



ADAM J. BELLO
COUNTY EXECUTIVE

Monroe County Climate Action Plan



2023 Annual Report

Phase I Accomplishments

Action: Convert expressway and non-expressway lighting from incandescent to LED bulbs

Status: Expressway and non-expressway traffic lighting converted to LED 50% complete; expected completion in Summer 2024

Action: Purchase electric grounds maintenance equipment

Status: 10 electric zero-turn mowers purchased this year to replace 10 fossil fuel mowers

Action: Complete interior lighting upgrades for 100% of County buildings to more energy efficient LED bulbs

Status: All County-owned buildings except the County Office Building and the Airport have been upgraded to LED in 2023. COB will be upgraded in future renovation.

Action: Feasibility study on organic wastes land-fill diversion

Status: Drafted, to be included in the Organics Management Plan

Action: Maximize the diversion of organic waste from County facilities to disposal and the beneficial reuse of the organic material.

Status: Launched a pilot food scraps recycling program for the Monroe County Jail and Monroe Community Hospital, as well as a residential pilot in partnership with the Town of Pittsford.

Action: Install clean vehicle infrastructure, including Level 2 electric vehicle supply equipment available for public & county use.

Status: Phase 2 of EV Charging Stations under the NYS Zero Emission Vehicles Grant are nearly complete. Level 2 EV charging stations are operating at Innovative Field, City Place, Monroe Community Hospital, 111 Westfall Road, Durand Eastman Park, and Highland Park. The Monroe Community College (MCC) Downtown charging station are expected to be operational by the end of 2023. Additional stations at Webster Park and MCC Brighton will be coming online in the first quarter of 2024. The DES team is exploring suitable locations for the next round of EV Charging Stations later in 2024. An EV Master Plan will also develop a green fleet roadmap and strategically roll out further EV charging infrastructure across Monroe County!



The County is currently replacing high pressure sodium street light fixtures with LED fixtures. This will result in more visually pleasant lighting, a 50% savings in energy costs, and reduced greenhouse gas emissions due to reduced energy use.



Town of Pittsford Food Scraps Recycling Pilot Program drop off location at the Pittsford Dog



Expressway and non-expressway traffic lighting have largely been converted to LED lighting with completion expected in Sum-

Looking Ahead: 2024 Priorities

- Finalize CAP Phase II for Executive & Legislative approvals
- Begin Climate Adaptation & Resilience Plan
- EV Chargers – install more charging stations at county facilities
- Quantify and track vehicle miles traveled for county fleet
- Advance County's Green Procurement - baseline & pilot projects
- Update 2012 inventory of current building energy use
- Update Green Building Policy
- Finalize Organic Waste Management Plan for the county
- Community Campaign - clean heating & cooling with "AMPED"
- Procure additional electric vehicles in the County Fleet
- Establish a social media presence for CAP/CARP/Sustainability
- Climate Change education & engagement events
- Establish & sustain interdepartmental committee on CAP implementation
- Advance a natural resources inventory (working with EMC)
- Seek further grant opportunities from state & federal government for actions in both Phase I & Phase II



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Climate Action Plan Highlights of 2023



Electric Vehicles & Charging Infrastructure

ZEV, Alternative Fuel and Hybrid Fleet:

- 360 alternative fuel vehicles, including Biodiesel, E85, Propane, CNG
- 22 Hybrids
- 1 Plug-in Hybrid
- 1 Full electric

Charging Infrastructure:

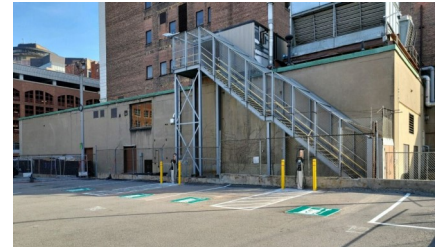
- 7 county fleet charging ports
- 28 public facing charging ports



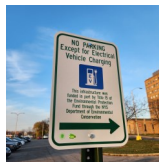
Replaced 10 fossil-fuel burning lawn mowers with 10 electric zero-turn lawn mowers in the County's ground maintenance equipment fleet



EV Charging Station unveiled at Durand Eastman Park (L-R: Michael Garland, County Legislator Howard Maffucci, Rob Tyndall, County Executive Adam Bello, Madison Quinn, B. Andrew Fraser, Clement Chung, Trent Wellot)



EV Charging Stations at City Place



This year included the beginning of CAP Phase I implementation and the launch of CAP Phase II development.

Phase II kicked off in March 2023 with the first of three public workshops, held virtually via Zoom. Public input was gathered via the "Ideas Wall" on the CAP website, at popup events in the community, and the second public workshop in July.

This input was compiled in a Goals and Actions survey. That data was used to produce the Goals & Actions workbook. This workbook will be a tool for stakeholder engagement.

A draft Phase II CAP report will also be circulated for public comment in Q2 2024.

In the year ahead, the County aims to finalize Phase II CAP for legislative adoption and kick off the Climate Adaptation and Resilience Plan (CARP), including a Climate Vulnerability Assessment (CVA).

The CARP will identify, analyze, and prioritize the effects of climate hazards and risks (e.g. flooding, heat stress, or drought), on specific population segments and the entire community, specific areas, assets, and entire systems.

Developing the CARP was identified as a high priority action in the 2023 Monroe County Hazard Mitigation Plan (HMP).

The CARP will consider diversity, equity, inclusion, and justice issues as vulnerabilities likely leading to varying risks across diverse populations in the community. The CARP will aim for resilience and adaptation of both physical infrastructure as well as community assets.

