Bill Bradbury Chair Oregon

Henry Lorenzen Oregon

W. Bill Booth Idaho

James A. Yost



Jennifer Anders Vice Chair Montana

> Pat Smith Montana

Tom Karier Washington

Phil Rockefeller Washington

July 1, 2014

#### **MEMORANDUM**

**TO: Council Members** 

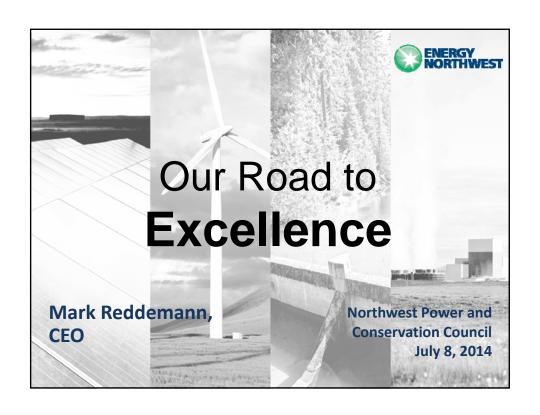
FROM: Steve Crow and Tom Eckman

**SUBJECT:** Presentation on Columbia Generating Station Operations

At the July meeting, Mark Reddemann, the Chief Operating Officer of Energy Northwest, will brief the Council on the status of operational improvements made over the past few years at the Columbia Generating Station, the region's sole nuclear generating station.

Mr. Reddemann assumed duties as CEO of Energy Northwest in August 2010. Prior to his current position, he was vice president of Operations Support with Xcel Energy, during which he also served on the Energy Northwest Corporate Nuclear Safety Review Board. From 2005 to 2006 Mr. Reddemann was vice president of Nuclear Assessment with Nuclear Management Company. Before that position, he was vice president of Plant Technical Support at the Institute of Nuclear Power Operations.

503-222-5161 800-452-5161 Fax: 503-820-2370





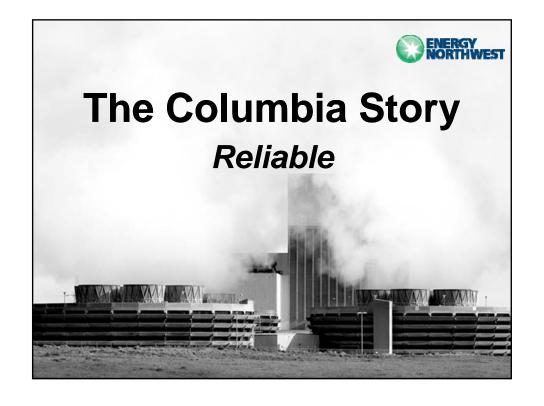


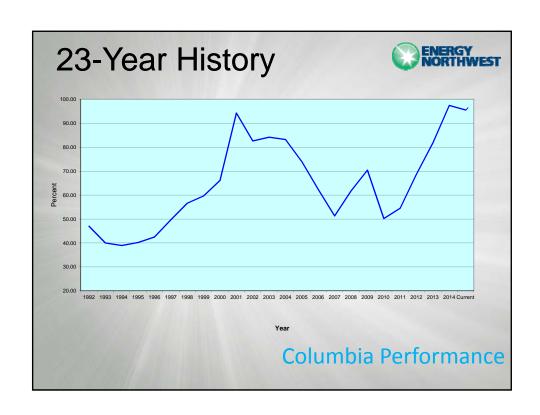












### **Excellence Initiative**



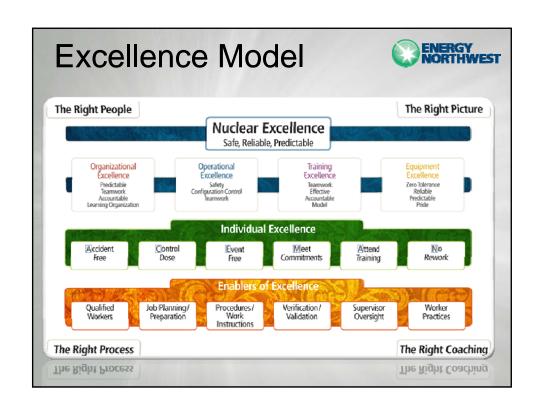
## Phases of Excellence 2011-2014

Phase I – Improving Behaviors

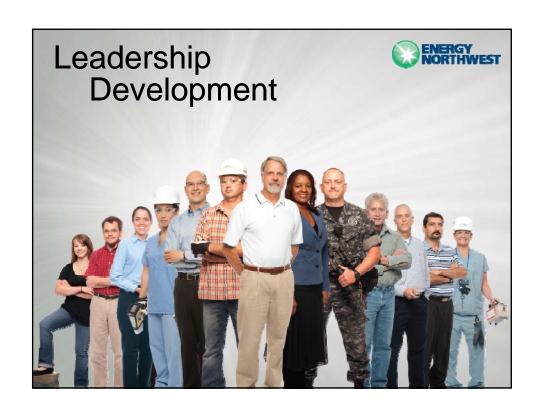
Phase II – Demonstrating Results

Phase III - Achieving Excellence

Phase IV – Sustaining Excellence



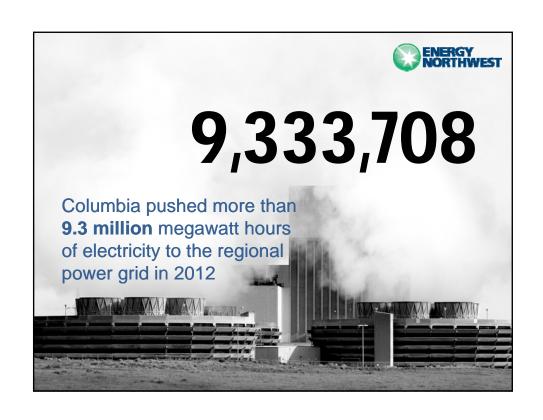


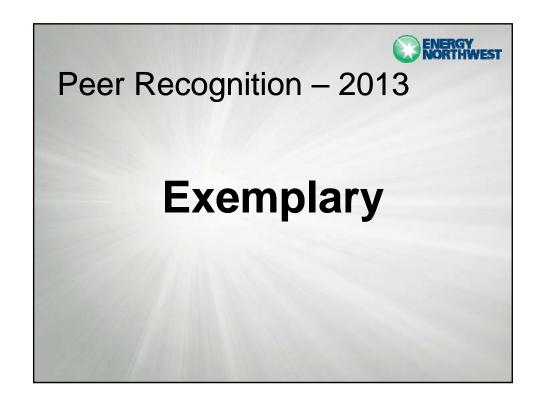
























### Regional Savings



# \$190,000,000

Energy Northwest and BPA collaboration on decommissioning fund and debt management provided the region \$190 million in rate relief in the next rate period

### Regional Savings



The uranium tails fuel purchase agreement will generate more than \$88 million in additional BPA savings through the current and next rate case.

\$88,000,000

**Uranium Tails Fuel Transaction** 

### Regional Savings



## \$171M - 275M

We expect total savings to be between \$171 and \$275 million for Northwest ratepayers

**Uranium Tails Fuel Transaction** 

### **Regional Savings**

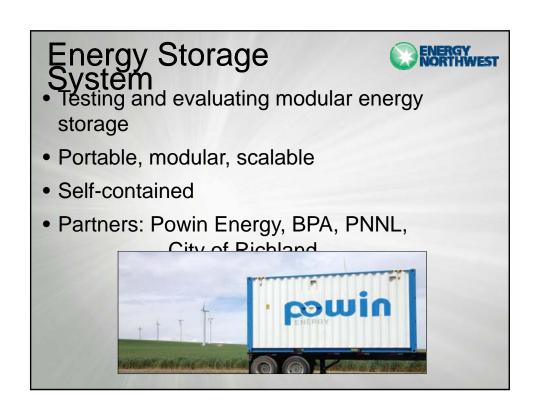


## \$100,000,000s

We expect total savings to be \$100s of millions for Northwest ratepayers

Regional Cooperation Debt Agreement





### Columbia Generating Station

- ENERGY NORTHWEST
- \* 12M hours without a lost-time injury
- \* Almost 2 years without OSHA-recordable

#### Reliable

- \* "Exemplary" Peer Recognition
- \* 9.3 million MWh record in 2012
- \* 8.5 million MWh record in 2013
- \* No unplanned shutdowns in 4 ½ years
- \* 9.7+ million MWh record in FY 14

#### **Cost Effective**

- \* \$190M rate relief in next rate period
- \* Another \$88M over next 2 rate periods
- \* \$171M-\$275M fuel savings thru 2028
- \* \$100Ms in savings through debt agreement

