



**READY FOR
100%**

The Ready for 100 campaign is mobilizing support in Moscow for a 100% clean, renewable energy future. As the City of Moscow prepares to set a new climate goal in 2021 for municipal operations carbon reduction, we are raising community voices to advance local climate solutions. **We are #Readyfor100 percent clean, renewable energy for all.**

READY FOR 100 IN MOSCOW

Ready for 100 is a national Sierra Club campaign launched in January 2016 to encourage cities in the U.S. to commit to 100% clean, renewable energy. **Over 170 cities, more than ten counties, and eight states across the U.S. have goals to power their communities with 100% clean, renewable energy.**

Here in Idaho, the Ready for 100 campaign is asking Moscow leaders to set a vision for 100% clean, renewable energy. A transition to renewable energy will grow our local economy, protect the health of our community members, ensure energy affordability, and create a positive legacy on climate leadership for future generations.

Moscow residents, businesses and local government all get electricity and energy from Avista Power. In 2016 Avista Power's energy mix was comprised of 43 percent fossil fuels (coal, diesel, gas, and market purchases). These fuel sources represent a significant risk for our climate, the future of stable energy prices, and the health of our community.

The City of Moscow has shown that they recognize the risk for our climate and energy rates. In addition, they value the benefits that a transition to clean energy would bring to our local economy and community members. In 2010, Moscow set and then fulfilled a bold vision to reduce municipal emissions by 20% by 2020. And the University of Idaho has made their own 100% clean energy commitment - in 2011. Avista Power has also set a goal to have clean electricity by 2045, with carbon neutral energy by 2027.

Currently, City of Moscow leadership is proposing a strategy that would only expand carbon emission reductions by an additional 5% by 2030. We believe that Moscow can and should do more by **committing to 100% clean electricity by 2035 and clean energy 2045.**

Moscow is Ready for 100% Clean Energy

The Idaho Chapter Sierra Club, Moscow Climate Justice League and our community partners are supportive of the ambitious and innovative scope of energy work the City of Moscow is pursuing - and we think they could do more. We believe their approach to defining reachable goals paired with implementation schedules is critical to making progress that the public be engaged in reaching this commitment, especially considering Moscow's recognition as a university town of distinction.

The City of Moscow must begin a stakeholder process so that throughout the process, city leaders can continue to engage community stakeholders for feedback and help to guide the work. This is your chance to speak up and help Moscow shape the future of energy in North Idaho!

As similar cities around the country have pursued clean, renewable energy goal setting, we know that 100% clean energy has become the standard. This ambitious goal helps to guide markets, policy decisions, drive innovation in program development, and bring the benefits of a clean energy transition to their communities. Join us in thanking our city leaders for their work and asking them to join other cities around the U.S. by including a 100% clean energy goal for Moscow's future.

**LEARN MORE ABOUT 100% CLEAN ENERGY IN MOSCOW:
SIERRACLUB.ORG/IDAHO/READY-FOR-100-CLEAN-ENERGY-FOR-ALL**

A GROWING MOVEMENT FOR 100 PERCENT CLEAN, RENEWABLE ENERGY

Forty-Nine U.S. cities are currently powered by 100 percent clean energy: Aspen (CO), Burlington (VT), Greensburg (KS), Kodiak Island (AK), and Rock Port (MO).

More than 100 cities across the globe get 70 percent or more of their electricity from renewable resources.

There are over **125 major corporations that have made the commitment to go 100 percent renewable**, including HP Inc., Clif Bar, Google, and many major banks among others.

The **U.S. Conference of Mayors passed** a series of resolutions at their 2017 conference that included a **pledge to support cities' adoption of 100 percent renewable energy by 2035.** The Conference represents more than 1,400 cities across the country that account for 42 percent of all energy usage in the U.S.

Sixty-Eight percent of respondents to a statewide survey of Idahoan adults conducted by Colorado College in 2020 supported a goal of 100% clean and renewable energy for Idaho.

Scientific studies from Stanford conclude that **a transition to a 100 clean energy economy** by 2050 is technically feasible and would **save the average American family over \$200 a year** in energy costs and **\$1,500 a year** in healthcare costs.⁷



THE CASE FOR 100 PERCENT CLEAN ENERGY

- **Keeping clean energy dollars local would benefit our economy.** Idaho residents, businesses, and local government import about 2/3 of all their energy needs from out of state. A commitment to transition to clean energy would keep hundreds of millions of dollars in our economy, create local jobs and benefit every member of our community. The opportunity for investment is here.
- **Moscow needs to set aggressive goals to remain competitive with similar cities.** More than 180 cities in the U.S. have committed to transition their communities to 100% clean, renewable energy. Ambitious commitments by these cities, like Salt Lake City and Denver, have set the benchmark for sustainable city planning.
- **Clean energy is affordable now and more-so in the future.** The primary driver of renewable energy around the country are economic considerations. Renewable prices have plummeted over the last decade (wind by 67% and solar by 86%) and storage is increasingly affordable with expectations of future price drops (36% over next five years). These fuel free resources are cheaper than ever before a provide stability in energy pricing over the longterm.
- **Moscow's community wants an energy future that does not contribute to the climate crisis.** The Idaho Chapter Sierra Club has been talking with the community for the last two years and the consensus is clear, Moscow residents want to move away from fossil fuels. To ensure the livability of our community well in the future, Moscow must pursue both climate adaptation strategies and a future without greenhouse gas emissions.
- **Companies increasingly require clean energy access to do business.** Moscow has seen incredible economic development over the last decade. Significant progress on clean energy access will be necessary to continue attracting the type of companies we want to see in our city. Due to lagging state support for renewables, Moscow will need to drive clean energy investments to lure companies to North Idaho that can offer jobs and wages that can match rising housing prices.

Moscow can lead in Idaho by joining cities around the U.S. that have committed to a 100% clean future. **To learn more about the Ready for 100 campaign or get involved, contact us at idaho.chapter@sierraclub.org.**

Resources

1. <https://www.sierraclub.org/sites/www.sierraclub.org/files/sce-authors/u7661/Snapshot-39931%20%284%29.pdf?scv=1520371835952>
2. <https://www.idahopower.com/pdfs/AboutUs/PlanningForFuture/irp/2015/2015IRP.pdf>
3. <https://www.sierraclub.org/ready-for-100/commitments>
4. <https://www.cdp.net/en/cities/world-renewable-energy-cities>
5. <http://there100.org/companies>
6. http://legacy.usmayors.org/resolutions/85th_Conference/proposedcommittee.asp?committee=Energy
7. https://www.coloradocollege.edu/other/stateoftherockies/conservationinthewest/2021/ID2021_SotR_StateFactSheets.pdf
8. Carbon Neutral Cities Alliance
9. <http://www.nrel.gov/docs/fy16osti/65586.pdf>
10. <https://www.lazard.com/perspective/levelized-cost-of-energy-2017/>
<https://www.lazard.com/perspective/levelized-cost-of-storage-2017/>

HOW MOSCOW CAN LEAD NORTH IDAHO ON CLEAN, RENEWABLE ENERGY

Moscow is actively planning our energy future. Right now city staff are actively working on a vision for the future of carbon emissions in municipal operations without formal community involvement and input. They have already reduced 20% of carbon emissions from municipal operations. And the University of Idaho has made a 100% clean energy commitment in 2011. But this doesn't go far enough.

A champion of sustainability. Moscow has a track record for leadership on sustainable planning and implementation of local climate solutions. Increasingly, the scope of their sustainability work has included a focus on energy policy. Recently, Moscow has led on reducing municipal operation emissions by 20%, and seeks to expand opportunities for increased carbon sequestration. All of these initiatives are truly innovative and have been met with overwhelming community support.

Idaho is facing major energy decisions. Several of Avista Power's dirty, out-of-state coal power plants are scheduled for early retirement. As more dirty energy comes offline, the role of city leadership in defining the future of energy in Idaho becomes increasingly important. Cities of similar size have influenced energy decisions and led their utilities by using city goals to drive conversations about resource investments. Setting 100% clean energy goals leaves no room for interpretation, helping prioritize energy efficiency and renewable resources to ensure Idaho is preparing for the future of energy in the west.

Clean energy is taking off in Idaho. Two of the largest solar projects in the entire Pacific Northwest are located in Idaho. Rooftop solar grows exponentially every year. Utilities around the state are implementing community solar programs. Interstate 95 can become a major tourist thoroughfare if more electric vehicle charging stations are established. Weatherization programs for low income residents can help combat increasingly rising housing costs. The opportunity for growth is significant and Moscow's clean energy goal setting can continue driving expansion of our clean energy economy for all.



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