

**MEHC - PacifiCorp
Integrated Gasification Combined Cycle Working Group**

**Thursday, March 27, 2008
9:00 am – 11:30 am (Pacific Time)
10:00 am – 12:30 pm (Mountain Time)**

Meeting Summary

California	Not represented
Idaho	Joe Leckie (IPUC),
Oregon	Lowrey Brown (CUB), Robert Straughn (ODOE), Steve Weiss (NW Energy Coalition)
Utah	Sam Liu (DPU), Carol Revelt (UT-PSC), Charles Peterson (DPU), Regg Olsen (Utah DAQ), Ron Daniels (Utah Energy Policy), Betsy Wolf (SLCAP), Kelly Francone (UAE), Becky Wilson (UT-PSC), Brad Adams (Reaction Engineering); Kevin Whitty (Univ. of Utah), Adel Sarofim (Reaction Engineering/Univ. of Utah), Jason Barry (SEP)
Wyoming	Bryce Freeman (WY-OCA)
PacifiCorp	Salt Lake City: Ian Andrews, Greg Betenson, James Campbell, Jim Lacey Portland: Mike Liljenwall, Terri Ikeda
Phone-In	Terri Carlock (Idaho PUC), Cheryl Murray (Utah CCS), Mike Rowley (CATF)

Summary of Presentations

This was the eighth and final meeting of the PacifiCorp IGCC Working Group. The meeting was held in Salt Lake City and video-linked with PacifiCorp's Portland office. A number of individuals also participated via phone. The meeting agenda and presentations were posted on the PacifiCorp IGCC Working Group site (<http://www.pacificorp.com/Article/Article66610.html>) on March 26, 2008.

Presentations were made on the following topics:

1. Post-Combustion Carbon Dioxide Capture and Oxy-firing, Greg Betenson
2. Update on IGCC Projects in United States, Jim Lacey
3. Update on the Wyoming Infrastructure Authority-PacifiCorp Jim Bridger IGCC Project, Ian Andrews
4. Carbon Sequestration Update, James Campbell

The first presentation was on post-combustion CO₂ capture and oxy-firing. Greg provided a brief overview of the primary technologies that are being evaluated and those companies that are spearheading that development effort. The presentation also included status updates of the existing pilot scale and demonstration projects.

The second presentation made by Jim Lacey was on the status of IGCC projects in the United States. A brief overview of the major IGCC projects that have been in development over the past 2-4 years was made. Over the past year many of these projects have been cancelled or have been deferred. Reasons for their cancellation include rising capital costs and concerns about regulatory recovery, inability to secure power purchase agreements, and permitting obstacles.

In the third presentation, a summary of the results of PacifiCorp's Jim Bridger IGCC feasibility study was made. This study effort was unique as it addressed performance and cost issues associated with high altitude, low rank coals which included high levels of CO₂ capture.

The final presentation was a summary on recent legislation that had been passed in Utah and Wyoming on carbon dioxide sequestration.

Feedback

The status update on the various IGCC projects was well received. The request was made that it would helpful if more information could be provided into the reasons that the projects were cancelled or postponed. Reasons may include regulatory policy, financial, technical, legal issues or combination of these at a high level.

Future Meetings

It was indicated that since the interest in IGCC technology has waned and that the overall focus of the group had shifted to include carbon dioxide capture and storage that further technical and commercial updates on IGCC and oxy-fuel/carbon capture technologies would be made during upcoming meetings of the PacifiCorp Climate Change Working Group. As a result this would be the final meeting of the PacifiCorp IGCC Working Group.