



Effective: December 19, 2018

A RESOLUTION OF THE CITY COUNCIL OF NEW CARROLLTON ADOPTING A POLICY DECLARING THE CITY OF NEW CARROLLTON'S INTENT TO TAKE A LEADERSHIP ROLE IN RENEWABLE ENERGY GENERATION WITHIN THE CITY OF NEW CARROLLTON, PARTNERING WITH THE MARYLAND ENERGY ADMINISTRATION, AND ENROLLING AS A MARYLAND SMART ENERGY COMMUNITY

WHEREAS, the University of Maryland Environmental Finance Center and the Maryland Energy Administration have partnered to coordinate the Maryland Smart Energy Communities Program. The Maryland Smart Energy Communities Program is an opportunity for a municipality such as the City of New Carrollton to take control of its energy consumption and future energy needs by adopting policies related to energy efficiency and renewable energy for the municipality. By adopting such policies, a municipality can be designated a Smart Energy Community and be eligible for grant funding on energy projects; and

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

WHEREAS, the City of New Carrollton recognizes that by smartly investing in renewable energy, it can have significant monetary savings in the long term.

NOW, THEREFORE, BE IT RESOLVED by the City Council of New Carrollton that the Renewable Energy Policy attached hereto as Exhibit A is hereby adopted.

ADOPTED AND ENACTED BY THE CITY COUNCIL OF NEW CARROLLTON THIS 19th DAY OF DECEMBER, 2018.

Richard Bechtold, Chairman
City Council

[SEAL]

ATTEST:

Douglass A. Barber, CMC
City Clerk

APPROVED:

Duane H. Rosenberg
Mayor

Date: December 20, 2018

Exhibit A

**CITY OF NEW CARROLLTON
RENEWABLE ENERGY POLICY**

Section 1: PURPOSE.

The purpose of this Renewable Energy Policy is:

- To become a Maryland Smart Energy Community by enrolling in the Maryland Smart Energy Community Program.
- To reduce conventional centralized electricity generation serving City government buildings by meeting 20 percent of those buildings' electricity demand with distributed, renewable energy generation by 2023.
- To develop and initiate a Renewable Energy Action Plan to map out how the community will reach its Renewable Energy Goal.
- To report electricity consumption and renewable generation capacity annually to the Maryland Energy Administration in order to assure that the City of New Carrollton accomplishes the stated 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 any one 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 the City of New Carrollton 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, provides estimates regarding the renewable energy production required to meet 20 percent of the energy consumption, and designs plans with detailed installation measures and time tables that enable the City to reach its 2023 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 April 1, 2019 and will be found as an appendix later attached to this document titled “MSEC Baseline City of New Carrollton.”

Section 4: GUIDELINES.

The City of New Carrollton will maintain an annual electricity consumption inventory for all City of New Carrollton 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).

Section 5. PLANS AND IMPLEMENTATION

The City of New Carrollton will additionally conduct a Renewable Energy Action Plan to assess the amount of renewable energy that currently exists within City of New Carrollton. Any currently existing renewable energy will be included within the 20 percent reduction goal. For example, if the City 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 City’s final goal.

Finally, the City will implement the necessary projects in order to ensure that a minimum of 20 percent of City owned government building’s energy consumption is supplemented by locally generated renewable energy sources by the year 2023.

Section 6. QUESTIONS/ENFORCEMENT

All inquiries should be directed to the City of New Carrollton Community Energy Manager and/or their designee, who is the person responsible for implementing this Policy.

Section 7. APPLICABILITY

This Policy applies to all departments of the City of New Carrollton with the exception of the exclusions outlined in the definitions above.