



SUSTAINABILITY DIVISION

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CITY COUNCIL STAFF REPORT

Meeting: July 3, 2018

Subject

Climate Action Plan Annual Progress Update

Recommended Action

Receive presentation and review Climate Action Plan progress report

Description

In January 2015, the City adopted the first Climate Action Plan (CAP) written to achieve state recommended greenhouse gas emission reduction goals outlined in the California Global Warming Solutions Act of 2006 (AB 32), and meet the Bay Area Air Quality Management District expectation of a Qualified Greenhouse Gas Emissions Reduction Strategy.

The CAP contains over 225 measures to help reach a community-wide greenhouse gas (GHG) reduction goal of 15% below 2010 levels by 2020, which approximates a return to 1990 levels. The CAP provides a set of strategies intended to guide GHG emissions reduction efforts, typically through a combination of statewide and local actions to address energy, transportation, water, and waste.

CAP Progress Report Update

The city has made steady progress in the past year to implement the CAP. All near term measures are currently being tracked and have started implementation. A few highlights include:

- ❖ All City buildings, facilities, parks and street lights are now powered by Carbon Free, 100% renewable energy from Silicon Valley Clean Energy. Allowing City renewable energy goals to be achieved ahead of schedule.
- ❖ Zero Waste Policy adopted by City Council in December 2017.
- ❖ Civic Center Demonstration Garden complete, converting 19,000 square feet of turf and ivy to drought tolerant plants, estimated to save over 400,000 gallons of water per year. Signage to be installed Fall 2018.
- ❖ City recognized by League of American Bicyclists as a Gold Level Bicycle Friendly Business.
- ❖ 2.7 MW of community solar capacity installed from 2015 through 2016, exceeding 2020 goal years ahead of schedule.

- ❖ 25% reduction in per capita water usage, exceeding 2020 goal of 20% reduction.
- ❖ City fleet vehicles are run on petroleum free 100% renewable diesel, made primarily from waste and residues from cooking oil and animal fats from food industry.

Next Steps

Last year staff conducted a 2015 GHG Inventory Update, the results of this inventory show that community wide emissions have been reduced 13% since 2010, so we are on our way to meeting our 2020 reduction goal of 15% below 2010 baseline by the year 2020. Staff will conduct the next GHG inventory update in 2019 analyzing 2017 data. With Silicon Valley Clean Energy (SVCE), we anticipate we will see further significant reductions.

Staff will continue to implement programs and to monitor and track progress. Annual reports will be given to Council to consistently report on implementation and monitor progress towards GHG reduction goals.

Sustainability Impact

Tracking reduction measure implementation will enable the City to monitor progress towards the community-wide target of reducing GHG 15% below 2010 levels by 2020, which approximates a return to 1990 levels. Additionally, the successful implementation of the CAP will help to complete strategies identified in Chapter 6, Environmental Resources and Sustainability Element of the amended General Plan including:

- Strategy ES-1.1.1: Climate Action Plan (CAP). Adopt, implement and maintain a Climate Action Plan to attain greenhouse gas emissions targets consistent with state law and regional requirements.
- Strategy ES-1.1.2: CAP and Sustainability Strategies Implementation. Periodically review and report on the effectiveness of the measures outlined in the CAP and the strategies in this Element. Institutionalize sustainability by developing a methodology to ensure all environmental, social and lifecycle costs are considered in project, program, policy and budget decisions.
- Goal ES-2 Promote Conservation of Energy Resources and Goal ES-3 Improve Building Efficiency.

Fiscal Impact

The cost for CAP implementation, measuring progress and data tracking are contained with the Sustainability Division budget requested in the FY 17/18 and FY 18/19 budgets.

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Approved for Submission by: David Brandt, City Manager

Attachments:

- A. 2017 Climate Action Plan Progress Update Report