



AGENDA
LA MESA ENVIRONMENTAL SUSTAINABILITY COMMISSION
A Special Meeting on Monday, August 15, 2016, 7:00 p.m.
Community Center, Arbor View Room
4975 Memorial Drive, La Mesa, California

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. PUBLIC COMMENTS (Total Time – 15 Minutes)
Members of the public may address the Commission on subjects within the jurisdiction of the Commission. Unless such subjects are contained within this agenda, there can be no discussion or action by the Commission until a subsequent, publicly noticed meeting.
4. ENERGY EFFICIENCY PROGRAM
5. ROLE OF URBAN FORESTS IN A CLIMATE ACTION PLAN
6. CLIMATE ACTION PLAN PRESENTATION AND INPUT
7. ADJOURNMENT

PLEASE NOTE: Materials related to an item on this agenda submitted to the La Mesa Environmental Sustainability Commission after distribution of the agenda packet are available for public inspection at the City Clerk's Office located in La Mesa City Hall, 8130 Allison Avenue during normal business hours.

Citizens who wish to make an audio/visual presentation pertaining to an item on the agenda, or during Public Comments, should contact Sheryl Sherman at 619.667.1143, no later than 12:00 noon, one business day prior to the start of the meeting. Advance notification will ensure compatibility with City equipment and allow Commission meeting presentations to progress smoothly and in a consistent and equitable manner. Please note that all presentations/digital materials are considered part of the maximum time limit provided to speakers.

Individuals with disabilities who require reasonable accommodation in order to participate in City of La Mesa services, activities, programs and/or attendance at City Council meetings, Commission meetings, or any Public Hearings should contact the City's Americans with Disabilities Act (ADA) Coordinator, Rida Freeman, Human Resources Manager, 48 hours prior to the meeting at 619.667.1175, fax 619.667.1163, or rfreeman@ci.la-mesa.ca.us.

La Mesa GHG Inventory Forecast – 2035

As part of the CAP update process, AECOM prepared community-wide greenhouse (GHG) emissions forecasts for the new 2035 horizon year. This phase of the work extended the previous community-wide emissions forecasts by an additional 15 years (i.e., 2020 to 2035).

Emissions forecasts are based on population and employment growth estimated to occur in the community through 2035 (as estimated in the SANDAG 2050 Regional Transportation Plan). As shown in Table 1 below, emissions are estimated to increase from 2020 to 2035 in all sectors and subsectors with the exception of the Transportation sector. Transportation emissions were forecast based on estimates of vehicle miles traveled (VMT) to occur in the community by 2035, which were also collected from SANDAG. The result of reductions in the Transportation sector is that total community-wide emissions are forecast to increase by approximately 3.7% from the previous 2020 estimates through the new 2035 horizon year.

Sector	2010 (MT CO₂e/yr)	2020 (MT CO₂e/yr)	2035 (MT CO₂e/yr)	Growth 2020-2035 (%)
Electricity	96,604	103,188	109,035	5.7%
<i>Commercial / Industrial</i>	52,166	55,721	58,879	5.7%
<i>Residential</i>	44,438	47,466	50,156	5.7%
Natural Gas	50,705	54,161	57,230	5.7%
<i>Commercial / Industrial</i>	13,183	14,082	14,880	5.7%
<i>Residential</i>	37,522	40,079	42,350	5.7%
Transportation	76,192	85,205	84,857	-0.4%
Solid Waste	14,417	15,400	16,272	5.7%
Water	7,442	7,949	8,400	5.7%
Wastewater	2,441	2,607	2,755	5.7%
Total	247,801	268,509	278,549	3.7%

Statewide legislation and programs designed to reduce emissions toward achievement of the State's GHG targets are commonly referred to as statewide actions. The implementation of statewide actions will result in local GHG emissions reductions. La Mesa's CAP considers the impact of several statewide actions in its evaluation of future emissions scenarios, including:

- Renewable Portfolio Standard
- AB 1109 – Lighting Efficiency
- AB 1493 – Pavley I and II,
- ES-S-1-07 – Low Carbon Fuel Standard, and
- Heavy-Duty Vehicle Aerodynamic Efficiency Regulations.

The Renewable Portfolio Standard and Lighting Efficiency program will both result in electricity emission reductions. The remaining statewide actions are all related to on-road vehicle emissions and will therefore reduce Transportation sector emissions. Table 2 shows the community-wide adjusted business-as-usual (ABAU) emissions forecasts, which consider the local result from implementation of these statewide

actions. As shown on Table 2, statewide actions will assist in local emissions reductions, with total community-wide emissions forecasted to be nearly 11% lower than the 2010 baseline inventory levels.

Table 2				
Adjusted Business-as-Usual Emissions Forecasts				
Sector	2010 (MT CO₂e/yr)	2020 (MT CO₂e/yr)	2035 (MT CO₂e/yr)	Growth 2010-2035 (%)
Electricity	96,604	75,334	79,343	-17.9%
<i>Commercial / Industrial</i>	52,166	41,290	43,369	-16.9%
<i>Residential</i>	44,438	34,045	35,974	-19.0%
Natural Gas	50,705	54,161	57,230	12.9%
<i>Commercial / Industrial</i>	13,183	14,082	14,880	12.9%
<i>Residential</i>	37,522	40,079	42,350	12.9%
Transportation	76,192	63,806	57,739	-24.2%
Solid Waste	14,417	15,400	16,272	12.9%
Water	7,442	7,949	8,400	12.9%
Wastewater	2,441	2,607	2,755	12.9%
Total	247,801	217,957	221,739	-10.5%