

AUTHORIZATION TO OPERATE (ATO)

**UNDER PDEQ CLASS II/III GENERAL AIR QUALITY PERMIT 6205
For
FUEL BURNING EQUIPMENT (BOILERS, HEATERS, & GENERATORS)**



I. FACILITY INFORMATION:

Business Name: Global Solar Energy
 Facility Name: Global Solar Energy
 Source Location: 8500 S Rita Rd, Tucson, AZ 85747

Permitted Emissions Limits:

Conventional or Criteria Air Pollutant (tons/year)								HAP(s) (tons/year)
PM _{2.5}	PM ₁₀	PM	NO _x	VOC	CO	SO ₂	Lead	Total
< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 0.6	< 10

II. AUTHORIZED EQUIPMENT:

Equipment, operations, and activities for which emissions are allowed by the general permit are as follows:

Section 3 of the Permit – Fossil Fuel Fired Industrial and Commercial Equipment

Equip.No.	Description/ Location	MFR/ Model	Serial Number/ Unique ID	Maximum Rated Capacity	Date of MFR	Date Installed	Allowable Fuels and Annual Limits		Applicability ¹	
							Natural Gas	Fuel Oil	NSPS Subpart Dc	NESHAP Subpart JJJJJ
							(MMcf, hours, CF)	(Gallons, hours, CF)		
3303-004	Boiler	Rite Boiler/450 W	30365	4.5 MMBTU	8/1/2007	2007	NA	NA	No	No
3303-005	Boiler	Rite Boiler/450 W	30364	4.5 MMBTU	8/1/2007	2007	NA	NA	No	No

¹ The Permittee must submit a significant revision to revise the ATO and meet applicable NESHAP subpart JJJJJ work practices (tune-ups), notification, and reporting requirements for applicable boilers that switch to fuel oil use and become subject to Subpart JJJJJ in the oil firing subcategory as defined in 40 CFR 63.11237. The revision will be subject to a 5 day public comment period.

Rupesh Patel, Air Program Manager, PDEQ

ATO #3303	
Issued Date:	January 07, 2020
Effective Date:	January 14, 2020
Expiration Date:	January 4, 2022

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Section 4B – NESHAP for CI & SI RICE (Emergency Designated Engines):

Equip. No.	Description/ Location	MFR/ Model	Serial Number/ Unique ID	Maximum Rated Capacity	Date of MFR	Date Installed	Limitation ¹	Allowable Fuels
3303-001	Generator	Onan/350 DN	B790397788	535 HP	February 1979	1979	100 hours	Diesel
3303-002	Fire Pump	Cummins/NT855F3	11555805	300 HP	September 1989	1989	100 hours	Diesel
3303-003	Fire Pump	Cummins/NT855F3	11555804	300 HP	September 1989	1989	100 hours	Diesel

¹ The run hours are limited to maintenance testing and readiness checks and non-emergency operation in accordance with the federal requirements. There is no limit on hours of operation during true emergencies.

V. OTHER APPLICABLE ATTACHMENTS:

Attachment 1 to the ATO – Fugitive Dust Requirements

Rupesh Patel, Air Program Manager, PDEQ

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