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Project Title:	Abengoa Mojave Compliance
TN #:	254933
Document Title:	Mahnaz Ghamati Comments - 2-Mojave Solar Project 2023 Annual Compliance Report (09-AFC-5C)
Description:	N/A
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Organization:	Mahnaz Ghamati
Submitter Role:	Applicant Representative
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Comment Received From: Mahnaz Ghamati
Submitted On: 3/8/2024
Docket Number: 09-AFC-05C

2-Mojave Solar Project 2023 Annual Compliance Report (09-AFC-5C)

Additional submitted attachment is included below.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 6.9.23

Operator: Travis

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	2254	
Stop Time:	2304	
Total Run Time:	10 MIN	
Starting Hour Meter Reading	523.8	
Monthly Fuel Consumption(gal)	N/A	
Oil Level	Good	
Coolant Level	Good	Coolant Temp. @ Start 62 °c Finish = 76 °c
Belt Condition	Good	
Oil Pressure		Start = 8.1 bar Finish = 6.7 bar
Battery Condition	Good	
Battery Voltage	26.4	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.14	
Generator Amps	320	
Generator "KVA"	3145	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	NO	
Fuel Level 1/4 | 1/2 | 3/4 | F	88%	
Sulfur Concentrations <0.0015% (15ppm)	N/A	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
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Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 6-4-23

Operator: Caleb S.

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0010	
Stop Time:	0020	
Total Run Time:	10min	
Starting Hour Meter Reading	523.6	523.8
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 63 °c Finish=74 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.0 bar Finish=6.7 bar
Battery Condition	✓	
Battery Voltage	27.4	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	No	
Fuel Level 1/4 | 1/2 | 3/4 | F	88	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: fuel consumption 114.01 gal/h (431.57 l/h) of load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 6.9.23

Operator: Travis

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	2121	
Stop Time:	2131	
Total Run Time:	10 Min	
Starting Hour Meter Reading	644.6	
Monthly Fuel Consumption(gal)	N/A	
Oil Level	Good	
Coolant Level	Good	Coolant Temp. @ Start 50 °c Finish=75°c
Belt Condition	Good	
Oil Pressure		Start = 8.5 bar Finish=6.9bar
Battery Condition	Good	
Battery Voltage	26.0	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.15	
Generator Amps	272	
Generator "KVA"	1909	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	NO	
Fuel Level 1/4 1/2 3/4 F	78%	
Sulfur Concentrations <0.0015% (15ppm)	N/A	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note. Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 6-4-23

Operator: Caleb S

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0945	
Stop Time:	0955	
Total Run Time:	10min.	
Starting Hour Meter Reading	644.4	644.6
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 49 °c Finish=75°c
Belt Condition	✓	
Oil Pressure	✓	Start = 80 bar Finish=69 bar
Battery Condition	✓	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	NO	
Fuel Level 1/4 1/2 3/4 F	79%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine s shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 7-15-23

Operator: Isaac

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	2340	
Stop Time:	2350	
Total Run Time:	10	
Starting Hour Meter Reading	645.4	
Monthly Fuel Consumption(gal)		
Oil Level	LOW	
Coolant Level	✓	Coolant Temp. @ Start 49 °c Finish=75 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 0 bar Finish=6.9 bar
Battery Condition	✓	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.1kV	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 3/4 F	78%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use. This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant:	Alpha	**Date:**	7/29/23
Operator:	PAT		

Main Generator Breaker		**Comments**
Open	✓	
Closed		
Engine		**Comments**
Start Time:	20:22	
Stop Time:	20:32	
Total Run Time:	10 min	
Starting Hour Meter Reading	525	
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 62 °c Finish= 75 °c
Belt Condition	✓	
Oil Pressure		Start = 7.6bar Finish= 6.6bar
Battery Condition	✓	
Battery Voltage	27.1	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps		
Generator "KVA"		
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	no	
Fuel Level 1/4 1/2 3/4 F	88%	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 7/21/20

Operator: VAT

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	1:20	
Stop Time:	1:30	
Total Run Time:	10 min.	
Starting Hour Meter Reading	524.8	
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level		Coolant Temp. @ Start 63 °c Finish=75°c
Belt Condition		good
Oil Pressure		Start = 6.0 bar Finish=6.6 bar
Battery Condition	good	
ttery Voltage	26.8	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.16	
Generator Amps		
Generator "KVA"		
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	NO	
Fuel Level 1/4 1/2 3/4 F	89 %	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a point in time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/hr (431.57 l/H) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: BETA 1 **Date:** 7-29-23

Operator: Erick.

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	20:40	
Stop Time:	20:50	
Total Run Time:	10	
Starting Hour Meter Reading	645.8	646.0
Monthly Fuel Consumption(gal)		
Oil Level	✓	Inhibitor Add - Full
Coolant Level	N/A	Coolant Temp. @ Start 52 °c Finish= 75 °c
Belt Condition	Good	
Oil Pressure		Start = 9.1 bar Finish= 6.8 bar
Battery Condition	Good	
Battery Voltage	27.0	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.16	
Generator Amps	360	
Generator "KVA"	2314	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	781.	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: BeTA **Date:** 7/22/23

Operator: Diego Rodriguez

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0348	
Stop Time:	0358	
Total Run Time:	10 MINS.	
Starting Hour Meter Reading	645.6.	645.8 FINISH TIME
Monthly Fuel Consumption(gal)	✓	
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 57 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 50 bar 7.8 Finish= 75 bar 6.9
Battery Condition	✓	Need to be cleaned.
Battery Voltage	26.6.	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.16.	
Generator Amps	272	
Generator "KVA"	1621.	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	ND.	
Fuel Level 1/4 1/2 (3/4) F	79%	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 7-15-25

Operator: J. Salas

Main Generator Breaker		Comments
Open	-	
Closed	-	
Engine		**Comments**
Start Time:	0006	
Stop Time:	0016	
Total Run Time:	10	
Starting Hour Meter Reading	524.6	
Monthly Fuel Consumption(gal)	-	
Oil Level	LOW	
Coolant Level	✓	Coolant Temp. @ Start 62 Finish=75 °c
Belt Condition	✓	
Oil Pressure		Start = 0 bar Finish=6.6bar
Battery Condition	✓	
Battery Voltage	26.8	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	41.18	
Generator Amps	-	
Generator "KVA"	-	
Reason For Use		**Comments**
Testing	✓	
Emergency	-	
Maintenance	-	
Generator		**Comments**
Fuel Delivered	-	
Fuel Level 1/4 1/2 3/4 F	89%	
Sulfur Concentrations <0.0015% (15ppm)	-	

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Note: Fuel consumption: 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 7-10-23

Operator: J Sagal

Main Generator Breaker		**Comments**
Open		
Closed		
Engine		**Comments**
Start Time:	0019	
Stop Time:	0029	
Total Run Time:	10min	
Starting Hour Meter Reading	584.5	
Monthly Fuel Consumption(gal)	—	
Oil Level	low	
Coolant Level	✓	Coolant Temp. @ Start 61 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	0	Start = 0 bar Finish= 6.6 bar
Battery Condition	✓	
Battery Voltage	26.8	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	3.49	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	X	
Fuel Level 1/4 1/2 3/4 F	88%	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 7/2/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	2341	
Stop Time:	2351	
Total Run Time:	10 min	
Starting Hour Meter Reading	524.3	
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level		Coolant Temp. @ Start 63 °c Finish= 75 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish= 6.6 bar
Battery Condition	Good	
Battery Voltage	26.8	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.16	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	89%	
Sulfur Concentrations <0.0015% (15ppm)	—	

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 7-10-25

Operator: JSalah

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	0147	
Stop Time:	0157	
Total Run Time:	10 mins	
Starting Hour Meter Reading	645.3	
Monthly Fuel Consumption(gal)	-	
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 51 °c Finish= 75 °c
Belt Condition	✓	
Oil Pressure	0	Start = 0 bar Finish=6.9 bar
Battery Condition	✓	
Battery Voltage	26.7	
Engine RPMs		
Generator		**Comments**
Generator Volts	4.16	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	79%	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 14.01 gal/h (≈31.57 /h) at load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 7-2-23

Operator: Trasw

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	2330	
Stop Time:	2340	
Total Run Time:	10 MIN	
Starting Hour Meter Reading	6451	
Monthly Fuel Consumption(gal)	N/A	
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 51 °c Finish=75 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.3 bar Finish=6.9 bar
Battery Condition	✓	
Battery Voltage	25.8	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	416	
Generator Amps	328	
Generator "KVA"	1909	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	NO	
Fuel Level 1/4 1/2 3/4 F	78%	
Sulfur Concentrations <0.0015% (15ppm)	N/A	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use. This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.31 gal/h (432.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Bell **Date:** 8/26/23

Operator: E Serio

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	0555	
Stop Time:	0605	
Total Run Time:	10 min	
Starting Hour Meter Reading	6463	6465 CAN1 communication alarm
Monthly Fuel Consumption(gal)		
Oil Level	Good	
Coolant Level	Good	Coolant Temp. @ Start 50 °c Finish= 74 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish= 6.9 bar
Battery Condition	Good	
Battery Voltage	26.7	
Engine RPMs	1860	
Generator		**Comments**
Generator Volts	4.13	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 3/4 F	78%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption ~14.01 gal/h (43~57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 8-18-23

Operator: Efrain

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	0154	
Stop Time:	0204	
Total Run Time:	10 min	CAN 1 Communication Alarm
Starting Hour Meter Reading	6464.3	
Monthly Fuel Consumption(gal)		
Oil Level	Good	
Coolant Level	Good	Coolant Temp. @ Start 52 °c Finish=74 °c
Belt Condition	Good	
Oil Pressure		Start = 7 bar Finish=6.9 bar
Battery Condition	Good	
Battery Voltage	27.8	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	416	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 3/4 F	78 %	
Sulfur Concentrations <0.0015% (15ppm)	✓	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 5.12.23

Operator: Caleb Sowards

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0157	
Stop Time:	0209	
Total Run Time:	10min	
Starting Hour Meter Reading	6416.1	.2
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 57 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	✓	Start =8.2 bar Finish=6.8 bar
Battery Condition	good	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	NO	
Fuel Level 1/4 1/2 3/4 F	78%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use. This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Bota **Date:** 8-6-23

Operator: Caleb

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0750	
Stop Time:	0200	
Total Run Time:	10.00	
Starting Hour Meter Reading	646.0	
Monthly Fuel Consumption(gal)		
Oil Level	good	
Coolant Level	good	Coolant Temp. @ Start 57 °c Finish=75°c
Belt Condition	good	
Oil Pressure	✓	Start = 8.4 bar Finish=6.7 bar
Battery Condition	good	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	NO	
Fuel Level 1/4 1/2 3/4 F	78	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 8-17-23

Operator: Caleb

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	11:30	
Stop Time:	11:40	
Total Run Time:	10 Min	
Starting Hour Meter Reading	525.5	
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 63 *c Finish=75 *c
Belt Condition	✓	
Oil Pressure	✓	Start = 7.1 bar Finish=6.7 bar
Battery Condition	✓	
Battery Voltage	26.9	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps		
Generator "KVA"		
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	NO	
Fuel Level 1/4 1/2 3/4 F	1/2	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 8/13/23

Operator: Diego Rodriguez

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0032	
Stop Time:	0042	
Total Run Time:	10 mins	
Starting Hour Meter Reading	525.3	525.5 End Reading
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 61 *c Finish=74 *c
Belt Condition	✓	
Oil Pressure	✓	Start =7.2 bar Finish=6.7 bar
Battery Condition	✓	Needs Cleaning & Small leak BATTERY #3
Battery Voltage	24.8	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	2224	
Generator Amps	6344	
Generator "KVA"	3145	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	N/A	
Fuel Level 1/4 1/2 (3/4) F	88%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.

This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 8/6/23

Operator: Diego Rodriguez

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0049	
Stop Time:	0059	
Total Run Time:	10 mins	
Starting Hour Meter Reading	525.1	Finish Hour Meter : 525.3
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 62 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 7.1 bar Finish= 6.7 bar
Battery Condition	✓	Need To Be cleaned/leak on 3rd From Door.
Battery Voltage	27.3	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.18	kv ✓
Generator Amps	0336	
Generator "KVA"	2385	
Reason For Use		**Comments**
Testing	✓	Weekly Test.
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 (3/4) F	88%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 9-30-23

Operator: Erick

Main Generator Breaker		Comments
Open ✓	✓	
Closed		
Engine		**Comments**
Start Time:	18:50	
Stop Time:	19:00	
Total Run Time:	10 min	
Starting Hour Meter Reading	647.2	
Monthly Fuel Consumption(gal)		
Oil Level	✓	In between min & max.
Coolant Level		Coolant Temp. @ Start 51 °c Finish=74 °c
Belt Condition	✓	
Oil Pressure		Start = 6.3 bar Finish=6.9 bar
Battery Condition	✓	Electric Die grease seems to have been
Battery Voltage	27.1	Added to terminals.
Engine RPMs	1900	
Generator		**Comments**
Generator Volts	415.	
Generator Amps	0264.	
Generator "KVA"	1661.	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	76%.	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 9/30/25

Operator: PAT

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	19:33	
Stop Time:	19:43	
Total Run Time:	10 minutes	
Starting Hour Meter Reading	526.4	
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 58 *c Finish=74*c
Belt Condition	✓	
Oil Pressure		Start = 7.6 bar Finish=6.6 bar
Battery Condition	✓	
Battery Voltage	27	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts		
Generator Amps	248	
Generator "KVA"	4.16	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	no	
Fuel Level 1/4 1/2 3/4 F	87 %	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 9/22/23

Operator: PAT

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	19:22	
Stop Time:	19:32	
Total Run Time:	10 min	
Starting Hour Meter Reading	526.1	
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 60*c Finish= *c 74
Belt Condition	✓	
Oil Pressure		Start = bar 7.5 Finish= bar 6.6
Battery Condition	✓	
Battery Voltage	27.2	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts		
Generator Amps	264	
Generator "KVA"	4.16	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	No	
Fuel Level 1/4 1/2 3/4 F	87%	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 9/15/23

Operator: Diego Rodriguez

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	1925	
Stop Time:	1935	
Total Run Time:	10 Mins	
Starting Hour Meter Reading	526.0	End Time - 526.1
Monthly Fuel Consumption(gal)	N/A	
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 63 *c Finish= 75*c
Belt Condition	✓	
Oil Pressure	✓	Start = 7.3 bar Finish= 6.7 bar
Battery Condition	✓	Need To Be cleaned.
Battery Voltage	24.9	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	0336.	
Generator "KVA"	2462	
Reason For Use		**Comments**
Testing	✓	Weekly Test.
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	N/A	
Fuel Level 1/4 1/2 (3/4) F	87%	
Sulfur Concentrations <0.0015% (15ppm)		

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 9/10/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	2357	
Stop Time:	0007	
Total Run Time:	10 min	
Starting Hour Meter Reading	525.8	
Monthly Fuel Consumption(gal)	—	
Oil Level	✓	
Coolant Level		Coolant Temp. @ Start 62 *c Finish=74 *c
Belt Condition	✓	
Oil Pressure		Start = 0 bar Finish=6.6 bar
Battery Condition	✓	
Battery Voltage	27.0	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps		
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	88%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 9/3/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	2240	
Stop Time:	2250	
Total Run Time:	10 min.	
Starting Hour Meter Reading	525.6	
Monthly Fuel Consumption(gal)	—	
Oil Level	✓	
Coolant Level		Coolant Temp. @ Start 64 *c Finish= 74 *c
Belt Condition	✓	
Oil Pressure		Start = 0 bar Finish= 6.6 bar
Battery Condition	✓	
Battery Voltage	27.0	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	88%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.

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Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 9-22-23

Operator: Erick

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	20:00	
Stop Time:	20:10	
Total Run Time:	10 m	
Starting Hour Meter Reading	6470	6472
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level		Coolant Temp. @ Start 52 °c Finish=75 °c
Belt Condition	✓	
Oil Pressure		Start = 8.4 bar Finish=6.9 bar
Battery Condition	✓	Battery terminals
Battery Voltage	27.0	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	416	
Generator Amps	0280	
Generator "KVA"	1896	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 (F)	78 %	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use. This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.5 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 9-17-23

Operator: Caleb Sowards

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0310	
Stop Time:	0320	
Total Run Time:	10min	
Starting Hour Meter Reading	646.9	647.0
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 51 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.4 bar Finish= 6.9 bar
Battery Condition	✓	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	No	
Fuel Level 1/4 1/2 3/4 F	78%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use. This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption ~14.0~ gal/h (431.5 l/h) of load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 7-11-23

Operator: Caleb

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0125	
Stop Time:	0135	
Total Run Time:	10min	
Starting Hour Meter Reading	646.7	.9
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 57 °c Finish= 75°c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.3 bar Finish=6.9 bar
Battery Condition	✓	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	still has Can I alarm
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	No	
Fuel Level 1/4 1/2 3/4 F	78%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 /h) of load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 9-4-23

Operator: Caleb Sowards

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0020	Can I comunications
Stop Time:	0030	
Total Run Time:	10min	
Starting Hour Meter Reading	646.5	.7
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 52 °c Finish = 75 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.2 bar Finish = 6.7 bar
Battery Condition	good	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	No	
Fuel Level 1/4 1/2 3/4 F	78	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

ote. Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Befa **Date:** 10/24/23

Operator: Pat

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	23:20	
Stop Time:	23:30	
Total Run Time:	10 min	
Starting Hour Meter Reading	647.9	
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 52 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure		Start = 8.2 bar Finish= 6.9 bar
Battery Condition	✓	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	1668	
Generator Amps	206	
Generator "KVA"	4.16	
Reason For Use		**Comments**
Testing		
Emergency		
Maintenance	✓	
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	76%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: MJVA **Date:** 10/25/23

Operator: Diego R.

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0534	
Stop Time:	0554	
Total Run Time:	20Mins	
Starting Hour Meter Reading	528.8	Finish Hour Meter Time 529.1
Monthly Fuel Consumption(gal)	N/A	
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 61 °c Finish= 73 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 7.6 bar Finish=6.6 bar
Battery Condition	✓	Need To Be cleaned
Battery Voltage	26.9	27.6 while Running
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	1572	
Generator Amps	0264	
Generator "KVA"	416	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	N/A.	
Fuel Level 1/4 1/2 (3/4) F	83%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 10-25-23

Operator: Caleb Sowards

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0545	
Stop Time:	0605	
Total Run Time:	20min	
Starting Hour Meter Reading	648.1	648.5
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 52 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.1 bar Finish=6.8 bar
Battery Condition	✓	
Battery Voltage	26.7	
Engine RPMs	1800	can I alarm
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	76	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use. This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately

Atlantica
Sustainable Infrastructure

Emergency Diesel Generator Weekly Test Log

Plant: Alpha

Date: 10-20-25

Operator: ISaQan

Main Generator Breaker		Comments
Open	X	
Closed		
Engine		**Comments**
Start Time:	120	
Stop Time:	150	
Total Run Time:	10	
Starting Hour Meter Reading	526.9	
Monthly Fuel Consumption(gal)		
Oil Level	Low	
Coolant Level	✓	Coolant Temp. @ Start 61 *c Finish=74*c
Belt Condition	✓	
Oil Pressure		Start = 7.7 bar Finish=6.6 bar
Battery Condition	✓	
Battery Voltage	26.9	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps		
Generator "KVA"		
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	57%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.

This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 10-14-23

Operator: Isaac

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	0038	
Stop Time:	0048	
Total Run Time:	10 minutes	
Starting Hour Meter Reading	526.7	
Monthly Fuel Consumption(gal)	[illegible]	
Oil Level	LOW	
Coolant Level	✓	Coolant Temp. @ Start 62 *c Finish=75 *c
Belt Condition	✓	
Oil Pressure		Start =8.1 bar Finish=6.7 bar
Battery Condition	✓	
Battery Voltage	26.9	Alternator excitation Alarm
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	0256	
Generator "KVA"	1581	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	86%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.

This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta Date: 10-21-23

Operator: ISaiah

Main Generator Breaker		Comments
Open	X	
Closed		
Engine		**Comments**
Start Time:	222	
Stop Time:	232	
Total Run Time:	10	
Starting Hour Meter Reading	6417.7	
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 51 *c Finish=74 *c
Belt Condition	✓	
Oil Pressure		Start = 8.5 bar Finish=6.9 bar
Battery Condition	✓	
Battery Voltage	26.6	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.14	
Generator Amps		
Generator "KVA"		
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	7/4	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.

This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 10-16-23

Operator: Caleb Sowards

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0430	
Stop Time:	0440	
Total Run Time:		
Starting Hour Meter Reading		
Monthly Fuel Consumption(gal)	647.6	.7
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 52 °c Finish=74 °c
Belt Condition	✓	
Oil Pressure		Start = 8.3 bar Finish=6.8 bar
Battery Condition	good	
Battery Voltage	26.6	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	~~Yes~~ NO	
Fuel Level 1/4 1/2 3/4 F	76%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure
Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha Date: 10/7/23

Operator: Diego Rodriguez

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	1925	
Stop Time:	1235	
Total Run Time:	10 mins	
Starting Hour Meter Reading	526.5	End Time 526.7
Monthly Fuel Consumption(gal)	N/A	
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 52 *c Finish= 23 *c
Belt Condition	✓	
Oil Pressure	✓	Start = 7.6 bar Finish=6.6 bar
Battery Condition	✓	Need to be cleaned.
Battery Voltage	27.2	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	2242	
Generator Amps	0344	
Generator "KVA"	2424	
Reason For Use		**Comments**
Testing	✓	weekly Test
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	N/A	
Fuel Level 1/4 1/2 (3/4) F	87 %	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.

This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 10-8-23

Operator: Caleb Sowards

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0052	
Stop Time:	0102	
Total Run Time:	10min	
Starting Hour Meter Reading	647.4	.6
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 57 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.3 bar Finish= 6.5 bar
Battery Condition	good	
Battery Voltage	26.6	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	76%	
Fuel Level 1/4 1/2 3/4 F	No	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 11/21/23

Operator: Erick.

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	21:08	
Stop Time:	21:38	
Total Run Time:	30 min	
Starting Hour Meter Reading	529.6	530.1.
Monthly Fuel Consumption(gal)		
Oil Level	Good	between min & max
Coolant Level		Coolant Temp. @ Start 47 °c Finish=73 °c
Belt Condition	Good	
Oil Pressure		Start = 8.4 bar Finish=6.8 bar
Battery Condition	Good	
Battery Voltage	27.5.	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.19.	
Generator Amps	0235	
Generator "KVA"	1536	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance	✓	
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 (3/4) F	82%.	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 11/17/23

Operator: Diego Rodriguez

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	1903	
Stop Time:	1913	
Total Run Time:	10 Mins	
Starting Hour Meter Reading	529.5	End TIME 529.6
Monthly Fuel Consumption(gal)	N/A	
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 54°c Finish= 73°c
Belt Condition	✓	
Oil Pressure	✓	Start = 7.9 bar Finish=6.7 bar
Battery Condition	✓	Need cleaning
Battery Voltage	27.3	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	0240	
Generator "KVA"	1143	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	N/A	
Fuel Level 1/4 1/2 (3/4) F	81%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 11/11/23

Operator: Diego Rodriguez

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	1827	
Stop Time:	1837	
Total Run Time:	10 Mins	
Starting Hour Meter Reading	529.3	End Hour Meter : 529.5
Monthly Fuel Consumption(gal)	N/A	
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 57 °c Finish=73 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.1 bar Finish=6.7 bar
Battery Condition	✓	Need clean.
Battery Voltage	26.9	27.6 End voltage.
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	320	
Generator "KVA"	2259	
Reason For Use		**Comments**
Testing	✓	weekly test.
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	N/A	
Fuel Level 1/4 1/2 3/4 F	81%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 10/5/23

Operator: CARSON Marsh

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	10:00	
Stop Time:	10:10	
Total Run Time:	10	
Starting Hour Meter Reading	524.1	
Monthly Fuel Consumption(gal)		
Oil Level	good	
Coolant Level		Coolant Temp. @ Start 62 °c Finish 74 °c
Belt Condition	good	
Oil Pressure	good ✓	Start = 0 bar Finish 6.6 bar
Battery Condition		
Battery Voltage	26.9V	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	414	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 3/4 F	82%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 12/9/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	2210	
Stop Time:	2220	
Total Run Time:	10 min	
Starting Hour Meter Reading	649.8	
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level		Coolant Temp. @ Start 51 °c Finish= 74 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish= 7.0 bar
Battery Condition	Good	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	✓ 4.15	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	75%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption ~14.01 gal/h (431.57 l/h) of load aproximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 11/22/27

Operator: Edwin

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	0106	
Stop Time:	0134	
Total Run Time:	30 min	
Starting Hour Meter Reading	649.2	ending 649.6
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level	Good	Coolant Temp. @ Start 46 °c Finish=74 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish=7.0 bar
Battery Condition	Good	
Battery Voltage	25.1	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.12	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 3/4 F	76%	
Sulfur Concentrations <0.0015% (15ppm)	✓	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 11/20/23

Operator: Caleb Sowards

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	0150	
Stop Time:	0200	
Total Run Time:	10min	
Starting Hour Meter Reading	649.0	.2
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 57 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.0 bar Finish=6.9 bar
Battery Condition	✓	
Battery Voltage	26.6	
Engine RPMs	1800	CAN 1 Alarm
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	No	
Fuel Level 1/4 1/2 3/4 F	75	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 11/12/23

Operator: Caleb Sowards

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	2:05	
Stop Time:	2:15	
Total Run Time:	648.8 (10 min)	649.0
Starting Hour Meter Reading		
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 53 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure	✓	Start = 8.4 bar Finish= 6.9 bar
Battery Condition	✓	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	N/A	
Generator Amps	N/A	
Generator "KVA"	N/A	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered	~~N~~ No	
Fuel Level 1/4 1/2 3/4 F	75%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of loan approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 11/5/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	0005	
Stop Time:	0015	
Total Run Time:	10 min	
Starting Hour Meter Reading	648.6	
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level		Coolant Temp. @ Start 50 °c Finish=74 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish=6.9 bar
Battery Condition	Good	
Battery Voltage	26.6	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	75%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 10/29/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	2005	
Stop Time:	2015	
Total Run Time:	10 min	
Starting Hour Meter Reading	648.5	
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level		Coolant Temp. @ Start 52 °c Finish= 74 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish=6.9 bar
Battery Condition	Good	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	76%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) at load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta Date: 12/19/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	2210	
Stop Time:	2220	
Total Run Time:	10 min	
Starting Hour Meter Reading	649.8	
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level		Coolant Temp. @ Start 51 °c Finish= 74 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish= 7.0 bar
Battery Condition	Good	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	✓ 4.15	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	75%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 14.01 gal/h (431.57 l/h) of load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 12/9/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	1921	
Stop Time:	1931	
Total Run Time:	10 min	
Starting Hour Meter Reading	530.3	
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level		Coolant Temp. @ Start 60 °c Finish=73 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish=6.8 bar
Battery Condition	Good	
Battery Voltage	26.9	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.18	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	81%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beja **Date:** 12/30/23

Operator: Edwin

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	1500	
Stop Time:	1510	
Total Run Time:	10 min	
Starting Hour Meter Reading	650.3	ending hour 650.5
Monthly Fuel Consumption(gal)	–	
Oil Level	Good	
Coolant Level	Good	Coolant Temp. @ Start 52 °c Finish= 74 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish= 7 bar
Battery Condition	Good	
Battery Voltage	27.1	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	–	
Generator "KVA"	–	
Reason For Use		**Comments**
Testing	✓	
Emergency	–	
Maintenance	–	
Generator		**Comments**
Fuel Delivered	–	
Fuel Level 1/4 1/2 3/4 F	75 %	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 12/24/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	0809	
Stop Time:	0819	
Total Run Time:	10 min	
Starting Hour Meter Reading	650.1	
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level		Coolant Temp. @ Start 52 °c Finish= 74 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish=7.0 bar
Battery Condition	Good	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.14	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 (3/4) F	75%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

ojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Beta **Date:** 12/15/23

Operator: E. Soria

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	2146	
Stop Time:	2156	
Total Run Time:	10 min	
Starting Hour Meter Reading	650.0	ending 650.7
Monthly Fuel Consumption(gal)	---	
Oil Level	good	
Coolant Level	good	Coolant Temp. @ Start 52 °c Finish=74 °c
Belt Condition	good	
Oil Pressure		Start = 0 bar Finish=7.0 bar
tery Condition	Good	
Battery Voltage	26.7	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.16	
Generator Amps	--	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	--	
Maintenance	--	
Generator		**Comments**
Fuel Delivered	---	
Fuel Level 1/4 1/2 3/4 F	75%	
Sulfur Concentrations <0.0015% (15ppm)	---	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an ...age to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut ...ediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: BETA **Date:** 12/1/23

Operator: PAT

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	22:00	
Stop Time:	22:10	
Total Run Time:	10 min	
Starting Hour Meter Reading	649.6	
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 51 °c Finish= 74 °c
Belt Condition	✓	
Oil Pressure		Start = 4 bar Finish= 7 bar
Battery Condition	✓	
Battery Voltage	26.2	
Engine RPMs	1900	
Generator		**Comments**
Generator Volts		
Generator Amps	266	
Generator "KVA"	4.16	
Reason For Use		**Comments**
Testing	✓	
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 F	75%	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption : 14.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 12-2-23

Operator: Erick Carrillo

Main Generator Breaker		Comments
Open	✓	
Closed		
Engine		**Comments**
Start Time:	19:30	
Stop Time:	19:40	
Total Run Time:	10min	
Starting Hour Meter Reading	530.1	5303
Monthly Fuel Consumption(gal)		
Oil Level	✓	
Coolant Level	✓	Coolant Temp. @ Start 54 °c Finish=73 °c
Belt Condition	✓	
Oil Pressure		Start = 8.5 bar Finish=6.9 bar
Battery Condition	✓	
Battery Voltage	27.6	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.14	
Generator Amps	248	
Generator "KVA"	1547	
Reason For Use		**Comments**
Testing	✓	Alarm (Alternator Excitation Alarm)
Emergency		
Maintenance		
Generator		**Comments**
Fuel Delivered		
Fuel Level 1/4 1/2 3/4 (F)	81/	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 12/29/23

Operator: Anthony

Main Generator Breaker		Comments
Open		
Closed	✓	
Engine		**Comments**
Start Time:	0615	
Stop Time:	0625	
Total Run Time:	10 min	
Starting Hour Meter Reading	530.8	
Monthly Fuel Consumption(gal)	—	
Oil Level	Good	
Coolant Level		Coolant Temp. @ Start 63 °c Finish = 73 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish = 6.9 bar
Battery Condition	Good	
Battery Voltage	27.0	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.19	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 3/4 F	81%	
Sulfur Concentrations <0.0015% (15ppm)	—	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use. This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fue consumption 114.01 gal/h (431.57 l/h) of load approximatey.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 12/24/23

Operator: Efrain

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	0827	
Stop Time:	0837	
Total Run Time:	10 min	
Starting Hour Meter Reading	530.7	
Monthly Fuel Consumption(gal)		
Oil Level	Good	
Coolant Level	Good	Coolant Temp. @ Start 43 °c Finish=73 °c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish=6.9 bar
Battery Condition	Good	
Battery Voltage	27	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.17	
Generator Amps	—	
Generator "KVA"	—	
Reason For Use		**Comments**
Testing	✓	
Emergency	—	
Maintenance	—	
Generator		**Comments**
Fuel Delivered	—	
Fuel Level 1/4 1/2 3/4 F	81/4	
Sulfur Concentrations <0.0015% (15ppm)		

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load approximately.

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Emergency Diesel Generator Weekly Test Log

Plant: Alpha **Date:** 12/5/23

Operator: Ebony

Main Generator Breaker		Comments
Open		
Closed		
Engine		**Comments**
Start Time:	2249	
Stop Time:	2259	
Total Run Time:	16 min	
Starting Hour Meter Reading	530.5	530.7 ending
Monthly Fuel Consumption(gal)	–	
Oil Level	Good	
Coolant Level	Good	Coolant Temp. @ Start 65 °c Finish= 73°c
Belt Condition	Good	
Oil Pressure		Start = 0 bar Finish=6.9 bar
Battery Condition	Good	
Battery Voltage	27.0	
Engine RPMs	1800	
Generator		**Comments**
Generator Volts	4.16	
Generator Amps	–	
Generator "KVA"	–	
Reason For Use		**Comments**
Testing	✓	
Emergency	–	
Maintenance	–	
Generator		**Comments**
Fuel Delivered	–	
Fuel Level 1/4 1/2 3/4 F	81%	
Sulfur Concentrations <0.0015% (15ppm)	–	

This Emergency Generator shall be limited to use for emergency power, as defined as in response to a fire or when utility back-feed power is not available. In addition, this unit shall be operated no more than 30 minutes during any hour and 50 hours per year for testing and maintenance excluding compliance source testing. There is no limit on engine operation for Emergency use.This engine may operate in response to notification of impending loss of utility back-feed power if the interconnected utility has ordered an outage to the plant or expects to order such outages at a particular time the engine is operated no more than 30 minutes prior to the forecasted outage and the engine is shut immediately after the utility advises that the outage no longer imminent or in effect.

Note: Fuel consumption 114.01 gal/h (431.57 l/h) of load aproximately. Alternator excitation alarm

Appendix H

Air Quality 45

Diesel Fire Pump Engine Fuel and Time of Use Records

2023 Panel Pictures of Diesel-Driven Fire Pump

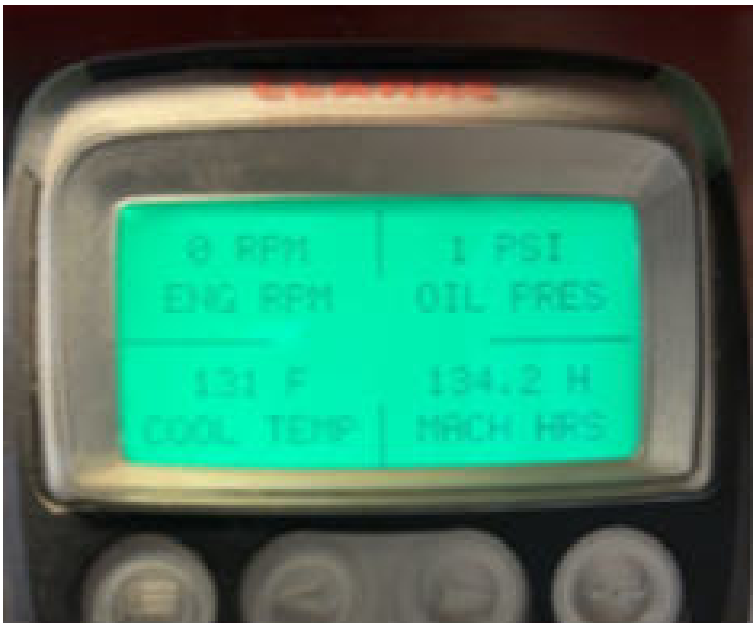
AQ45

Alpha

E011042

Beta

E011043



Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 2-4-23
Operator: Tyrone	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 165

Pump Suction Pressure: N/A Pump Discharge pressure: 165

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 164

Start time: 2425

Pump Suction Pressure: 10 Pump Discharge pressure: 150

Stop time: 2435 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☑ No ☐ Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: Normal
Starting hour meter: 20.5	Start time: 2436
Oil pressure start: 64	Oil Pressure finish: 41

Pump Suction Pressure: 15 Pump Discharge pressure: 160

Coolant temperature after 30 minutes running: 192

Stop time: Stop hour meter: Total run time: January 1st hour meter: Total YTD hours:

Comments: Air Cool Temp too high; out of range

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.5(a)(3)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☒ BETA: ☐ Date: 2-3-23 Operator: Brick C -

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SC Unit 1		✓ O/C	✓	Y☑ N☐	
2	SC Unit 2		✓ O/C	✓	Y☑ N☐	
3	Reheaters		✓ O/C	✓	Y☑ N☐	
4	Rack 2 West HTF		✓ O/C	✓	Y☑ N☐	
5	Rack 2 East HTF		✓ O/C	✓	Y☑ N☐	
6	North Steel Pipe		✓ O/C	✓	Y☑ N☐	
7	HTF Pumps		✓ O/C	✓	Y☑ N☐	
8	HTF Heaters		✓ O/C	✓	Y☑ N☐	
9	South Steel Pipe		✓ O/C	✓	Y☑ N☐	
10	Lube Oil		✓ O/C	✓	Y☐ N☑	
11	Turbine Hose Stations		✓ O/C	✓	Y☑ N☐	
12	Turbine Bearings		✓ O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels		✓ O/C	✓	Y☐ N☑	
2	Ullage Area		✓ O/C	✓	Y☑ N☐	
3	Ullage Structure		O/C ✓	✓	Y☐ N☑	
4	Rack 1 Middle Area		✓ O/C	✓	Y☑ N☐	
5	Overflow Tanks		✓ O/C	✓	Y☑ N☐	
6	Rack 1 South Area		✓ O/C	✓	Y☑ N☐	
7	Rack 1 West		✓ O/C	✓	Y☑ N☐	
8	Rack 1 North Area		✓ O/C	✓	Y☑ N☐	
9	Over flow AFFF		✓ O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF		✓ O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	160	✓ O/C	✓	Y☑ N☐	
2	Transformer Main	155	✓ O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓ O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	165	✓ O/C	✓	Y☑ N☐	
2	Offices	165	✓ O/C	✓	Y☐ N☐	
3	Electrical Room	165	✓ O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓ O/C	
2	Bearing 3	Y☑ N☐	✓ O/C	
3	Bearing 4	Y☑ N☐	✓ O/C	
4	Bearing 5	Y☑ N☐	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	✓ O/C	
2	MP-200A	Y☐ N☑	✓ O/C	
3	MP-200B	Y☑ N☐	✓ O/C	
4	MP 200C	Y☑ N☐	✓ O/C	
5	MP 200D	Y☐ N☑	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓ O/C			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-1 # 10	O/C ✓			
5	West Side Cooling Tower by VS 4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage # 1	O/C ✓			
8	N.E. Corner Chemical Storage # 2	✓ O/C			
9	East Side W.T. by Multimedia Filters # 3	✓ O/C			
10	East Side W.T. by Multimedia Filters # 5	✓ O/C			
11	North Side Bldg 10 # 6	✓ O/C			
12	Between MP-444 s and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Chems	Y☐ N☑	03/24/2019

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 2-2-23 Operator TRAVIS

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	0	O/C	Y	Y☒ N☐	
2	SG Unit 2	0	O/C	Y	Y☒ N☐	
3	Boilerhouse	0	O/C	Y	Y☒ N☐	
4	Rack 2 West HTF	0	O/C	Y	Y☒ N☐	
5	Rack 2 East HTF	0	O/C	Y	Y☒ N☐	
6	North Steel Pile	0	O/C	Y	Y☒ N☐	
7	HTF Pumps	0	O/C	Y	Y☐ N☒	NOT LOCKED
8	HTF Heaters	0	O/C	Y	Y☒ N☐	
9	South Steel Pile	0	O/C	Y	Y☒ N☐	
10	Lube Oil	0	O/C	Y	Y☒ N☐	
11	Turbine Hose Stations	0	O/C	Y	Y☒ N☐	
12	Turbine Bearings	0	O/C	Y	Y☒ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	0	O/C	Y	Y☒ N☐	
2	Ullage Area	0	O/C	Y	Y☒ N☐	
3	Ullage Structure	0	O/C	Y	Y☒ N☐	
4	Rack 1 Middle Area	0	O/C	Y	Y☒ N☐	
5	Overflow Tanks	0	O/C	Y	Y☒ N☐	
6	Rack 1 South Area	0	O/C	Y	Y☒ N☐	
7	Rack 1 West	0	O/C	Y	Y☒ N☐	
8	Rack 1 North Area	0	O/C	Y	Y☒ N☐	
9	Over flow AFFF	0	O/C	Y	Y☒ N☐	
10	Expansion Vessel AFFF	0	O/C	Y	Y☒ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	30	O/C	Y	Y☒ N☐	
2	Transformer Main	30	O/C	Y	Y☒ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	0	O/C	Y	Y☐ N☒	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	0	O/C	Y	Y☒ N☐	
2	Offices	0	O/C	Y	Y☒ N☐	
3	Electrical Room	0	O/C	Y	Y☒ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☒ N☐	O/C	
2	Bearing 3	Y☒ N☐	O/C	
3	Bearing 4	Y☐ N☒	O/C	NOT LOCKED
4	Bearing 5	Y☐ N☒	O/C	NOT LOCKED

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☒	O/C	NOT LOCKED
2	MP-200A	Y☒ N☐	O/C	
3	MP-200B	Y☐ N☒	O/C	NOT LOCKED
4	MP-200C	Y☒ N☐	O/C	
5	MP-200D	Y☒ N☐	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	145	O	Y☒ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C	N		
2	Maintenance Shop Drive Way #8	O/C	N		
3	West Side Power Block by V5-3 # 9	O/C	Y	2-2-23	
4	West Side Power Block by V5-1 # 10	O/C	Y	2-2-23	
5	West Side Cooling Tower by V5-4 # 11	O/C	Y	2-2-23	
6	West Side Cooling Tower by V5-4 # 12	O/C	Y	2-2-23	
7	N.W. Corner Chemical Storage #1	O/C	N		
8	N.E. Corner Chemical Storage # 2	O/C	N		
9	East Side WT by Multimedia Filters # 3	~~O/C~~	—		OUT OF GROUND
10	East Side WT by Multimedia Filters # 5	O/C	N		
11	North Side Bldg 10 # 6	O/C	N		
12	Between MP-444's and Water Treat # 4	O/C	N		
13	West Side Power Block Valve Shed #1	O/C	N		

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☒ N☐	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☒ Beta ☐	Date: 1/28/23
Operator: Anthony	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☒ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145

Start time: 2139

Pump Suction Pressure: 25 Pump Discharge pressure: 150

Stop time: 2149 Total time running 10 minutes

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption: —

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: Good
Starting hour meter: 120.3	Start time: 2153
Oil pressure start: 1	Oil Pressure finish: 42

Pump Suction Pressure: 25 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 15 min and it overheated - 201

Stop time: 2209 Stop hour meter: 120.5 Total run time: 15 January 1st hour meter: 119.8 Total YTD hours:

Comments: Change air cooler alarm

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

his new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25-"Standard for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/ h approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]

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Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☒ BETA: ☐ Date: 1-27-23 Operator Travis

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	0	O/C	Y	Y☒ N☐	
2	SG Unit 2	0	O/C	Y	Y☒ N☐	VALVED
3	Reheaters	0	O/C	Y	Y☒ N☐	
4	Rack 2 West HTF	0	O/C	Y	Y☒ N☐	OUT
5	Rack 2 East HTF	0	O/C	Y	Y☒ N☐	
6	North Steel Pro	0	O/C	Y	Y☒ N☐	
7	HTF Pumps	0	O/C	Y	Y☒ N☐	
8	HTF Heaters	0	O/C	Y	Y☒ N☐	
9	South Steel Pro	0	O/C	Y	Y☒ N☐	
10	Tube Oil	0	O/C	Y	Y☒ N☐	
11	Turbine Hose Stations	0	O/C	Y	Y☒ N☐	
12	Turbine Bearings	0	O/C	Y	Y☒ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	140	O/C	Y	Y☐ N☒	
2	Ullage Area	145	O/C	Y	Y☒ N☐	VALVED
3	Ullage Structure	0	O/C	Y	Y☐ N☒	
4	Rack 1 Middle Area	145	O/C	Y	Y☒ N☐	OUT
5	Overflow Tanks	140	O/C	Y	Y☒ N☐	
6	Rack 1 South Area	145	O/C	Y	Y☒ N☐	
7	Rack 1 West	140	O/C	Y	Y☒ N☐	
8	Rack 1 North Area	145	O/C	Y	Y☒ N☐	
9	Overflow AFFF	0	O/C	Y	Y☒ N☐	
10	Expansion Vessel AFFF	0	O/C	Y	Y☒ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	140	O/C	Y	Y☒ N☐	
2	Transformer Main	135	O/C	Y	Y☒ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	145	O/C	Y	Y☐ N☒	NOT LOCKED

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	145	O/C	Y	Y☒ N☐	
2	Offices	145	O/C	Y	Y☒ N☐	
3	Electrical Room	145	O/C	Y	Y☒ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☒ N☐	O/C	
2	Bearing 3	Y☒ N☐	O/C	
3	Bearing 4	Y☒ N☐	O/C	
4	Bearing 5	Y☒ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☒	O/C	NOT LOCKED
2	MP-200A	Y☐ N☒	O/C	NOT LOCKED
3	MP-200B	Y☒ N☐	O/C	
4	MP-200C	Y☒ N☐	O/C	
5	MP-200D	Y☐ N☒	O/C	NOT LOCKED

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	180	O	Y☒ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 5	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☒ N☐	Transformer repair equipment

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ ✓ Date: 1-28-23 Operator: Caleb

Valve Shed # 1 by Condenser

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	0	✓ O/C	✓	Y ☑ N ☐	
2	SG Unit 2	B1-2	0	✓ O/C	✓	Y ☑ N ☐	
3	Reheaters	B1-3	0	✓ O/C	✓	Y ☑ N ☐	
4	Rack 2 West HTF	B1-4	0	✓ O/C	✓	Y ☑ N ☐	
5	Rack 2 East HTF	B1-5	0	✓ O/C	✓	Y ☑ N ☐	
6	North Steel Pro	B1-6	0	✓ O/C	✓	Y ☑ N ☐	
7	HTF Pumps	B1-7	0	✓ O/C	✓	Y ☑ N ☐	
8	HTF Heaters	B1-8	0	✓ O/C	✓	Y ☑ N ☐	
9	South Steel Pro	B1-9	0	✓ O/C	✓	Y ☑ N ☐	
10	Lube Oil	B1-10	0	✓ O/C	✓	Y ☑ N ☐	
11	Turbine Hose Stations	B1-11	0	✓ O/C	✓	Y ☑ N ☐	
12	Turbine Bearings	B1-12	0	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	V	O/C		Y ☐ N ☐	
2	Ullage Area	B2-2	a	O/C		Y ☐ N ☐	
3	Ullage Structure	B2-11	l	O/C		Y ☐ N ☐	
4	Rack 1 Middle Area	B2-5	v	O/C		Y ☐ N ☐	
5	Overflow Tanks	B2-9	e	O/C		Y ☐ N ☐	
6	Rack 1 South Area	B2-6	d	O/C		Y ☐ N ☐	
7	Rack 1 West	B2-7		O/C		Y ☐ N ☐	
8	Rack 1 North Area	B2-4	O	O/C		Y ☐ N ☐	
9	Overflow AFFF	B2-8	u	O/C		Y ☐ N ☐	
10	Expansion Vessel AFFF	B2-3	t	O/C		Y ☐ N ☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Transformer Aux	25	✓ O/C	✓	Y ☑ N ☐	
2	Transformer Main	25	✓ O/C	✓	Y ☑ N ☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Vlv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	O/C ✓	✓	Y ☑ N ☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Vlv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	0	O/C ✓	✓	Y ☐ N ☑	
2	Offices	B4-3	0	O/C ✓	✓	Y ☐ N ☑	
3	Electrical Room	B4-4	0	O/C ✓	✓	Y ☐ N ☑	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Vlv. Pos.	Comments
1	Bearing 2	Y ☑ N ☐	✓ O/C	
2	Bearing 3	Y ☑ N ☐	✓ O/C	
3	Bearing 4	Y ☑ N ☐	✓ O/C	
4	Bearing 5	Y ☑ N ☐	✓ O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Vlv. Pos.	Comments
1	MP-201	Y ☑ N ☐	✓ O/C	
2	MP-200A	Y ☑ N ☐	✓ O/C	
3	MP-200B	Y ☑ N ☐	✓ O/C	
4	MP-200C	Y ☑ N ☐	✓ O/C	
5	MP-200D	Y ☑ N ☐	✓ O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge		✓ /	Y ☑ N ☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	O/C ✓			
3	West Side Power Block by VS-3 # 9	✓ O/C			
4	West Side Power Block by VS-3 # 10	✓ O/C			
5	West Side Cooling Tower by VS-4 # 11	✓ O/C			
6	West side Cooling Tower by VS-4 # 12	✓ O/C			
7	N.W. Corner Chemical Storage #1	O/C ✓			
8	N.E. Corner Chemical Storage # 2	O/C ✓			
9	East Side W.T. by Multimedia Filters # 3	O/C ✓			
10	East Side W.T. by Multimedia Filters # 5	O/C ✓			
11	North Side Bldg 10 # 6	O/C ✓			
12	Between MP-444's and Water Trmt # 4	O/C ✓			
13	West Side Power Block Valve Shed #1	✓ O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y ☐ N ☑	/

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information			
Plant: Alpha ☑ Beta ☐		Date: 1/22/23	
Operator: PAT		*To be completed each time unit is operated.	
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐			
Jockey Electric Pump			
Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑			
Check the jockey pump on pressure drop. Start up pressure: 155 PSI			
Discharge Pressure: 165 PSI			
Pump Suction Pressure: 18 PSI		Pump Discharge pressure: 167 PSI	
Comments:			
Electric Pump			
Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑			
Start the pump on pressure drop. Start up pressure: 145 PSI			
Start time: 00:39			
Pump Suction Pressure: 18 PSI		Pump Discharge pressure: 148 PSI	
Stop time: 00:49		Total time running 10 min	
Comments:			
Diesel Pump			
Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑			
Fuel level > 2/3: Yes ☐ No ☑ 1/4		Monthly Fuel Consumption:	
Battery volt Crank 26.7	Battery volt Crank 2: 26.7	Battery Condition: good	
Starting hour meter: 120.2		Start time: 1:05	
Oil pressure start: 64 PSI		Oil Pressure finish: 45 PSI	
Pump Suction Pressure: 19 PSI		Pump Discharge pressure: 163 PSI	
Coolant temperature after 30 minutes running: 183 °F after 8 min.			
Stop time: 1:13	Stop hour meter 120.3	Total run time: 8 min	January 1st hour meter 119.8 Total YTD hours: 0.5
Closed discharges for test: Initials PL		Test complete discharges opened: Initials PL	
Comments: Change Air Cooler High Temp Alarm after 8 min Running			
NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED			
Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).			

The [illegible] fire pump engine shall be limited to use for emergency fire suppression defined as [illegible] fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for [illegible] testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing and Maintenance of Water Based Fire Systems" [illegible]. The hours of operation for source testing will not be counted towards [illegible] the allowable annual limits above.

Note: Fuel consumption [illegible] approximately

There is [illegible] limit on engine operation for emergency use (title 17 CCR 93115 [illegible])

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 1-22-23 Operator [illegible]

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	O/C		Y N	
2	SG Unit 2	B1-2	O/C		Y N	
3	Reheaters	B1-4	O/C		Y N	
4	Rack 2 West HTF	B1-4	O/C		Y N	
5	Rack 2 East HTF	B1-5	O/C		Y N	
6	North Steel Pro	B1-6	O/C		Y N	
7	HTF Pumps	B1-7	O/C		Y N	
8	HTF Heaters	B1-8	O/C		Y N	
9	South Steel Pro	B1-9	O/C		Y N	
10	Lube Oil	B1-10	O/C		Y N	
11	Turbine Hose Stations	B1-11	O/C		Y N	
12	Turbine Bearings	B1-12	O/C		Y N	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	O/C		Y N	
2	Ullage Area	B2-2	O/C		Y N	
3	Ullage Structure	B2-3	O/C		Y N	
4	Rack 1 Middle Area	B2-4	O/C		Y N	
5	Overflow Tanks	B2-5	O/C		Y N	
6	Rack 1 South Area	B2-6	O/C		Y N	
7	Rack 1 West	B2-7	O/C		Y N	
8	Rack 1 North Area	B2-8	O/C		Y N	
9	Over flow AFFF	B2-9	O/C		Y N	
10	Expansion Vessel AFFF	B2-10	O/C		Y N	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	30	O/C		Y N	
2	Transformer Main	30	O/C		Y N	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	0	O/C		Y N	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-1	O/C		Y N	
2	Offices	B4-2	O/C		Y N	
3	Electrical Room	B4-3	O/C		Y N	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y N	O/C	
2	Bearing 3	Y N	O/C	
3	Bearing 4	Y N	O/C	
4	Bearing 5	Y N	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-200	Y N	O/C	
2	MP-200A	Y N	O/C	
3	MP-200B	Y N	O/C	
4	MP-200C	Y N	O/C	
5	MP-200D	Y N	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	165	O	Y N	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 12	O/C			
5	West Side Cooling Tower by VS-4 # 11	O/C			
6	West Side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y N/A	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐ Date: 1/15/23

Operator: PAT *To be completed each time unit is operated.

Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 165 PSI

Pump Suction Pressure: 18 PSI Pump Discharge pressure: 162 PSI

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 145 PSI

Start time: 18:54

Pump Suction Pressure: 18 PSI Pump Discharge pressure: 147

Stop time: 19:04 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☑

Fuel level > 2/3: Yes ☐ No ☑ 1/4 Monthly Fuel Consumption:

Battery volt Crank 1: 27.2 Battery volt Crank 2: 27.2 Battery Condition: Good

Starting hour meter: 120.1 Start time: 18:10

Oil pressure start: 61 PSI Oil Pressure finish: 96 PSI

Pump Suction Pressure: 19 PSI Pump Discharge pressure: 162 PSI

Coolant temperature after 30 minutes running: 178°F after 8 minutes

Stop time: 18:18 Stop hour meter: 120.2 Total run time: 8 min January 1st hour meter: 119.8 Total YTD hours: 0.4

Comments: "Charge Air cooler High Temp alarm" NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED Cooling Temp 178°F

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

This new diesel-drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 15 hours per year for initial start-up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25- "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal / h approximately.

There is no limit on engine operation for emergency use. (Title 17 CCR 93115.6(a)(4))

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☒ Date: 1-15-23 Operator: [illegible]

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	✓O/C	✓	Y☒ N☐	
2	SG Unit 2 B1-2	0	✓O/C	✓	Y☒ N☐	
3	Reheaters B1-3	0	✓O/C	✓	Y☒ N☐	
4	Rack 2 West HTF B1-4	0	✓O/C	✓	Y☒ N☐	
5	Rack 2 East HTF B1-5	0	✓O/C	✓	Y☒ N☐	
6	North Steel Pro B1-6	0	✓O/C	✓	Y☒ N☐	
7	HTF Pumps B1-7	0	✓O/C	✓	Y☒ N☐	
8	HTF Heaters B1-8	0	✓O/C	✓	Y☒ N☐	
9	South Steel Pro B1-9	0	✓O/C	✓	Y☒ N☐	
10	Tube OT B1-10	0	✓O/C	✓	Y☒ N☐	
11	Turbine Hose Stations B1-11	0	✓O/C	✓	Y☒ N☐	
12	Turbine Bearings B1-12	0	✓O/C	✓	Y☒ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	V	O/C	✓	Y☒ N☐	
2	Village Area B2-2	9	O/C	✓	Y☒ N☐	
3	Village Structure B2-3	1	O/C	✓	Y☒ N☐	
4	Rack 1 Middle Area B2-5	V	O/C	✓	Y☒ N☐	
5	Overflow Tanks B2-6	C	O/C	✓	Y☒ N☐	
6	Rack 1 South Area B2-6	d	O/C	✓	Y☒ N☐	
7	Rack 1 West B2-7		O/C	✓	Y☒ N☐	
8	Rack 1 North Area B2-8	0	O/C	✓	Y☒ N☐	
9	Over flow AFFF B2-9	5	O/C	✓	Y☒ N☐	
10	Expansion Vessel AFFF B2-10		O/C		Y☒ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	25	✓ O/C	✓	Y☒ N☐	
2	Transformer Main	25	✓ O/C	✓	Y☒ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	✓O/C	✓	Y☒ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B4-1	0	✓O/C	✓	Y☒ N☐	
2	Offices B4-2	0	✓O/C	✓	Y☒ N☐	
3	Electrical Room B4-3	0	✓O/C	✓	Y☒ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☒ N☐	✓O/C	
2	Bearing 3	Y☒ N☐	✓O/C	
3	Bearing 4	Y☒ N☐	✓O/C	
4	Bearing 5	Y☒ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☒ N☐	✓O/C	
2	MP-200A	Y☒ N☐	✓O/C	
3	MP-200B	Y☒ N☐	✓O/C	
4	MP-200C	Y☒ N☐	✓O/C	
5	MP-200D	Y☒ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	160	✓	Y☒ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✗			
2	Maintenance Shop Drive Way #8	O/C ✗			
3	West Side Power Block by VS-3 # 9	✓O/C			
4	West Side Power Block by VS-1 # 10	✓O/C			
5	West Side Cooling Towel by VS-1 # 11	✓O/C			
6	West side Cooling Tower by VS-4 # 12	✓O/C			
7	N.W. Corner Chemical Storage #1	O/C ✗			
8	N.E. Corner Chemical Storage # 2	O/C ✗			
9	East Side W.T. by Multimedia Filters # 3	O/C ✗			
10	East Side W.T. by Multimedia Filters # 5	O/C ✗			
11	North Side Bldg 10 # 6	O/C ✗			
12	Between MP-444's and Water Tank # 4	O/C ✗			
13	West Side Power Block Valve Shed #1	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☒	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☒ BETA: ☐ Date: 1/15/23 Operator: Anthony

Valve Shed # 1 by Condenser

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1		O/C		Y☐ N☐	
2	SG Unit 2	B1-2		O/C		Y☐ N☐	
3	Reheaters	B1-3		O/C		Y☐ N☐	
4	Rack 2 West HTF	B1-4		O/C		Y☐ N☐	
5	Rack 2 East HTF	B1-5		O/C		Y☐ N☐	O/S
6	North Steel Pro	B1-6		O/C		Y☐ N☐	
7	HTF Pumps	B1-7		O/C		Y☐ N☐	
8	HTF Heaters	B1-8		O/C		Y☐ N☐	
9	South Steel Pro	B1-9		O/C		Y☐ N☐	
10	Lube Oil	B1-10		O/C		Y☐ N☐	
11	Turbine Hose Stations	B1-11		O/C		Y☐ N☐	
12	Turbine Bearings	B1-12		O/C		Y☐ N☐	

Valve Shed # 2 by Overflow

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1		O/C		Y☐ N☐	
2	Ullage Area	B2-2		O/C		Y☐ N☐	
3	Ullage Structure	B2-11		O/C		Y☐ N☐	
4	Rack 1 Middle Area	B2-5		O/C		Y☐ N☐	
5	Overflow Tanks	B2-9		O/C		Y☐ N☐	O/S
6	Rack 1 South Area	B2-6		O/C		Y☐ N☐	
7	Rack 1 West	B2-7		O/C		Y☐ N☐	
8	Rack 1 North Area	B2-4		O/C		Y☐ N☐	
9	Over flow AFFF	B2-8		O/C		Y☐ N☐	
10	Expansion Vessel AFFF	B2-3		O/C		Y☐ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	165	✓O/C	✓	Y☒ N☐	
2	Transformer Main	160	✓O/C	✓	Y☒ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	160	✓O/C	✓	Y☒ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System		PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-5	165	✓O/C	✓	Y☒ N☐	
2	Offices	B4-3	165	✓O/C	✓	Y☒ N☐	
3	Electrical Room	B4-4	165	✓O/C	✓	Y☒ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☒ N☐	✓O/C	
2	Bearing 3	Y☒ N☐	✓O/C	
3	Bearing 4	Y☒ N☐	✓O/C	
4	Bearing 5	Y☒ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☒ N☐	✓O/C	
2	MP-200A	Y☐ N☐	✓O/C	
3	MP-200B	Y☒ N☐	✓O/C	
4	MP-200C	Y☒ N☐	✓O/C	
5	MP-200D	Y☒ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	180	open	Y☒ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓			
2	Maintenance Shop Drive Way #8	✓O/C			
3	West Side Power Block by VS-3 # 9	✓O/C			
4	West Side Power Block by VS-1 # 10	O/C ✓			
5	West Side Cooling Tower by VS-4 # 11	✓O/C			
6	West side Cooling Tower by VS-4 # 12	✓O/C			
7	N.W. Corner Chemical Storage #1	O/C ✓			
8	N.E. Corner Chemical Storage # 2	✓O/C			
9	East Side W.T. by Multimedia Filters # 3	✓O/C			
10	East Side W.T. by Multimedia Filters # 5	✓O/C			
11	North Side Bldg 10 # 6	✓O/C			
12	Between MP-444's and Water Treat # 4	O/C ✓			
~~13~~	West Side Power Block Valve Shed #1	~~O/C~~			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	☒	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☒ Beta ☐	Date: 1/7/23
Operator: Anthony	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☒ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 162

Pump Suction Pressure: — Pump Discharge pressure: —

Comments:

Electric Pump

Pre-start Inspection: Electrical Feed ☒ Mechanical ☒ Valves ☒

Start the pump on pressure drop. Start up pressure: 145

Start time: 1810

Pump Suction Pressure: 25 Pump Discharge pressure: 150

Stop time: 1820 Total time running 10 min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☒ Oil ☒ Mechanical ☒ Valves ☒ Water Jacket Heater ☒

Fuel level > 2/3: Yes ☐ No ☒ Monthly Fuel Consumption: —

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: Good
Starting hour meter: 119.8	Start time: 1830
Oil pressure start: 1	Oil Pressure finish: 42

Pump Suction Pressure: 25 Pump Discharge pressure: 150

Coolant temperature after 30 minutes running: 189 @ 21 min

Stop time: 1850 Stop hour meter: 120.1 Total run time: 21 min January 1st hour meter: Total YTD hours: 120.1

Comments: Fault: Charge air cooler & only ran 21 min

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

ha new direct drive fire pump engine shall be limited to use for emergency fire suppression, defined as in response to a fire or due to low fire water pressure. In addition, this engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start up testing and compliance demonstrations. Additionally, this engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 77 gal/h approximately.

There's no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(4)]

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☑ BETA: ☐ Date: 1/6/23 Operator PAT

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1	B1-1	O/C	✓	Y☑ N☐	
2	SG Unit 2	B1-2	O/C	✓	Y☑ N☐	
3	Reheaters	B1-3	O/C	✓	Y☑ N☐	
4	Rack 2 West HTF	B1-4	O/C	✓	Y☑ N☐	
5	Rack 2 East HTF	B1-5	O/C	✓	Y☑ N☐	
6	North Steel Pro	B1-6	O/C	✓	Y☑ N☐	
7	HTF Pumps	B1-7	O/C	✓	Y☑ N☐	
8	HTF Heaters	B1-8	O/C	✓	Y☑ N☐	
9	South Steel Pro	B1-9	O/C	✓	Y☑ N☐	
10	Lube Oil	B1-10	O/C	✓	Y☑ N☐	
11	Turbine Hose Stations	B1-11	O/C	✓	Y☑ N☐	
12	Turbine Bearings	B1-12	O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels	B2-1	O/C	✓	Y☑ N☐	
2	Tillage Area	B2-2	O/C	✓	Y☑ N☐	
3	Tillage Structure	B2-3	O/C	✓	Y☑ N☐	
4	Rack 1 Middle Area	B2-4	O/C	✓	Y☑ N☐	
5	Overflow Tanks	B2-5	O/C	✓	Y☑ N☐	
6	Rack 1 South Area	B2-6	O/C	✓	Y☑ N☐	
7	Rack 1 West	B2-7	O/C	✓	Y☑ N☐	
8	Rack 1 North Area	B2-8	O/C	✓	Y☑ N☐	
9	Over flow AFFF	B2-9	O/C	✓	Y☑ N☐	
10	Expansion Vessel AFFF	B2-10	O/C	✓	Y☑ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux		O/C	✓	Y☑ N☐	
2	Transformer Main	155	O/C	✓	Y☑ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage		Comments
1	Cooling Tower West Side	162	O/C	✓	Y☑ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room	B4-1	154	O/C	✓	Y☑ N☐
2	Offices	B4-3	157	O/C	✓	Y☑ N☐
3	Electrical Room	B4-4	157	O/C	✓	Y☑ N☐

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	O/C	
2	Bearing 3	Y☑ N☐	O/C	
3	Bearing 4	Y☑ N☐	O/C	
4	Bearing 5	Y☑ N☐	O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-201	Y☐ N☑	O/C	
2	MP-200A	Y☐ N☑	O/C	
3	MP-2009	Y☑ N☐	O/C	
4	MP 200C	Y☑ N☐	O/C	
5	MP-200D	Y☐ N☑	O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	182	O	Y☑ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C			
2	Maintenance Shop Drive Way #8	O/C			
3	West Side Power Block by VS-3 # 9	O/C			
4	West Side Power Block by VS-1 # 10	O/C			
5	West Side Cooling Tower by VS 4 # 11	O/C			
6	West side Cooling Tower by VS-4 # 12	O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E Corner Chemical Storage # 2	O/C			
9	East Side W.T. by Multimedia Filters # 3	O/C			
10	East Side W.T. by Multimedia Filters # 5	O/C			
11	North Side Bldg 10 # 6	O/C			
12	Between MP-444's and Water Treat # 4	O/C			
13	West Side Power Block Valve Shed #1	O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Return Drains	Y☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Automated Fire Systems Inspection Checklist

Plant: ALPHA ☐ BETA: ☑ Date: 1-7-22 Operator Caleb.

Valve Shed # 1 by Condenser

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	SG Unit 1 B1-1	0	✓O/C	✓	Y☑ N☐	
2	SG Unit 2 B1-2	0	✓O/C	✓	Y☑ N☐	
3	Reheaters B1-3	0	✓O/C	✓	Y☑ N☐	
4	Rack 2 West HTF B1-4	0	✓O/C	✓	Y☑ N☐	
5	Rack 2 East HTF B1-5	0	✓O/C	✓	Y☑ N☐	
6	North Steel Pro B1-6	0	✓O/C	✓	Y☑ N☐	
7	HTF Pumps B1-7	0	✓O/C	✓	Y☑ N☐	
8	HTF Heaters B1-8	0	✓O/C	✓	Y☑ N☐	
9	South Steel Pro B1-9	0	✓O/C	✓	Y☑ N☐	
10	Lube Oil B1-10	0	✓O/C	✓	Y☑ N☐	
11	Turbine Hose Stations B1-11	0	✓O/C	✓	Y☑ N☐	
12	Turbine Bearings B1-12	0	✓O/C	✓	Y☑ N☐	

Valve Shed # 2 by Overflow

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Expansion Vessels B2-1	✓	O/C		Y☐ N☐	
2	Ullage Area B2-2	a	O/C		Y☐ N☐	
3	Ullage Structure B2-11	L	O/C		Y☐ N☐	
4	Rack 1 Middle Area B2-5	✓	O/C		Y☐ N☐	
5	Overflow Tanks B2-9	e	O/C		Y☐ N☐	
6	Rack 1 South Area B2-6	d	O/C		Y☐ N☐	
7	Rack 1 West B2-7		O/C		Y☐ N☐	
8	Rack 1 North Area B2-8	c	O/C		Y☐ N☐	
9	Over flow AFFF B2-8	g	O/C		Y☐ N☐	
10	Expansion Vessel AFFF B2-3	f	O/C		Y☐ N☐	

Valve Shed # 3 by Bldg 35 GE Electrical Bldg

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Transformer Aux	75	O/C		Y☐ N☐	
2	Transformer Main	75	O/C		Y☐ N☐	

Valve Shed # 4 by Cooling Tower West Side

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Cooling Tower West Side	0	O/C✓	✓	Y☐ N☐	

Valve Shed # 5 by Control Bldg 10

No.	System	PSI	Viv. Pos.	Signage	Locked	Comments
1	Control Room B1-5	0	✓O/C	✓	Y☑ N☐	
2	Offices B1-4	0	✓O/C	✓	Y☑ N☐	
3	Electrical Room B1-1	0	✓O/C	✓	Y☑ N☐	

Turbine Sprinkler Valves (These are to be locked in the open position)

No.	System	Locked	Viv. Pos.	Comments
1	Bearing 2	Y☑ N☐	✓O/C	
2	Bearing 3	Y☑ N☐	✓O/C	
3	Bearing 4	Y☑ N☐	✓O/C	
4	Bearing 5	Y☑ N☐	✓O/C	

HTF Deluge System Valves (To be Locked in the Open Position)

No.	System	Locked	Viv. Pos.	Comments
1	MP-207	Y☑ N☐	✓O/C	
2	MP-200A	Y☑ N☐	✓O/C	
3	MP-200B	Y☑ N☐	✓O/C	
4	MP-200C	Y☑ N☐	✓O/C	
5	MP-200D	Y☑ N☐	✓O/C	

Fire Pump House Deluge System

No.	System	PSI	O/C	Locked	Comments
1	Fire Pump House Deluge	75	✓	Y☐ N☐	

PIV Checks

No.	System	Position	Cycled	Date Cycled	Comments
1	Maintenance Shop Drive Way #7	O/C ✓	✓		
2	Maintenance Shop Drive Way #6	O/C ✓			
3	West Side Power Block by V5-3 # 9	✓O/C			
4	West Side Power Block by V5-1 # 10	✓O/C			
5	West Side Cooling Tower by V5-4 # 11	✓O/C			
6	West side Cooling Tower by V5-4 # 12	✓O/C			
7	N.W. Corner Chemical Storage #1	O/C			
8	N.E. Corner Chemical Storage # 2	O/C ✓			
9	East Side W.T. by Multimedia Filters # 3	O/C ✓			
10	East Side W.T. by Multimedia Filters # 5	O/C ✓			
11	North Side Bldg 10 # 6	O/C ✓			
12	Between MP-444's and Water Treat # 4	O/C ✓			
13	West Side Power Block Valve shed #1	✓O/C			

To Be Cycled First Saturday of Every Month

No.	System	Debris	Comments / Actions
1	Transformer Yard Refuse Check	Y☐ N☑	

Atlantica
Sustainable Infrastructure

Mojave Solar LLC

Fire Pump Weekly Test Log

General Information

Plant: Alpha ☑ Beta ☐	Date: 2-26-23
Operator: Tyrone	*To be completed each time unit is operated.
Reason for running pumps: Weekly test ☑ Maintenance ☐ Emergency ☐	

Jockey Electric Pump

Pre-start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Check the jockey pump on pressure drop. Start up pressure: 155

Discharge Pressure: 165

Pump Suction Pressure: N/A Pump Discharge pressure: 165

Comments:

Electric Pump

Pre start Inspection: Electrical Feed ☑ Mechanical ☑ Valves ☑

Start the pump on pressure drop. Start up pressure: 164

Start time: 2327

Pump Suction Pressure: 5psi - 10psi Pump Discharge pressure: 150psi

Stop time: 2337 Total time running 10min

Comments:

Diesel Pump

Pre-start Inspection: Coolant ☑ Oil ☑ Mechanical ☑ Valves ☑ Water Jacket Heater ☐

Fuel level > 2/3: Yes ☐ No ☐ Y/Y Monthly Fuel Consumption:

Battery volt Crank 1: 26 Battery volt Crank 2: 26	Battery Condition: normal
Starting hour meter: 121.0	Start time: 2340
Oil pressure start: 1	Oil Pressure finish: 52

Pump Suction Pressure: 5psi - 12psi Pump Discharge pressure: 150psi - 160psi

Coolant temperature after 30 minutes running: 179 10min

Stop time: 2352 Stop hour meter: Total run time: 12min January 1st hour meter: 119.8 Total YTD hours:

Comments:

NOTE TESTING FOR NFPA COMPLIANCE ONCE 10 HOURS YTD RUN TIME IS EXCEEDED

Sulfur Concentrations (less than or equal to 0.0015% on a weight per weight basis).

Fire new diesel drive fire pump engine shall be limited to use for emergency fire suppression (defined as in response to a fire or due to low fire water pressure. In addition, the engine shall be operated no more than 30 minutes in any one hour and no more than 10 hours per year for initial start-up testing and compliance demonstrations. Additionally, the engine shall not be operated more than the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 "Standards for the Inspection, Testing, and Maintenance of Water Based Fire Systems" (current edition). The hours of operation for source testing will not be counted towards either of the allowable annual limits above.

Note: Fuel consumption 27 gal/hr approximately.

There is no limit on engine operation for emergency use. [Title 17 CCR 93115.6(a)(3)]