



The City has a responsibility to do its part to mitigate and adapt to climate change. Over the next four years, the City will work to reduce emissions from its operations and to reduce private sector emissions overall. These efforts will include electrifying our building stock and fleet, investing in clean energy, and deploying infrastructure for zero-emission modes of transportation. The City will work to build climate resilience in areas projected to be most impacted by climate change and focus on most vulnerable communities that have been historically at a disadvantage for private investments in climate-smart and energy saving technologies. By preparing for the transition to a future free of fossil fuels, we will ensure that our renewed prosperity is not threatened by a changing climate.

Goal: Increase energy efficiency of municipal buildings

Action Steps

- Use benchmarking to identify municipal buildings with the largest opportunity for increased energy efficiency and right-size municipal facilities and operations, such as by consolidating Department of Public Works operations into a new campus
- Conduct energy audits to determine how best to reduce energy usage and identify opportunities to install clean heating & cooling technologies
- Implement energy efficiency measures recommended by energy audits
- Investigate opportunities to purchase renewable energy for municipal use

Indicators

- Decrease in kilowatt-hours of energy used
- Increase in # of energy audits conducted
- Increase in # of projects incorporating energy conservation measures
- Increase in % of municipally-purchased energy derived from renewable or clean fuel sources

Goal: Convert municipal fleet to low or zero-emission vehicles

Action Steps

- Use fleet inventory to identify vehicles best suited for electrification or conversion to alternative fuel sources (CNG)
- Replace with low or zero-emission vehicles using available state and federal incentives
- Install electric vehicle charging or alternative fuel infrastructure for fleet use

Indicators

- Increase in % of fleet converted to low or zero-emission vehicles
- Decrease in gallons of gasoline used by fleet
- Increase in \$ leveraged from state and federal incentives
- Increase in # of electric vehicle charging or alternative fuel stations installed

Goal: Plan and build climate resilience

Action Steps

- Conduct vulnerability assessment to identify assets and neighborhoods most at risk of climate change impacts
- Develop a climate adaptation plan to address vulnerabilities within the city's older housing stock with a focus on historically disinvested neighborhoods

Indicators

- Successful completion of vulnerability assessment
- Completed climate adaptation plan

Goal: Invest in clean energy and the green economy

Action Steps

- Conduct feasibility studies to determine best locations for rooftop and ground-mounted solar on City-owned property
- Invest in solar microgrids and energy storage to reduce utility costs for City facilities and residential communities
- Coordinate and negotiate PILOT and Community Benefit Agreements for privately-owned renewable energy projects
- Facilitate a just transition through retraining and up-skilling programs for underemployed City residents in accordance with the statewide goals of the Climate Leadership and Community Protection Act (CLCPA), passed in 2019

Indicators

- Increase in megawatts of renewable energy capacity installed
- Increase in # of planned projects incorporating battery energy storage
- Increase in # of PILOT and Community Benefit Agreements negotiated
- # of workers retrained

Goal: Encourage reductions in private sector emissions

Action Steps

- Expand dedicated bicycle and pedestrian facilities throughout the City particularly in neighborhoods that lack such facilities
- Expand citywide network of publicly available electric charging infrastructure
- Raise awareness of commercial property assessed clean energy (C-PACE) financing to offset costs of energy efficiency improvements for commercial and mixed-use property owners

Indicators

- Miles of new bike lanes constructed
- Miles of sidewalk constructed/reconstructed
- Increase in # of electric vehicle charging or alternative fuel stations installed
- Increase in # of projects financed through C-PACE