



STATE OF WASHINGTON

ENERGY FACILITY SITE EVALUATION COUNCIL

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**Chehalis Generating Facility
Chehalis, WA:**

Issuance of Draft Title V Permit

Issuance of Draft NOC/PSD Permit Amendment

**Notice of Public Comment Opportunity and
Public Hearing – June 13, 2006**

Permit Numbers: Title V: EFSEC/06-01-AOP
NOC/PSD: EFSEC/95-02 AMENDMENT 2

Applicant: Chehalis Power Generating LP
1813 Bishop Road
Chehalis, WA 98532

Actions: Title V Permit: The Energy Facility Site Evaluation Council (EFSEC) is issuing a draft Title V Air Operating Permit (AOP) for the Chehalis Generating Facility (CGF). The CGF is required to obtain an AOP because: 1) it has the potential to emit more than 100 tons per year of sulfur dioxide, nitrogen oxides, particulate matter less than 10 microns, and carbon monoxide, all of which are criteria air pollutants listed under the Federal Clean Air Act; and 2) because it is an affected source under Title IV (Acid Deposition Control) of the federal Clean Air Act.

NOC/PSD Permit Amendment: EFSEC is issuing a draft amendment to the CGF Notice of Construction/Prevention of Significant Deterioration (NOC/PSD) permit. The amendment modifies the way opacity is routinely monitored, and changes the startup and shutdown provisions. The amendment does not change the emission limits or averaging times, and no physical changes to the existing facility are proposed.

Facility Description: The CGF is a combined-cycle electrical generation facility that began commercial operation in June 2003. Power is generated by two GE model 7FAe+ combustion turbines operated in combined cycle mode with a single steam turbine. The primary fuel source is natural gas; however, if gas is unavailable, the facility is also permitted to combust low sulfur diesel fuel. The facility can produce 520 MW of electrical power. An air-cooled condenser system is used instead of a wet cooling tower system to minimize water consumption. The combustion turbines are the only fired

equipment at the facility. No duct burners, emergency generators, emergency fire pumps, or auxiliary boilers have been installed at this facility.

Pollutant Discharge: Estimated emissions of criteria and hazardous air pollutants (HAPs) to the ambient air are as follows:

<u>Pollutant</u>	<u>Potential Emissions (tons/year)</u>
PM ₁₀	152
CO	129
NO _x	241
SO ₂	164
VOC	65
Sulfuric Acid Mist	30
Ammonia	226

Project Impact: Title V Permit: This action does not change existing permit limits already established in the CGF's federally enforceable NOC/PSD Permit. All applicable requirements for the CGF have been compiled in this draft Air Operating Permit - EFSEC/06-01-AOP.

NOC/PSD Permit Amendment: Impact analyses conducted in support of the original permit application indicated that, when in operation, the Project will have no significant adverse impact on air quality. There will be no increases or decreases in ambient concentrations of pollutants emitted by this facility due to this proposed amendment.

The amended approval and Project will continue to satisfy Washington state and federal permitting requirements by using BACT for all pollutants. All requirements for PSD and New Source Review are satisfied, and if the draft permit amendment were approved, the emission units would comply with all applicable federal and Washington state new source performance standards, in accordance with the provisions of Chapters 463-78, 173-400, and 173-460 of the Washington Administrative Code (WAC) and the Code of Federal Regulations (CFR), 40 CFR Parts 52.21 and 60. Allowable emissions from the CGF, in conjunction with all other applicable emission increases or reductions (including secondary emissions) would not cause or contribute to violation of any ambient air quality standard or any applicable maximum allowable increase over the baseline concentration in any area.

There would be no significant impacts resulting from pollutant deposition on soils and vegetation in Class I areas. It is very unlikely that the proposed emissions would cause significant degradation of regional visibility or impairment of visibility in any Class I area. The CGF is unlikely to have a significant impact on vegetation, soil, and aquatic resources in Class I or Class II.

Additional Information: Copies of the draft permits and associated support documents are available upon request from Irina Makarow at (360) 956-2047 or by e-mail at irinam@cted.wa.gov . For more information, or if you have special accommodation needs, please contact Ms. Makarow.

The full text of the original permit applications, draft permits and associated support documents are also available for public inspection at the following locations:

<p>Washington Energy Facility Site Evaluation Council 925 Plum Street SE, Building 4 P.O. Box 43172 Olympia, WA 98504-3172</p>	<p>8:00 a.m. to 5:00 p.m. weekdays Phone (360) 956-2121.</p>
<p>Washington State Department of Ecology 300 Desmond Drive Lacey, Washington.</p>	<p>By appointment: 8:00 a.m. to 4:30 p.m. weekdays Please contact Bob Burmark at (360) 407-6812.</p>
<p>Southwest Clean Air Agency 11815 NE 99th Street, Suite 1294 Vancouver, Washington 98682-2454</p>	<p>By appointment: 7:00 a.m. to 5:30 p.m. weekdays Please contact Clint Lamoreaux at (360) 574-3058 extension 31.</p>
<p>Chehalis Timberland Library 76 N.E. Park Street Chehalis, WA 98532-0419 Phone (360) 748-3301</p>	<p>In electronic format on the internet: The EFSEC web site at http://www.efsec.wa.gov</p>

How to Comment: Please address all written comments to:

Allen Fiksdal, EFSEC, 925 Plum Street SE, Building 4, P.O. Box 43172, Olympia, WA 98504-3172, or by e-mail to: efsec@cted.wa.gov.

To be considered, comments must be received in the EFSEC office by 5:00 p.m. June 13, 2006.

All persons, including the applicant, who believe these approvals or any condition of the proposed approvals are inappropriate must raise all reasonably ascertainable issues and submit all reasonably available arguments supporting their position in writing by the end of the comment period. Any supporting materials which are submitted shall be included in full and may not be incorporated by reference, unless they are already part of the administrative record for this proposed approval or are generally available reference material.

Public Hearing: A public hearing on this matter will be held on **Tuesday, June 13, 2006, beginning at 1:30 p.m.**, at the following location: WSU Cooperative Extension Building 4, Conference Room 308, 925 Plum Street S.E., Olympia, WA 98501.

Comment Response & Permit Issuance: Title V Permit: EFSEC will examine all information received and issues raised during the comment period. Following this review, EFSEC may modify the permit to address concerns raised during the comment period. The proposed Title V permit will then be forwarded to EPA for final review prior to issuance.

NOC/PSD Permit: A final determination on this PSD permit amendment approval will not be made until after the end of the 30-day public comment period, and all comments received pursuant to this notice have been considered. Once the final determination is made, a copy of the Council's decision regarding the proposed amendment will be filed for review at the locations above. Within 30 calendar days after the final decision has been issued, any person who commented on the draft NOC/PSD approval may petition the EPA Administrator, under 40 CFR 124.19, to review any condition of the decision. Any person who failed to file comments or failed to participate in the public hearing on the draft may petition for administrative review only to the extent of the changes from the draft to the final approved decision.

Notice Prepared: April 10, 2006

By: Allen J. Fiksdal, EFSEC Manager
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