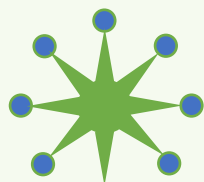


# Nuclear-Powered Clean Energy in Washington State

Here's how Washington is leading the way in nuclear energy expertise and innovation to power our nation's clean energy future.



Washington Industry Supports

## 7 U.S.

**new nuclear  
technology developers**

Clean Energy Supplier Alliance

Washington's  
nuclear displaces  
**~4.4 million**  
metric tons of **CO<sub>2</sub>**

**from entering the  
atmosphere annually**

*Equals the carbon released by  
~778,000 cars each year*

Columbia Generating Station

Washington Made

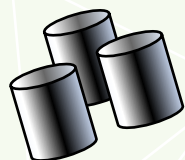


## 1st

**U.S. industry-led  
supply chain cluster**

to support deployment of  
advanced nuclear reactors

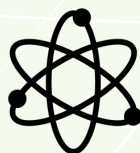
Clean Energy Supplier Alliance



Nuclear fuel fabricated here generates  
**5% of all U.S. electricity**

*Equals 50% of all U.S. carbon-free electricity  
produced from clean energy sources*

Framatome Nuclear Fuel  
Manufacturing Facility



Home to

**1 of only 2 operating  
nuclear power plants  
on the West Coast**

Columbia Generating Station

HOME TO

## 3

**next-generation nuclear  
technology companies**

*TerraPower & Ultra Safe Nuclear –  
plus, NuScale Power has a  
major presence here*



**3 Advanced Reactor  
Demonstration Projects  
are located in our region**

*X-energy, TerraPower  
& NuScale Power*



**10%  
of Washington's  
electricity**

Columbia Generating Station



Discovering solutions for  
**nuclear & other  
carbon-free  
energy systems**

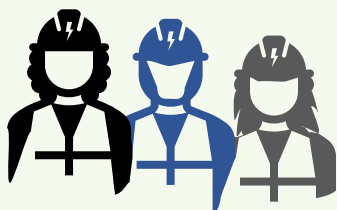
*Washington State University Tri-Cities  
Institute for Northwest Energy Futures*

**VERTical**  
INNOVATION CLUSTER

Accelerating the Transition to  
Advanced Clean Energy Technologies

# Nuclear-Powered Clean Energy in Washington State

Here's how Washington is leading the way in nuclear energy expertise and innovation to power our nation's clean energy future.



Home to

## premier nuclear-skilled trades apprenticeship programs

Plumbers & Steamfitters Local 598, Central Washington Building & Construction Trades and Washington State STEM Education Foundation K-12



## Graduating tomorrow's nuclear engineering & science professionals

Washington State University



## Nuclear Uniform Curriculum Program

offering nationally-recognized non-licensed operator, instrument & control technician, and radiation protection technician degrees

Columbia Basin College



## 5 fusion energy technology developers are based in Washington

Zap Energy, Helion, Angi Fusion, Avalanche Energy & CTFusion



## GREENEST STATE

Nuclear energy contributes to Washington's top ranking

Consumer Affairs



## Washington leads the nation in transitioning to

# 100% clean energy

Washington Clean Energy Transformation Act



Accelerating the Transition to Advanced Clean Energy Technologies