



NRO-113-13

COMMONWEALTH of VIRGINIA

Douglas W. Domenech
Secretary of Natural Resources

DEPARTMENT OF ENVIRONMENTAL QUALITY
NORTHERN REGIONAL OFFICE
13901 Crown Court, Woodbridge, Virginia 22193-1453
(703) 583-3800 Fax (703) 583-3821
www.deq.virginia.gov

David K. Paylor
Director

Thomas A. Faha
Regional Director

May 31, 2013

Mr. John A. Andrews
Green Energy Partners / Stonewall, LLC
39100 East Colonial Highway
Hamilton, Virginia 20158

Location: Loudoun County
Registration Number: 73826

Dear Mr. Andrews:

Attached is a minor amendment to your PSD/Non-Attainment New Source Review permit to construct and operate an electric power generation facility in accordance with the provisions of the Virginia State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. This permit amendment reflects the new facility design (reduction in CT/HRSG stack height from 140 feet to 130 feet above grade) as presented in the permit application dated May 10, 2013. This change is reflected on Page 1 (Signature page) and Page 2 of the permit ("Introduction" section) and are the only affected pages of the permit issued April 30, 2013. Please replace Pages 1 and 2 of the permit issued April 30, 2013, with the attached.

In the course of evaluating the application and arriving at a final decision to approve the project, the Department of Environmental Quality (DEQ) deemed the application complete on May 23, 2013. Public participation was not required for this minor amendment under 9 VAC 5-80-1170, 9 VAC 5-80-1945 and 9 VAC 5-80-2220.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to construct and operate shall not relieve Green Energy Partners / Stonewall, LLC of the responsibility to comply with all other local, state, and federal permit regulations.

Please note that any engine-generator set constructed on or after April 1, 2006 may be an affected facility under 40 CFR 60, New Source Performance Standard (NSPS) Subpart IIII (Stationary Compression Ignition Internal Combustion Engine). Also, any engine-generator set on site, regardless of the date constructed, may be subject to 40 CFR 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (MACT) Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines). Consequently, the proposed units may be subject to owner/operator requirements of the MACT and NSPS and would need to comply with certain federal emission standards and operating limitations over their useful life. The

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DEQ advises you, as the owner/operator of any affected unit, to review the NSPS and MACT to ensure compliance with applicable emission standards, operational limitations, and the monitoring, notification, reporting and recordkeeping requirements. Applicable notifications shall be sent to the EPA, Region III. Both the NSPS and MACT can be found at www.ecfr.gov.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. 9 VAC 5-170-200 provides that you may request direct consideration of the decision by the Board if the Director of the DEQ made the decision. Please consult the relevant regulations for additional requirements for such requests.

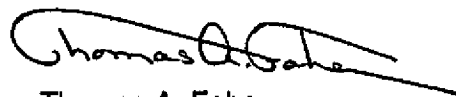
As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact the regional office at (703) 583-3800.

Sincerely,



Thomas A. Faha
Regional Director

TAF/JBL/TMV/73826PSD.docx

Attachment: Amended April 30, 2013 PSD/NANSR Permit Pages 1 and 2

cc: Director, OAPP (electronic file submission)
Manager, Data Analysis (electronic file submission)
Chief, Office of Air Enforcement and Compliance Assistance, U.S. EPA, Region III
(electronic file submission)
Manager, Air Compliance



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PREVENTION OF SIGNIFICANT DETERIORATION PERMIT NON-ATTAINMENT NEW SOURCE REVIEW PERMIT STATIONARY SOURCE PERMIT TO CONSTRUCT AND OPERATE

This permit includes designated equipment subject to New Source Performance Standards (NSPS).

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Green Energy Partners / Stonewall, LLC
P.O. Box 660
Hamilton, Virginia 20158
Registration Number: 73826
Plant ID No. 51-107-01019

is authorized to construct and operate:

An electric power generation facility

located at:

20077 Gant Lane
Leesburg, VA 20175 (Loudoun County)
(approximately 4 miles south/south east of
Leesburg & north of Dulles Toll Road (SR 267)
39.058° N Latitude, 77.545° W Longitude

in accordance with the conditions of this permit

Approved on: April 30, 2013 and amended on May 31, 2013

A handwritten signature in black ink, appearing to read "Thomas A. Faha".

Thomas A. Faha
Regional Director

Permit consists of 37 pages
Permit Conditions 1 to 83.
Source Testing Report Format

INTRODUCTION

This permit approval is based on the permit application dated July 19, 2012, with additional information submitted on August 16, 2012, and the modeling analysis and revised application which were both submitted on October 5, 2012, November 15, 2012, and May 10, 2013. Any changes in the permit application specifications, or any existing facilities which alter the impact of the facility on air quality, may require a permit. Failure to obtain such a permit prior to construction may result in enforcement action. In addition, this facility may be subject to additional applicable requirements not listed in this permit.

Words or terms used in this permit shall have meanings as provided in 9 VAC 5-80-1110, 9 VAC 5-80-2010, and 9 VAC 5-10-20 of the Commonwealth of Virginia State Air Pollution Control Board's (Board's) Regulations (Regulations) for the Control and Abatement of Air Pollution. The regulatory reference or authority for each condition is listed in parentheses () after each condition.

Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate a prompt response by the permittee to requests by the Department of Environmental Quality (DEQ) or the Board for information to include, as appropriate: process and production data; changes in control equipment; and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact.

The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, §§ 2.2-3700 through 2.2-3714 of the Code of Virginia, § 10.1-1314 (addressing information provided to the Board) of the Code of Virginia, and 9 VAC 5-170-60 of the Board's Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information.

PROCESS REQUIREMENTS

1. Equipment List

Equipment to be constructed at this facility consists of:

- Two (2) combined-cycle electric power generating units (Ref. No. CCT1 & CCT2) where each unit includes the following emission units:
 - One (1) General Electric natural gas-fired combustion turbine (CT) generator, Model GE 7FA.05, rated at 2,230 million Btu per hour heat input (Ref. No. CT1 & CT2) with inlet evaporative coolers (NSPS Subpart KKKK) and,
 - One (1) 650 million Btu per hour duct fired (Ref. No. DB1 & DB2) heat recovery steam generator (HRSG) that provides steam to a common steam turbine generator (NSPS Subpart KKKK).
- OR
- One (1) Siemens natural gas-fired combustion turbine (CT) generator, Model SGT6-5000F5, rated at 2,260 million Btu per hour heat input (Ref. No. CT1 & CT2) with