

Generating Resources Advisory Committee

February 27, 2014

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Northwest Power and Conservation Council

Combined Cycle Combustion Turbines,
Simple Cycle Combustion Turbines, and
Reciprocating Engines

Agenda

9:00 am	Welcome & Introductions	Review Agenda	Role of GRAC	Upcoming Symposium	
9:15 am	Natural Gas Peaking Technologies	Technology Trends	Proposed reference plant	Capital and O&M Cost Estimates	
10:15 am	Reciprocating Engine Technologies	John Robbins of Wartsila North America Inc			
11:15 am	Break				
11:30 am	Natural Gas Combined Cycle Technologies	Review	Capacity Factors	Costing, Economies of Scale, Normalizations	Reference Plants
12:30 pm	Discussion of Next GRAC Meetings	Follow up to Single Cycle Technologies and Reciprocating Engines	Preliminary Resource Evaluation - Wind	Upcoming Resources – Energy Storage, Modular Nuclear	

Role of GRAC

- Advisory committee established to assist in development of Council's Power Plans
- Two year charter, filed May 2012
- GRAC serves in advisory capacity
 - No votes are taken
 - Role is to review information, vet assumptions and information, and make recommendations to the Council
- Aim for active participation and exchange of ideas and information

Charter – Update

- Council to make a decision to adopt new advisory committee charters in March, including GRAC charter
 - Two year charter
 - Similar to last charter, with added provision for membership changes
- Time for GRAC to renew its membership

Gas-Fired Power Plant Characteristics

6th Power Plan

