

City of La Mesa Climate Action Plan

Planning Commission
February 7, 2018

Presentation Outline

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- Public Education and Outreach
- Climate Action Plan (CAP)
- Supplemental Environmental Impact Report (SEIR)
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Background

- On July 9, 2013, the City adopted the *La Mesa Centennial General Plan* and certified the *General Plan Final EIR*
 - The General Plan EIR identified a Mitigation Measure GHG-1 that called for the adoption of a CAP.
 - To implement this mitigation measure, the City drafted a Climate Action Plan (CAP) in 2015, focusing on the 2020 reduction target.

Background

- In June 2015, a Draft CAP was presented to the City's Planning Commission. The Planning Commission directed as follows:
 - Revise the CAP target date to 2035;
 - Explore the feasibility of including Community Choice Aggregation (CCA) as a CAP measure;
 - Obtain more broad public input from the community; and
 - Consider concerns regarding CEQA, incentives, and all other input brought forth by the public and commissioners regarding the Draft CAP.
- Attached to the staff report is a CAP Chronology outlining project activities and milestones throughout the CAP process.

Purpose

- Reduce greenhouse (GHG) emissions consistent with State legislative requirements through implementation of CAP Strategies and Actions.
- Implement the General Plan EIR Greenhouse Gas Mitigation Measure to adopt a CAP.
- The CAP proposes 23 GHG Reduction Strategies and over 100 GHG Reduction Actions.
- Measures that could result in physical environmental impacts are evaluated within the Final SEIR.

Benefits

- Improved air quality and public health
- Reduced energy bills
- Improved transportation access
- Infrastructure improvements supporting alternatives to driving
- Recycling, water conservation, and urban agriculture
- CEQA Tiering for development projects

Public Education and Outreach

- This CAP represents the results of collaborative planning efforts among City staff, members of the City’s Environmental Sustainability Commission (ESC) and Planning Commission (PC), SDG&E, SANDAG, EPIC, and public input from La Mesa residents, its business community, and community advocacy groups.
- The following are dates the ESC convened to discuss the CAP:

October 20, 2014	September 20, 2016
May 18, 2015	November 21, 2016
June 20, 2016	July 17, 2017
July 18, 2016	November 13, 2017
July 20, 2016	December 11, 2017
August 15, 2016	January 16, 2018
September 18, 2016	

Public Education and Outreach

- City Council established a City Council ad hoc subcommittee in January 2017 to oversee the development of this CAP
- Throughout the CAP development process, the City has engaged in community outreach consisting of public meetings, presentations to boards and commissions, online and in-person surveys, educational presentations, a community workshop, and a community block party event.

What is a Climate Action Plan (CAP)?

- Long-range plan to reduce community-wide GHG emissions
- Considers statewide GHG actions
- Establishes local reduction targets
- Develops local measures to achieve reduction targets



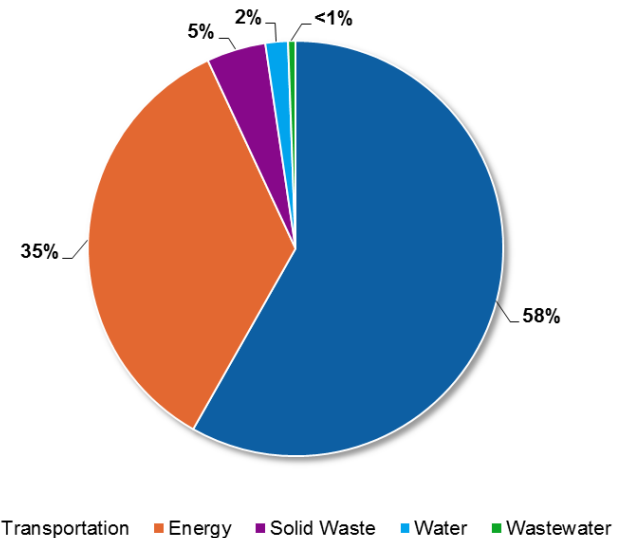
Climate Action Plan

CITY OF LA MESA

CAP Components

- 2010 baseline emissions inventory and forecast for 2020 and 2035 target years
- Reduction strategy areas:
 - Energy (35%)
 - Transportation and Land Use (58%)
 - Water
 - Solid Waste
 - Green Infrastructure
- Pathway towards 2020 and 2035 targets

2010 Baseline Emissions by Sector



Source: EPIC 2014, AECOM 2017

CAP Summary

- **Executive Summary**
- **Chapter 1, *Planning for Climate Change***
- **Chapter 2, *Greenhouse Gas Emissions***
- **Chapter 3, *Emissions Reduction Measures***
- **Chapter 4, *Benchmarks and Implementation***

CAP Summary

- **Appendix A**, *Inventory and Forecast Methodology*
- **Appendix B**, *Reductions Methodology*
- **Appendix C**, *Benefit-Cost Analysis of the CAP*
 - **Note:** Appendix C will be available for public review prior to the February 21, 2018 Planning Commission hearing.

CAP Summary

La Mesa's Draft Climate Action Plan includes:

- 2020 target to reduce GHG emissions 15 percent below the 2010 baseline;
- 2035 target to reduce GHG emissions by 2035 to 53 percent below the 2010 baseline;
- Actions to reduce vehicle miles traveled per resident by 6% by 2035 and to promote public transportation;
- Updating the City's General Plan to promote housing close to transit and prioritize social equity;
- Implementing a 100% clean energy program, including a community choice aggregation or other similar program;
- Adding building codes to improve energy efficiency;
- Building more connected bike lanes and safe, pedestrian-friendly walkways;
- Providing electric vehicle charging stations;
- Plans for solid waste reduction; and
- Adding tree canopy coverage.

CAP Measures

Summary of Reduction Measures: Energy

E-1	Building Retrofit Program: Reduction Target 1) Reduce electricity consumption by 36.4 million kWh/yr by 2020; 2) Reduce electricity consumption by 91.6 million kWh/yr by 2035
E-2	Shade Tree Program: Reduction Target 1) Plant 250 shade trees by 2020; 2) Plant 1,575 shade trees by 2035
E-3	Municipal Energy Efficiency: Reduction Target 1) reduce municipal energy consumption by 124,000 kWh/yr and 1,275 therms by 2020; 2) Reduce municipal energy consumption by 248,000 kWh/yr and 2,550 therms by 2035
E-4	Public Lighting: Reduction Target 1) Reduce public lighting energy consumption by 50% by 2035
E-5	Solar Photovoltaic Program: Reduction Target 1) Install 6.1 MW of solar capacity by 2020; 2) Install 12.9 MW of solar capacity by 2035

CAP Measures

Summary of Reduction Measures: Energy

E-6	Solar Hot Water Heater Program: Reduction Targets 1) 5,100 therms saved by 2020; 2) 6,300 therms saved by 2035
E-7	Solar Ready Construction: Supporting Measure
E-8	Zero Net Energy Construction: Reduction Targets 1) 20,600 MWh of electricity and 791,450 therms of natural gas off-set by 2035
E-9	100% Clean Energy CCA Program: In place by 2035

CAP Measures

Transportation

T-1: Bicycle and Pedestrian Infrastructure Improvement: Reduction Targets: 1) Install 3 miles of Class II bike lanes by 2020; 2) Install 10 miles of Class II bike lanes by 2035

T-2: Bicycle Safety Program: Supporting Measure

T-3: Transportation Demand Management Program: Reduction Target 1) Reduce VMT by 6% by 2035

T-4: Mixed-Use and TOD: Reduction Target 1) Reduce VMT by 6% by 2035

T-5: Alternative Refueling Infrastructure Development: Reduction Target 1) Reduce VMT by 6% by 2035

T-6: Municipal Fleet Transition: Reduction Target: 1) 560 gallons per year gasoline saved

CAP Measures

Water

W-1: Urban Water Management Plan: Reduction Targets 1) 103 gallons per day per capita by 2020; 2) 89 gallons per day per capita by 2035

W-2: Water Sensitive Landscape Design : Supporting Measure

W-3: Pure Water Program: Supporting Measure

Solid Waste

SW-1: Food Scrap +Yard Waste Diversion: Reduction Targets 1) Divert 5% of food waste and 85% of yard waste by 2020

SW-2: Construction +Demolition Waste Diversion: Reduction Targets 1) Divert 75% of construction and demolition waste by 2020

SW-3: 75% Waste Diversion Strategy: Reduction Target: No more than 12,500 tons of solid waste disposed in landfills

CAP Measures

Green Infrastructure

GI-1: Urban Forest Management: Reduction Target 1) 500 trees planted by 2020

GI-2: Expanded Urban Forestry Program: Reduction Target: 1) Increase tree canopy by 1,400 acres

California Environmental Quality Act (California Public Resources Code, Division 13)

- Evaluate potential direct, indirect, and cumulative environmental impacts
- Identify methods to avoid or reduce significant impacts
- Evaluate alternatives
- Obtain public and agency input and comments during the CEQA process

Supplemental Environmental Impact Report (CEQA Guidelines Sections 15162 through 15164)

- Since the CAP wasn't developed at the time of the General Plan PEIR, a supplemental EIR is necessary.
- The supplement to the EIR only needs to contain the information necessary to make the previous EIR adequate for the project as revised.
- La Mesa's CAP has been developed consistent with CEQA Guidelines Section 15183.5, and the City can use the CAP rather than project-level analysis for GHG emissions impact assessment under CEQA.
- The SEIR evaluated the impacts and determined that with the exception of impacts on air quality, the CAP will have insignificant impacts on the environment with the application of mitigation measures.

Supplemental Environmental Impact Report

- May 31, 2017 Scoping Meeting
- Nov. '17 to Jan. '18- 45-day public comment period for SEIR
- Draft SEIR public comment period closed on Jan. 17, 2018.
- Response to public comments received will be presented at the Feb. 21, 2018 PC hearing including plan revisions in response to the referenced comments.
- City Council will certify the Final SEIR, make the findings of fact and adopt a statement of overriding considerations, adopt the mitigation monitoring and reporting program, and adopt the CAP.

CAP Progress

- On January 16, 2018, after receiving public input and testimony on the Draft CAP and its revisions, the Environmental Sustainability Commission recommended that the Planning Commission approve the Draft CAP subject to the following:
 - That the City commits to 100% clean energy via a Community Choice Aggregation Program or equivalent,
 - That the City will begin a CCA feasibility study within one year,
 - That a section in the CAP be developed that includes social equity and metrics,
 - That mode share goals for walking, biking, and transit be established within one year, and
 - That the Plan language be updated for the urban forestry strategy to reflect current scientific research.

CAP Progress

In response to feedback at the Jan. 2018 ESC meeting:

- The Draft CAP is clarified to include a 100% clean energy goal,
 - The City's ability to begin a feasibility study is dependent on potential funding and regional partners,
- Social Equity tracking and reporting metrics,
- Transportation mode share data and goals, and
- Action 4a of the Green Infrastructure Strategy 1 has been revised to include current scientific research.

Timeline

- **Jan 16 '18** Environmental Sustainability Commission reviewed Draft CAP and provided recommendation to the Planning Commission
- **Feb 7 '18-** Planning Commission reviews Draft CAP, Appendices, and SEIR
- **Feb 21 '18-** Planning Commission provides recommendation to City Council
- **March 13 '18-** City Council to certify the Final SEIR, make the findings of fact and adopt a statement of overriding considerations, adopt the mitigation monitoring and reporting program, and adopt the City of La Mesa CAP.

Recommendation

1. Receive the presentation on February 7, 2018;
2. Open the public hearing, take public testimony, and close the public hearing; and
3. Deliberate on the proposed Draft Climate Action Plan and Supplemental Environmental Impact Report.
4. Make a recommendation on the Draft Climate Action Plan and Supplemental Environmental Impact Report at a scheduled public hearing on February 21, 2018.

Public Notification and Comments

- If you would like to receive automated notification of Climate Action Plan updates, please sign up via "Notify Me" on the City's website or request to be on the CAP interested parties contact list.
- Feedback and comments may be forwarded to the City in several ways:
 - Attend and participate in public meetings on the CAP
 - Send comments via U.S. Mail: Attn.: Howard Lee, 8130 Allison Avenue, La Mesa, CA 91942,
 - Send an email to hlee@ci.la-mesa.ca.us, or
 - Contact Howard Lee via phone at 619.667.1185.

Questions / Comments