



Agenda Item No. \_\_\_\_\_

## Agenda Report

**DATE:** OCTOBER 4, 2016

**TO:** CITY COUNCIL

**FROM:** COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT –  
ADMINISTRATION

**SUBJECT:** ACCEPT CLIMATE ACTION PLAN ASSESSMENT REPORT AND  
APPROVE 2016-2018 WORK PLAN

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### **STATEMENT OF ISSUE:**

Each year, the City tracks its progress implementing the adopted Climate Action Plan (CAP). The CAP addresses climate change by setting a goal of reducing community-wide greenhouse gas emissions 15% from 2005 levels by the year 2020. In 2014, City Council approved using one-time funds to conduct a Greenhouse Gas Inventory of the community's emissions and to assess next steps for implementation. The resulting Climate Action Plan Assessment Report summarizes the 2013 Greenhouse Gas Inventory results, shows emissions reductions from implementing measures in recent years, and highlights future measures to focus on. The work plan for 2016-2018 implements immediate next steps.

### **RECOMMENDED ACTION:**

Accept the Climate Action Plan Assessment Report and approve the 2016-2018 work plan.

### **DISCUSSION:**

#### **Background**

Consultants from Michael Baker International prepared the 2015 Climate Action Plan Assessment Report (Attachment 1) with input from staff summarizing the 2013 Greenhouse Gas Inventory results, showing emissions reductions from implementing measures in recent years, and highlighting future measures to focus on.

#### **Greenhouse gas emissions results**

The last Greenhouse Gas Inventory was conducted for 2005 for both the community and municipal facilities. Inventories are a more detailed accounting of emissions using standard, consistent methodology, providing a better sense of the City's progress than the annual estimate created using a spreadsheet tracking tool. The CAP called for conducting an inventory no later than 2015. The year 2013 was chosen because it was the most recent year with complete data.

Community

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The inventory measured emissions across the entire community and found that emissions rose 10 percent from the year 2005 to 2013 due to increases in the transportation and off-road equipment sectors. Emissions decreased in all other sectors. Transportation, residential energy use, and non-residential energy use continue to be the top three sources of the community's emissions.

### Municipal

The Greenhouse Gas Inventory does not break out emissions from municipal facilities. Instead, staff used an internal tracking tool to assess the City's progress on its 39 percent emissions reduction goal from the 2005 baseline for municipal facilities. The City's municipal accomplishments from 2014-2016 are highlighted in Attachment 2. Through August 2016, the City's municipal facilities are about halfway to our 2020 municipal emissions reduction goal. Emissions reductions from switching municipal facilities to MCE's Light Green option starting in September 2016 will be included in the next annual progress report to Council.

### **Implementation to reach 2020 goals**

The Assessment Report supplements the strategies in the adopted CAP. In addition to the 2013 Greenhouse Gas Inventory results, the Assessment Report accounts for emissions reductions from the recent years and highlights next steps for implementation in order to reach the 2020 goal. While the highlighted strategies do not exclude other actions, they were chosen based on their quantifiable impact, feasibility, and alignment with the direction of regional and state strategies and best practices. The Assessment Report focuses mostly on actions and policies to be implemented community-wide because the majority of emissions come from the community, while the City's own facilities contribute a small percentage of the total greenhouse gas emissions.

Based on the Assessment Report and the CAP, staff created a 2016-2018 work plan (Attachment 3) to continue implementation to reach the 2020 goal. "Ongoing" measures are ongoing in nature and continue to be implemented, while "Current" measures are short-term initiatives planned for 2016-2018. Staff will use an internal tracking tool developed by the consultants to track and report progress each year as new data is available until another Greenhouse Gas Inventory is needed.

### **Beyond 2020 goals**

These reports were developed before recent action by the California State Legislature. In August, the legislature passed SB32, a climate change bill that requires much steeper reductions in greenhouse gas emissions, setting a goal of reducing emissions 40 percent from 1990 emission levels by the year 2030. Governor Brown has signed the legislation. The new goals are based on targets scientists say are necessary to limit warming and avoid the worst effects of climate change.

The Assessment Report quantifies the additional greenhouse gas reductions needed to meet emissions reductions in the range of 42-49 percent below baseline levels by 2030. The adopted CAP suggests a reduction goal of 42 percent below 2005 levels by 2030, but the City has not yet adopted any official goal for 2030. The adopted CAP estimates that fully implementing all measures would result in a 35 percent emissions reduction by the year 2030. Reaching a 40 percent goal by 2030 would require considering new local measures in addition to statewide strategies. Adopting a new CAP goal for 2030 would likely require a new environmental review, and updating the CAP with new goals could be considered closer to 2020.

### **ENVIRONMENTAL REVIEW:**

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The Assessment Report is supplementary to the existing Climate Action Plan and does not require additional environmental review.

**FINANCIAL IMPACTS:**

Implementing the work plan for 2016-2018 will use the budgeted resources approved by Council in June 2016, and draw from external sources of funds such as grants.

**ALTERNATIVE ACTION:**

City Council may recommend different priorities for the 2016-2018 work plan.

**DOCUMENTS:**

- Attachment 1: Climate Action Plan Assessment Report
- Attachment 2: CAP Municipal Accomplishments 2014-2016
- Attachment 3: CAP Work Plan 2016-2018

**CITY COUNCIL ACTION RECOMMENDED:**

Accept the Climate Action Plan Assessment Report and approve the 2016-2018 work plan.

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