



Presentation to Radnor Township Board of Commissioners
Ready for 100 "Green Team"
28 October 2019

Why are we here?

To request funding to develop a plan to meet the township energy conservation and renewable energy goals set for 2035 and 2050*

- Global transition to renewable energy is underway thru accelerating improvements in [renewable energy economics](#) and technology
- Many neighboring PA municipalities are committed to Rf100 goals



'Coal is on the way out': study finds fossil fuel now pricier than solar or wind

Around 75% of coal production is more expensive than renewables, with industry out-competed on cost by 2025



To ensure Radnor Township remains an attractive place to live and a competitive place to work

Who else is doing this?

- Ambler Borough
- Conshohocken Borough
- Downingtown Borough
- East Pikeland Township
- Haverford Township
- Kennett Township
- Lansdowne Borough
- Narberth Borough
- Norristown Borough
- City of Philadelphia
- Phoenixville Borough
- Plymouth Township
- Radnor Township
- Schuylkill Township
- Springfield Township
- Swarthmore Borough
- Tredyffrin Township
- Upper Merion Township
- Uwchlan Township
- West Chester Borough
- Whitemarsh Township

This is an opportunity to collaborate, and not get left behind

Why do we need help with energy planning?

Professional expertise is needed for a complex, multi-decade task

- Determine baseline energy use in each sector
- Facilitate engagement with key stakeholders
- Shape a plan specific to Radnor Township but in compliance with state regulations
- Target energy conservation and transition projects with high Return on Investment
- Public education and outreach

We need an actionable plan, that works for Radnor

Why is the selected firm the best choice?

Best qualified to meet Radnor needs out of 4 proposals

- Served 80 local municipalities with energy auditing/modeling, and energy conservation and renewable energy planning
- Evaluated over 70 buildings in Delaware County and 38 municipal buildings in Chester County
- Developed an energy efficiency and renewable energy guide for Delaware County municipalities in conjunction with the Delaware County Planning Department
- Developed curriculum for high school and secondary education
- Provided support for energy grant proposals and utility incentive applications

The selected firm is very familiar with municipal energy planning in Southeastern PA and is the most competitively priced

What are we asking the BoC to do?

Approve the funding request for the
energy planning consultant

Set Radnor Township on the path to a clean,
prosperous future

*THE BEST TIME TO PLANT A TREE WAS 20 YEARS AGO. THE SECOND BEST TIME IS NOW.
—CHINESE PROVERB*