

Climate Smart Communities Certification Report

 BRONZE CERTIFIED

This is the Climate Smart Communities Certification Report of Woodstock, Town (Ulster). Woodstock, Town (Ulster) is a bronze certified Climate Smart Community.

Woodstock, Town (Ulster) was certified on September 25, 2021 with 220 points earned from 21 completed actions. Listed below is information regarding Woodstock, Town (Ulster)'s Climate Smart Communities efforts and materials associated with its certified actions.

The certification for Woodstock, Town (Ulster) will expire on September 30, 2026.

Contact Information

The designated Climate Smart Communities contact for Woodstock, Town (Ulster) is:

Name:	ERIN MORAN
Title/Position:	CSC COORDINATOR / WEC
Address:	45 COMEAU DRIVE WOODSTOCK, NY 12498

Actions Implemented

Each approved action and supporting documentation for which Woodstock, Town (Ulster) was approved for in 2021 appears below. Note: Standards for the actions below may have changed and the documentation listed may no longer satisfy requirements for that action. Additionally, points associated with actions prior to 2013 certifications may not be accurate.

1. Build a climate-smart community.

1.1 Pass a Resolution Adopting the CSC Pledge


4 Points

Program Summary: No description was provided.

PDF: [CSC PLEDGE](#)

PE1 Action: CSC Task Force

20 Points

 Bronze Mandatory

Program Summary: Certified Woodstock Town Board Resolution 71-2020 establishing the Woodstock Climate Smart Task Force and defining the mission of the task force. Minutes of task force meetings for 2020 and 2021 provided.

PDF: [CERTIFIED RESOLUTION ESTABLISHING THE CLIMATE SMART TASK FORCE AND ITS MISSION](#)

WORD: [MEMBER LIST](#)


PDF: [CLIMATE SMART TASK FORCE MINUTES, 2020.PDF](#)

WORD: [CSC TASK FORCE - MEMBER LIST JUNE 2020](#)

PDF: [CLIMATE SMART TASK FORCE MINUTES, 2021.PDF](#)

PE1 Action: CSC Coordinator

10 Points

 Bronze Mandatory

Program Summary: Certified resolution from the Woodstock Town Board annual organization meeting of January 7, 2020 appointing Erin Moran as Coordinator for the Woodstock Climate Smart Task Force. Certified Woodstock Town Board Resolution 71-2020 establishing the position of climate smart task coordinator and defining the coordinator's role and responsibilities.

PDF: [CERTIFIED RESOLUTION APPOINTING CLIMATE SMART TASK FORCE COORDINATOR](#)

PDF: [CERTIFIED RESOLUTION DEFINING THE ROLE AND RESPONSIBILITIES OF THE TASK FORCE COORDINATOR](#)

PE1 Action: National/Regional Climate Program

3 Points

Program Summary: Woodstock Environmental Commission, in partnership with Woodstock Land Conservancy, Woodstock transition, and the Catskill Center, is a member of the national and northeast pollinators pathway project. Woodstock joined Project Drawdown, a global research organization that identifies, reviews, and analyzes the most viable solutions to climate change, and shares these findings with the world. Woodstock's Participation in Project Drawdown is through the programs of the Omega Institute, Rhinebeck, New York, Woodstock Transition, and the Woodstock Land Conservancy.

PDF: [PE1: NATIONAL/REGIONAL CLIMATE PROGRAM](#)

PDF: [PE1 - NATIONAL-REGIONAL CLIMATE PROGRAM, POLLINATOR PATHWAY.PDF](#)

PE1 Action: Partnerships with Other Entities

3 Points

Program Summary: Woodstock has been an active collaborator with the Ulster County Climate Smart Committee (CSC) since November 2014. The Climate Smart Committee has five members, appointed by the legislative chairman, and hold their positions during the term of the legislature. The committee meets monthly and provides a forum for communities in Ulster County that have taken the climate smart pledge to share their experiences, progress, problems, and opportunities in implementation of the pledge. Reports for the year 2020 added. The most recent is from December 28, 2020.

PDF: [WOODSTOCK ULSTER COUNTY CLIMATE SMART COMMITTEE SUBMISSIONS FOR 2019](#)

PDF: [WOODSTOCK ULSTER COUNTY CLIMATE SMART REPORTS FOR 2020.PDF](#)

PDF: [PE01 - WOODSTOCK PARTNERSHIPS WITH OTHER ENTITIES, 2020.PDF](#)

2. Inventory emissions, set goals, and plan for climate action.

PE2 Action: Government Operations GHG Inventory

16 Points

 Bronze Priority  Silver Priority

Program Summary: Revised versions of Woodstock's 2019 GHG calculations are attached and have been recalculated in full compliance with LGOP. The base emission's data for 2011 has been recalibrated in full compliance with LGOP. A PowerPoint presentation used at public information sessions.

PDF: [GHG EMISSIONS FOR 2019, REVISED JANUARY 16, 2021.PDF](#)

PDF: [POWERPOINT, LIBRARY FORUM PUBLIC PRESENTATION](#)

PDF: [GHG EMISSIONS FOR 2011, REVISED JANUARY 12, 2021.PDF](#)

3. Decrease energy use.

PE3 Action: LED Street Lights

10 Points

Program Summary: For the April 2, 2021 review cycle, the town submitted documentation from Central Hudson confirming conversion of 124 of the town's 127 municipal streetlights to LED fixtures.

PDF: [C.T. MALE MUNICIPAL STREETLIGHT INVENTORY FOR WOODSTOCK](#)

PDF: [DOCUMENTATION CONFIRMING 98% STREET LIGHT CONVERSION TO LED](#)

PDF: [FW_NOTIFICATION_NYSERDA CLEAN ENERGY COMMUNITIES_TOWN OF WOODSTOCK_LED STREET LIGHTS - COBRA HEAD FIXTURES.PDF](#)

4. Shift to clean, renewable energy.

PE4 Action: Renewable Energy Feasibility Studies

5 Points

Program Summary: Addendum to the Micro-Hydro Feasibility Study submitted. The Town of Woodstock investigated photovoltaic solar, a wind power ESCO, micro-hydro, and run of the river hydro. The town eventually subscribed to hydroelectric generators on the Wallkill and at Wappingers Falls for hydroelectric power available through the Natural Power Group under the terms of Community Distributed Generation. With these contracts, Woodstock will be receiving 90% of its electric power from zero-carbon electricity sources.

PDF: [2012 & 2014 SOLAR FEASIBILITY STUDIES](#)

PDF: [2017 SOLAR FEASIBILITY STUDY](#)

PDF: [MICRO-HYDRO FEASIBILITY STUDY](#)

PDF: [VIRIDIAN WIND ESCO FEASIBILITY STUDY](#)

PDF: [NATURAL POWER GROUP HYDROELECTRIC FEASIBILITY STUDY](#)

PDF: [ADDENDUM, MICRO-HYDRO FEASIBILITY STUDY](#)

PE4 Action: Heat Pumps

17 Points

Program Summary: This addendum updates Woodstock's documentation for installed heat pumps to reflect the changed requirements of the PE4 action item. The previous submission, based on Climate Smart Communities (CSC) Certification Action Checklist - Version 3.6 (Jan. 3, 2020), was limited to ground-sourced geothermal installations. The recently released Climate Smart Communities (CSC) Certification Action Checklist - Version 4.1 (April 8, 2021) changed the requirements to allowed air-sourced heat pumps. Air-source heat pumps were installed during the renovation of the Mescal Hornbeck Community Center. Woodstock previously submitted two ground-based, geothermal heating and cooling systems: one at the highway garage and another at the town hall. Fossil fuel heating systems were replaced at the highway garage and town hall with ground-sourced heat pumps.

PDF: [PE4 WOODSTOCK GEOTHERMAL SYSTEMS](#)

PDF: [HIGHWAY GARAGE ENGINEER'S CERTIFICATION](#)

PDF: [TOWN HALL ENGINEER'S CERTIFICATION](#)

WORD: [PUBLIC OUTREACH FOR GEOTHERMAL INSTALLATIONS](#)

PDF: [COMMUNITY CENTER AIR-SOURCED HEAT PUMPS.PDF](#)

PDF: [MARCH 30, 2019 - THE ROAD TO CARBON NEUTRALITY.PDF](#)

PE4 Action: Solar Energy Installation

14 Points

Program Summary: The town has two PV solar arrays: one on the highway garage and another on the town hall totaling over 30 KW installed.

PDF: [PE4 WOODSTOCK SOLAR ENERGY](#)

PDF: [NY STATE COMPTROLLER'S AUDIT, TOWN HALL SOLAR, 2008](#)

PDF: [NEWSPAPER ARTICLES, TOWN HALL SOLAR, 2007](#)

PDF: [HIGHWAY GARAGE SOLAR CONTRACT AND DESIGN DOCUMENTS](#)

WORD: [SOCIAL MEDIA LINK FOR SOLAR PANELS](#)

6. Implement climate-smart land use.

PE6 Action: Comprehensive Plan with Sustainability Elements

15 Points

 Bronze Priority  Silver Priority

Program Summary: The town of Woodstock adopted its Comprehensive Plan in 2018. A copy of the plan and required elements are attached. They include: The comprehensive plan with sustainability elements, adopted in 2018. Resolution where the plan was formally adopted and approved by the town board. A memorandum explaining how the plan reflects the sustainability elements, including the specific page numbers where the relevant information can be found.

PDF: [APPROVED 2018 WOODSTOCK COMPREHENSIVE PLAN](#)

PDF: [CERTIFIED RESOLUTION 207-2018, COMPREHENSIVE PLAN](#)

WORD: [MEMO OUTLINING ELEMENTS MET IN COMP PLAN](#)

PE6 Action: Unified Solar Permit

5 Points



Program Summary: NYSERDA's certification of Unified Solar Permit High Impact Action. Woodstock Unified Solar Permit Application.

PDF: [NYSERDA EMAIL APPROVING UNIFIED SOLAR PERMIT HIGH IMPACT ACTION](#)

PDF: [WOODSTOCK UNIFIED SOLAR PERMIT APPLICATION](#)

PE6 Action: Alternative-fuel Infrastructure

8 Points

 Bronze Priority  Silver Priority

Program Summary: Woodstock installed two, Level2 EV charging stations for public use. Each charging station has two ports. Attached are: 1) Clean Fleets Inventory, 2) EV Charging Station Grant, 3) ChargePoint usage report for 3QTR 2019, 4) NYSERDA email approving High Impact Item certification, 5) two newspaper articles. Uploaded ChargePoint invoice for December 2020 showing continued usage and support of the EV charging stations.

EXCEL: [CLEAN FLEETS INVENTORY](#)

PDF: [EV CHARGING STATION GRANT](#)

PDF: [CHARGEPOINT USAGE REPORT FOR 3QTR 2019](#)



PDF: [NYSERDA EMAIL APPROVING CLEAN FLEETS HIGH IMPACT ACTION](#)

PDF: [2020 12 CHARGEPOINT DECEMBER 2020 INVOICE.PDF](#)

PDF: [DAILY FREEMAN, WOODSTOCK PUBLIC CHARGING STATIONS HIGH USAGE](#)

PE6 Action: Natural Resources Inventory

10 Points

 Bronze Priority  Silver Priority

Program Summary: Included are Woodstock's project plan for creating the NRI, the final NRI document, and PDF of the PowerPoint NRI presentation given to the public. Also two Town Board resolutions are attached: the first authorizing the NRI project and the second accepting and adopting the final NRI document.

PDF: [WOODSTOCK TOWN BOARD NRI AUTHORIZING RESOLUTION](#)

PDF: [WOODSTOCK NATURAL RESOURCES INVENTORY.PDF](#)

PDF: [OCTOBER 5, 2020 – NRI PUBLIC PRESENTATION "TAKING STOCK OF NATURE: THE WOODSTOCK NATURAL RESOURCES INVENTORY"](#)

PDF: [WOODSTOCK TB RESOLUTION ACCEPTING & ADOPTING NRI.PDF](#)

PDF: [PE6 NRI INVENTORY PROJECT PLAN.PDF](#)

8. Support a green innovation economy.

PE8 Action: Farmers' Markets

3 Points

Program Summary: The Woodstock Farm Festival has run every year since 2008. The Farm Festival is located at 6 Maple Lane in Woodstock, NY, 12498 and operates every Wednesday from 3:30 until dusk, rain or shine, from late May through mid-October. The weekly festival features fresh, local and organic food, live music, prepared foods, family-friendly programming, and a vibrant atmosphere for convening with friends and neighbors from near and far. The schedule for 2020 is attached. The town hosts the market in a municipal parking lot, and does not charge the \$5 parking fee on Wednesdays to support the market. 2021 UPDATE: The town has approved, at no cost, the Woodstock Farmers Festival (WFF) Farmers Market will be held at the Mountain view Municipal Parking lot for the 2021 season. The schedule & website link with additional information is attached.

IMAGE: [PERMIT FOR 2019](#)

WORD: [2019 SCHEDULE](#)

WORD: [WFF - TOWN SPONSORSHIP](#)

WORD: [TOWN SPONSORSHIP OF FARMERS MARKET DOC](#)

PDF: [TB APPROVAL OF WFF IN MUNI LOT](#)

WORD: [2021 WFF SCHEDULE](#)

PE8 Action: Rooftop Solarize Campaign

5 Points

Program Summary: NYSEDA Certification email of Solarize High Impact Action. Newspaper announcement.

PDF: [NYSEDA EMAIL APPROVING SOLARIZE HIGH IMPACT ACTION](#)

PDF: [HV1 NEWSPAPER, WOODSTOCK SOLARIZE ANNOUNCEMENT](#)

9. Inform and inspire the public.

PE9 Action: Social Media

3 Points

Program Summary: The Woodstock Environmental Commission has a Facebook page.

WORD: [WOODSTOCK WEC SOCIAL MEDIA SITE](#)

WORD: [SOCIAL MEDIA LINK & SCREEN SHOTS FOR 2021](#)

WORD: [INSTAGRAM 2021](#)

10. Engage in an evolving process of climate action.

PE10 Action: GHG Tracking System

5 Points

Program Summary: GHG Tracking Report showing yearly GHG emissions beginning with 2011 for Woodstock governmental operations and with final results for 2019. The tracking report has been completely rewritten to strictly conform to the format of Local Government Operations Protocol (LGOP) for reporting emissions. GHG emissions are shown for all fuels in all years from 2011 to 2019.

PDF: [PE10 WOODSTOCK GHG TRACKING SYSTEM, 2019 RECALIBRATED.PDF](#)

PDF: [CALIFORNIA AIR RESOURCES BOARD, LOCAL GOVERNMENT OPERATIONS PROTOCOL FOR THE QUANTIFICATION AND REPORTING OF GREENHOUSE GAS EMISSIONS INVENTORIES, VERSION 1.1, MAY 2010](#)

PE10 Action: Annual Progress Report

4 Points

Program Summary: Progress reports on Woodstock's initiative to become carbon neutral have been provided to the town board beginning with fiscal year 2011. Provided is a summary of the process and time frame for developing these reports, and reports for the years 2018, 2017, and 2016. Reports back to 2011 are available.

PDF: [PE10 ANNUAL PROGRESS REPORT SUMMARY](#)

PDF: [PARTIAL PROGRESS REPORT FOR 2019, ELECTRICAL USAGE](#)

PDF: [PROGRESS REPORT, FISCAL YEAR 2018](#)

PDF: [PROGRESS REPORT, FISCAL YEAR 2017](#)

PDF: [PROGRESS REPORT, FISCAL YEAR 2016](#)

12. Performance

Performance: Reduce GHGs from Government Facilities

45 Points

Program Summary: Resubmitted supporting documentation that includes municipal street lighting in the calculations for reductions in GHGs. The purpose of this revision is to bring Woodstock's documentation for the reduction of GHG emissions from government facilities into full conformance with the current requirements of the PE12 action item. The previous submission was based on Climate Smart Communities (CSC) Certification Action Checklist - Version 3.6 (Jan. 3, 2020). Since then, the requirements have been revised to require the inclusion of street lighting and traffic signals in calculations of reduced GHG emissions for government facilities. This submission includes emissions from Woodstock's Lighting Districts. Between 2011 and 2019, GHG emissions from Woodstock's governmental operations were reduced by 95.9 metric tons, CO₂e, or 41.2%.

PDF: [PE12 GOVERNMENT FACILITIES GHGS REDUCTION.PDF](#)

Performance: Reduce GHGs from Government Vehicles

15 Points

Program Summary: During the period 2011 to 2019, Woodstock reduced its GHG emissions attributed to government owned, light-duty vehicles by 11.9%. In 2011, GHG emissions from light-duty vehicles were 203.3 MT CO₂E, and by 2019, the emissions had been reduced to 179 metric tons.

PDF: [PE12 REDUCE GHG EMISSIONS FROM GOVERNMENT VEHICLES.PDF](#)