

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 24, 2020 with 147 points earned from 18 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, 2025.

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 2020 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.

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

PDF: [TASK FORCE MINUTES, 1ST QTR 2020](#)


WORD: [MEMBER LIST](#)

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

PDF: [TASK FORCE MINUTES, 2ND QTR 2020](#)

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 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: [2019, WOODSTOCK CLIMATE ACTION PLAN](#)

PDF: [DRAWDOWN, SOME ISSUES, MAY 28, 2018](#)

PDF: [DRAWDOWN, THE ENERGY SECTOR, MAY 28, 2018](#)

PDF: [DRAWDOWN, NEW YORK ENERGY SOLUTIONS, NOVEMBER 10, 2018](#)

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 first half 2020 added.

PDF: [PE1: PARTNERSHIPS WITH OTHER ENTITIES](#)

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

PDF: [WOODSTOCK ULSTER COUNTY CLIMATE SMART COMMITTEE SUBMISSIONS FOR 1 H 2020](#)

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. The version linked to PE10 Action: GHG Tracking System includes estimates of the CO₂, CH₄, and N₂O emissions related to energy use in government operations in 2019. The town is confident this approach covers at least 95% of the government GHG emissions, which complies with the LGOP. Submission GHG reports for the years 2018 and 2017 (which focus on CO₂ from energy use), are also attached, in addition to a PowerPoint presentation used at public information sessions.

PDF: [WOODSTOCK GHG INVENTORY, 2018](#)

PDF: [WOODSTOCK GHG INVENTORY, 2017](#)

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

PDF: [PE2 GOVERNMENTAL GHG INVENTORY, REVISED](#)

PDF: [PE2GOVTGHGI-WOODSTOCKCO2E-FROMPE10.PDF](#)

3. Decrease energy use.

PE3 Action: LED Street Lights

10 Points

Program Summary: Central Hudson documentation is provided showing that at least 25% of town's municipal streetlights have been upgraded to LEDs. Also provided are estimates of the savings in kWh since 2013 and the estimated reduction in CO2 emissions as a result of the LED installations. UPDATE: 6/30/20: We are applying for the additional 3 points as we are in the process of completing the upgrade of all street lights in the town to LED. Attached is the invoice with Central Hudson & the resolution passed by the town board to do so.

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

PDF: [PSC PETITION FOR RETURN OF CENTRAL HUDSON STREETLIGHT REPLACEMENT PROGRAM](#)

PDF: [CENTRAL HUDSON BILLS SHOWING LED STREETLIGHTS](#)

PDF: [PE3 LED STREETLIGHTS, APPLICATION AND DESCRIPTION](#)

WORD: [RESOLUTION FROM TOWN CLERK](#)

PDF: [CENTRAL HUDSON AGREEMENT TO COMPLETE UPGRADE OF ALL STREET LIGHTS TO LED](#)

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

14 Points

Program Summary: Woodstock has 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](#)

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.

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: [DAILY FREEMAN, WOODSTOCK TO PURCHASE CHARGING STATIONS](#)

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

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.

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](#)

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](#)

10. Engage in an evolving process of climate action.

PE10 Action: GHG Tracking System

5 Points

Program Summary: GHG Tracking Report showing yearly carbon dioxide emissions beginning with 2011 for Woodstock governmental operations, final results for 2019. An addendum submitted sizing the individual emission components, CO₂, CH₄, N₂O, and CO₂e over the tracking period. A source document from the California Air Resources Board.

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

PDF: [ADDENDUM, PE10 WOODSTOCK GHG TRACKING SYSTEM, 2019 FINAL](#)

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 broad 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](#)