



Our Road to **Excellence**

Brent Ridge
VP of Corporate Services
CFO

**Washington State Joint Select
Task Force on Nuclear Energy**
Sept. 25, 2014

Energy Northwest



A not-for-profit
Municipal Corporation

Provide our public power members and regional ratepayers with safe, reliable, cost-effective, responsible power generation and energy solutions



A History of Serving Public Power



**Packwood Lake
Hydroelectric Project
commercial operation**

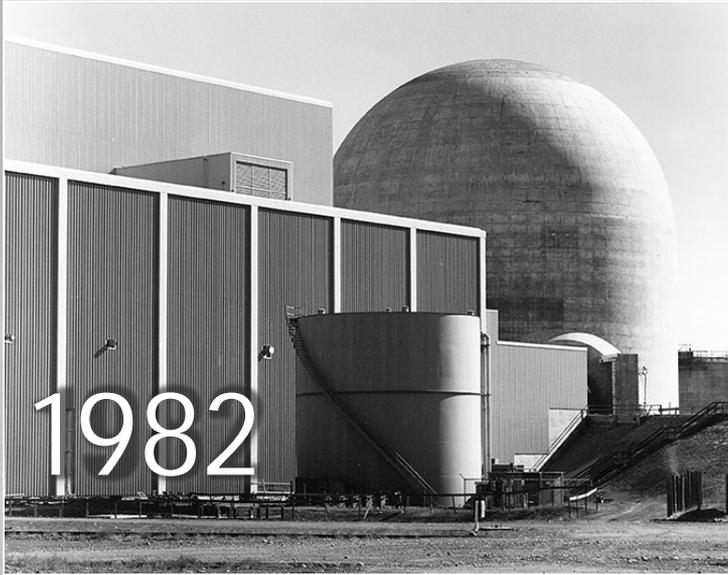
**1st meeting of the
Washington Public
Power Supply System**



**President John F. Kennedy
presides at ground-
breaking for Hanford
Generating Project**



Overreach



1982

WNP-1
mothballed



1983

WNP-3
mothballed
WNP-4/5
bond default

Utility & government officials
at groundbreaking of
WPPSS Nuclear Project 2
(Columbia Generating Station)



1972

Columbia Generating Station



**Bonneville Power Administration
Administrator Peter Johnson (left)
and Plant Manager Jerry Martin
at Columbia's dedication**



Coming of Age as a JOA



1999

ENERGY NORTHWEST



2002



2002 – 2008

Nine Canyon Wind Project
added 96 megawatts

White Bluffs Solar Station
demonstrates future capability

Energy Northwest



1,290 megawatts of safe, reliable, cost-effective, responsible power generation



Packwood Lake Hydro-electric Project (27 MWe)



Nine Canyon Wind Project (96 MWe)



White Bluffs Solar Station (38 KWe)



Columbia Generating Station (1,170 MWe)

Energy Northwest



27 Public Power Member Utilities

Asotin County PUD

Benton County PUD

Chelan County PUD

City of Port Angeles

City of Richland

City of Centralia

Clallam County PUD 1

Clark Public Utilities

Cowlitz County PUD

Ferry County PUD

Franklin County PUD

Grant County PUD

Grays Harbor County PUD

Jefferson County PUD

Kittitas County PUD

Klickitat County PUD

Lewis County PUD

Mason County PUD 1

Mason County PUD 3

Okanogan County PUD

Pacific County PUD

Pend Oreille County PUD

Seattle City Light

Skamania County PUD

Snohomish County PUD

Tacoma Public Utilities

Wahkiakum County PUD





Safety First

12M Hours

Without
a lost-time
accident

***Association of
Washington
Business (2013)***



***American Public
Power Association (2012)***

Columbia: Reliable



- ***“Exemplary”*** peer recognition
- **4 ½ Years**
without an unplanned shutdown
- **94.98%** availability factor 2012 – 2014
- **9,718,923** megawatt hours FY2014

Bond Ratings

- **Moody's** **Aa1**
- **Fitch** **AA**
- **S&P** **AA-**

Columbia: Best Value



- **\$190M** Current Savings
 - \$168M Debt Management
 - \$22M Decommissioning
- **\$100M** Total Regional Cooperation Debt Savings
- **\$88M** Uranium Savings: current/next rate period
- **\$176–\$235M** Total Uranium Savings



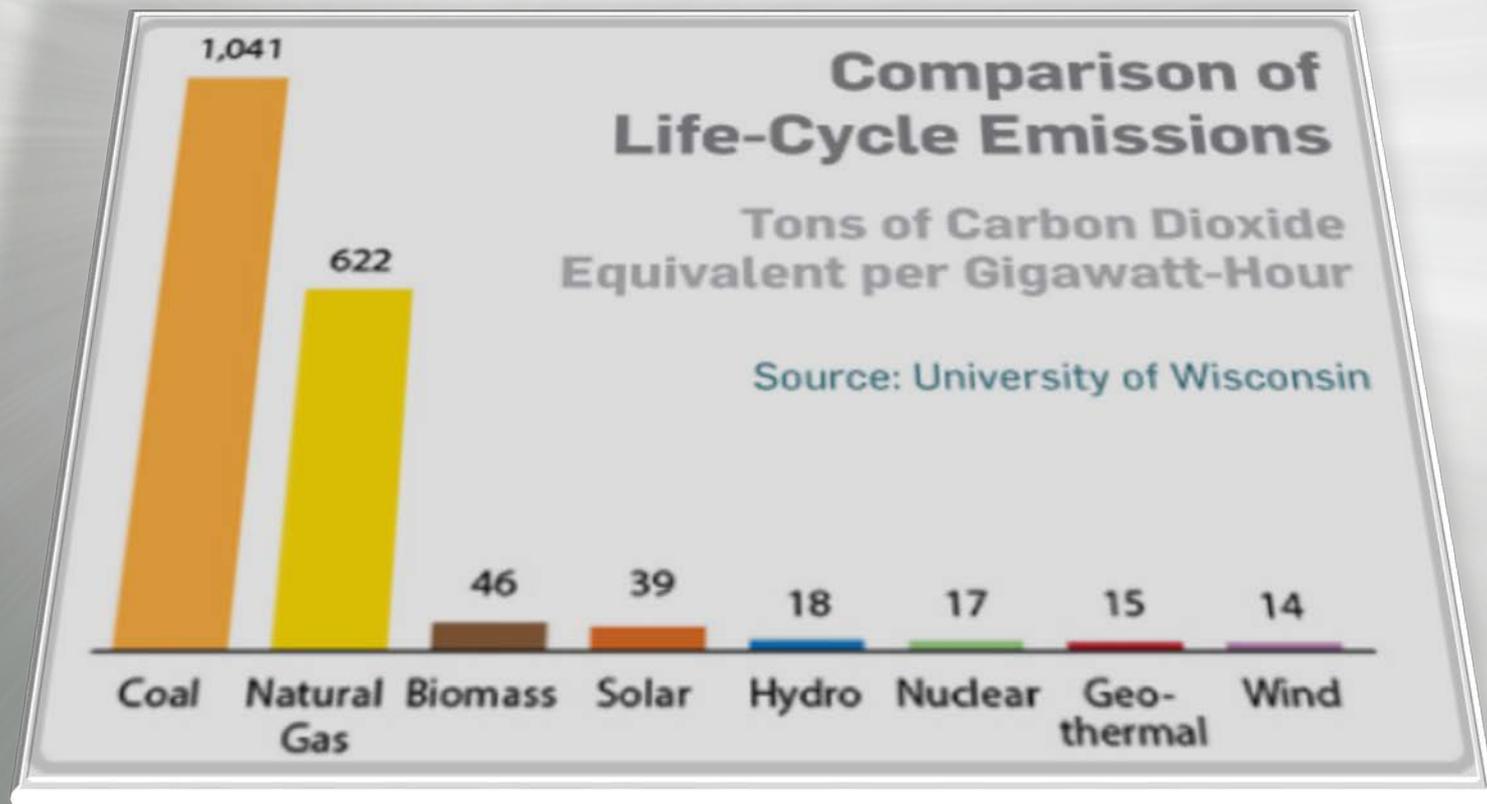
Gov. Christine Gregoire
License Renewal
1984 – 2043

Columbia: Clean



Nuclear is Non-Carbon Emitting

Columbia avoids 3.6 (natural gas) to 4.4 (diverse mix) million metric tons of annual carbon emissions



Columbia: Jobs



- 1,150 highly skilled professionals
 - 460 union positions
 - \$136 million annual payroll



- **\$440 million** in annual economic activity*
- **\$4.4 million** 2014 privilege tax

*Source: Nuclear Energy Institute

Independent Analysis



Public Power Council

January 2014

Columbia provides valuable *capacity, dispatchability* and *risk management* to maintain our regions diverse generation portfolio



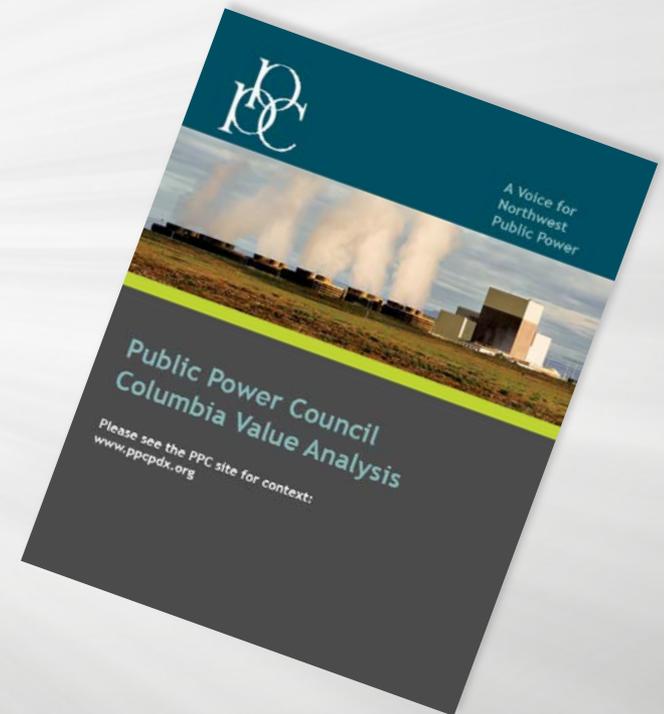
Independent Analysis



Public Power Council

January 2014

“In 2001 alone the operation of CGS compared to the market saved BPA ratepayers \$1.4 billion.”



A vertical collage of four grayscale images: solar panels, a wind turbine, a dam, and a power plant.

The Way Ahead

The Way Ahead

- Demand Response
- Distributed Storage
- Solar development
- Western Initiative for Nuclear



Distributed Storage System

State Strategies



State Strategies



Virginia

Virginia Nuclear Energy Consortium

Florida & Georgia

Early cost recovery

South Carolina

Comprehensive Energy Plan

Ohio

Clean Energy Standard

Energy Northwest



A not-for-profit
Municipal Corporation

*The region's leader in power generation
and energy solutions through sustained
excellence in performance and innovation*



Energy Northwest



A not-for-profit
Municipal Corporation

*The region's leader in power generation
and energy solutions through sustained
excellence in performance and innovation*



