

**A RESOLUTION BY THE BOARD OF SUPERVISORS OF
EAST PIKELAND TOWNSHIP, PA
IN SUPPORT OF A TRANSITION TO 100% RENEWABLE ENERGY**

WHEREAS the Board of Supervisors is committed to the health, safety, livability, prosperity, independence, and security of East Pikeland Township and its residents; and

WHEREAS the scientific community agrees that man-made sources of greenhouse gasses greatly contribute to climate change;¹ and

WHEREAS Climate Change is a threat to survival on this planet as we know it; and

WHEREAS Recent studies indicate that immediate action is needed to combat the effects of climate change;^{2,3,4} and

WHEREAS The East Pikeland Township community seeks a healthy and viable future for current and future generations; and

WHEREAS The transition away from carbon-based fuels is in the public interest and will improve air and water quality and protect the health of our residents, particularly the most vulnerable across our community;⁵ and

WHEREAS Renewable energy may offer greater economic security, lower electricity costs, and an affordable energy solution for East Pikeland Township residents; and

WHEREAS East Pikeland Township is represented on the Phoenixville Regional Planning Committee; and the Phoenixville Regional Comprehensive Plan encourages member municipalities to consider adoption of resolutions to implement 100% renewable sourced electricity usage;

NOW THEREFORE BE IT RESOLVED that the Board of Supervisors of East Pikeland Township commit to:

1. Join other towns and cities in the national movement to set a goal to transition to 100% clean and renewable energy, and to complete this transition for electricity by 2035 and for heat and transportation by 2050;⁶ and
2. Define clean, renewable energy as carbon-free and pollution-free energy generated from renewable sources such as wind, solar, small hydro, tidal, fuel cells, geothermal, and other sources yet to be developed; and
3. Collaborate with neighboring townships and boroughs to develop a comprehensive community energy plan; and

4. Facilitate the drafting of a municipal clean energy transition plan to include recommendations, interim milestones, implementation strategies, financial and equity incentives, potential financing mechanisms, and other metrics and requirements as determined by the Board of Supervisors in coordination and consultation with the Environmental Advisory Council; and
5. Prioritize energy efficiency, as recommended in the clean energy transition plan, for the Township's various facilities and operations, as well as carbon-neutral sources for heating/cooling and transportation; and
6. Prioritize locally produced and distributed energy whenever feasible; and
7. Educate and inform citizens and businesses of the importance, need, and benefit of implementing a 100% renewable energy strategy for the community as a whole; and
8. Maximize opportunities for citizen participation in developing these strategies; and
9. Call on the Commonwealth of Pennsylvania to: set a goal to use 100% renewable energy for all purposes no later than 2050; adopt codes and standards to increase the efficiency of buildings and appliances; and increase the Alternative Energy Portfolio Standard to levels that put the Commonwealth on track to meet 100% renewable energy goals.

¹ Climate Science Special Report: Fourth National Climate Assessment (NCA4), Volume 1. (2017). Retrieved from <https://science2017.globalchange.gov/>.

² World Meteorological Organization, 2019, WMO Statement on the State of the Global Climate in 2018, WMO-No. 1233, Geneva 2, Switzerland, World Meteorological Organization. Retrieved from https://library.wmo.int/doc_num.php?explnum_id=5789 on May 31, 2019.

³ Hoegh-Guldberg, O., D. Jacob, M. Taylor, M. Bindi, S. Brown, I. Camilloni, A. Diedhiou, R. Djalante, K.L. Ebi, F. Engelbrecht, J. Guiot, Y. Hijikata, S. Mehrotra, A. Payne, S.I. Seneviratne, A. Thomas, R. Warren, and G. Zhou, 2018: Impacts of 1.5°C Global Warming on Natural and Human Systems. In: Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty [Masson-Delmotte, V., P. Zhai, H.-O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J.B.R. Matthews, Y. Chen, X. Zhou, M.I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, and T. Waterfield (eds.)]. In Press.

⁴ Municipal Management in a Changing Climate; Municipal Implementation Tool #031. (2018). Retrieved from <https://www.dvrpc.org/Products/MIT031/>

⁵ Municipal Management in a Changing Climate; Municipal Implementation Tool #031. (2018). Retrieved from <https://www.dvrpc.org/Products/MIT031/>

⁶ Sierra Club: Ready for 100. (n.d.) Retrieved from <https://www.sierraclub.org/ready-for-100>.