

Town of Poolesville Renewable Energy Model Policy

Amendment to Sustainable Procurement Policy

A POLICY DECLARING THE TOWN OF POOLESVILLE'S INTENT TO TAKE A LEADERSHIP ROLE IN RENEWABLE ENERGY GENERATION WITHIN TOWN OF POOLESVILLE, PARTNERING WITH THE MARYLAND ENERGY ADMINISTRATION, AND ENROLLING AS A MARYLAND SMART ENERGY COMMUNITY.

WHEREAS, by adhering to the Maryland Energy Administration's Smart Energy Communities Program the Town of Poolesville has committed to being a socially responsible leader by increasing control of its own renewable energy production; and

WHEREAS, the Town of Poolesville recognizes that by smartly investing in renewable energy, it can have significant monetary savings in the long term;

NOW, THEREFORE, THE TOWN OF POOLESVILLE COMMISSION RESOLVES TO ADOPT THE FOLLOWING GOALS AND COMPLETE THE FOLLOWING INITIATIVES LISTED BELOW:

Section 1: PURPOSE. The purpose of this policy is:

- To become a Maryland Smart Energy Community by enrolling within the program and following the instructions provided by the State of Maryland.
- To reduce conventional centralized electricity generation serving local government buildings by exceeding 20 percent of those buildings' electricity demand with distributed, renewable energy generation by 2022.
- To develop and initiate a Renewable Energy Action Plan to map out how the community will sustain its 80 percent Renewable Energy Goal.
- To report electricity consumption and renewable generation capacity annually to the Maryland Energy Administration in order to assure that the Town of Poolesville accomplishes said goals in a timely fashion.

Section 2: DEFINITION. For the purpose of this policy, the following terms shall have the meaning given:

- a) *Renewable Energy* - Energy generated from anyone of the following sources: solar, wind, biomass (excluding saw dust), methane from anaerobic digestion of organic materials, geothermal, ocean, fuel cells powered by methane or biomass, poultry litter, and waste-to-energy facilities.
- b) *Electricity Consumption* - The amount of kilowatt-hours (kWhs) consumed by Town of Poolesville on an annual basis including electricity generated and used on-site and electricity purchased from a utility.
- c) *Renewable Energy Action Plan* - Provides details on current and future electricity consumption, estimates required renewable energy production to meet 20 percent of said energy consumption, and designs plans with detailed installation measures and time tables that enable the town to reach its 2022 goal.
- d) *Baseline* - Total electricity consumption (kWhs) in a pre-determined baseline year. May

include streetlights, but is not mandatory. Must include all buildings as well as sewer and water facilities.

Section 3: BASELINE DOCUMENTATION

The baseline including data related to the specific time period, electricity consumption, building size, and results will be completed by January 27, 2022 and can be found as an appendix to later be attached to this document titled, "MSEC_Baseline_Town of Poolesville"

Section 4: GUIDELINES.

The Town of Poolesville will maintain an annual electricity consumption inventory for all Town of Poolesville owned buildings and energy consuming entities. This annual inventory will be conducted using Energy Star Portfolio Manager (or equivalent energy management program previously approved by the Maryland Energy Administration).

Plans and implementation

The Town of Poolesville will additionally conduct a Renewable Energy Action Plan to assess the amount of renewable energy that currently exists within Town of Poolesville. Any currently existing renewable energy will be included within the 20 percent reduction goal. For example, if the Town determines from the Renewable Energy Action Plan that it already meets 3 percent of its energy consumption needs with renewable energy, only an additional 17 percent of renewable energy production would be required in order to meet the Town's final goal.

Finally, the Town will implement the necessary projects in order to ensure that a minimum of 20 percent of local government building's energy consumption is supplemented by locally generated renewable energy sources by the year 2022.

Questions/Enforcement

All inquiries should be directed to the person responsible for implementing this policy. The Town Manager and/or their designee will implement this policy.

Applicability

This policy applies to all departments of the Town of Poolesville with the exception of the exclusions outlined in the definitions above.

Section 5: EFFECTIVE DATE

This policy shall be effective immediately.

_____ **Date**

_____ (Wade Yost, Town Manager)

Town/City/County Energy Efficiency Policy

Original Proposal Date January 28, 2022

Revision Date _____

Adoption Date _____

Effective Date _____