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MEMBER
FORUM
XVI

ENERGY IN MOTION

Mark Reddemann
Chief Executive Officer



**27
Member
Visits**



Energy Northwest Excellence

- Safe
- Reliable
- Predictable

On the Road to Excellence

- Safe
 - Three years without a lost time injury
 - Longest time without an OSHA recordable accident
 - APPA safety award of excellence
 - Implemented successful cyber security initiatives

Our goal remains

Public health and safety is the unwavering commitment for everything we do and is the overarching imperative of our mission, vision and strategic plan.

On the Road to Excellence

- Reliable
 - Columbia top quartile for equipment reliability
 - Columbia operating almost 4 years without unplanned shutdown
 - Columbia pushed 9.3 million megawatts to the grid
 - Nine Canyon availability of 98.9% for FY 2013
 - Packwood Lake availability of 97.7% during last 12 years
 - Installed energy storage system at Nine Canyon

On the Road to Excellence

- Predictable
 - Completed successful R-21
 - Safest outage in history at Columbia
 - Banked 5MW solar facility at Industrial Development Complex
 - Columbia license renewal
 - \$257 million rate relief for the region's ratepayers in current rate period

Increased Costs to Consumers

Columbia Value Study

	SCENARIOS
\$0	Continued Columbia Operation
\$1,053,000,000	5-Year Columbia Outage With Replacement Power From Market
\$2,554,000,000	Columbia Shutdown With Replacement Power From Natural Gas <small>(At Expected Gas Prices, No CO₂ Costs. Note: Gas Price Forecasts May Range from \$1,053,000,000 to \$11,553,000,000)</small>
\$5,419,000,000	Columbia Shutdown With Replacement Power From Natural Gas <small>(Expected Gas Price, With CO₂ Costs)</small>

Working to benefit ratepayers

The fuel purchase agreement will generate more than \$88 million in additional rate case savings from 2014 to 2017.

\$88,000,000

and **hundreds of millions** of dollars
more in savings through **2028**

The way ahead

- \$160 million 10-year capital increase
- Capitalize large projects
- Charge proper labor to capital
- 2014-23 – Increase in capital spending, reduced O&M costs
- Lower costs for next four BPA rate cases



Small Modular Reactor Proposal



- We support the NuScale design and their application to DOE
- EN has first right of offer
- Potential demo site in Idaho
- Sets the stage for SMRs in Washington state

The way ahead



Larry Willey
VP, Energy/Business Services

- New initiatives
 - Energy Storage System
 - Demand Response
 - Additional solar contracts

Energy Northwest Excellence

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