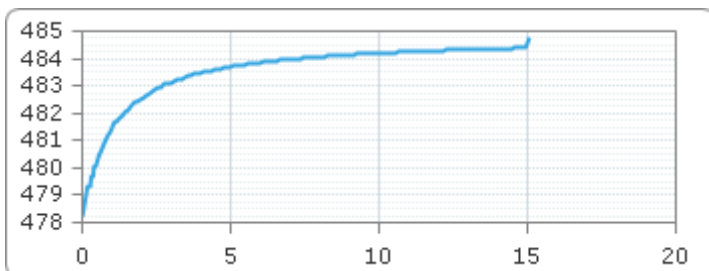
Vac (480.0)



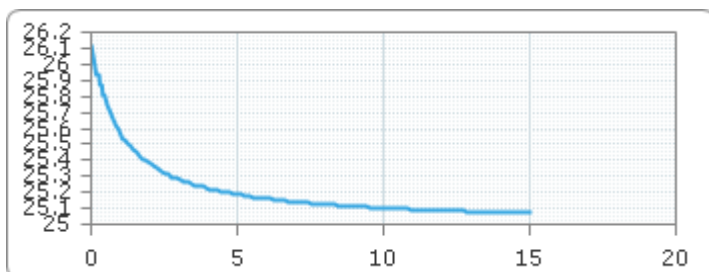
Vbc (475.2)



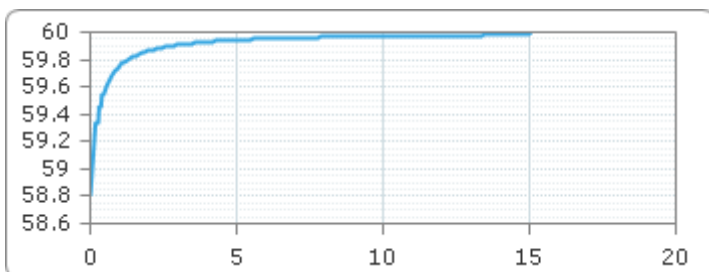
Vavg (484.8)



kW (25.1)



Hz (60.00)



Transients

Voltage Max + Deviation:	0.8%	PASS
Voltage Max - Deviation:	0.4%	PASS
Voltage Dip Recovery Time:	0.0sec.	PASS
Voltage Rise Recovery Time:	0.0sec.	PASS

Frequency Max + Deviation:	0.1%	PASS
Frequency Max - Deviation:	2.0%	PASS
Frequency Dip Recovery Time:	1.0sec.	PASS
Frequency Rise Recovery Time:	0.0sec.	PASS

Steady States

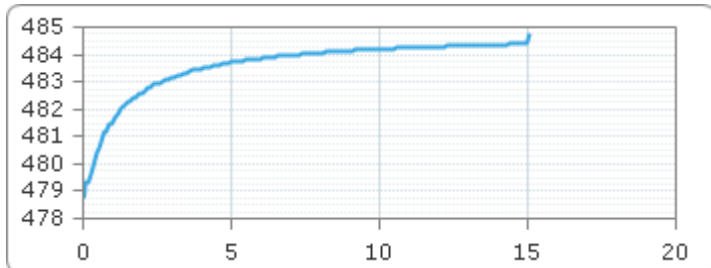
Voltage Max + Deviation:	1.0%	PASS
Voltage Max - Deviation:	0.8%	PASS

Frequency Max + Deviation:	0.0%	PASS
Frequency Max - Deviation:	0.1%	PASS

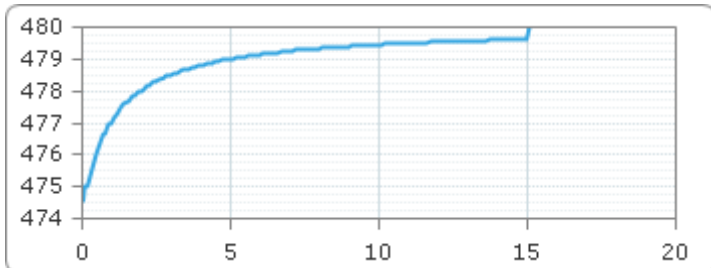
Step 2

Time: 15.0 sec **kW:** 50.00 **kVAR:** 37.50

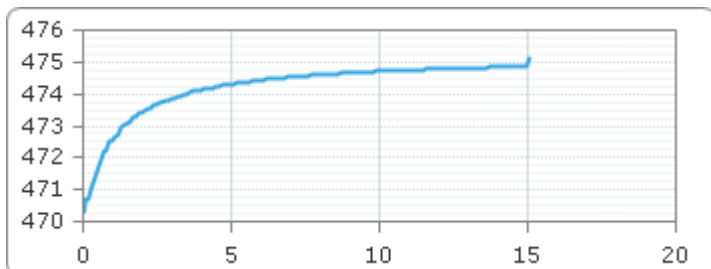
Vab (484.8)



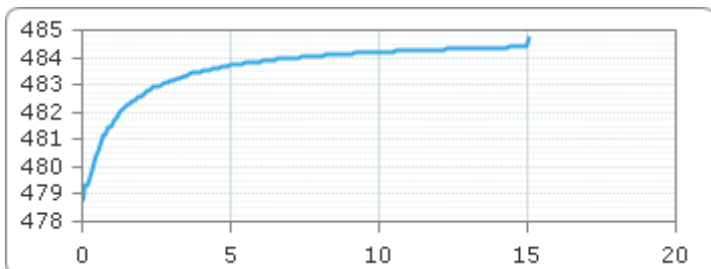
Vac (480.0)



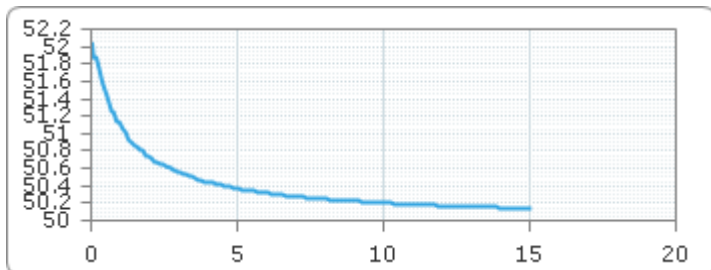
Vbc (475.2)



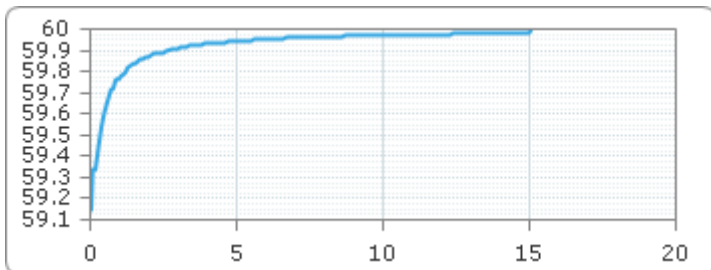
Vavg (484.8)



kW (50.1)



Hz (60.00)



Transients

Voltage Max + Deviation:	0.8%	PASS
Voltage Max - Deviation:	0.3%	PASS
Voltage Dip Recovery Time:	0.0sec.	PASS
Voltage Rise Recovery Time:	0.0sec.	PASS

Frequency Max + Deviation:	0.1%	PASS
Frequency Max - Deviation:	1.4%	PASS
Frequency Dip Recovery Time:	0.9sec.	PASS
Frequency Rise Recovery Time:	0.0sec.	PASS

Steady States

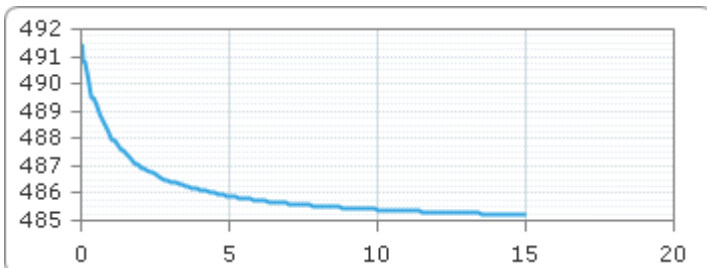
Voltage Max + Deviation:	1.0%	PASS
Voltage Max - Deviation:	0.8%	PASS

Frequency Max + Deviation:	0.0%	PASS
Frequency Max - Deviation:	0.1%	PASS

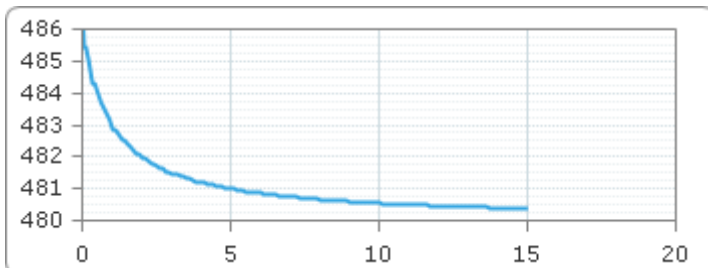
Step 3

Time: 15.0 sec kW: 25.00 kVAR: 18.75

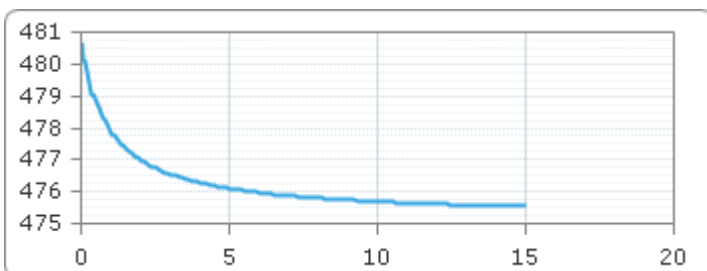
Vab (485.2)



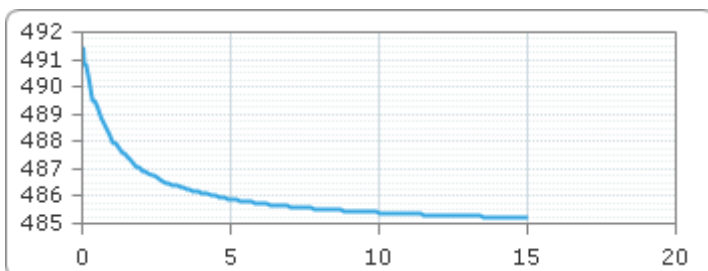
Vac (480.4)



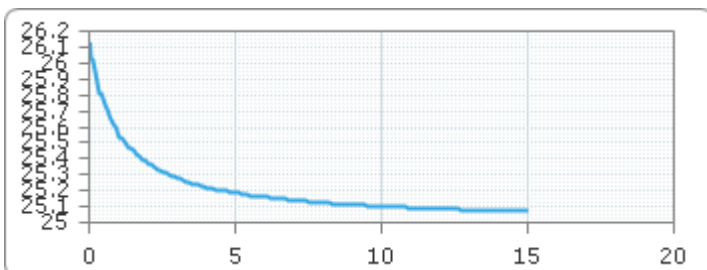
Vbc (475.5)



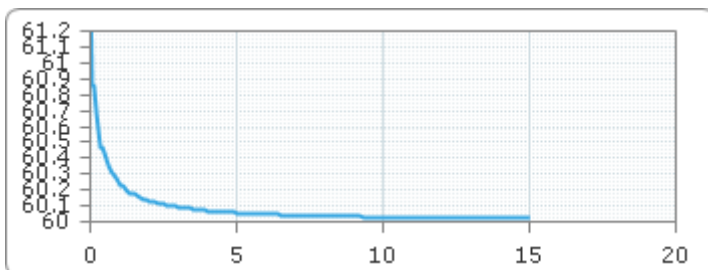
Vavg (485.2)



kW (25.1)



Hz (60.02)



Transients

Voltage Max + Deviation:	2.4%	PASS
Voltage Max - Deviation:	1.2%	PASS
Voltage Dip Recovery Time:	0.0sec.	PASS
Voltage Rise Recovery Time:	0.5sec.	PASS

Frequency Max + Deviation:	2.0%	PASS
Frequency Max - Deviation:	0.1%	PASS
Frequency Dip Recovery Time:	0.0sec.	PASS
Frequency Rise Recovery Time:	1.0sec.	PASS

Steady States

Voltage Max + Deviation:	1.2%	PASS
Voltage Max - Deviation:	1.1%	PASS

Frequency Max + Deviation:	0.1%	PASS
Frequency Max - Deviation:	0.0%	PASS

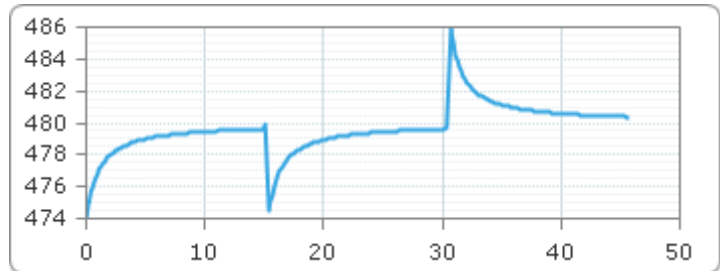
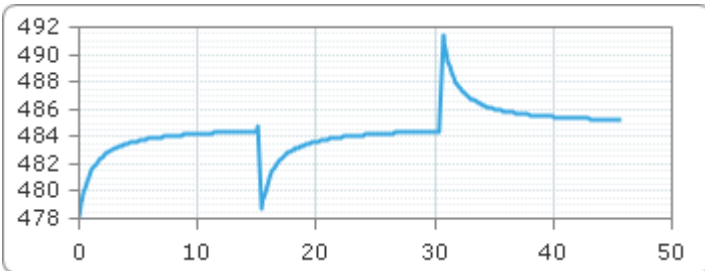
Overall Test Results

Vab (485.2)

Vac (480.4)

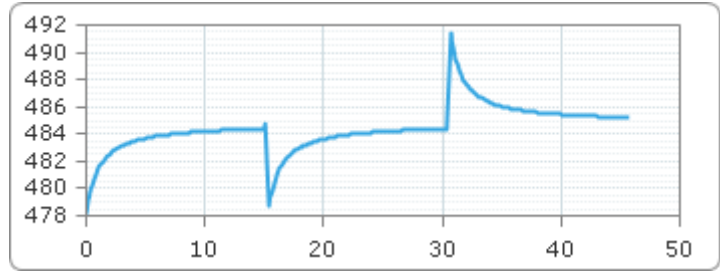
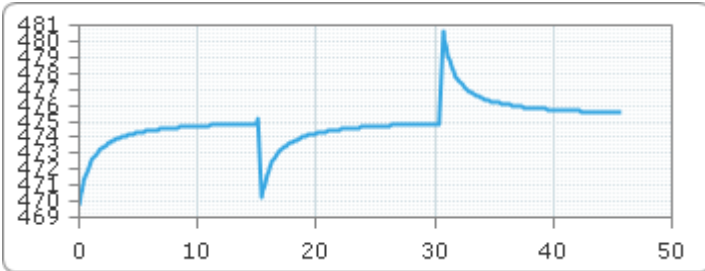
Sample Report

Acme



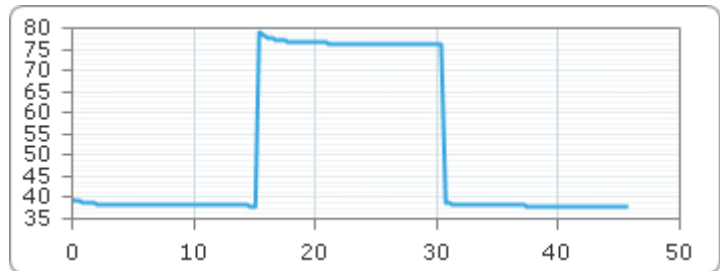
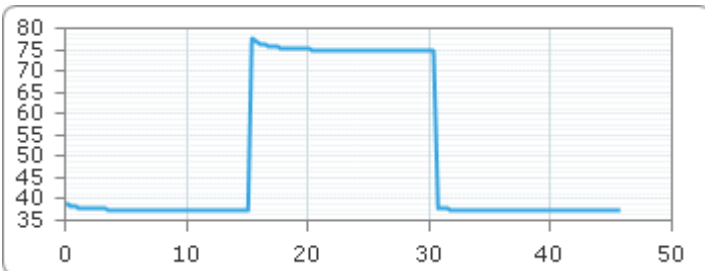
Vbc (475.5)

Vavg (485.2)



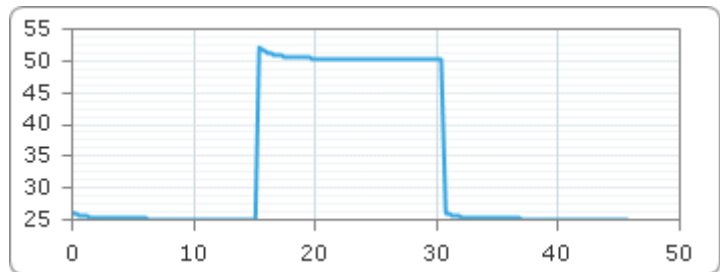
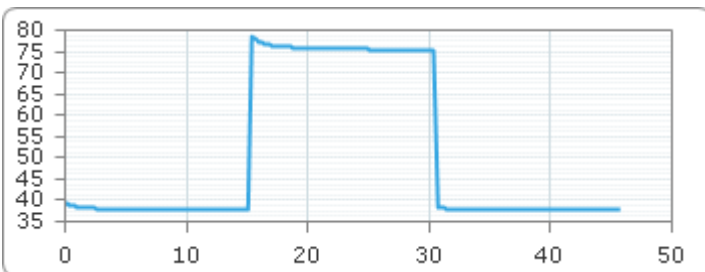
Ia (37.3)

Ib (38.0)



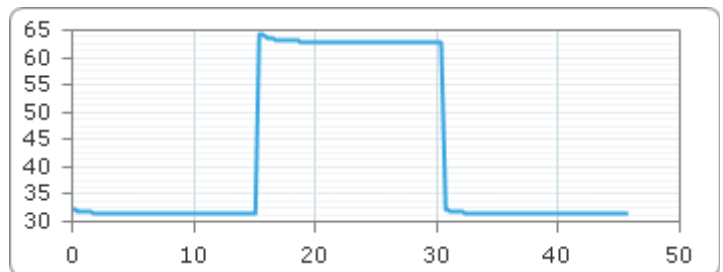
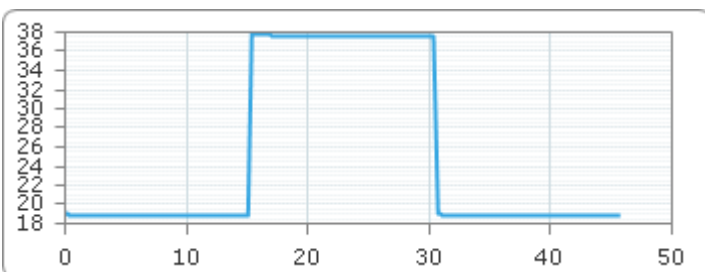
Ic (37.6)

kW (25.1)



kVAR (18.8)

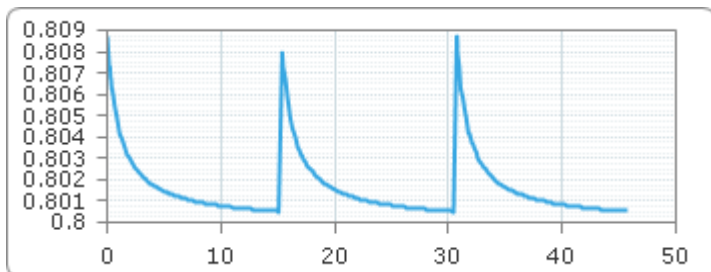
kVA (31.3)



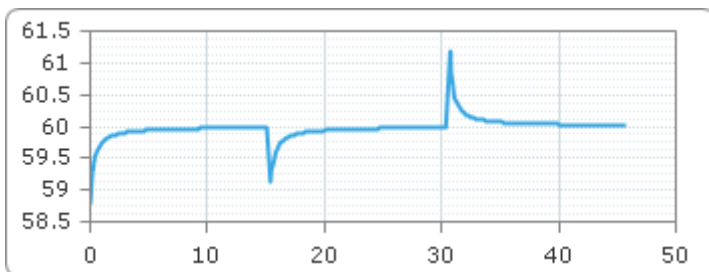
Sample Report

Acme

pF (0.801)



Hz (60.02)



Transients (Max)

Voltage Max + Deviation:	2.4%	PASS
Voltage Max - Deviation:	0.4%	PASS
Voltage Dip Recovery Time:	0.0sec.	PASS
Voltage Rise Recovery Time:	0.5sec.	PASS

Frequency Max + Deviation:	2.0%	PASS
Frequency Max - Deviation:	2.0%	PASS
Frequency Dip Recovery Time:	0.0sec.	PASS
Frequency Rise Recovery Time:	1.0sec.	PASS

Steady States (Max)

Voltage Max + Deviation:	1.2%	PASS
Voltage Max - Deviation:	0.8%	PASS

Frequency Max + Deviation:	0.1%	PASS
Frequency Max - Deviation:	0.1%	PASS