

Introduced by: Councilmember Daniels-Cohen

**CITY OF TAKOMA PARK, MARYLAND
RESOLUTION 2013-41**

**DECLARING THE CITY OF TAKOMA PARK'S INTENT TO TAKE A LEADERSHIP
ROLE IN RENEWABLE ENERGY GENERATION WITHIN THE CITY,
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 City of Takoma Park has committed to being a socially responsible leader by increasing control of its own renewable energy production; and

WHEREAS, the City of Takoma Park 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 COUNCIL OF THE CITY OF TAKOMA PARK THAT:

Section 1. The City will establish a policy for renewable energy generation by completing the following initiatives:

- Become a Maryland Smart Energy Community by enrolling within the program and following the instructions provided by the State of Maryland.
- 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.
- Develop and initiate a Renewable Energy Action Plan to map out how the community will reach its Renewable Energy Goal.
- Report electricity consumption and renewable generation capacity annually to the Maryland Energy Administration in order to assure that the City of Takoma Park accomplishes said goals in a timely fashion.

Section 2. 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 megawatt-hours (MWhs) consumed by the City of Takoma Park on a CY basis excluding electricity consumed for streetlights and for buildings owned by City of Takoma Park, but paid for by a building lessee.

- 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 Takoma Park to reach its 2022 goal.

Section 3. The City of Takoma Park 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), the results of which will be presented to the Maryland Energy Administration by no later than April 1st of each year until the completion of said goals are accomplished.

The following information shall be included in an annual inventory of community electricity consumption and provided to the Maryland Energy Administration:

Building Type and Address	Building Size	Electricity - Conventional	Electricity - Renewable Energy	Total MWh	Electricity Consumption Intensity
	Square Feet	MWh	MWh		Total MWh/SF
<i>Community Center</i>	26,610				
<i>Public Works</i>	21,464				
<i>Heffner Park Community Center</i>	1,850				
Subtotal for Buildings	49,924				
Total					

Section 4. The City of Takoma Park will additionally conduct a Renewable Energy Action Plan to assess the amount of renewable energy that currently exists within City of Takoma Park. 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.

- Section 5. The City will implement the necessary projects in order to ensure that a minimum of 20 percent of the local government buildings' energy consumption is supplemented by locally generated renewable energy sources by the year 2022.
- Section 6. All inquiries should be directed to the Public Works Director who is responsible for implementing this policy. This policy applies to all departments of the City.
- Section 7. This policy shall be effective immediately.

Adopted this 1st day of July, 2013 by the Council of the City of Takoma Park, Maryland.

ATTEST:

Jessie Carpenter, CMC
City Clerk

Town/City/County Energy Efficiency Policy	
Original Proposal Date	
Revision Date	
Adoption Date	
Effective Date	