

## MOSCOW - READY FOR 100% CLEAN ENERGY!

The 2018 National climate assessment as well as the International Panel on Climate Change have concluded that if we are to have a good chance of limiting worldwide warming to 1.5C and avoid the worst effects of climate change, human civilization must reduce its output of greenhouse gases 45% by 2030 and completely by 2050

Roughly one third of U.S. greenhouse gas production comes from electrical generation, one third from the transportation sector, and the rest from everything else we do (including building climate control). Thus if we continue to clean up our electrical generation, and at the same time electrify our transportation and building climate control systems, we will be well on our way to 100% clean energy. As our electrical generation gets cleaner, the other sectors will get cleaner also!

Currently about 44% of Moscow's electricity comes from dirty fossil fuels despite the fact that clean, sustainable energy sources such as wind, solar, and geothermal are now competitive in cost, or even less expensive to develop compared to greenhouse gas-polluting fossil fuels. However the good news is that our electrical provider, Avista has a goal to provide 100% clean electricity by 2045!

Worldwide climate disasters are occurring at increasing frequencies, and more intense and frequent forest fires, floods and summer heat waves are threatening the quality of life here in Moscow also. However, not only has significant action to address climate change not occurred at the federal level, but the U.S. government executive branch is taking actions that will exacerbate climate change.

The Sierra Club's RF100 program helps cities and municipalities commit to and achieve 100% clean energy goals. Almost 1/3 of the U.S. population now lives in cities, other municipalities, or states which have committed to 100% clean renewable energy, and six U.S. cities have already achieved these goals.

The City of Moscow will achieve its previous goal of a 20% reduction in greenhouse gas pollutants by 2020, and we need to encourage the city to commit to a new goal of 100% clean energy by 2045! Sign the petition <<https://addup.sierraclub.org/campaigns/ready-for-100-clean-energy-in-moscow-idaho>> and contact us to learn more about this effort. Al Poplawsky <alpopsky@gmail.com>