



Resolution 18-01  
Renewable Energy Model Policy

Effective: November 15, 2017

**A RESOLUTION TO ADOPT A RENEWABLE ENERGY MODEL POLICY IN THE CITY OF NEW CARROLLTON.**

**WHEREAS**, the City of New Carrollton wishes to enact a policy declaring the City's intent to take a leadership role in renewable energy generation/acquisition within the City, partnering with the Maryland Energy Administration, and enrolling as a Maryland Smart Energy Community; 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, THE NEW CARROLLTON CITY COUNCIL 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 meeting 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 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 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 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, 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 City of New Carrollton 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 are targeted to be completed by the end of December 2017 and can be found as an appendix to later be attached to this document titled, “MSEC Baseline for the City of New Carrollton”

### **Section 4: GUIDELINES**

The City of New Carrollton will maintain an annual electricity consumption inventory for all City 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 City of New Carrollton will additionally conduct a Renewable Energy Action Plan to assess the amount of renewable energy that currently exists within the 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 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 Community Energy Manager and/or their designee will implement this policy.

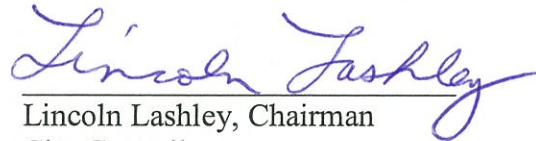
#### ***Applicability***

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

**Section 5: EFFECTIVE DATE**

This policy shall be effective immediately (Wednesday, November 15, 2017).


ADOPTED AND ENACTED BY THE CITY COUNCIL OF THE CITY OF NEW CARROLLTON, MARYLAND THIS 15TH DAY OF NOVEMBER 2017.

  
Lincoln Lashley, Chairman  
City Council

[SEAL]

Date: November 15, 2017

**ATTEST:**

  
Douglass A. Barber, CMC  
City Clerk

**APPROVED:**

  
Andrew C. Hanko  
Mayor

Date: November 15, 2017