



State of Oregon
 Department of
 Environmental
 Quality

GENERAL AIR CONTAMINANT DISCHARGE PERMIT

Department of Environmental Quality
 Air Quality Program
 811 SW Sixth Avenue Portland, OR 97204-1390
 Telephone: 503-229-5359

This permit is issued in accordance with the provisions of ORS 468A.040 and OAR 340-216-0060

ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY

Signed copy on file at DEQ Headquarters Office

 Lydia Emer, Operations Division Administrator

 Dated

Table 1 Code	Source Description	SIC	NAICS
Part B, 27	Electrical power production, stationary or portable facilities up to 25 megawatts combined generating capacity, powered by reciprocating internal combustion engines, diesel or dual-fuel.	4911	221112

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1.0 PERMIT ASSIGNMENT

1.1 Qualifications

The following conditions must be met in order to qualify for assignment to this General Air Contaminant Discharge Permit (ACDP):

- a. The permittee is performing Electrical Power Production, using stationary or portable facilities with up to 25 megawatts combined capacity, powered by reciprocating internal combustion engines, diesel or dual-fuel, including any other supportive equipment that emits air contaminants of any type. Dual-fuel is a mixture of natural gas and diesel.
- b. For the purpose of this permit, Electrical Power Production means either or both of the following:
 - i. Supplying electrical power to a utility grid at any time; or
 - ii. Producing electrical power for use by the owner or operator at any time other than during loss of utility power.
- c. A Simple or Standard ACDP is not required for the source.
- d. The source is not having ongoing, recurring or serious compliance problems.

1.2 Portable Facility Determination

The EPA considers portable engines to be non-road engines which are exempt from air quality permitting (40 CFR 1068.30). The DEQ, therefore, will exempt non-road engines from ACDP requirements, unless the engine(s) are projected to have annual emissions of 10 or more tons per year of any single criteria pollutant at one location. The following provides information on making a stationary (non-road) engine determination:

- a. If an engine operates in the same location for more than 12 months (can be shorter for seasonal sources), it will not be considered a non-road engine and could be subject to ACDP requirements;
- b. An engine located at a seasonal source is an engine that remains at a seasonal source during the full annual operating period of the source.
- c. A seasonal source is a stationary source that remains in a single location on a permanent basis (i.e., at least two years) and operates at that single location approximately

three months (or more) each year.

- d. While non-road engines are likely to be exempt from DEQ's ACDP requirements, a Notice of Intent to Construct form must be submitted for each engine utilized at a source.

1.3 Assignment DEQ will assign qualifying permittees to this permit that have and maintain a good record of compliance with DEQ's Air Quality regulations and that DEQ determines would be appropriately regulated by a General ACDP. DEQ may rescind assignment if the permittee no longer meets the requirements of OAR 340-216-0060 and the conditions of this permit.

1.4 Permitted Activities The permittee is allowed to discharge air contaminants from processes and activities related to the air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as conditions of this permit are complied with. If there are other emissions activities occurring at the site besides those listed on the cover page of this permit, the permittee may be required to obtain a Simple or Standard ACDP or General ACDP Attachment(s), if applicable.

1.5 Relation to Local Land Use Laws This permit is not valid in Lane County, or at any location where the operation of the permittee's processes, activities, and insignificant activities would be in violation of any local land use or zoning laws. For operations within Lane County, contact the Lane Regional Air Pollution Authority for obtaining any necessary permits at (541) 736-1056. It is the permittee's sole responsibility to obtain local land use approvals as, or where, applicable before operating this facility at any location.

2.0 GENERAL EMISSION STANDARDS AND LIMITS

2.1 Visible Emissions The permittee must comply with the following visible emission limits, as applicable:

- a. Emissions from any air contaminant source must not equal or exceed 20% opacity for a period aggregating more than 3 minutes in any one hour.
- b. In Clackamas, Columbia, Multnomah, or Washington Counties, emissions from any air contaminant source other than fuel burning equipment must not equal or exceed 20% opacity for a period aggregating more than 30 seconds in any one hour.

2.2 Particulate Matter The permittee must comply with the following particulate matter

- Emissions** emission limits, as applicable:
- a. In Clackamas, Columbia, Multnomah, or Washington Counties, particulate matter emissions from fuel burning equipment must not exceed the emission rate shown in Figure 1 of OAR 340-208-0610 as a function of the maximum heat input when burning diesel fuel.
 - b. Particulate matter emissions from any air contaminant source, other than fugitive emission sources, must not exceed 0.1 grain per dry standard cubic foot.
- 2.3 Fugitive Emissions** The permittee must take reasonable precautions at all times to prevent particulate matter from becoming airborne, such as but not limited to:
- a. Treating vehicular traffic areas of the plant site under the control of the permittee, including parking lots and dry work yards.
 - b. Operating all air contaminant-generating processes so that fugitive type dust associated with the operation will be adequately controlled at all times.
 - c. Storing process materials, product or materials collected from air pollution control equipment in a covered container or other method equally effective in preventing the material from becoming airborne during storage and transfer.
- 2.4 Particulate Matter Fallout** The permittee must not cause or permit the emission of any particulate matter larger than 250 microns in size at sufficient duration or quantity, as to create an observable deposition upon the real property of another person. DEQ will verify that the deposition exists and will notify the permittee that the deposition must be controlled.
- 2.5 Nuisance and Odors** The permittee must not allow the emission of odorous or other emissions so as to create nuisance conditions off the permittee's property. Nuisance conditions will be verified by DEQ personnel. The creation of nuisance conditions may, in addition to other action DEQ may take, result in rescinding assignment to the permit and the permittee will be required to obtain a Simple or Standard ACDP, whichever is applicable.
- 2.6 Fuels** The permittee must not use any fuel other than diesel or dual-fuel that contains a mixture of natural gas and diesel.
- 2.7 Fuel Sulfur Content** The permittee must not use diesel fuel containing more than 0.05% sulfur by weight.

3.0 SPECIFIC EMISSION STANDARDS AND LIMITS

- 3.1 Determination of Tier 1, Tier 2 or Tier 3 Generator** The permittee must self-classify their generator facility as Tier 1, Tier 2 or Tier 3. Different operating limits apply to each Tier.
- a. Tier 1. If the engine(s) emit(s) more than 0.016 pounds of NO_x per horsepower-hour (lb NO_x/hp-hr), then it is a Tier 1 facility. **Note: Generators are classified as Tier 1, unless a Source Test conducted in accordance with Part 6.0 of this permit shows that the NO_x emission rate falls into the Tier 2 or Tier 3 range.**
 - b. Tier 2. If the engine(s) emit(s) more than 0.008 lb NO_x/hp-hr, but not more than 0.016 lb NO_x/hp-hr, then it is a Tier 2 facility.
 - c. Tier 3. If the engine(s) emit(s) 0.008 lb NO_x/hp-hr or less, then it is a Tier 3 facility.
 - d. If the permittee operates multiple generators, then the facility will be classified at the lowest Tier that any generator is in. For example, if the permittee operates 2 generators and one is Tier 1 and the other is Tier 2, then the facility will be classified as Tier 1.
- 3.2 Emission Control System Requirements** The permittee must equip all generators used for power production with an exhaust emission control system or systems that are designed and certified by the manufacturer(s) to reduce emissions of Particulate Matter (PM), Carbon Monoxide (CO) and Volatile Organic Compounds (VOC*).
- a. Particulate filters alone do not satisfy this requirement. The control system must be specifically designed to reduce CO and VOC* as well as PM.
 - b. The use of fuel catalysts does not satisfy this requirement, unless the manufacturer or supplier demonstrates to DEQ's satisfaction, through rigorous testing, that the fuel catalyst is at least as effective as exhaust emission control systems in reducing emissions of PM, CO and VOC*.
- * Total Organic Carbon (TOC) or Non-Methane Hydrocarbons (NMHC) may be specified in lieu of VOC.
- 3.3 Maximum hours of operation in any 12-consecutive month period** The maximum hours of operation in any 12-consecutive month period must not exceed the hours specified in Table A provided at the end of this permit.

- 3.4 NESHAP for RICE** Facilities assigned to this General Permit are subject to 40 CFR part 63, subpart ZZZZ. This subpart contains federal standards for hazardous air pollutants from the operation of a Reciprocal Internal Combustion Engine (RICE). There are notification and reporting requirements to be submitted to the EPA.

4.0 OPERATION AND MAINTENANCE REQUIREMENTS

- 4.1 Work Practices** Generators used for power production must be tuned at least once per year. The tune-up must include an inspection of the emissions control system. If the emissions control system is not working properly, it must either be repaired or replaced.
- 4.2 Fugitive Emissions Control Plan** While operating in the Medford-Ashland AQMA, the permittee must prepare and implement site-specific plans for the control of fugitive emissions in accordance with OAR 340-240-0180. While operating in the Lakeview Urban Growth Area (UGA), the permittee must prepare and implement site-specific plans for the control of fugitive emissions in accordance with OAR 340-240-0410.
- 4.3 O&M Plan** While operating in the Medford-Ashland AQMA, the permittee must prepare and implement an operation and maintenance (O&M) plan in accordance with OAR 340-240-0190. While operating in the Lakeview UGA, the permittee must prepare and implement an O&M plan in accordance with OAR 340-240-0420.

5.0 PLANT SITE EMISSION LIMITS

- 5.1 Plant Site Emission Limits (PSEL)** The permittee must not allow plant site emissions to exceed the following:

Pollutant	Limit	Units
PM	24	tons per year
PM ₁₀	14	tons per year
SO ₂	39	tons per year
NO _x	39	tons per year
CO	99	tons per year
VOC	39	tons per year

5.2 PM₁₀ PSEL for Medford-Ashland AQMA

For sources operating in the Medford-Ashland AQMA, the permittee must not allow plant site emissions of PM₁₀ to exceed the following:

Pollutant	Limit	Units
PM ₁₀	4.5	tons per year
	49	pounds per day

5.3 Annual Period

The annual plant site emissions limits apply to any 12-consecutive calendar month period.

6.0 COMPLIANCE DEMONSTRATION

6.1 Testing Requirement

If the permittee wishes to demonstrate that the generator(s) is(are) in Tier 2 or Tier 3, the permittee must conduct a source test on each generator for NO_x emissions using the following test methods and procedures:

- a. Method 7E must be used for measuring NO_x emissions;
- b. The following parameters must be monitored and recorded during the source test:
 - i. visible emissions as measured by EPA Method 9 for a period of at least six minutes during or within 30 minutes before or after each test run;
 - ii. CO and VOC emissions as measured by EPA Methods 10 and 25a, respectively (report VOC as total hydrocarbons on a propane basis);
 - iii. process operating parameters;
 - iv. pollution control device operating parameters, if any.
- c. All tests must be conducted in accordance with DEQ's Source Sampling Manual and with the pretest plan submitted at least 15 days in advance and approved by the DEQ Regional Source Test Coordinator. The permittee must submit test data and results for review to the DEQ Regional Source Test Coordinator within 30 days unless otherwise approved in the pretest plan.
- d. Only regular operating staff may adjust the combustion system or production processes and emission control parameters during the source test and within 2 hours prior to the tests. Any operating adjustments made during the source test, which are a result of consultation during the

tests with source testing personnel, equipment vendors or consultants, may render the source test invalid.

6.2 Monitoring Requirements

The permittee must monitor the operation and maintenance of the plant and associated air contaminant control devices as follows:

- a. Each month, monitor the hours of operation
- b. Each month, calculate the total hours of operation for the preceding 12 months

6.3 Fuel Sulfur Monitoring

The permittee must either obtain a certificate from the vendor stating that the fuel sulfur content complies with the limit in Condition 2.7 or have a sample of the fuel analyzed in accordance with the appropriate ASTM analytical procedures. If the permittee has samples analyzed for sulfur, a sample must be collected from the holding tank just after each shipment of diesel is added to the tank.

7.0 RECORDKEEPING REQUIREMENTS

7.1 Monitoring Requirements

The permittee must monitor and maintain the following records related to the operation and maintenance of the electric power generator(s) and associated air contaminant control devices:

- a. The hours of operation each month of each generator used for power production.
- b. For each month, the total operating hours of each generator for the 12-consecutive month period ending each month.
- c. The results of any emission tests
- d. The sulfur content of each batch of diesel fuel received
- e. Information from equipment manufacturers regarding engine emissions and the efficiency of pollution control equipment. These records must be retained for as long as the generators are used for power production.

7.2 Excess Emissions

The permittee must maintain records of excess emissions as defined in OAR 340-214-0300 through 340-214-0340 (recorded on occurrence). Typically, excess emissions are caused by process upsets, startups, shutdowns, or scheduled maintenance. In many cases, excess emissions are evident when visible emissions are greater than 20% opacity for 3 minutes or more in any 60 minute period.

- 7.3 Complaint Log** The permittee must maintain a log of all written complaints and complaints received via telephone that specifically refer to air pollution concerns associated to the permitted facility. The log must include a record of the permittee's actions to investigate the validity of each complaint and a record of actions taken for complaint resolution.
- 7.4 Retention of Records** Unless otherwise specified, all records must be maintained on site for a period of two (2) years and made available to DEQ upon request.

8.0 REPORTING REQUIREMENTS

- 8.1 Excess Emissions** The permittee must notify DEQ by telephone or in person of any excess emissions which are of a nature that could endanger public health.
- a. The permittee must provide such notice as soon as possible, but never more than one hour after becoming aware of the problem. Notice must be made to the regional office identified in Condition 9.3.
 - b. If the excess emissions occur during non-business hours, the permittee must notify DEQ by calling the Oregon Emergency Response System (OERS). The current number is 1-800-452-0311.
 - c. The permittee must also submit follow-up reports when required by DEQ.
- 8.2 Annual Report** The permittee must submit to DEQ by **February 15** of each year this permit is in effect, (2) copies of the following information for the preceding calendar year:
- a. Operating parameters:
 - i. Monthly total operating hours of each generator.
 - ii. For each month, the total operating hours of each generator for the 12-consecutive month period ending each month.
 - iii. The Tier level of the generator(s)
 - b. Records of all planned and unplanned excess emissions events.
 - c. Summary of complaints relating to air quality received by permittee during the year.
 - d. List permanent changes made in plant process, production

levels, and pollution control equipment which affected air contaminant emissions.

- e. List major maintenance performed on pollution control equipment.
- f. List the current plant site contact. Provide name, title, phone number and email address.
- g. All reports and certifications submitted to DEQ under Divisions 200 to 264 must accurately reflect the monitoring, record keeping and other documentation held or performed by the owner or operator.

- 8.3 RICE Reporting Requirements to EPA** The permittee must provide DEQ with a copy of all notifications and reports required by 40 CFR part 63, subpart ZZZZ.
- 8.4 Initial Startup Notice** The permittee must notify DEQ in writing of the date a new facility is started up. The notification must be submitted no later than seven (7) days after startup.
- 8.5 Engine Replacement Notice** The permittee must not replace an engine at the facility without first receiving DEQ approval from the appropriate regional office. For engine replacement, the notification must include the identification of the engine being replaced and the replacement engine. The notification must include make, model number, serial number, horsepower, and tier of both engines.
- 8.6 Relocation Notice** The permittee must not install or operate the facility or any portion of the facility at any new site without first providing written notice to the Permit Coordinator in the appropriate regional office. The written notice must include the date of the proposed move, approximate dates of operation, a detailed map showing access to the new site, and a description of the air pollution controls and procedures to be installed, operated, and practiced at the new site. Additional permits may be required if the permittee operates individual components of the facility at more than one site at a time.
- 8.7 Notice of Change of Ownership or Company Name** The permittee must notify DEQ in writing using a DEQ "Permit Application Form" within 60 days after the following:
 - a. Legal change of the name of the company as registered with the Corporations Division of the State of Oregon; or
 - b. Sale or exchange of the activity or facility.

- 8.8 Construction or Modification Notices** The permittee must notify DEQ in writing using a DEQ “Notice of Construction Form,” or “Permit Application Form,” and obtain approval in accordance with OAR 340-210-0205 through 340-210-0250 before:
- a. Constructing or installing any new source of air contaminant emissions, including air pollution control equipment;
 - b. Modifying or altering an existing source that may significantly affect the emission of air contaminants;
 - c. Making any physical change which increases emissions; or
 - d. Changing the method of operation, the process, or the fuel use, or increasing the normal hours of operation that result in increased emissions.
- 8.9 Where to Send Reports and Notices** Except in Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington Counties, reports and notices, with the permit number prominently displayed, must be sent to the Permit Coordinator for the region where the source is located as identified in Condition 9.2. In Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington Counties, reports and notices, with the permit number prominently displayed, must be sent to the Gresham Office as identified in Condition 9.3.

9.0 ADMINISTRATIVE REQUIREMENTS

- 9.1 Reassignment to the General ACDP** A complete application for reassignment to this permit is due within 60 days after the permit is reissued. DEQ will notify the permittee when the permit is reissued. The application must be sent to the appropriate regional office.
- a. If DEQ is delinquent in renewing the permit, the existing permit will remain in effect and the permittee must comply with the conditions of the permit until such time that the permit is reissued and the source is reassigned to the permit.
 - b. The permittee may submit an application for either a Simple or Standard ACDP at any time, but the permittee must continue to comply with the General ACDP until DEQ takes final action on the Simple or Standard ACDP application.
 - c. If a complete application for reassignment to the General ACDP or Simple or Standard ACDP is filed with DEQ in a timely manner, the permit will not be deemed to expire

until final action has been taken on the application.

9.2 Permit Coordinator Addresses

All reports, notices, and applications should be directed to the Permit Coordinator (or for portable sources, reports must be sent to the DEQ regional office located nearest to the company’s office of record) for the area where the source is located. The Permit Coordinator addresses are as follows:

Counties	Permit Coordinator Address and Telephone
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington	Department of Environmental Quality Northwest Region 700 NE Multnomah Street, Suite 600 Portland, OR 97232 Telephone: (503) 229-5582
Benton, Coos, Curry, Douglas, Jackson, Josephine, Lincoln, Linn, Marion, Polk, and Yamhill	Department of Environmental Quality Western Region 4026 Fairview Industrial Drive Salem, OR 97302 Telephone: (503) 378-8240 ext. 225
Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco, Wheeler	Department of Environmental Quality Eastern Region 475 NE Bellevue, Suite 110 Bend, OR 97701 Telephone: (541) 388-6146 ext. 223

9.3 DEQ Contacts

Information about air quality permits and DEQ’s regulations may be obtained from the DEQ web page:

<http://www.oregon.gov/DEQ/AQ/>.

All inquiries about this permit should be directed to the regional office for the area where the source is located. DEQ’s regional offices are as follows:

Counties	Office Address and Telephone
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington	Department of Environmental Quality Northwest Region 700 NE Multnomah Street, Suite 600 Portland, OR 97232 Telephone: (503) 229-5263
Benton, Lincoln, Linn, Marion, Polk, and Yamhill	Department of Environmental Quality Salem Office 4026 Fairview Industrial Drive Salem, OR 97302 Telephone: (503) 378-8240
Coos, Curry, and Western Douglas	Department of Environmental Quality Coos Bay Office 381 N Second Street Coos Bay, OR 97420 Telephone: (541) 269-2721
Eastern Douglas, Jackson, and Josephine	Department of Environmental Quality Medford Office 221 Stewart Avenue, Suite 201 Medford, OR 97501 Telephone: (541) 776-6010
Crook, Deschutes, Harney, Hood River, Jefferson, Sherman, Wasco, and Wheeler	Department of Environmental Quality Bend Office 475 NE Bellevue, Suite 110 Bend, OR 97701 Telephone: (541) 388-6146
Baker, Gilliam, Grant, Malheur, Morrow, Umatilla, Union, and Wallowa	Department of Environmental Quality Pendleton Office 800 SE Emigrant Avenue, Suite 330 Pendleton, OR 97801 Telephone: (541) 276-4063
Klamath and Lake	Department of Environmental Quality Klamath Falls Office 317 South 7 th Street, Suite 231 Klamath Falls, OR 97601 Telephone: (541) 273-7002

10.0 FEES

10.1 Annual Compliance Fee

The Annual Compliance Determination Fee specified in OAR 340-216-0090, Table 2, Part 2(c) for a Class Two General ACDP is due on **December 1** of each year this permit is in effect. An invoice indicating the amount, as determined by DEQ regulations, will be mailed prior to the above date.

- 10.2 Change of Ownership or Company Name Fee** The non-technical permit modification fee specified in OAR 340-216-0090, Table 2, Part 3(a) is due with an application for changing the ownership or the name of the company of a source assigned to this permit.
- 10.3 Where to Submit Fees** Fees must be submitted to:
Department of Environmental Quality
Business Office
811 SW Sixth Avenue
Portland, Oregon 97204-1390

11.0 GENERAL CONDITIONS AND DISCLAIMERS

- 11.1 Other Regulations** In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by DEQ.
- 11.2 Conflicting Conditions** In any instance in which there is an apparent conflict relative to conditions in this permit, the most stringent conditions apply.
- 11.3 Masking of Emissions** The permittee must not cause or permit the installation of any device or use any means designed to mask the emissions of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement.
- 11.4 DEQ Access** The permittee must allow DEQ's representatives access to the plant site and pertinent records at all reasonable times for the purposes of performing inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emissions discharge records and conducting all necessary functions related to this permit in accordance with ORS 468-095.
- 11.5 Permit Availability** The permittee must have a copy of the permit available at the facility at all times.
- 11.6 Open Burning** The permittee may not conduct any open burning except as allowed by OAR 340 Division 264.
- 11.7 Asbestos** The permittee must comply with the asbestos abatement requirements in OAR 340, Division 248 for all activities involving asbestos-containing materials, including, but not limit to, demolition, renovation, repair, construction, and maintenance.
- 11.8 Property Rights** The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
- 11.9 Modification or Revocation** The Commission may modify or revoke this permit pursuant to OAR 340-216-0060(3) and (4).

12.0 ABBREVIATIONS, ACRONYMS, AND DEFINITIONS

ACDP	Air Contaminant Discharge Permit		Standard
ASTM	American Society for Testing and Materials	NSR	New Source Review
AQMA	Air Quality Maintenance Area	O ₂	oxygen
calendar year	The 12-month period beginning January 1st and ending December 31st	OAR	Oregon Administrative Rules
CFR	Code of Federal Regulations	ORS	Oregon Revised Statutes
CO	carbon monoxide	O&M	operation and maintenance
DEQ	Oregon Department of Environmental Quality	Pb	lead
dscf	dry standard cubic foot	PCD	pollution control device
EPA	US Environmental Protection Agency	PM	particulate matter
FCAA	Federal Clean Air Act	PM ₁₀	particulate matter less than 10 microns in size
gal	gallon(s)	ppm	part per million
gr/dscf	grains per dry standard cubic foot	PSD	Prevention of Significant Deterioration
HAP	Hazardous Air Pollutant as defined by OAR 340-244-0040	PSEL	Plant Site Emission Limit
ID	identification number	PTE	Potential to Emit
I&M	inspection and maintenance	RACT	Reasonably Available Control Technology
lb	pound(s)	scf	standard cubic foot
MMBtu	million British thermal units	SER	Significant Emission Rate
NA	not applicable	SIC	Standard Industrial Code
NESHAP	National Emissions Standards for Hazardous Air Pollutants	SIP	State Implementation Plan
NO _x	nitrogen oxides	SO ₂	sulfur dioxide
NSPS	New Source Performance	Special Control Area	as defined in OAR 340-204-0070
		VE	visible emissions
		VOC	volatile organic compound
		year	A period consisting of any 12-consecutive calendar months

13.0 TABLE A: MAXIMUM ALLOWED HOURS OF OPERATION

13.1 How to use this table:

- a. If the power producing facility has only 1 generator: Find the number in the first column that is equal to the maximum capacity of the generator; if the exact capacity is not listed, select the next higher number. Then move across the table to the second, third or fourth column, depending on which Tier the generator is in, to find the maximum allowed hours of operation. The total hours of operation in any 12-consecutive month period may not exceed the number of hours listed.

Example: The facility has 1 generator, Tier 2, rated at 3.65 MW. In the first column, go down to 3.75 (since 3.65 is not listed, use the next higher number, 3.75). Now move across to the Tier 2 column, and find 867. The generator may be operated no more than 867 hours in any 12-consecutive month period.

- b. If the power producing facility has 2 or more generators: Find the number in the first column that is equal to the maximum combined capacity of all generators; if the exact capacity is not listed, select the next higher number. Then move across the table to the second, third or fourth column, depending on which Tier the generators are in, to find the maximum allowed hours of operation. This limit applies to each generator. The total hours of operation of each generator in any 12-consecutive month period may not exceed the number of hours listed.

Example: The facility has 2 generators, both Tier 2, rated at 2.25 MW and 1.4 MW. The combined capacity is $2.25 + 1.4 = 3.65$ MW. In the first column, go down to 3.75 (since 3.65 is not listed, use the next higher number, 3.75). Now move across to the Tier 2 column, and find 867. Each generator may be operated no more than 867 hours in any 12-consecutive month period.

13.2 Table A – Maximum Combined Capacity all Generators

Maximum facility capacity rating, in megawatts	Tier 1	Tier 2	Tier 3
	Maximum hours of operation per year	Maximum hours of operation per year	Maximum hours of operation per year
0.50	3586	6500	No limit
0.75	2391	4333	8667
1.00	1793	3250	6500
1.25	1434	2600	5200
1.50	1195	2167	4333
1.75	1025	1857	3714
2.00	897	1625	3250
2.25	797	1444	2889
2.50	717	1300	2600
2.75	652	1182	2364
3.00	598	1083	2167
3.25	552	1000	2000
3.50	512	929	1857
3.75	478	867	1733
4.00	448	813	1625
4.25	422	765	1529
4.50	398	722	1444
4.75	377	684	1368
5.00	359	650	1300
6.0	299	542	1083
7.0	256	464	929
8.0	224	406	813
9.0	199	361	722
10.0	179	325	650
11.0	163	295	591
12.0	149	271	542
13.0	138	250	500
14.0	128	232	464
15.0	120	217	433
16.0	112	203	406
17.0	105	191	382
18.0	100	181	361
19.0	94	171	342
20.0	90	163	325
21.0	85	155	310
22.0	82	148	295
23.0	78	141	283
24.0	75	135	271
25.0	72	130	260

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AQGP-018, power generators-