October 30, 2009

Mr. James Luce, Chair
Energy Facility Site Evaluation Council
925 Plum Street SE, Building 4
Olympia, Washington 98504-3172

RE: Satsop Combustion Turbine Project
Submittal of Request for Amendment to Site Certification Agreement

Dear Chair Luce:

With this letter, Grays Harbor Energy LLC, the holder of the Site Certification Agreement (SCA) for the Satsop Combustion Turbine (CT) Project, is requesting an amendment to the SCA. The amendment request includes the following:

1. Changing the name of the project from the Satsop CT Project to the Grays Harbor Energy Center
2. Allowing for the addition of two combustion turbine generators and one steam generator (referred to as Units 3 and 4) to increase the facility capacity by approximately 650 MW to a total of approximately 1,300 MW
3. Enlarging the project site by 10 acres to allow space for construction laydown and access
4. Approval of a PSD permit for Units 3 and 4 (existing PSD permit would remain in place for Units 1 and 2)
5. Increasing the total maximum water usage from existing 9.2 cfs to 16 cfs – no new water authorizations are requested; the additional water would be either purchased or leased from the holder of an existing water right or authorization, such as the Grays Harbor Public Development Authority or the City of Aberdeen.

As proposed, the additional facilities will be located entirely within the boundaries of the existing 22-acre site. The additional 10-acres would be used for construction laydown and access, and would become a permanent part of the project site boundary.

With this amendment request, we have also included a red-line of the existing SCA showing the proposed text revisions.
Submittal

As requested by Allen Fiksdal, we are submitting 30 copies of the amendment request in hard copy and 20 copies in electronic format on CDs.

We would appreciate the opportunity to meet with you and Council staff to provide additional information and to discuss the amendment consideration schedule. We would also like to make a brief presentation to the Council on the project at your November 10 meeting.

Designation of Agent

All official communications concerning this application during the application review process should be directed to Mr. Brett Oakleaf, for Grays Harbor Energy LLC. He is the designated agent for the project and may be contacted as cited below:

Mr. Brett Oakleaf  
Director, Business Development  
Invenergy LLC  
2580 W. Main Street, #200  
Littleton, CO 80120  
Tel: 303-730-3285  
Cel: 303-888-3605  
Fax: 303-797-5491  
Email: boakleaf@invenergyllc.com

Mr. Steven Bonsma, Invenergy, will serve as a secondary contact. Mr. Bonsma’s contact information is as follows:

Mr. Steven Bonsma, Asset Manager  
Invenergy LLC  
One South Wacker Drive, Suite 1900  
Chicago, IL 60606  
Tel: 312-582-1538  
Fax: 312-224-1444  
Email: sbonsma@invenergyllc.com

Local contact is Mr. Todd Gatewood, Plant Manager for Grays Harbor Energy. Mr. Gatewood’s contact information is as follows:
Mr. James Luce  
EFSEC  
October 30, 2009  
Page 3  

Mr. Todd Gatewood, Plant Manager, Grays Harbor Energy  
401 Keys Road  
Elma, Washington 98541  
Tel: 360-482-4353  
Mailing Address:  
P. O. Box 26  
Elma, Washington 98583  

Thank you for your consideration of our request.  

Sincerely,  

Grays Harbor Energy LLC  

[Signature]  

Mr. Brett Oakleaf  
Director, Business Development  
Invenergy LLC
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APPENDIX B ACOUSTICAL TERMINOLOGY AND CONCEPTS USED IN NOISE MODELING
### Abbreviations and Acronyms

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<tr>
<td>ACC</td>
<td>air-cooled direct condenser</td>
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<tr>
<td>ADTV</td>
<td>average daily traffic volumes</td>
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<td>air quality impact assessment</td>
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<tr>
<td>cfs</td>
<td>cubic feet per second</td>
</tr>
<tr>
<td>CO</td>
<td>carbon monoxide</td>
</tr>
<tr>
<td>CRGNSA</td>
<td>Columbia River Gorge National Scenic Area</td>
</tr>
<tr>
<td>CSZ</td>
<td>Cascadia Subduction Zone</td>
</tr>
<tr>
<td>CT</td>
<td>combustion turbine</td>
</tr>
<tr>
<td>CTG</td>
<td>combustion turbine generator</td>
</tr>
<tr>
<td>D/FD</td>
<td>Duke/Fluor-Daniel</td>
</tr>
<tr>
<td>DLN</td>
<td>dry low-NOx</td>
</tr>
<tr>
<td>dB(A)</td>
<td>A-weighted decibel</td>
</tr>
<tr>
<td>DNR</td>
<td>Washington State Department of Natural Resources</td>
</tr>
<tr>
<td>DWI</td>
<td>driving while impaired</td>
</tr>
<tr>
<td>Ecology</td>
<td>Washington State Department of Ecology</td>
</tr>
<tr>
<td>EDNA</td>
<td>environmental designation for noise abatement</td>
</tr>
<tr>
<td>EFSEC</td>
<td>Energy Facility Site Evaluation Council</td>
</tr>
<tr>
<td>EIS</td>
<td>environmental impact statement</td>
</tr>
<tr>
<td>EPA</td>
<td>U.S. Environmental Protection Agency</td>
</tr>
<tr>
<td>EPC</td>
<td>engineering, procurement, and construction</td>
</tr>
<tr>
<td>ESA</td>
<td>Endangered Species Act</td>
</tr>
<tr>
<td>F</td>
<td>Fahrenheit</td>
</tr>
<tr>
<td>FAA</td>
<td>Federal Aviation Administration</td>
</tr>
<tr>
<td>FEMA</td>
<td>Federal Emergency Management Agency</td>
</tr>
<tr>
<td>FGR</td>
<td>flue gas recirculation</td>
</tr>
<tr>
<td>FIRE</td>
<td>Factor Information Retrieval</td>
</tr>
<tr>
<td>FITR</td>
<td>fuel injection timing retard</td>
</tr>
<tr>
<td>FLM</td>
<td>federal land manager</td>
</tr>
<tr>
<td>FPD</td>
<td>Fire Prevention District</td>
</tr>
<tr>
<td>FSAR</td>
<td>Final Safety Analysis Report</td>
</tr>
<tr>
<td>g</td>
<td>gravity</td>
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<tr>
<td>GE</td>
<td>General Electric</td>
</tr>
<tr>
<td>Acronym</td>
<td>Definition</td>
</tr>
<tr>
<td>---------</td>
<td>------------</td>
</tr>
<tr>
<td>GEP</td>
<td>good engineering practice</td>
</tr>
<tr>
<td>gpm</td>
<td>gallons per minute</td>
</tr>
<tr>
<td>HAL</td>
<td>high-accident location</td>
</tr>
<tr>
<td>HCM</td>
<td>Highway Capacity Manual</td>
</tr>
<tr>
<td>HCS</td>
<td>highway capacity software</td>
</tr>
<tr>
<td>HRSG</td>
<td>heat recovery steam generator</td>
</tr>
<tr>
<td>IES</td>
<td>Illuminating Engineering Society</td>
</tr>
<tr>
<td>IWQAM</td>
<td>Interagency Workgroup on Air Quality Modeling</td>
</tr>
<tr>
<td>K</td>
<td>erodibility factor</td>
</tr>
<tr>
<td>kJ</td>
<td>kilojoule</td>
</tr>
<tr>
<td>kW-hr</td>
<td>kilowatt-hour</td>
</tr>
<tr>
<td>km</td>
<td>kilometer</td>
</tr>
<tr>
<td>kV</td>
<td>kilovolt</td>
</tr>
<tr>
<td>LAER</td>
<td>lowest achievable emission rate</td>
</tr>
<tr>
<td>LCCD</td>
<td>Lewis County Conservation District</td>
</tr>
<tr>
<td>L_\text{eq}</td>
<td>equivalent sound measure</td>
</tr>
<tr>
<td>LOS</td>
<td>level of service</td>
</tr>
<tr>
<td>M</td>
<td>magnitude</td>
</tr>
<tr>
<td>MCE</td>
<td>maximum credible earthquake</td>
</tr>
<tr>
<td>MHHW</td>
<td>mean higher high water</td>
</tr>
<tr>
<td>MM5</td>
<td>Mesoscale Model</td>
</tr>
<tr>
<td>MMBtu</td>
<td>million British thermal units</td>
</tr>
<tr>
<td>MSDS</td>
<td>Material Safety Data Sheet</td>
</tr>
<tr>
<td>MSL</td>
<td>mean sea level</td>
</tr>
<tr>
<td>MV</td>
<td>megavolt</td>
</tr>
<tr>
<td>MVA</td>
<td>megavolt (average)</td>
</tr>
<tr>
<td>MW</td>
<td>megawatt</td>
</tr>
<tr>
<td>NAAQS</td>
<td>National Ambient Air Quality Standards</td>
</tr>
<tr>
<td>NDE</td>
<td>non-destructive examination</td>
</tr>
<tr>
<td>NEPA</td>
<td>National Environmental Policy Act</td>
</tr>
<tr>
<td>NFPA</td>
<td>National Fire Protection Association</td>
</tr>
<tr>
<td>NMFS</td>
<td>National Marine Fisheries Service</td>
</tr>
<tr>
<td>NOC</td>
<td>Notice of Construction</td>
</tr>
<tr>
<td>NPS</td>
<td>National Park Service</td>
</tr>
<tr>
<td>NPSH</td>
<td>net positive suction head</td>
</tr>
<tr>
<td>NSPS</td>
<td>New Source Performance Standard</td>
</tr>
<tr>
<td>NSR</td>
<td>New Source Review</td>
</tr>
<tr>
<td>NWPC</td>
<td>Northwest Pipeline Company</td>
</tr>
<tr>
<td>NWS</td>
<td>Northwest Weather Service</td>
</tr>
<tr>
<td>OAPCA</td>
<td>Olympic Air Pollution Control Agency</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Definition</td>
</tr>
<tr>
<td>--------------</td>
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</tr>
<tr>
<td>PAC</td>
<td>parallel condensing (wet/dry) cooling</td>
</tr>
<tr>
<td>PDA</td>
<td>Public Development Authority</td>
</tr>
<tr>
<td>PGA</td>
<td>peak ground acceleration</td>
</tr>
<tr>
<td>PGU</td>
<td>power generation unit</td>
</tr>
<tr>
<td>PHS</td>
<td>Priority Habitat and Species</td>
</tr>
<tr>
<td>PM</td>
<td>particulate matter</td>
</tr>
<tr>
<td>PMF</td>
<td>probable maximum flood</td>
</tr>
<tr>
<td>ppb</td>
<td>parts per billion</td>
</tr>
<tr>
<td>ppm</td>
<td>parts per million</td>
</tr>
<tr>
<td>ppmvd</td>
<td>parts per million by volume, dry</td>
</tr>
<tr>
<td>PSD</td>
<td>Prevention of Significant Deterioration</td>
</tr>
<tr>
<td>psig</td>
<td>pounds per square inch gauge</td>
</tr>
<tr>
<td>PUD</td>
<td>Public Utility District</td>
</tr>
<tr>
<td>PWHT</td>
<td>post-weld heat treatment</td>
</tr>
<tr>
<td>QA/QC</td>
<td>quality assurance/quality control</td>
</tr>
<tr>
<td>RACT</td>
<td>reasonably achievable control technology</td>
</tr>
<tr>
<td>RBLIC</td>
<td>RACT/BACT/LAER Clearinghouse</td>
</tr>
<tr>
<td>RCP</td>
<td>resource contingency program</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>RCW</td>
<td>Revised Code of Washington</td>
</tr>
<tr>
<td>RH</td>
<td>relative humidity</td>
</tr>
<tr>
<td>ROW</td>
<td>right-of-way</td>
</tr>
<tr>
<td>SCA</td>
<td>Site Certification Agreement</td>
</tr>
<tr>
<td>SCR</td>
<td>selective catalytic reduction</td>
</tr>
<tr>
<td>SIC</td>
<td>Standard Industrial Classification</td>
</tr>
<tr>
<td>SIL</td>
<td>significant impact level</td>
</tr>
<tr>
<td>SNCR</td>
<td>selective non-catalytic reduction</td>
</tr>
<tr>
<td>SOC</td>
<td>Species of Concern</td>
</tr>
<tr>
<td>SPCC</td>
<td>Spill Prevention Control and Countermeasures</td>
</tr>
<tr>
<td>SQER</td>
<td>small quantity emission rate</td>
</tr>
<tr>
<td>SR 12</td>
<td>State Route 12</td>
</tr>
<tr>
<td>SSC</td>
<td>steam surface condenser</td>
</tr>
<tr>
<td>STG</td>
<td>steam turbine generator</td>
</tr>
<tr>
<td>SWPPP</td>
<td>Stormwater Pollution Prevention Plan</td>
</tr>
<tr>
<td>TAP</td>
<td>toxic air pollutant</td>
</tr>
<tr>
<td>T-BACT</td>
<td>best available control technology for toxics</td>
</tr>
<tr>
<td>TDML</td>
<td>total maximum daily load</td>
</tr>
<tr>
<td>TEFC</td>
<td>totally enclosed fan-cooled</td>
</tr>
<tr>
<td>UBC</td>
<td>Uniform Building Code</td>
</tr>
<tr>
<td>USFS</td>
<td>U.S. Forest Service</td>
</tr>
<tr>
<td>USFWS</td>
<td>U.S. Fish and Wildlife Service</td>
</tr>
<tr>
<td>USGS</td>
<td>U.S. Geological Survey</td>
</tr>
<tr>
<td>UW</td>
<td>University of Washington</td>
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</table>
ABBREVIATIONS AND ACRONYMS (Continued)

V          volt
VFITR      variable fuel injection timing retard
WAAQS      Washington Ambient Air Quality Standards
WAC        Washington Administrative Code
WARIS      Washington Rivers Information System
WNP-3      Washington Nuclear Project Unit 3
WNP-5      Washington Nuclear Project Unit 5
WPPSS      Washington Public Power Supply System
WRIA       Water Resources Inventory Area
WSDOT      Washington State Department of Transportation