

**Pre- Draft 2008  
All Source Request for Proposal  
Bidders and Stakeholders**

**February 1, 2008**



**Pacific Power | Rocky Mountain Power | PacifiCorp Energy**

## Agenda

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- Regulatory schedule
- Timeline and Schedule
- Pre-Bid Issuance Objectives
- Resource need
- Overview of the design of 2008 All Source RFP
- Questions



## 2008 All Source RFP – Tentative Schedule

Event	Anticipated Date
RFP issued	May 2008
RFP bid conference	May 2008
Responses due	July 2008
Evaluation complete	August 2008
Oregon Commission acknowledgement of final shortlist <sup>1</sup>	November 2008
Bidder negotiation	December 2008
PacifiCorp decision	January 2009
Utah Public Service Commission approval proceeding (180 days)	May 2009
<sup>1</sup> The Oregon Commission may acknowledge the final shortlist. <i>See Oregon Order No. 06-446 Guideline 13.</i>	
<sup>2</sup> Updated avoided costs filing by state will be made to the extent required by law or regulatory order.	

## Pre Bid-Issuance Objectives

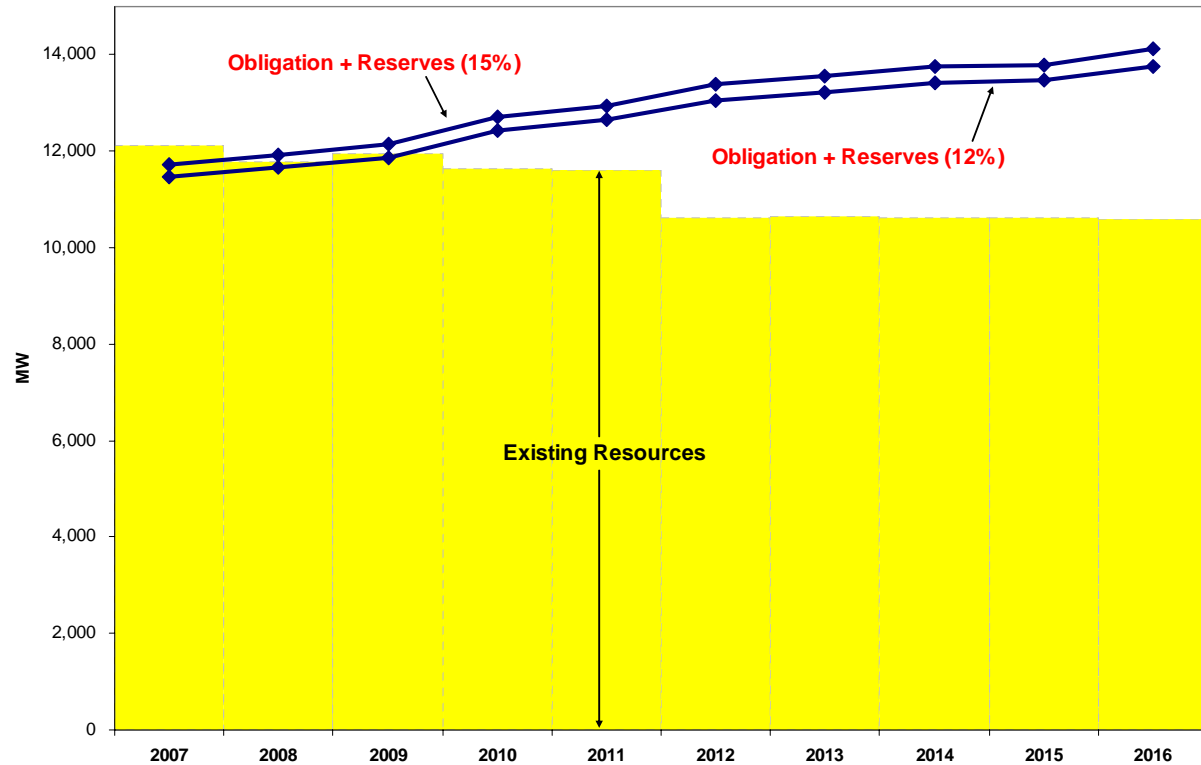
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- PacifiCorp pre-issuance Bidders' and stakeholder workshop
- Objective
  - Pre- issuance Bidder and Stakeholder conference is to be held prior to filing the draft 2008 All Source RFP with the commissions.
  - Question and answers made at the pre- issuance Bidder's conference will be posted on the company web site at <http://www.pacificorp.com/Article/Article62879.html>
  - The workshop will go over the following
    - » the RFP process
    - » timeline for stakeholders and the Commission to review the draft Solicitation
    - » opportunities for providing input, including sending comments and/or questions to the Independent Evaluator; and the company.
- ▶ No later than the date of filing of the proposed Solicitation,
  - a notice to potential bidders regarding the timeline to provide comments and other input regarding the draft Solicitation.
- ▶ Stakeholder and Bidder Conference will also be held after the Draft RFP is filed with the Commissions.

# PacifiCorp Capacity Balance

## Planning challenge

Capacity shortfall of 800 – 1,100 MW beginning in 2010; 3,200 – 3,500 MW by 2016

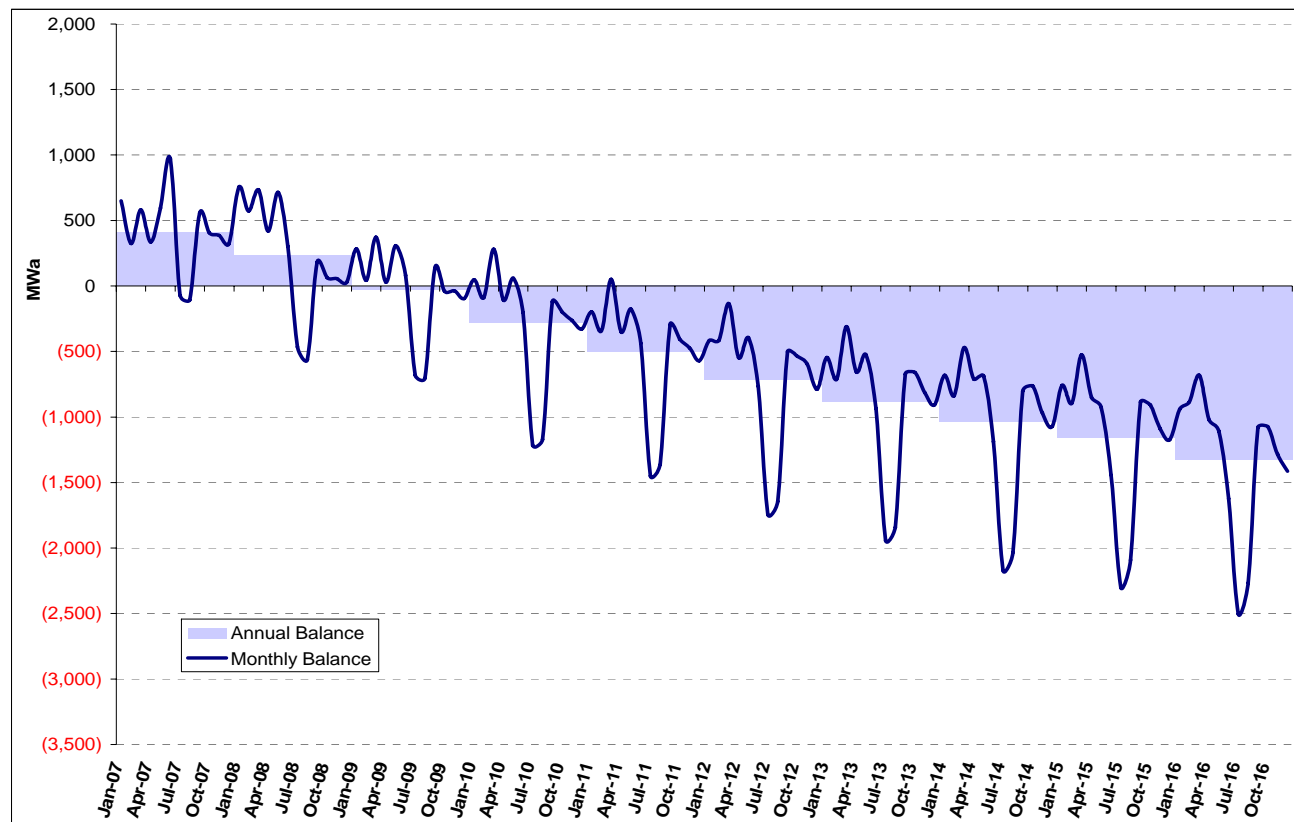


12% System Position (MW)	665	113	73	(791)	(1,038)	(2,446)	(2,563)	(2,794)	(2,842)	(3,171)
15% System Position (MW)	415	(147)	(188)	(1,073)	(1,327)	(2,768)	(2,890)	(3,126)	(3,176)	(3,513)



# PacifiCorp Energy Balance

- Chart shows annual and monthly average energy
- On an average annual energy basis, the system becomes deficient beginning in 2009



## Independent Evaluators (IEs)

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- The 2008 All Source Request for Proposal (RFP) will have two IE's
  - ▶ The Oregon IE - Boston Pacific and Accion
  - ▶ The Utah IE - Merrimack Energy
- Merrimack, Boston Pacific and Accion will provide a web site in order to manage the overall Q&A process and maintain all documentation, amendments and or announcements after the Draft RFP is filed on February 15, 2008.
- All questions prior to February 15, 2008 should be directed to the Company through the following email [Supply.RFP@PacifiCorp.com](mailto:Supply.RFP@PacifiCorp.com)
- All 2008 RFP material and updates will be located on PacifiCorp web site under: <http://www.pacificorp.com/Article/Article62879.html>

## Overview of the 2008 All Source

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### – Overview

- ▶ RFQ – prequalification on credit, capability and experience
  - Commitment letters will not be required until 20 business days after a bidder is selected on the final shortlist
- ▶ All Resources in the 2012 RFP **must** be a minimum of 100 MW and for a term not less than 5 years except for the two exceptions
  - QF- 10MW
  - Load curtailment – 25MW
- ▶ Bidder Fees – to be established
- ▶ Up to 2,000 MW resources from 2012 through 2016
  - includes all types of resource diversity except for intermittent resources and coal
- ▶ Unit contingent or scheduled energy delivered into or in the western or eastern PacifiCorp control areas
- ▶ Company will not have a benchmark but will be submitting a company self build proposal
- ▶ Three separate bid Category according to Heat Rates
  1. Base Load 6,500 - 8,870
  2. Intermediate Load 8,870-11,500
  3. Summer Peak - Q3 purchasesJuly-September HE0700 through HE 2300, excluding NERC holidays.

## Overview of Resource Alternative structures

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- The Company will consider bids that meet either Base Load Resource, Intermediate Load or Summer Peak resource requirements that take the form of one of the following Resource Alternatives structures:
  - ▶ (1) Power Purchase Agreement (may include geothermal and biomass);
  - ▶ (2) Tolling Service Agreement;
  - ▶ (3) Asset Purchase and Sale Agreement (PacifiCorp site and PacifiCorp's specifications);
  - ▶ (4) Asset Purchase and Sale Agreement (Bidder site);
  - ▶ (5) purchase of an existing facility;
  - ▶ (6) purchase of a portion of a facility jointly owned or operated by the Company;
  - ▶ (7) restructuring of an existing Power Purchase Agreement or Exchange Agreement;
  - ▶ (8) Exceptions which include (a) Load Curtailment or (b) Qualifying Facilities. Descriptions of each of these Resource Alternatives are set out below.

# Evaluation Overview

## – Evaluation will be completed in a four step process:

### ▶ Step 1: Initial Short List Analysis

- By Resource Category, an initial short list will be determined based on Price and Non-Price factors.

## – Consistent with Integrated Resource Planning:

### ▶ Step 2: Portfolio Development/Optimization

- Using the initial short list and the company's benchmark resources, Global Energy Decision's Capacity Expansion Module (CEM) will be used to develop optimized portfolios under various assumptions for future emission costs and market prices.

### ▶ Step 3a: Stochastic Analysis

- Global Energy Decision's Planning and Risk (PaR) model will be used in stochastic mode to develop expected PVRR and PVRR risk measures for each optimized portfolio.

### ▶ Step 3b: Deterministic Scenario Analysis

- To evaluate scenario risk, CEM will be used to calculate the deterministic results of each optimized portfolio for each of the future scenarios used in Step 2.

## – Step 4: Final Selection

- Consistent with Utah Energy Resource Procurement Act and Oregon Guideline 10(d)

## – Analysis Conclusion:

- ▶ The resources in the highest performing (least cost, adjusted for risk) portfolio will advance to contract negotiations.