

**RESOLUTION ESTABLISHING ENERGY BENCHMARKING REQUIREMENTS FOR
CERTAIN MUNICIPAL BUILDINGS**

WHEREAS, buildings are the single largest user of energy in the State of New York. The poorest performing buildings typically use several times the energy of the highest performing buildings—for the exact same building use; and

WHEREAS, collecting, reporting, and sharing building energy data on a regular basis allows municipal officials and the public to understand the energy performance of municipal buildings relative to similar buildings nationwide, and equipped with this information the Village of Warwick is able to make smarter, more cost-effective operational and capital investment decisions, reward efficiency, and drive widespread, continuous improvement; and

WHEREAS, the Village of Warwick Board of Trustees desires to use Building Energy Benchmarking - a process of measuring a building's energy use, tracking that use over time, and comparing performance to similar buildings - to promote the public health, safety, and welfare by making available good, actionable information on municipal building energy use to help identify opportunities to cut costs and reduce pollution in the Village of Warwick; and

WHEREAS, the Village of Warwick Board of Trustees desires to establish procedure or guideline for the Village of Warwick staff to conduct such Building Energy Benchmarking; and

NOW THEREFORE, IT IS HEREBY RESOLVED AND DETERMINED, that the following specific policies and procedures are hereby adopted;

BUILDING ENERGY BENCHMARKING POLICY/PROCEDURES

§1. DEFINITIONS

(A) “Benchmarking Information” shall mean information generated by Portfolio Manager, as herein defined including descriptive information about the physical building and its operational characteristics.

(B) “Building Energy Benchmarking” shall mean the process of measuring a building's Energy use, tracking that use over time, and comparing performance to similar buildings.

(C) “Commissioner” shall mean the head of the Department.

(4) “Covered Municipal Building” shall mean a building or facility that is owned or occupied by the Village of Warwick that is 1,000 square feet or larger in size.

(5) “Department” shall mean the Building Department.

(6) “Energy” shall mean electricity, natural gas, steam, hot or chilled water, fuel oil, or other product for use in a building, or renewable on-site electricity generation, for purposes of providing heating, cooling, lighting, water heating, or for powering or fueling other end-uses in the building and related facilities, as reflected in Utility bills or other documentation of actual Energy use.

(7) “Energy Performance Score” shall mean the numeric rating generated by Portfolio Manager that compares the Energy usage of the building to that of similar buildings.

(8) “Energy Use Intensity (EUI)” shall mean the kBtUs (1,000 British Thermal Units) used per square foot of gross floor area.

(9) “Gross Floor Area” shall mean the total number of enclosed square feet measured between the exterior surfaces of the fixed walls within any structure used or intended for supporting or sheltering any use or occupancy.

(11) “Portfolio Manager” shall mean ENERGY STAR Portfolio Manager, the internet-based tool developed and maintained by the United States Environmental Protection Agency to track and assess the relative Energy performance of buildings nationwide, or successor.

(12) “Utility” shall mean an entity that distributes and sells Energy to Covered Municipal Buildings.

(13) “Weather Normalized Site EUI” shall mean the amount of Energy that would have been used by a property under 30-year average temperatures, accounting for the difference between average temperatures and yearly fluctuations.

§2. APPLICABILITY

(1) This policy is applicable to all Covered Municipal Buildings as defined in Section 2 of this policy.

(2) The Commissioner may exempt a particular Covered Municipal Building from the benchmarking requirement if the Commissioner determines that it has characteristics that make benchmarking impractical.

§3. BENCHMARKING REQUIRED FOR COVERED MUNICIPAL BUILDINGS

(1) No later than May 1, 2019, and no later than May 1 every year thereafter, the Commissioner or his or her designee from the Department shall enter into Portfolio Manager the total Energy consumed by each Covered Municipal Building, along with all other descriptive information required by Portfolio Manager for the previous calendar year.

(2) For new Covered Municipal Buildings that have not accumulated 12 months of Energy use data by the first applicable date following occupancy for inputting Energy use into Portfolio Manager, the Commissioner or his or her designee from the Department shall begin inputting data in the following year.

§4. DISCLOSURE AND PUBLICATION OF BENCHMARKING INFORMATION

(1) The Department shall make available to the public on the internet Benchmarking Information for the previous calendar year:

(a) no later than September 1, 2019 and by September 1 of each year thereafter for Covered Municipal Buildings; and

(2) The Department shall make available to the public on the internet and update at least annually, the following Benchmarking Information:

(a) Summary statistics on Energy consumption for Covered Municipal Buildings derived from aggregation of Benchmarking Information; and

(b) For each Covered Municipal Building individually:

(i) The status of compliance with the requirements of this Policy; and

(ii) The building address, primary use type, and gross floor area; and

(iii) Annual summary statistics, including site EUI, Weather Normalized Source EUI, annual GHG emissions, and an Energy Performance Score where available; and

(iv) A comparison of the annual summary statistics (as required by Section 5(2)(b)(iii) of this Policy) across calendar years for all years since annual reporting under this Policy has been required for said building.

§5. MAINTENANCE OF RECORDS

The Department shall maintain records as necessary for carrying out the purposes of this Policy, including but not limited to Energy bills and other documents received from tenants and/or Utilities. Such records shall be preserved by the Department for a period of three (3) years.

§6. ENFORCEMENT AND ADMINISTRATION

(1) The Commissioner or his or her designee from the Department shall be the Chief Enforcement Officer of this Policy.

(2) The Chief Enforcement Officer of this Policy may promulgate regulations necessary for the administration of the requirements of this Policy.

(3) Within thirty days after each anniversary date of the effective date of this Policy, the Chief Enforcement Officer shall submit a report to the Board of Trustees including but not limited to summary statistics on Energy consumption for Covered Municipal Buildings derived from aggregation of Benchmarking Information, a list of all Covered Municipal Buildings identifying each Covered Municipal Building that the Commissioner determined to be exempt from the benchmarking requirement and the reason for the exemption, and the status of compliance with the requirements of this Policy.

§7. EFFECTIVE DATE

This policy shall be effective immediately upon passage.

§8. SEVERABILITY

The invalidity or unenforceability of any section, subsection, paragraph, sentence, clause, provision, or phrase of the aforementioned sections, as declared by the valid judgment of any court of competent jurisdiction to be unconstitutional, shall not affect the validity or

enforceability of any other section, subsection, paragraph, sentence, clause, provision, or phrase, which shall remain in full force and effect.

Trustee Cheney presented the foregoing resolution, which was seconded by Trustee Patterson,

The vote on the foregoing resolution was as follows:

Barry Cheney, Trustee, voting Aye

William Lindberg, Trustee, voting Absent

Eileen Patterson, Trustee, voting Aye

George McManus, Trustee, voting Aye

Michael Newhard, Mayor, voting Aye

July 1, 2019 Village of Warwick Board Meeting P. 8245

CLIMATE SMART COMMUNITY PLEDGE RESOLUTION

WHEREAS, the Village of Warwick (hereinafter “local government”) believes that climate change poses a real and increasing threat to our local and global environments and is primarily due to the burning of fossil fuels; and

WHEREAS, the effects of climate change will endanger our infrastructure, economy and livelihoods; harm our farms, orchards, and ecological communities, including native fish and wildlife populations; spread invasive species and exotic diseases; reduce drinking water supplies and recreational opportunities; and pose health threats to our citizens; and

WHEREAS, we believe that our response to climate change provides us with an unprecedented opportunity to save money, and to build livable, energy-independent and secure communities, vibrant innovation economies, healthy and safe schools, and resilient infrastructures; and

WHEREAS, we believe the scale of greenhouse gas (GHG) emissions reductions required for climate stabilization will require sustained and substantial efforts; and

WHEREAS, we believe that even if emissions were dramatically reduced today, communities would still be required to adapt to the effects of climate change for decades to come,

IT IS HEREBY RESOLVED that the Village of Warwick, in order to reduce greenhouse gas emissions and adapt to a changing climate, adopts the New York State Climate Smart Communities pledge, which comprises the following ten elements:

- 1) Build a climate-smart community.
- 2) Inventory emissions, set goals, and plan for climate action.
- 3) Decrease energy use.
- 4) Shift to clean, renewable energy.
- 5) Use climate-smart materials management.
- 6) Implement climate-smart land use.
- 7) Enhance community resilience to climate change.
- 8) Support a green innovation economy.

- 9) Inform and inspire the public.
- 10) Engage in an evolving process of climate action.

Trustee Cheney presented the foregoing resolution, which was seconded by Trustee McManus,

The vote on the foregoing resolution was as follows:

Barry Cheney, Trustee, voting	Aye
William Lindberg, Trustee, voting	Absent
Eileen Patterson, Trustee, voting	Aye
George McManus, Trustee, voting	Aye
Michael Newhard, Mayor, voting	Aye

July 1, 2019 Village of Warwick Board Meeting P. 8249