What is Ready for 100?

Ready for 100 is a movement of your neighbors working to create a vision of a healthier community powered by 100% clean and renewable energy. Together we are calling on cities, towns, institutions and industry to <u>commit to a long-term, ambitious 100% clean, renewable energy goal,</u> and then back it up with measurable plans and near-term actions.

PA cities and towns are hubs for innovation and have been leading the way on climate, through the Mayor's Climate Compact and local sustainability plans. We know that 100% clean, renewable energy is the new standard for local climate protection.

We are asking township supervisors, mayors, CEOs, pastors, principals, civic and community leaders, parents and students to commit to solutions that help us achieve 100% clean, renewable energy across Pennsylvania by the year 2050 or sooner.

A 100% goal is achieved when the amount of energy generated from renewable energy sources in the city (or brought into it) equals (or exceeds) 100% of the annual energy consumed within that city. Many cities start by shifting their electricity to 100% renewable.

The benefits of clean, renewable energy are clear:

Saves money
Stanford scientists say the transition to 100% clean and renewable energy will save the average family over $350 dollars per year in energy costs by 2030 and another $1,500 per year in health care costs.

Creates good-paying jobs
The solar industry already employs over 200,000 people, nearly twice as many people as the coal mining industry. And according to the recent Solar Jobs Census, solar jobs grew 12 times faster than the overall economy in 2015, making solar one of the fastest-growing industries in America, and the fastest-growing industry in the world! Wind power generation has more than doubled in the past four years. Wind power employs over 80,000 people in the United States, and over 70% of wind turbine equipment is made in the U.S.

Is affordable
The prices have declined for both wind and solar over the past six years. Which means that supporting clean, renewable energy is not just about leadership, it's also about supporting our local economies, jobs, and the health of our communities.

Protects our health and our climate
NO air pollution
NO oil spills
NO gas leaks
NO water contamination
And is carbon neutral

Why do we need local renewable energy now?

Because we want everyone to have access to affordable, clean, renewable energy.

AND because we now have a safer alternative - cleaner, cheaper, healthier energy.

It's time for our local communities to step up to the plate. We all deserve clean air, good jobs, and strong leadership.

What cities have already pledged to achieve 100% renewable electricity?

City	Target date
Aspen, CO	Achieved
Burlington, VT	Achieved
Columbia, MD	2020
East Hampton, NY	2030
Georgetown, TX	2017
Grand Rapids, MI	2020
Greensburg, KS	Achieved
Nassau, NY	2020
Rochester, MN	2031
San Diego, CA	2035
San Francisco, CA	2020
Salt Lake City, UT	2032

Are you ready for 100% clean, renewable energy for all?

This moment in history—our moment—is a critical turning point. We must accelerate the transition from dirty fuels like coal and gas to clean, renewable energy sources like solar and wind to ensure climate recovery and fully realize the benefits of economic transition. Just as we switched from horses to cars, telegrams to telephones, typewriters to computers, and postal mail to email, we must now commit to switch from dirty fuels to clean energy.

How can I get involved?

It will require your voice and the voices of people all across Chester County to declare that we are Ready for 100.

Contact us - **the Southeastern Pennsylvania Group of the Sierra Club -** to learn how to:

- Raise awareness of the need for clean, renewable energy in our area
- Galvanize support for local control of our clean, renewable energy future.
- Present a transition plan to your township leadership
- Assist with our technical advisory team

Visit our local project web site:

southeastern.pasierra.org/rf100

What we do in Pennsylvania matters!

Pennsylvania is the third largest U.S. emitter of carbon dioxide.

There's a lot we can do.

A Chester County "Ready for 100" community is a township, borough , city or other institution that has made a public commitment to reach 100% clean energy by 2050 (or sooner), thus doing their fair share to help achieve a stable climate.

Philly businesses and schools get on board with clean, renewable energy

These Philadelphia-area organizations have made a clean energy pledge:

- Agway
- Amerisource Bergen
- Aramark
- Comcast
- Crown Holdings
- Lincoln National
- UGI
- Universal Health Services
- West Chester University

Major brands are also realizing that using clean, renewable energy is not just the right thing to do. It's good business. Apple, Ikea, Starbucks, and others have already made strides to move their companies toward 100% clean energy plans.

Chester County schools go solar:

Westtown School, Church Farm School, Patton Middle School, and Delaware Valley Friends School