

**TREDYFFRIN TOWNSHIP
RESOLUTION NO. 2019-18**

**A RESOLUTION OF THE BOARD OF SUPERVISORS OF TREDYFFRIN
TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA, SUPPORTING A
100% RENEWABLE ENERGY FUTURE BY 2050**

WHEREAS, renewable energy is energy sustainably generated from renewable sources. Green or clean energy is a subset of renewable energy produced from sources such as wind, solar, hydro, tidal, and geothermal. See <https://www.epa.gov/greenpower/what-green-power>. Locally produced and distributed energy is prioritized for the many advantages it provides to the community.

WHEREAS, the 2015 United Nations Climate Change Conference in Paris resulted in a consensus among 195 countries to limit the increase in global average temperatures to well below 2°, ensure that of greenhouse gas emissions will not exceed sinks (total carbon capture) by the second half of this century, and become carbon neutral between 2050 and 2100.

WHEREAS, according to the 2018 Intergovernmental Panel on Climate Change (IPCC) report (<https://www.ipcc.ch/2018/10/08/summary-for-policymakers-of-ipcc-special-report-on-global-warming-of-1-5c-approved-by-governments/>), "limiting global warming to 1.5°C would require “rapid and far-reaching” transitions in land, energy, industry, buildings, transport, and cities. Global net human-caused emissions of carbon dioxide (CO₂) would need to fall by about 45% from 2010 levels by 2030, reaching ‘net zero’ around 2050. This means that any remaining emissions would need to be balanced by removing CO₂ from the air." As reported by the government-mandated 2017 USGCRP report (<https://science2017.globalchange.gov/chapter/7>), it is likely that climate change will increase both precipitation and large storms.

WHEREAS, on January 8, 2019, Pennsylvania Governor Tom Wolf signed Executive Order No.2019-01, ‘Commonwealth Leadership in Addressing Climate Change and Promoting Energy Conservation and Sustainable Governance’. This executive order states that the commonwealth will work to achieve a 26% reduction of greenhouse gas emissions from 2005 levels by 2025, and an 80% reduction by 2050.

WHEREAS, on April 29, 2019, Governor Wolf joined the U.S. Climate Alliance, a bipartisan coalition of 24 governors to address climate change. In order to be a member, a state has to commit to three goals:

1. Implement policies that advance the goals of the Paris Agreement, aiming to reduce greenhouse gas emissions by at least 26-28% below 2005 levels by 2025,
2. Track and report progress to the global community in appropriate settings, including when the world convenes to take stock of the Paris Agreement, and

3. Accelerate new and existing policies to reduce carbon pollution and promote clean energy deployment at the state and federal level.

WHEREAS, the Chester County Board of Commissioners signed Resolution No. 45-07 on June 9, 2007, declaring concern for the effects of CO₂ on global temperatures and stating that it is in the public interest to address environmental issues that affect Chester County. As a result, the Greenhouse Gas Reduction Task Force was formed and released the Chester County Greenhouse Gas Reduction Report in May 2010.

WHEREAS, the Tredyffrin Township Board of Supervisors adopted a resolution on December 18, 2006 in which Tredyffrin Township would offset at least 20% of its electricity usage with clean energy sources by the year 2010. Staff and the Environmental Advisory Council were directed to investigate clean energy options and make recommendations to the Board of Supervisors so that Tredyffrin Township would be able to reach the 20% by 2010 goal. In addition, the Board of Supervisors would encourage all businesses, institutions, and households within Tredyffrin Township to adopt the goals and purpose of promoting clean energy by purchasing clean energy through a Pennsylvania-based clean energy supplier to advance this program.

WHEREAS, Tredyffrin Township is committed to being a community characterized by health, safety, livability, prosperity, and equity.

WHEREAS, one strategy for achieving a cost-effective energy source transition is through collaboration with other Chester County energy leaders and participating in aggregated procurement contracts for regional wind and solar energy.

NOW, THEREFORE BE IT RESOLVED THAT:

- Tredyffrin Township will join other towns and cities in the goal to transition to 100% clean and renewable energy community wide as follows: community-wide adoption of clean renewable electricity by 2035 and 100% renewable energy for heating/cooling and transportation by 2050.
- Tredyffrin Township will actively seek partnerships with surrounding townships and/or boroughs to hire a collective energy planner – similar to that being employed by the [West Chester Area Council of Governments](#) – to draft an energy transition plan for achieving the above-mentioned goals. The plan should include interim milestones, financial impacts, equity metrics, potential financing mechanisms, and percentage of locally produced clean energy.
- Tredyffrin stakeholders will have the opportunity and are encouraged to participate in the planning and implementation process.

- Tredyffrin Township calls on the State of Pennsylvania to set a goal to use 100% renewable energy for all purposes no later than 2050.

**BOARD OF SUPERVISORS
TREDYFFRIN TOWNSHIP**

Murph Wysocki, Chairman

Mark Freed, Vice-Chairman

Julie Gosse

Heather Greenberg

Matthew Holt

Reaves C. Lukens, III

Kevin O’Nell

ATTEST:

William F. Martin, Township Manager/Secretary