



**2006 Integrated Resource Plan
Public Meeting #1
Process, Scope & Schedule**

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Overview

- **Seattle City Light**
 - 100 years old
 - Nation's 7th largest publicly owned electric utility
 - 370,500 customers (2004)
 - Average rate 6.39 cents/kWh

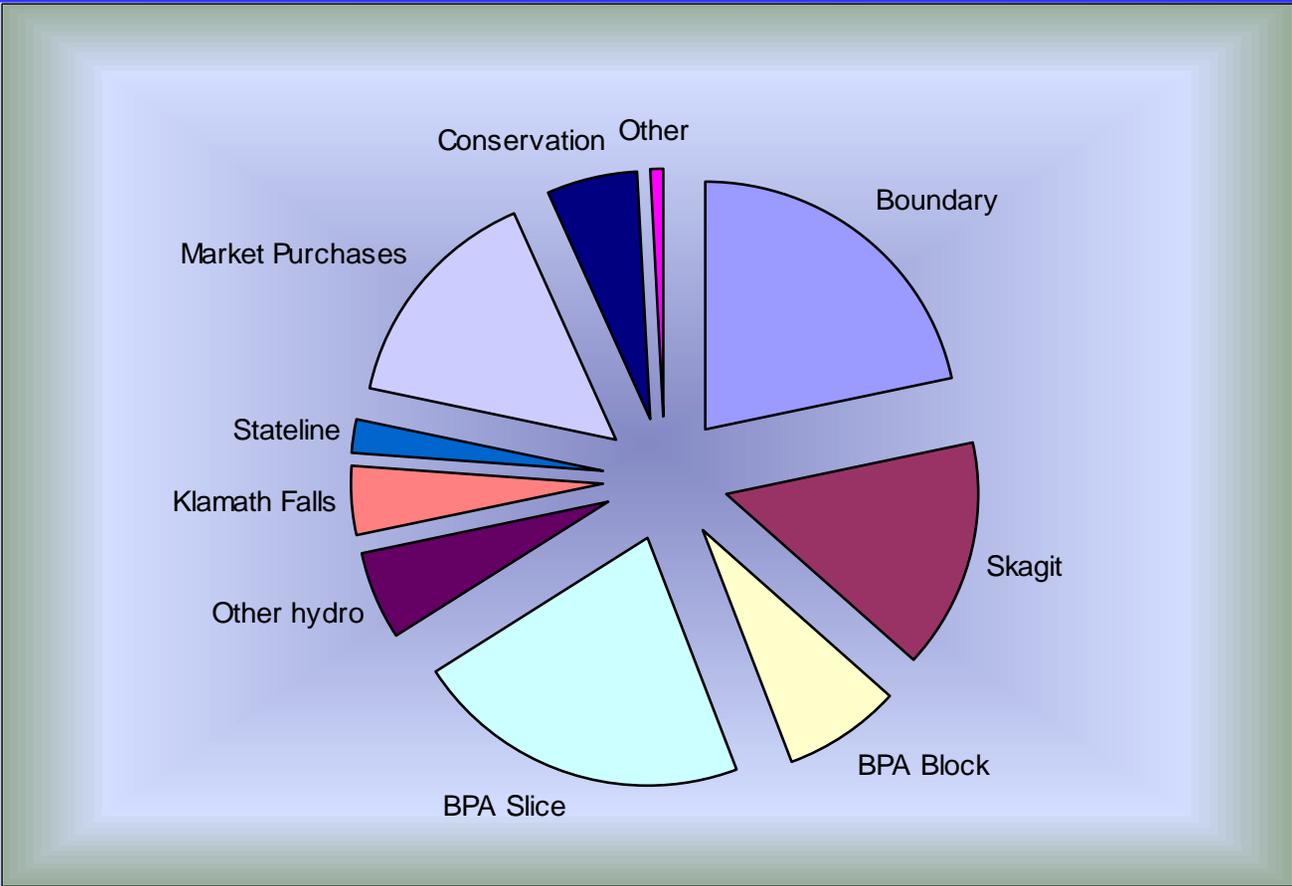


Loads

- Winter Peaking Utility
 - (except for downtown where winter and summer peak are about the same)
- Peaks
 - Maximum System Peak 2055 MW, 10 am 12-21-1990
 - 2004 System Peak 1808 MW
 - 2026 Forecast 2167.5 MW
- Loads
 - Max average energy load 1142.4 aMW in 2000
 - 2004 average energy load 1088.4 aMW
 - 2026 forecast 1294.4 aMW
 - 0.8% long-term average growth rate forecast



2004 Sources of Energy





What is an IRP?

- Process used to plan a portfolio of energy resources to meet the future needs of retail customers
- Produces a Resource Strategy
 - Long-term (20 years 2007- 2026)
 - Updated every two years
 - Provides timing, amounts and types of new resources that
 - Provide reliable service
 - Minimize costs
 - Manage risks
 - Minimize adverse environmental and societal impacts



Why are we doing an IRP?

- Need to review opportunities to improve the value of the current portfolio
- Meet future load growth
- Make decisions regarding BPA contract product choices
- Need to rebuild SCL's long-term planning capability
- Resource strategies take time to implement



Process

- Conduct an open process to incorporate public input
- Analyze future electric loads and resources, including
 - evaluating a variety of candidate portfolios of existing and potential new resources on a consistent integrated basis
 - evaluate risk associated with loads, prices, hydro variability
- Select Resource Strategy that balances goals
- Prepare and issue a written IRP Report by Q3, 2006
 - Presents the adopted resource strategy
 - Describes the planning process used to develop the IRP
 - Documents the forecasts, assumptions and other inputs used, resource alternatives considered and results of the analysis of candidate resource portfolios



Resource Options

- Conservation Measures
- Contracts
 - BPA
 - Seasonal Exchanges
 - Shaped Products (Options, Swaps, Block Purchases, etc.)
- Renewable Resource
 - Wind power generation
 - Biomass, biogas and landfill gas generation
 - Geothermal power generation
- Hydroelectric Resource & Efficiency Improvements
- Thermal Resource
 - Natural gas-fired combustion turbine generation
 - Coal-fired generation



Schedule

Task	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	
Collect Data Inputs	[Light Blue]											
Build Forecast Assumptions		[Light Blue]										
Analyze Alternative Portfolios		First Screening				Second Screening						
Environmental Impact Statement	Initial Assessment				Draft EIS Written	Draft EIS Issued				Final EIS		
IRP Document									Draft IRP Written	Comment on Draft IRP	Final IRP	
Public Stakeholder Meetings	[Yellow]	[Orange]	[Yellow]		[Yellow]	[Orange]		[Yellow]	[Orange]		[Yellow]	[Orange]
Council Updates					[Pink]	[Green]			[Pink]	[Green]		

Yellow: Stakeholder Group
 Orange: Public Meeting
 Pink: Advisory Board
 Green: EEP Committee

First Round of Portfolio Analysis Completed

Second Round of Portfolio Analysis Completed

Final IRP Delivered and Presented to Council



Questions?

