

100% Clean Electricity

SB 5116 | HB 1211

What it means for Spokane area Avista customers

Photo: Mark Wagner (Wikimedia Commons)

What does 100% clean look like for the Spokane Area?

The Pacific Northwest is among the regions best-prepared to spearhead the transition to 100% clean energy. The 100% clean movement is on all over the world – a powerful, popular vision that demands clean and efficient energy. State legislators can accelerate the transition to 100% clean electricity to create good jobs, clean air, and equitable communities. Last year the Spokane City Council adopted an Ordinance establishing a Sustainability Action Committee to plan for climate resilience, achieve greenhouse gas emission reductions, and support the goal of 100 percent renewable electricity by 2030.

100% clean electricity is good for the local economy!

Clean energy drives job creation and prosperity in Washington. The US Department of Labor cites solar and wind as the fastest growing labor sector nationwide.¹ According to a recent study by E2, over 78,000 Washingtonians now work in clean energy, including 8,500 in rural communities. Clean energy jobs cross all political boundaries, with the Spokane area being one of the top three areas for clean energy jobs in the state.

6,308²

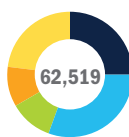
Clean energy jobs in the Spokane metro area

13X

There are 13X more clean energy jobs in WA than fossil fuel jobs

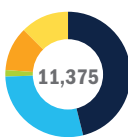
All 39 counties
in WA employ workers in clean energy

Industry breakdown: clean energy³



ENERGY EFFICIENCY:

- ENERGY STAR & Lighting: 15,689
- Trad. HVAC: 19,186
- High-Efficiency HVAC & Renewable H&C: 6,837
- Adv Materials: 6,502
- Other: 14,305



RENEWABLE ENERGY:

- Solar: 5,246
- Wind: 3,228
- Geothermal: 201
- Bioenergy/CHP: 1,279
- Low-Impact Hydro: 1,422



GRID & STORAGE:

- Storage: 3,291
- Smart Grid: 343
- Micro-Grid: 368
- Other Grid Modernization: 397

¹Fastest growing occupations, US Department of Labor, Bureau of Labor Statistics <https://www.bls.gov/emp/tables/fastest-growing-occupations.htm>

²Includes all clean energy job categories, including solar, wind, EE, clean vehicles, battery storage, advanced biofuels, low-impact hydro, and other areas.

³Clean Jobs Washington Report, E2, <https://www.e2.org/cleanjobsWA>

⁴Source: 2017 Washington State Electric Utility Fuel Mix Disclosure Reports, Dept. of Commerce, <http://www.commerce.wa.gov/wp-content/uploads/2013/01/Energy-Fuel-Mix-Disclosure-Report-2018.pdf>

Spokane voters and community are ready for 100%

Last year's 100% renewable electricity ordinance showed the Spokane Community is ready for 100% clean electricity. Additionally renewable energy projects are already happening within Avista's service territory! Projects like the Lind Solar farm, the largest in our state with 81,700 solar panels, is already coming online for Avista's large business customers.



350 Spokane Members at City Hall on August 7th, delivering over 400 letters in support of the 100% renewable ordinance.

Photo: Richard Chan (www.riverrockimages.com)

Do you know what you're buying?

Avista Utilities sources *almost half* its electricity from fossil fuel sources, like coal or fracked-gas.⁴

45%
fossil fuel



55%
fossil free
to 100% clean!



Solar panels like this one at the Lind Solar Farm will generate 28 megawatts of electricity.

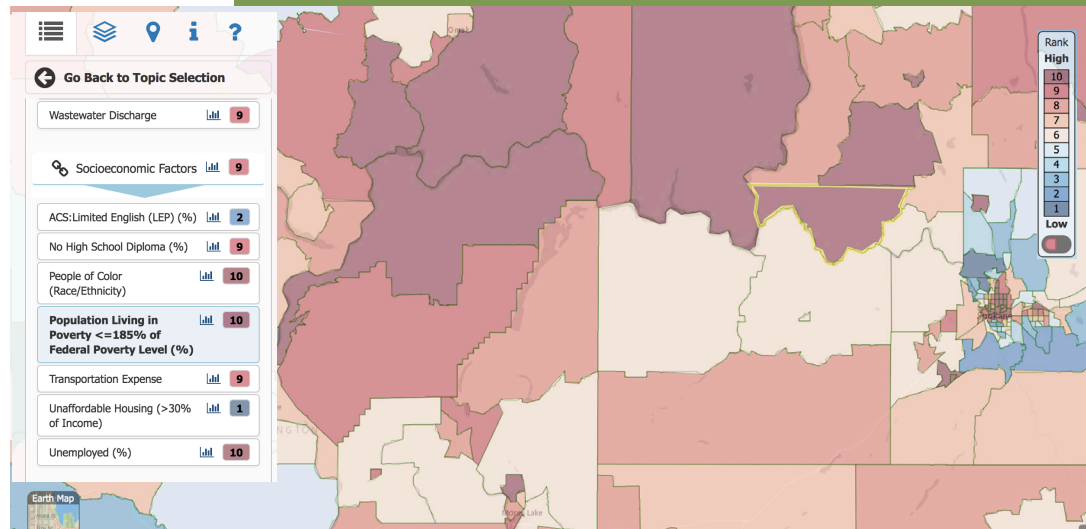
Photo: Brookhaven National Laboratory (Flickr)

100% Clean Electricity

in the Spokane area

100% clean electricity helps focus on historical inequities

100% Clean Electricity for Washington means 100% of the benefits of clean energy should be experienced by all. The new online Washington Environmental Health Disparities Map, offers policy leaders and advocates data-driven insights into where people experience the greatest environmental health risk factors in Washington by mapping 19 census tract-level indicators of community health. This tool provides policymakers, community leaders and Washington residents key evidence to inform and shape high-priority investments to reduce environmental health impacts on Washington's communities and improve access to clean air, clean water and a healthy environment throughout the state.



More effective utility programs

The mapping tool can help Avista Utilities be more effective in its energy assistance efforts by helping to identify populations living in poverty. Washington's low-income households throughout the state have been and continue to pay disproportionate amounts of their limited income just to keep the lights on.

What does 100% clean electricity mean overall for Washington State?

- Phase out of coal power out from our electricity by 2025;
- Interim renewable energy targets starting in 2030 that would prevent unnecessary and costly near-term build out of new fossil fuel infrastructure on our electric grid – ensuring an orderly transition to clean electricity;
- Increased investment in clean, renewable energy and energy efficiency;
- Addressing historical disparities by ensuring all households that need energy assistance have access, and that clean energy boosts public health, creates livelihoods, and creates benefits for the communities highly impacted by pollution; and
- Washington State's electricity fully powered by 100% clean energy by 2045.



Photo: Amit Patel (Flickr)

Want more info?

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