

August 2005

Energy Northwest

# IGCC NEWS

An update on Integrated Gasification Combined Cycle Power plant development efforts.

## Energy Northwest board votes to pursue IGCC project

Energy Northwest's Board of Directors voted July 28, 2005 to pursue permitting and possible construction of an Integrated Gasification Combined Cycle power plant in western Washington.

The proposal calls for a 600-megawatt power plant, designed to operate on a "synthesis gas" with regulated emissions similar to a natural gas plant.

The board members cast a total of 18 votes; 13 yes, 4 no, and 1 abstain. Tacoma Public Utilities and the City of Richland were not present for the vote. A simple majority of the votes was required to approve the resolution.

According to Project Manager Tom Krueger, the next major step in the effort is to complete negotiations on an appropriate industrial site for the plant. "We have studied several sites, and a few have the necessary characteristics, including access to the western Washington power grid. We've narrowed our list to two sites, one primary and one alternate. I expect site negotiations will take another 30 to 60 days, followed by a 14-18 month process of securing a site permit from Washington's Energy Facility Site Evaluation Council," Krueger said.

Dan Porter, head of Energy Northwest's generation project development said, "Energy Northwest is a strong proponent of conservation and renewable energy sources. Even so, we don't believe those preferred options alone will be sufficient to meet future demand for electricity."

Porter noted that, "As a public power agency we are charged with providing economically and environmentally responsible options to our members. This [IGCC] project has the potential to let us use abundant domestic coal supplies and other fuels to produce large quantities of electricity in an environmentally responsible manner. We also have a strong desire to help move carbon dioxide capture and sequestration from the research world to commercial application. Our close alliance with the Big Sky Carbon Sequestration Partnership (BSCSP) – which is pursuing such a program - is evidence of that commitment."

Energy Northwest's current IGCC proposal includes features that ready the plant for the capture and sequestration of carbon dioxide if and when it becomes commercially feasible. The BSCSP includes other partners, such as Pacific Northwest National Labs, who are actively working on processes to safely and permanently sequester captured CO<sub>2</sub>. One initiative seeks to store CO<sub>2</sub> in underground geologic formations common to the Pacific Northwest.

## IGCC informational meeting slated for Aug. 12 in Richland

Energy Northwest's IGCC project team will host an informational meeting at the public power agency's headquarters in Richland, Wash., on Friday, August 12. The meeting is slated to run from 10 a.m. to 3 p.m. in the Walkley Room.

The meeting will feature an update on the project's status by Tom Krueger, project manager, followed by discussions on project governance and the participants group. Energy Northwest sales & marketing manager Sandi Edgemon said the meeting is an opportunity for interested parties to learn what the project has to offer public and private utilities, and energy companies throughout the region. "Our first meeting in May laid out the basic concepts. This meeting will provide important information on when and how interested participants may be able to reserve a share of the project for their organizations," she said.

A similar meeting in May of this year attracted a cross section of public and private power organizations from Washington, Oregon, and Idaho. The recent vote and authorization to proceed from Energy Northwest's Board of Directors is expected to bolster participation in the August 12 meeting.

A working lunch will be provided and attendees are asked to please rsvp to 509-377-4379. Information on participation in the IGCC project is available from Barry Bush at 509-377-4035.

## IGCC page added to Energy Northwest web site

A new page on the Integrated Gasification Combined Cycle project has been added to Energy Northwest's website. The page address is: <http://www.energy-northwest.com/gen/igcc/igcc.html>. Suggestions for new or improved content may be emailed to Danica Reis at [dmreis@energy-northwest.com](mailto:dmreis@energy-northwest.com).

IGCC News is provided by Energy Northwest Corporate Communications. It is distributed monthly to share IGCC developments. Requests for information, and newsletter comments are always welcome at 509-377-8247 or [lbpeck@energy-northwest.com](mailto:lbpeck@energy-northwest.com)