



west virginia department of environmental protection

Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: (304) 926-0475 • FAX: (304) 926-0479

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

December 07, 2015

CERTIFIED MAIL

91 7199 9991 7035 6665 8349

Donald C. Supcoe  
500 Corporate Landing  
Charleston WV 25311

RE: Energy Corporation of America  
Yawkey-Freeman Station  
Permit Application G35-A119  
Plant ID No. 005-00084

Dear Mr. Supcoe:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G35-A119 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

The source is not subject to 45CSR30.

In accordance with 45CSR22 - Air Quality Management Fee Program, the permittee shall not operate nor cause to operate the permitted facility or other associated facilities on the same or contiguous sites comprising the plant without first obtaining and having in current effect a Certificate to Operate (CTO). Such Certificate to Operate (CTO) shall be renewed annually, shall be maintained on the premises for which the Certificate has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.  
Permit Engineer

c: Brian Schmidt

*West Virginia Department of Environmental Protection*  
Earl Ray Tomblin  
Governor

*Division of Air Quality*

Randy C. Huffman  
Cabinet Secretary

## Class II General Permit G35-A Registration to Modify



for the  
Prevention and Control of Air Pollution in regard to the  
Construction, Modification, Relocation, Administrative Update and  
Operation of Natural Gas Compressor Stations  
With Glycol Dehydration Units, Flares, or Other Specified Control Devices Herein

*The permittee identified at the facility listed below is authorized to  
construct the stationary sources of air pollutants identified herein in accordance  
with all terms and conditions of General Permit G35-A.*

**G35-A119**

Issued to:  
**Energy Corporation of America**  
Yawkey-Freeman Station  
005-00084

A handwritten signature in blue ink, appearing to read "William F. Durham".

*William F. Durham*  
Director

*Effective: December 07, 2015*

This permitting action supersedes and replaces G30-A086A

Facility Location: Madison, Boone County, West Virginia  
Mailing Address: 500 Corporate Landing, Charleston, WV 25301  
Facility Description: Natural Gas Compression and Dehydration Station  
SIC Codes: 1311  
UTM Coordinates: 419.752 km Easting • 4204.910 km Northing • Zone 17  
Registration Type: Modification  
Description of Change: This action is to replace the existing NG compressor engine, add two (2) storage tanks and reduce the throughput for the facility from 10 MMscf/day to 5 MMscf/day.

Subject to 40CFR60 Subpart IIII? No

Subject to 40CFR60 Subpart JJJJ? Yes

*Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [ §§ 22B-1-1 et seq. ], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.*

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*The source is not subject to 45CSR30.*

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**All registered facilities under Class II General Permit G35-A are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.**

The following sections of Class II General Permit G35-A apply to the registrant:

- |            |   |                                     |
|------------|---|-------------------------------------|
| Section 5  | Reciprocating Internal Combustion Engines (R.I.C.E.)  | <input checked="" type="checkbox"/> |
| Section 6  | Boilers, Reboilers, and Line Heaters  | <input checked="" type="checkbox"/> |
| Section 7  | Tanks   | <input checked="" type="checkbox"/> |
| Section 8  | Emergency Generators  | <input type="checkbox"/>            |
| Section 9  | Dehydration Units Not Subject to MACT Standards   | <input checked="" type="checkbox"/> |
| Section 10 | Dehydration Units Not Subject to MACT Standards and being controlled by a flare control device  | <input type="checkbox"/>            |
| Section 11 | Dehydration Units Not Subject to MACT Standards being controlled by recycling the dehydration unit back to the flame zone of the reboiler | <input type="checkbox"/>            |
| Section 12 | Dehydration Units Not Subject to MACT Standards and being controlled by a thermal oxidizer  | <input checked="" type="checkbox"/> |
| Section 13 | Permit Exemption (Less than 1 ton/year of benzene exemption)  | <input checked="" type="checkbox"/> |
| Section 14 | Permit Exemption (40CFR63 Subpart HH – Annual average flow of gas exemption (3 mmscf/day))  | <input type="checkbox"/>            |
| Section 15 | Permit Exemption (40CFR63 Subpart HHH – Annual average flow of gas exemption (10 mmscf/day))  | <input checked="" type="checkbox"/> |
| Section 16 | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)                                 | <input checked="" type="checkbox"/> |

**Emission Units**

<b>Emission Unit ID</b>	<b>Emission Unit Description (Make, Model, Serial No.)</b>	<b>Year Installed</b>	<b>Design Capacity</b>
CE-1	Caterpillar 3516 ULB	2015	1,380 bhp / 1,400 rpm
RBV-1	Reboiler Vent	2005	175,000 Btu/hr
RSV-1	Glycol Regenerator Still Vent	2005	5 MMscf/day
THOX-1	Thermal Oxidizer Burner	2006	175,000 Btu/hr
T-01	Water/Oil Condensate Tank	2015	8,820 gallons
T-02	Water/Oil Condensate Tank	2015	8,820 gallons
T-03	Lube Oil & Condensate Tank	2005	4,200 gallons

**Emission Limitations**

<b>Source</b>	<b>CO</b>	<b>NO<sub>x</sub></b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>VOCs</b>	<b>HAPs</b>
Caterpillar 3516 ULB (CE-1)	2.610	13.326	0.429	0.026	2.786	1.064
RBV-1	0.051	0.061	0.005	0.0004	1.816	--
RSV-1 (with THOX-1)	1.77	0.387	0.034	0.003	2.610	0.905
Water/Oil Condensate Tank (T-01)	--	--	--	--	0.397	--
Water/Oil Condensate Tank (T-02)	--	--	--	--	0.397	--
Lube/Oil Condensate Tank (T-03)	--	--	--	--	0.342	--
Truck Loading (LL-01)	--	--	--	--	1.017	--
<b>Facility-Wide Totals →</b>	<b>4.431</b>	<b>13.774</b>	<b>0.468</b>	<b>0.0294</b>	<b>9.365</b>	<b>1.969</b>