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April 2, 2019

MEMORANDUM

TO: Council Members

FROM: Ben Kujala

SUBJECT: Remarks by Brad Sawatzke, CEO of Energy Northwest

BACKGROUND:

Presenter: Brad Sawatzke, CEO of Energy Northwest

Summary: Mr. Sawatzke will give remarks on Energy Northwest and the Columbia Generating Station along with his view of the energy industry.

Background: Brad Sawatzke was appointed CEO of Energy Northwest in April 2018. He previously served as Chief Operating Officer/Chief Nuclear Officer, beginning in December 2014, with responsibility for all Energy Northwest generating units. He joined EN as vice president of Nuclear Generation/Chief Nuclear Officer in December 2010.

Prior to joining Energy Northwest, he served as Director of Site Operations at the Prairie Island Nuclear Generating Plant with Xcel Energy. Brad worked for NSP/NMC/Xcel Energy for nearly 29 years. The majority of that time was spent at the Monticello Nuclear Generating Plant where he held positions in Operations and Training prior to holding the Performance Assessment Manager, Maintenance Manager and Plant Manager positions.

Brad holds a Bachelor of Science and Applied Physics from Winona State University and is a graduate of the Harvard Advanced Management Program. He has also held a reactor operator and senior reactor operator

license at the Monticello Nuclear Generating Plant, a boiling water reactor.

Brad also serves on the INPO board of directors and accrediting board, Association of Washington Business executive committee, Nuclear Energy Institute board of directors and United Way of Benton & Franklin counties board of directors.

Energy Northwest is a joint operating agency serving the needs of public power by providing reliable, low-cost electricity while promoting public power activities in the region. It has received numerous awards and recognition for its hiring of veterans, employee philanthropy and community service. Energy Northwest was also recognized by the Association of Washington Business as the “2016 Employer of the Year” for its innovative job retention, creation and compensation plans that foster a thriving work environment.

More Info: <https://www.energy-northwest.com/whoweare/Pages/default.aspx>

ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

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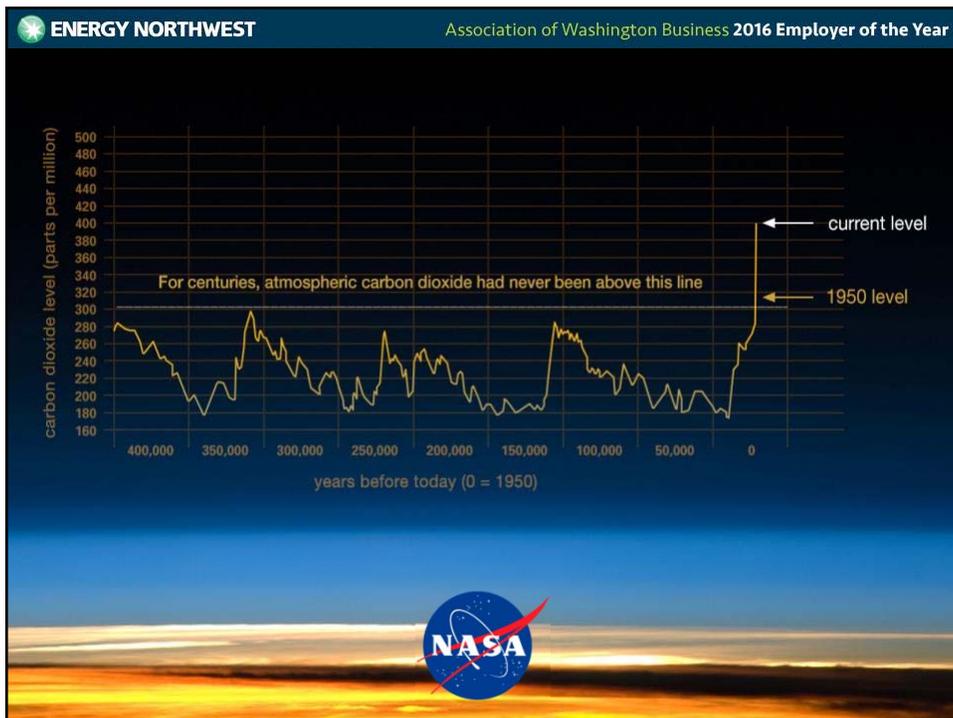
*Powering our
Clean Energy Future*

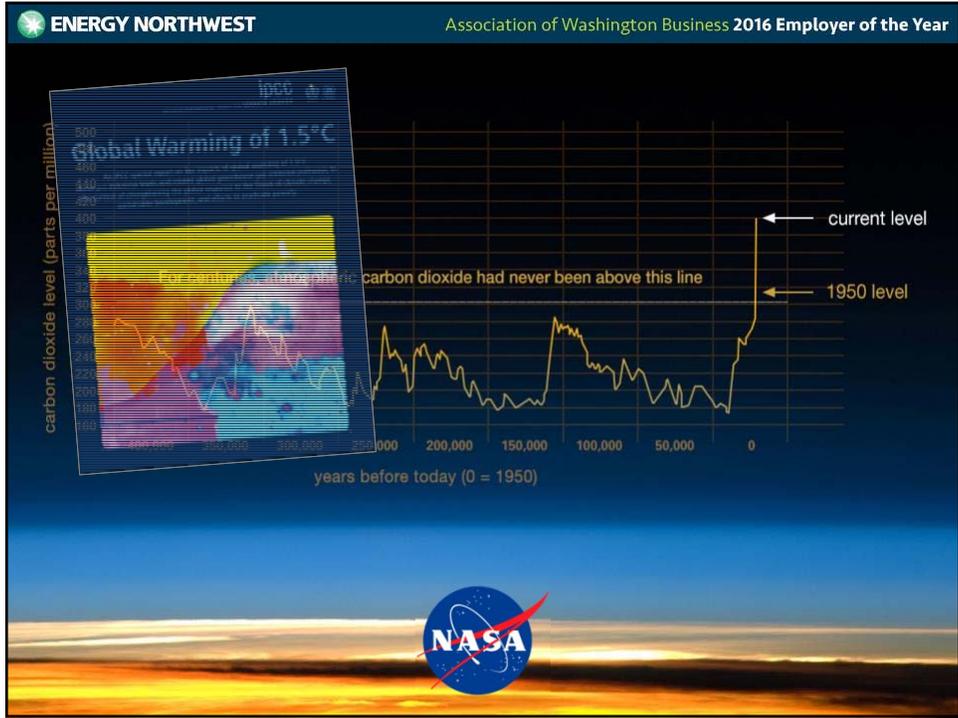
Brad Sawatzke
CEO

**Northwest Power and
Conservation Council**
April 10, 2019



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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

ENERGY NORTHWEST
CARBON FREE GENERATION

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The slide features a white background with a subtle grid pattern. At the top, it includes the 'ENERGY NORTHWEST' logo and the text 'Association of Washington Business 2016 Employer of the Year'. The main content is the text 'ENERGY NORTHWEST CARBON FREE GENERATION' in a large, green, sans-serif font. A small number '4' is located in the bottom right corner.

ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

Renewable Generation Projects

- **Nine Canyon Wind Project**
- **Packwood Lake Hydroelectric Project**
- **White Bluffs Solar Station**
- **Tieton Hydroelectric Project**
- **Portland Hydroelectric Project**
- **Horn Rapids Solar, Storage & Training Project**

COMING SOON



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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

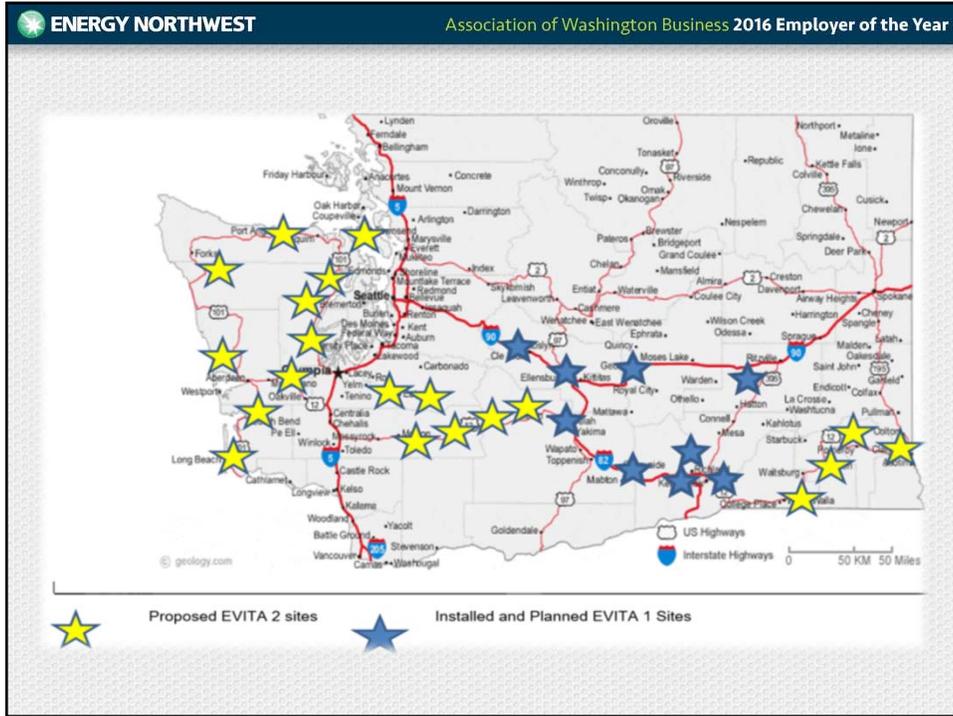
EV Infrastructure & Transportation Alliance

2018

EVITA



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ENERGY NORTHWEST Association of Washington Business 2016 Employer of the Year

Columbia Generating Station

- **GE Boiling Water Reactor**
- **Online: Dec. 1984**
- **Licensed through 2043**
- **Output: 1,207 MWe**
- **4% of electricity used in Northwest; 10% of electricity in Wash.**

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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

3rd-Largest Generator in Wash.



GRAND COULEE

CHIEF JOSEPH

COLUMBIA

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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

9,708,444
Megawatt-hours in 2018

9.6 million
In 2016

9.5 million
In 2014

8.4 million
in 2013
(refueling year record)

9.3 million
in 2012

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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

**COLUMBIA GENERATING STATION
GENERATION RECORDS**

October 2017 858,052 MWhrs	November 2017 841,597 MWhrs	December 2017 867,003 MWhrs
January 2018 862,328 MWhrs	March 2018 866,437 MWhrs	April 2018 822,479 MWhrs
August 2018 849,255 MWhrs	September 2018 829,277 MWhrs	October 2018 862,462 MWhrs

ENERGY NORTHWEST

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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

American Public Power Association Safety Award of Excellence



2018 Electric Utility Safety Award
Energy Northwest
Richland, WA
First Place
Presented to Energy Northwest for outstanding safety performance in 2018.

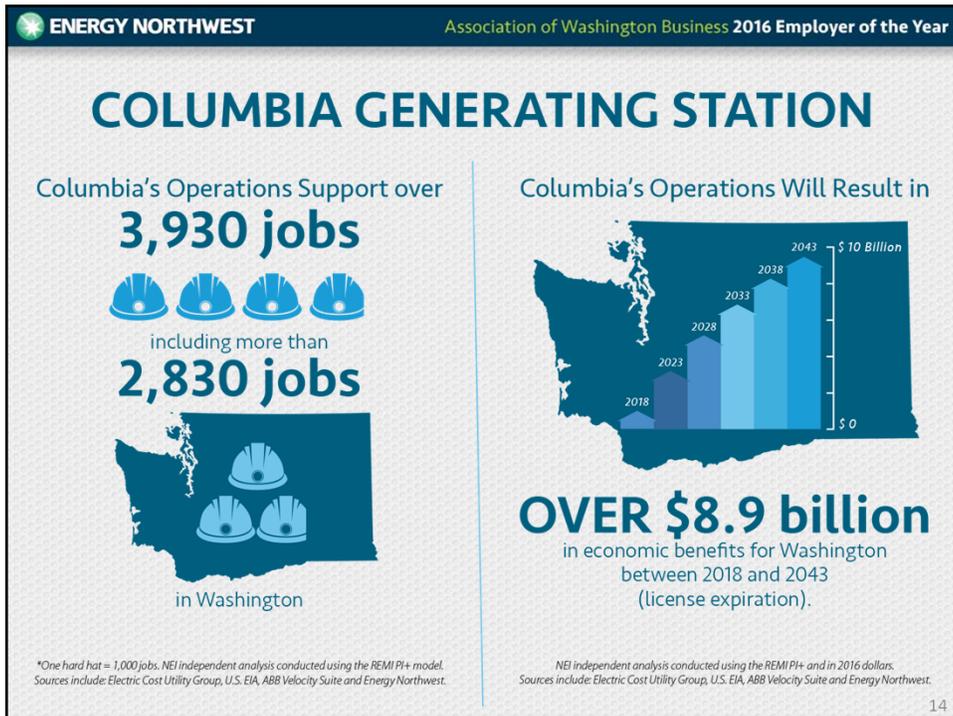
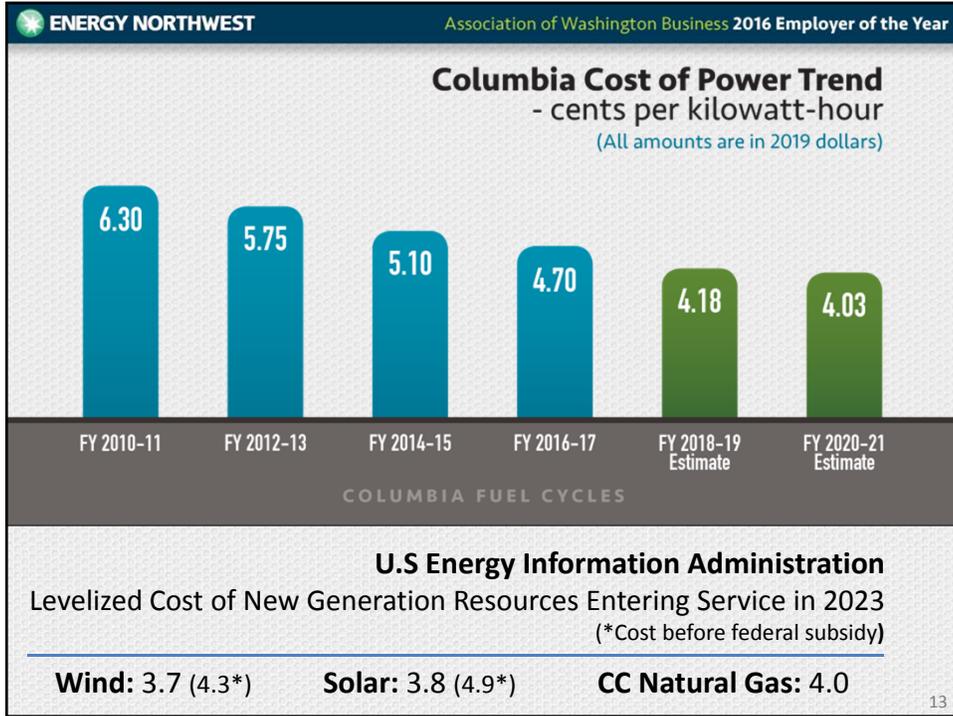


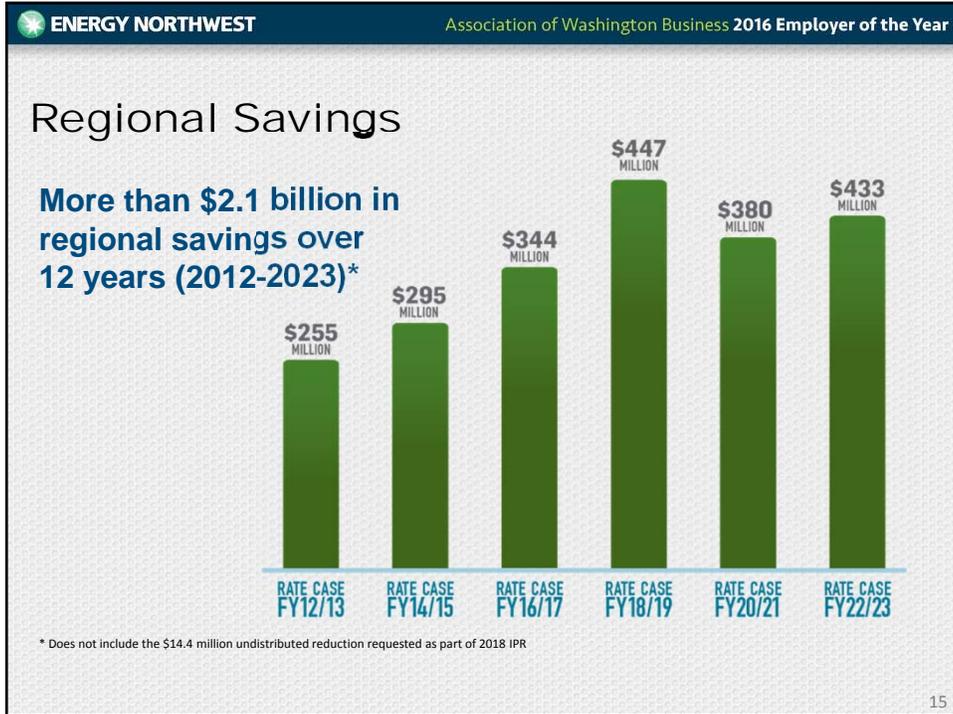
**Northwest Public Power Association
1st-Place in Safety**



Kris Johnson
@KrisJohnson_IOM
Jun 09
Thank you @EnergyNorthwest for having @awbolympia team out to meet and tour the Columbia Generating Station. A great culture of safety!







ENERGY NORTHWEST Association of Washington Business 2016 Employer of the Year

Nuclear Energy

1. Carbon-Free Generation
2. Baseload for Energy Diversity
3. Our Most Reliable Source of Energy
4. Integrates With Renewables

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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

- **President Obama’s Council of Advisors on Science & Technology (2013)**
- **United Nation’s Intergovernmental Panel on Climate Change (2001, 2007, 2014, 2018)**
- **International Energy Agency (2016)**
- **Northwest Power & Conservation Council’s *Seventh Northwest Power Plan* (2016)**
- **Union of Concerned Scientists (2018)**
- **MIT Energy Initiative study (2018)**

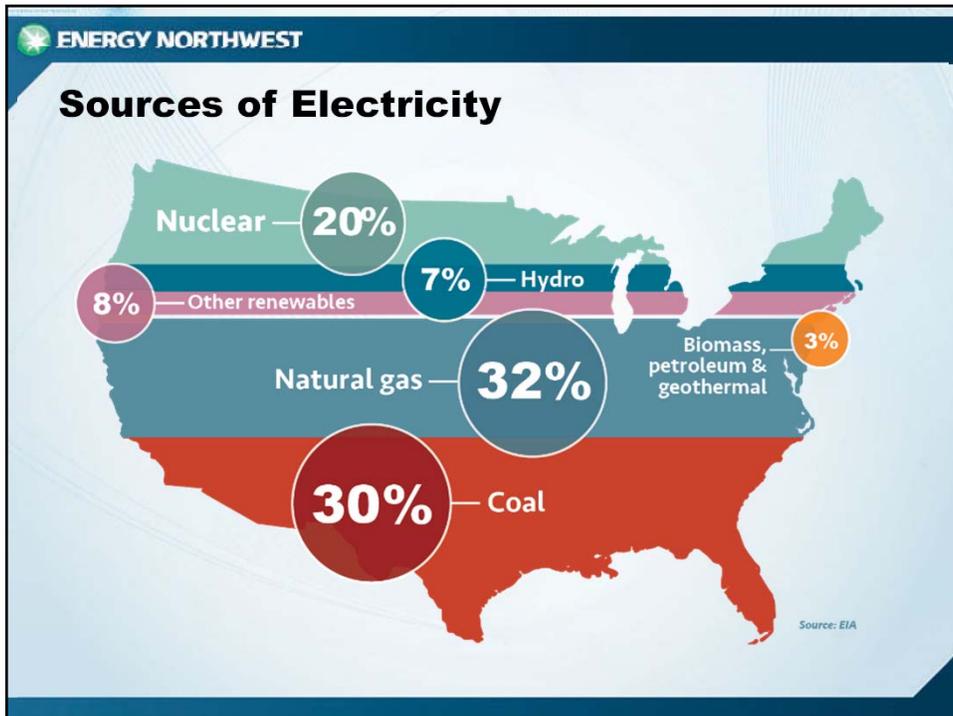
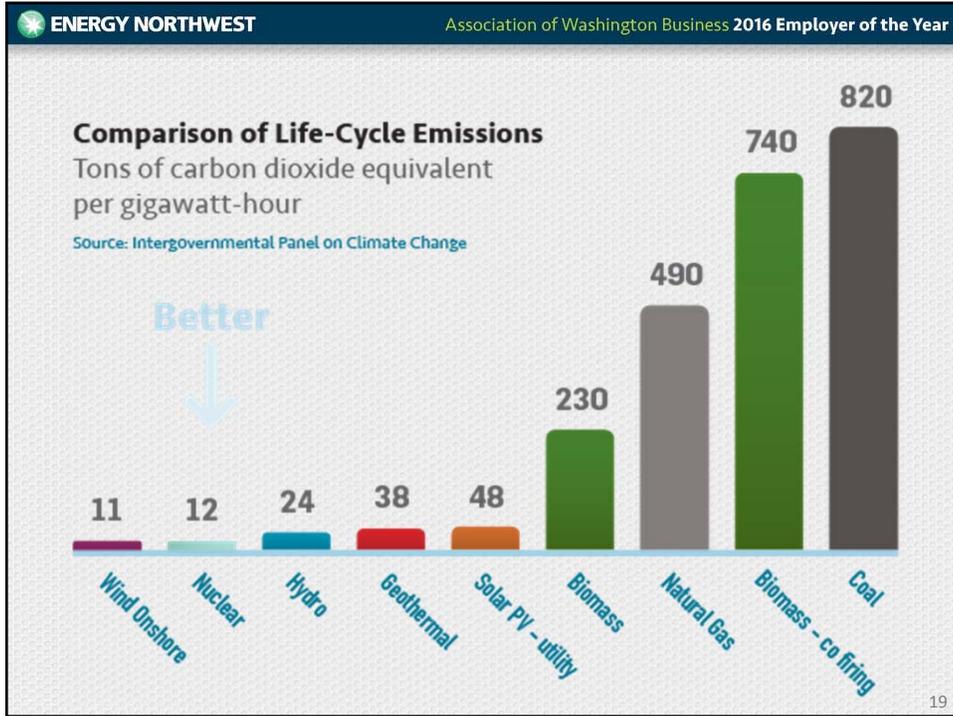


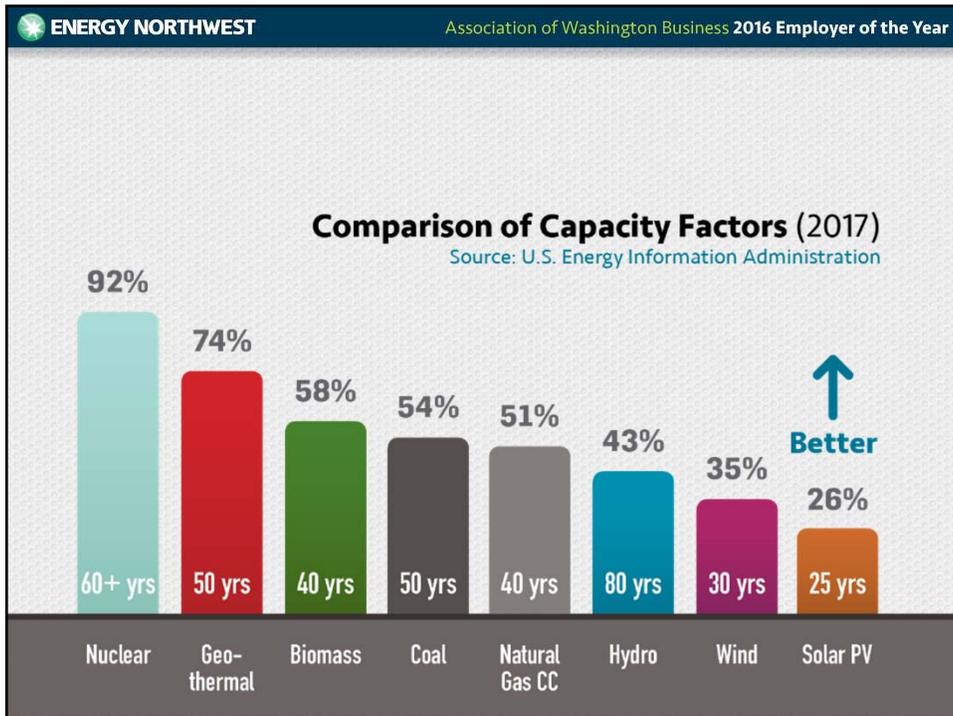
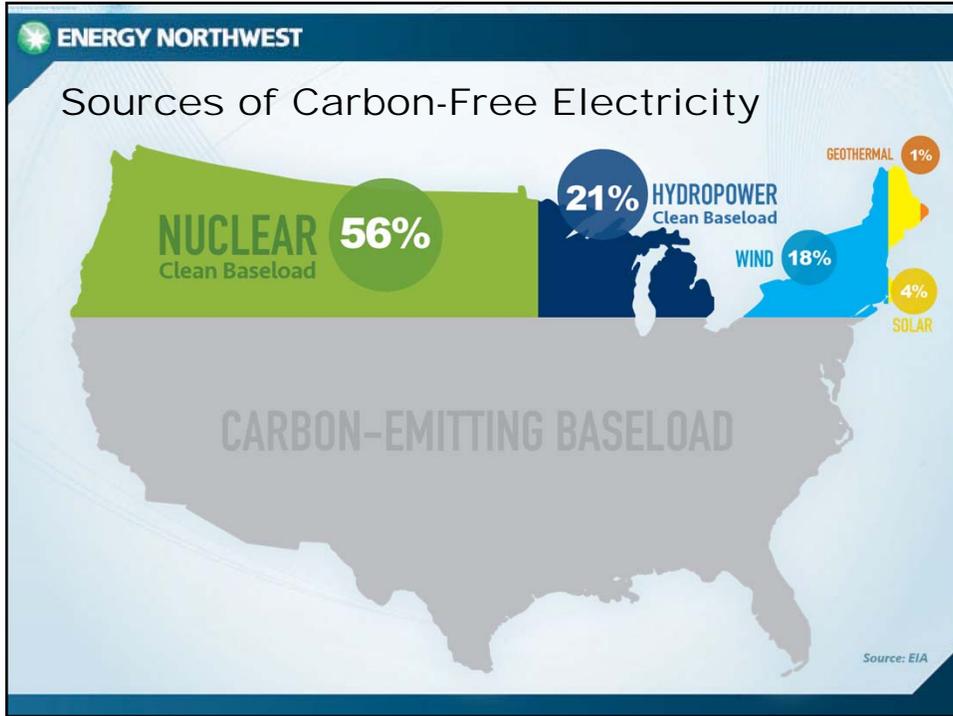
ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

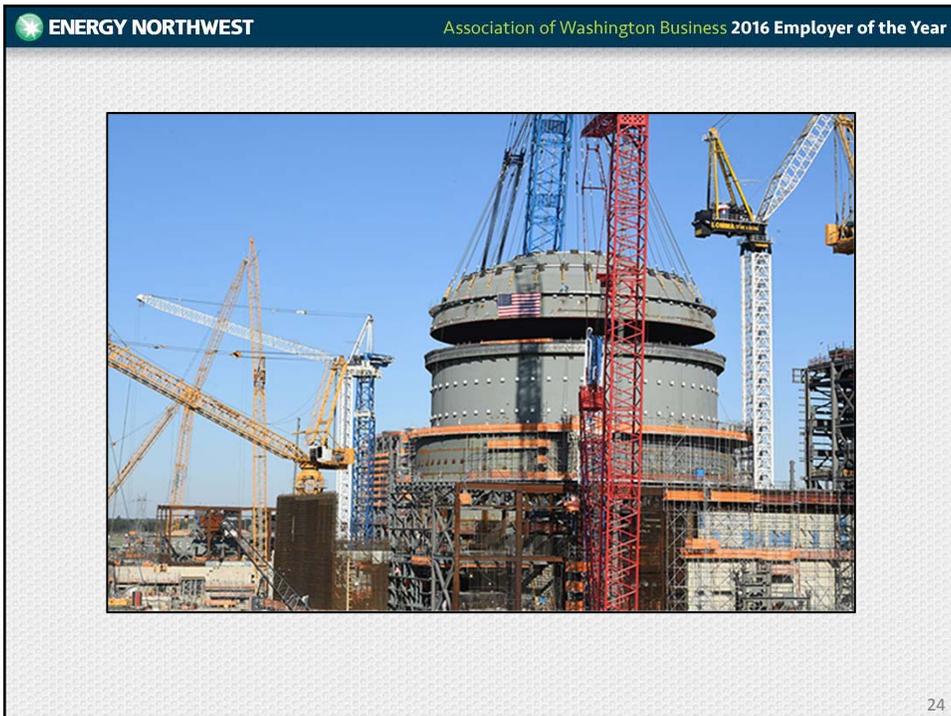


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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

2026 NuScale's Small Modular Reactor



Carbon Free Power Project
LAMPs ENERGY NORTHWEST

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ENERGY NORTHWEST Association of Washington Business **2016 Employer of the Year**

POWER OF THE PELLETT



1 URANIUM PELLETT
is equivalent to the energy provided by:

 <p>149 Gallons of Oil</p>	 <p>17 MILLION thermal units of natural gas</p>	 <p>1,780 Pounds of Coal</p>
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