

ENVIRONMENTAL CONCERNS & REAL PROPERTY TAX SERVICES COMMITTEE  
ENVIRONMENTAL CONCERNS AGENDA  
NOVEMBER 24, 2020

COMMITTEE MEMBERS: Supervisors Braymer, Dickinson, Hogan, Beaty, Merlino, Simpson & Strough

- I. Committee meeting called to order by Chair
- II. Approval of minutes of prior Committee Meeting
- III. Action Agenda/New Business Items: None.
  1. Appointments to the Climate Smart Task Force (referred from Economic Growth & Development Committee)
- IV. Discussion Items:
  1. 2019 Building Energy Benchmarking Report
  2. Overview of Municipal Waste Reduction & Recycling grant application submitted in October 2020.
- V. Referrals/Pending Items:
- VI. Privilege of the floor and public comment (please allow for 15 second delay on live stream meetings)
- VII. Motion to adjourn

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Attachments: 

1. 2019 Building Energy Benchmarking Report
2. Resolution request
3. Application for Recycling Education & Promotion

## ***RESOLUTION REQUEST FORM NO. 20***

### ***MISCELLANEOUS***

***\*Please List All Other Requests Not Covered by Previous Resolution Request Forms Here.  
Please attach any backup information available and be as detailed as possible.***

**DEPARTMENT NAME: Planning & Community Development**

**DATE: November 5, 2020**

- (a) Purpose of Request: **1. Appoint Climate Smart Coordinator 2. Appoint members to Climate Smart Task Force**
- (b) Details: **1. Appoint Chris Belden, AICP, Assistant County Planner, as Climate Smart Coordinator 2. Appointment of members to the Climate Smart Task Force (see attachment)**
- (c) Previous Resolution Number: **549/2019 and 36/2020**
- (d) Where are the Funds (if required)? List Budget Code, Object Code, Full Title\* and Amount:

**Sample: A.8021 470 Planning & Community Development – Contract**

\* as listed in budget and LOGOS



# Warren County Climate Smart Task Force



## Climate Smart Task Force

The Warren County Climate Smart Task Force was established in 2019 to assist with developing strategies that curb greenhouse gas emissions and adapt to the impacts of global climate change. In 2020, Warren County earned the designation of Certified Bronze Climate Smart Community (CSC), by New York State.

For 2021, we recommend reducing the size of the Task Force and establishing advisory members. Appointments are made for a term of one (1) year.

## Climate Smart Coordinator

The Climate Smart Coordinator is responsible for the management and outreach for the County's CSC Program. Chris Belden, AICP, Assistant County Planner, has served as the Coordinator since establishing the program. We recommend his reappointment to that role for 2021.

## Proposed Task Force Members

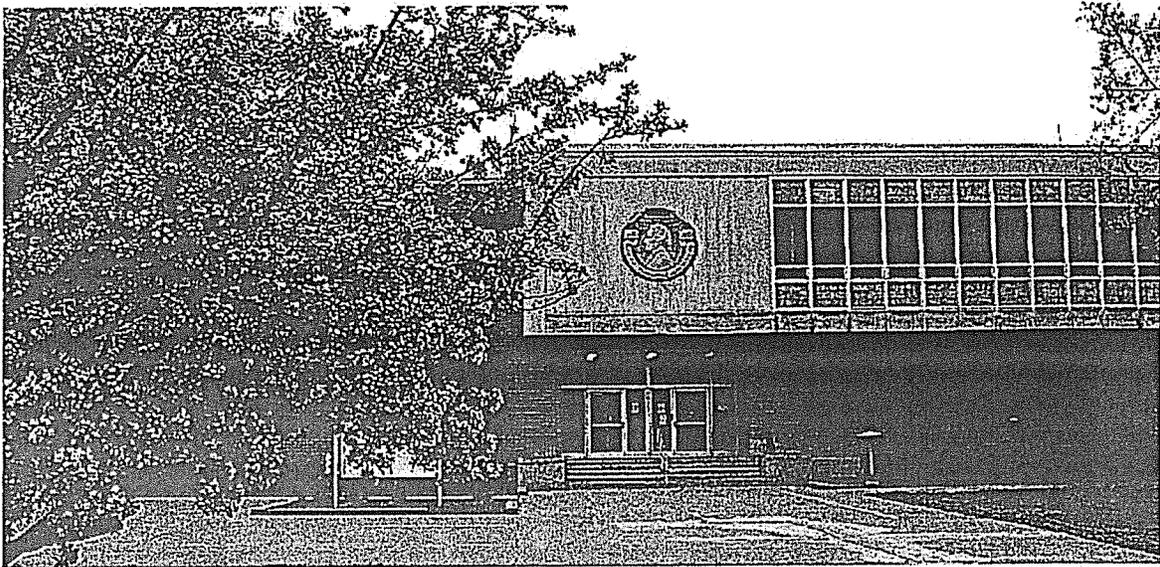
Climate Smart Task Force		
Name	Title	Organization
Chris Belden, AICP	Assistant County Planner/ Climate Smart Coordinator	Warren County Department of Planning & Community Development
Sara Frankenfeld	GIS Administrator	Warren County Department of Planning & Community Development
Beth Gilles ‡	Director	Lake Champlain-Lake George Regional Planning Board
Allison Hargrave-Gaddy, AICP ‡	Senior Planner	Lake Champlain-Lake George Regional Planning Board
Jim Lieberum, CPESC ‡	District Manager/ Hazard Mitigation Coordinator	Warren County Soil & Water Conservation District
Jack Mance, AICP ‡	Senior Transportation Planner	Adirondack/Glens Falls Transportation Council
Scott Royael ‡	Sustainability Coordinator	SUNY Adirondack

Climate Smart Task Force – Advisory Members		
Name	Title	Organization
Amanda Beck	Junior Planner	Warren County Planning Department
Dan Barusch ‡	Director of Planning & Zoning	Town of Lake George
Tammie DeLorenzo	Assistant to the County Administrator	Warren County Administrator
Amy Drexel, AEM	Emergency Services Coordinator	Warren County Emergency Services
Ed Doughney, PE	Engineer 1	Warren County DPW
Dan Durkee	Senior Health Educator	Warren County Public Health
Jeff Flagg ‡	Sustainability Coordinator	City of Glens Falls
TBD	Chairperson of Environmental Concerns Committee	Warren County Board of Supervisors

‡ Non-Municipal Member

# WARREN COUNTY

## 2019 Building Energy Benchmarking Report



**Prepared by the Warren County Planning Department**  
September 2020

## Warren County | Building Energy Benchmarking Program

In 2019, the Warren County Planning Department established the County's Climate Smart Communities Program. In the spring of 2020, Warren County earned the designation of Certified-Bronze Climate Smart Community – based on actions taken in Warren County to mitigate the causes and impacts of global climate change.



One such action taken by Warren County Board of Supervisors was the adoption of Resolution 552 of 2019. This resolution established a County Building Energy Benchmarking Policy ("Policy").

The Policy requires the collection, report, and sharing of building energy data for buildings (over 1,000 square feet) owned or occupied by Warren County.

## Disclosure and Publication of Benchmarking Information

The submission of this report shall satisfy the requirement of Section 4 of our Building Energy Benchmarking Policy. Pursuant to the requirements in this policy, the following information (if available) must be included in this report:

1. Summary statistics on Energy consumption for Covered Municipal Buildings derived from aggregation of Benchmarking Information; and
2. For each Covered Municipal Building individually:
  - a. The status of compliance with the requirements of this Policy; and
  - b. The building address, primary use type, and gross floor area; and
  - c. Annual summary statistics, including site EUI, Weather Normalized Source EUI, annual GHG emissions, and an Energy Performance Score where available; and
  - d. A comparison of the annual summary statistics across calendar years for all years since annual reporting under this Policy has been required for said building.

This is the first year of the benchmarking program. Therefore, information relating to item 2(d) above (annual summary comparison), is not included in this report. Additionally, information relating to the Energy Performance Score was not available.

## Program Summary

The Climate Smart Coordinator has prepared a summary table of the energy performance metrics, attached to the end of this report.

Below are some key figures relating to the 2019 Annual Benchmarking Report:

<b>29 Buildings</b>	<b># of Buildings Assessed</b>
<b>476,648 ft<sup>2</sup></b>	<b>Total Gross Square Footage</b>
<b>\$224,502</b>	<b>Annual Energy Cost</b>
<b>5,170,010 kWh</b>	<b>Electricity Use</b>
<b>186,384</b>	<b>Natural Gas Use</b>
<b>1,564.7 Metric Tons (CO<sub>2</sub>e)</b>	<b>Total Greenhouse Gas Emissions</b>

\*Note: Information for some County buildings was unavailable when this report was prepared

For more information on the Building Energy Benchmarking Program and Climate Smart Communities Program. Visit [www.warrencountyny.gov/climate](http://www.warrencountyny.gov/climate) or contact:

Chris Belden, AICP  
Assistant County Planner/Climate Smart Coordinator  
[beldenc@warrencountyny.gov](mailto:beldenc@warrencountyny.gov)



# GREENHOUSE GAS EMISSIONS

## Warren County

### Summary Statistics on Energy Consumption

Report Period: 1/1/2019-12/31/2019

Number of properties in report: 15

Site Information		Greenhouse Gas Emissions		
Property Id	Property Name	Total GHG Emissions (Metric Tons CO2e)	Direct GHG Emissions (Metric Tons CO2e)	Indirect GHG Emissions (Metric-Tons CO2e)
8686857	Warren County Municipal Center	1,447.40	937.70	509.60
9862475	Countryside Adult Home	25.70	-	25.70
9866895	Corinth Road Salt Shed	1.60	-	1.60
12373202	Gurney Lane Salt Shed	0.60	-	0.60
12373809	Building 11 - Historical Museum	8.90	8.90	-
12373885	Warren County Airport	Not Available	Not Available	20.80
12374090	Warren County Fairgrounds	1.90	-	1.90
12374108	Warren County Fish Hatchery	3.80	-	3.80
12374455	Up Yonda Educational Center	5.50	-	5.50
12374684	West Brook - Bathrooms	0.70	-	0.70
12374856	DPW - 299 Lower Warren Street	45.30	43.40	2.00
12379845	DPW 4055 Main Garage	18.30	-	18.30
12379848	DPW 4028 Main Street	-	-	-
12379962	DPW North Creek Ski Bowl Garage	2.10	-	2.10
12380005	DPW Quarry - Old State Route 9	2.90	-	2.90
<b>Cummulative Totals</b>		<b>1,564.70</b>	<b>990.00</b>	<b>595.50</b>

# ENERGY COST

## Warren County

### Summary Statistics on Energy Consumption

Report Period: 1/1/2019-12/31/2019

Number of properties in report: 15

Site Information		Energy Cost			
Property Id	Property Name	Energy Cost (\$)	Electricity (Grid Purchase) Cost (\$)	Natural Gas Cost (\$)	National Median Energy Cost (\$)
8686857	Warren County Municipal Center	\$186,556.89	\$160,453.76	\$26,103.13	\$86,067.00
9862475	Countryside Adult Home	\$10,777.22	\$10,777.22	Not Available	\$11,647.75
9866895	Corinth Road Salt Shed	\$1,112.11	\$1,112.11	Not Available	\$1,541.06
12373202	Gurney Lane Salt Shed	\$550.98	\$550.98	Not Available	\$1,292.63
12373809	Building 11 - Historical Museum	\$741.73	Not Available	\$741.73	\$1,378.39
12373885	Warren County Airport	Not Available	\$10,234.12	Not Available	\$42,176.03
12374090	Warren County Fairgrounds	\$1,840.22	\$1,840.22	Not Available	\$7,338.95
12374108	Warren County Fish Hatchery	\$2,381.02	\$2,381.02	Not Available	\$9,787.31
12374455	Up Yonda Educational Center	\$4,109.75	\$4,109.75	Not Available	\$3,551.43
12374684	West Brook - Bathrooms	\$2,480.24	\$2,480.24	Not Available	\$10,774.56
12374856	DPW - 299 Lower Warren Street	\$3,195.56	\$1,415.24	\$1,780.31	\$1,885.97
12379845	DPW 4055 Main Garage	\$7,080.52	\$7,080.52	Not Available	\$12,083.92
12379848	DPW 4028 Main Street	Not Available	Not Available	Not Available	\$30,383.16
12379962	DPW North Creek Ski Bowl Garage	\$1,628.11	\$1,628.11	Not Available	\$3,641.23
12380005	DPW Quarry - Old State Route 9	\$2,047.93	\$2,047.93	Not Available	\$2,689.97
<b>Cummulative Totals</b>		<b>\$224,502</b>	<b>\$206,111</b>	<b>\$28,625</b>	<b>\$226,239</b>

# ENERGY USE

Warren County

## Summary Statistics on Energy Consumption

Report Period: 1/1/2019-12/31/2019

Number of properties in report: 15

Site Information		Energy Usage					
Property Id	Property Name	Electricity Use - Grid Purchase (kWh)	Annual Maximum Demand (kW)	Natural Gas Use (therms)	Site Energy Use (kBtu)	Site EUI (kBtu/ft <sup>2</sup> )	Weather Normalized Source Energy Use (kBtu)
8686857	Warren County Municipal Center	4,425,454.60	479.20	176,548.61	32,754,514.10	104.20	60,915,113.00
9862475	Countryside Adult Home	222,802.50	73.60	Not Available	760,202.40	35.50	2,128,566.70
9866895	Corinth Road Salt Shed	13,648.70	Not Available	Not Available	46,569.30	23.00	132,706.30
12373202	Gurney Lane Salt Shed	4,779.60	Not Available	Not Available	16,308.00	13.60	46,824.90
12373809	Building 11 - Historical Museum	Not Available	Not Available	1,670.42	167,041.90	57.40	181,298.40
12373885	Warren County Airport	180,600.70	Not Available	Not Available	Not Available	Not Available	Not Available
12374090	Warren County Fairgrounds	16,598.00	Not Available	Not Available	56,632.40	10.00	153,682.00
12374108	Warren County Fish Hatchery	33,256.50	Not Available	Not Available	113,471.30	9.70	317,719.80
12374455	Up Yonda Educational Center	47,675.30	Not Available	Not Available	162,668.30	46.30	462,900.80
12374684	West Brook - Bathrooms	5,667.50	Not Available	Not Available	19,337.60	9.20	53,605.10
12374856	DPW - 299 Lower Warren Street	17,132.40	Not Available	8,165.23	874,978.30	129.60	1,052,916.60
12379845	DPW 4055 Main Garage	158,784.50	Not Available	Not Available	541,772.80	18.70	1,533,609.70
12379848	DPW 4028 Main Street	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
12379962	DPW North Creek Ski Bowl Garage	18,425.80	Not Available	Not Available	62,869.00	14.30	176,560.50
12380005	DPW Quarry - Old State Route 9	25,183.90	Not Available	Not Available	85,927.40	24.30	245,421.50
<b>Cumulative Totals</b>		<b>5,170,010.00</b>	<b>552.80</b>	<b>186,384.26</b>	<b>35,662,292.80</b>	<b>495.80</b>	<b>67,400,925.30</b>

# WARREN COUNTY

## APPLICATION FOR RECYCLING EDUCATION & PROMOTION

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**Funding Opportunity:** Municipal Waste Reduction & Recycling Program (NYSDEC)

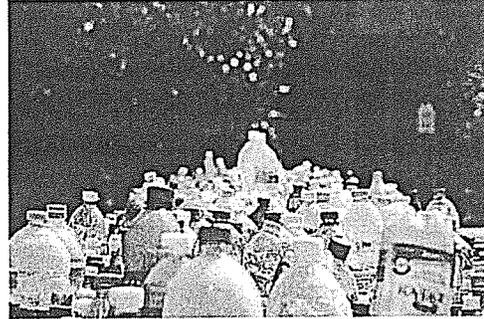
**Project Title:** Warren County Recycling Initiative

**Project Cost & Components:**

Total Project Cost: \$20,000

State Grant (50%): \$10,000

Local Match (50%): \$10,000



1. *DIY Backyard Composting Workshops (\$5,000)*  
Warren County Soil and Water Conservation District will conduct two (2) public workshops on how to compost food scraps to reduce the volume of organic matter in our MSW.

2. *Waste Reduction Promotion - Social Media and Printed Outreach Material (\$8,500)*  
Procure a design/marketing firm to develop 18 social media posts (2 posts/month for 9 months) and “boost” the posts on social media to reach residents of Warren County.

Develop printed recycling outreach materials (e.g. fliers, posters, postcards) for distribution at transfer stations, schools, public events.

3. *Multi-Community “Waste Wizard” Tool (\$4,500)*  
Warren County will work with its IT Department to create a page on the County website dedicated to information about solid waste, composting, and recycling. On that webpage, we will embed a “Waste Wizard”, developed by ReCollect. The company will work with Warren County and the local transfer station operators to identify how residents/businesses can dispose, recycle, compost items. The tool allows users to enter an item, (e.g. milk jug) and it would tell them how and where to dispose of it. The goal with this resource is to improve awareness of recycling opportunities and reduce “aspirational recycling” among single-stream users. Examples include Tompkins County and Madison County. Note: ReCollect is on the Sourcewell Contract, which will streamline procurement.

4. *Install Recycling Containers at Municipal Center (\$2,000)*  
Improve recycling at the Warren County Municipal Center through the purchase and distribution of recycling containers.

**Consistency with Draft Local Solid Waste Management Plan (LSWMP):**

The proposed application would address four (4) priority recommendations in the Draft LSWMP (p.69)

"Summary of Recommendations Regarding Recycling Solid Waste in the Planning Unit:

1. Create website that informs businesses, residents and institutions about composting opportunities.
2. Distribute brochures at municipal buildings and local transfer station/recycling centers that educate residents on simple and cost-effective backyard composting opportunities.
6. Develop and/or enhance recycling programs located within municipal buildings.
9. Hold seminars for local businesses to educate them on current and feasible recycling activities."

**Estimated Project Timeline:**

- Awards Announced (anticipated): January 15, 2021
- Contract Period: January 1, 2021 – December 31, 2021