



PLANNING & COMMUNITY DEVELOPMENT DEPARTMENT

MEMORANDUM

DATE: November 17, 2020

TO: Environmental Advisory Commission

FROM: David Reyes, Director of Planning & Community Development Department

SUBJECT: PASADENA CLIMATE ACTION PLAN (CAP), ANNUAL REPORT 2019

STAFF RECOMMENDATION:

Conduct a review of the City's progress on efforts and programs that support the Pasadena Climate Action Plan (CAP). The CAP set's 2020 goals for emissions reduction, tree planting, biking, carbon-free energy, electric vehicles, recycling and more.

BACKGROUND

The Pasadena CAP, unanimously approved by City Council on March 5, 2018, is a long-term plan and strategic framework for measuring, planning, and reducing the City's share of greenhouse gas emissions. As part of the CAP adoption the City Council formally designated, through an amendment to Title 2 of the Pasadena Municipal Code, the EAC as the advisory body that should monitor and make recommendations related to the implementation of CAP.

The CAP establishes the following GHG emissions reduction goals consistent with the State of California's GHG reduction targets:

- 2020: 27% below 2009 levels
- 2030: 49% below 2009 levels
- 2035: 59% below 2009 levels

The CAP identifies five principle strategies to achieve the City's GHG reduction goals for the years 2020 and 2035: (1) Sustainable Mobility and Land Use, (2) Energy Efficiency and Conservation, (3) Water Conservation, (4) Waste Reduction, and (5) Urban

Greening. Each strategy includes 27 measures that define the direction the City and community will take. These measures are regulatory, incentive-based, or voluntary. To go further, these measures include 142 implementation actions and include a combination of ordinances, policies, programs, and incentives, as well as outreach and educational activities. The CAP provides an implementation chart for each measure and details different action steps, the department(s) responsible for implementation, a general timeframe to achieve those actions, performance indicators, and estimated potential GHG reductions for the years 2020 and 2035.

To monitor and evaluate the CAP's progress towards meeting the emissions reduction goals, a GHG emissions inventory will be conducted for the year 2020 and approximately every five years thereafter. If the inventory reveals that the CAP is not making the anticipated progress towards meeting reduction goals, the effectiveness of the measures and/or actions will be evaluated and may be modified as necessary. The progress of performance indicators and implementation actions will be shared with the EAC in an annual report.

CAP ANNUAL UPDATE 2019

The Pasadena CAP was recognized in 2019 with the Award of Excellence for Innovation in Green Community Planning by the American Planning Association, Los Angeles Section (APA Los Angeles). This award is for an innovative plan, program, tool or related effort that demonstrates advancement in planners' efforts to address the serious consequences of development and everyday living on the environment. The 2019 CAP Annual Update exemplifies the City's continued effort to implement goals and actions to reduce the City's fair share of GHG emissions and create a more sustainable community. The 2019 update focuses on the progress made towards achieving the 2020 GHG emissions reduction goal. The CAP update shows the status of near-term implementation actions by assigning one of the following categories to indicate the level of progress:

- Tier I: Action is ongoing or will begin within one year
- Tier II: Action will begin within two to five years or revisited
- Tier III: Action requires additional funding and/or resources
- Complete: Action has been completed
- Pending: Awaiting

Notes have been added to implementation actions that have changed in priority from the 2018 calendar year.

The 2019 annual update also includes the City's status on the 13 performance indicators identified in the CAP. Quantified data on the levels of GHG emissions will be provided in the GHG Inventory, which is scheduled to occur every five years, beginning in the year 2020. The GHG Inventory will provide a robust set of data to evaluate the progress of the CAP. If the inventory reveals that the City is not making the expected or anticipated progress towards meeting the CAP's emission reduction goals, the

effectiveness of the strategy, measures and/or actions will be evaluated and may be modified as necessary. As such, staff does not recommend changes to the current implementation of the Pasadena Climate Action Plan until a Greenhouse Gas Inventory is conducted for the year 2020.

Respectfully Submitted,



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Development

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Attachments: (2)

- A: Pasadena Climate Action Plan, Annual Update 2019
- B: Pasadena Climate Action Plan, Annual Report Card 2019