



Annual Internal Review

This report covers the time period of 7/1/2016 to 6/30/2017

RESOURCE MANAGEMENT COMMISSION

The Resource Management Commission (RMC) mission statement per the City Code is:

- (A) Maintain an overview of all programs, studies and proposals concerning the efficient use of energy, alternate energy technologies, renewable energy resources, including solar and wind, and the conservation of energy, excluding the use of conventional coal, nuclear, natural gas, or petroleum technologies.
- (B) Serve as a liaison with other city commissions, including the Electric Utility Commission.
- (C) Receive citizen input on alternate energy technologies, renewable energy sources, and on energy conservation.
- (D) Review and analyze:
 - (1) energy conservation technologies and renewable energy sources as to their short-term and long-term feasibility in the city;
 - (2) energy conservation policies, alternate energy technologies, and renewable energy projects in other cities and states;
 - (3) water conservation policies, alternate technologies, and water conservation projects in other cities and states; and
 - (4) City Code to identify potential amendments that encourage the use of alternate energy technologies and renewable energy sources, and the conservation of energy.
- (E) Advise the City Council:
 - (1) in developing and reviewing city plans and programs in the area of alternate energy technologies, renewable energy sources, and energy conservation.
 - (2) as to available funding from private and public sources which are available to the city for alternate energy technologies and renewable energy, and for the conservation of energy;
 - (3) on energy conservation, on alternate energy technologies, and on renewable energy sources and report to City Council on the status of its activities at least annually;
 - (4) in developing and reviewing city plans and programs that encourage water conservation as it relates to water consumption from the tap to customer and within structures or building; and,
 - (5) regarding appropriate City Code amendments that encourage the use of alternate energy technologies and renewable energy sources, and the conservation of energy.

(F) Encourage:

- (1) the conservation of energy, the use of alternate energy technologies and renewable energy sources in City-owned facilities; and
- (2) the private and public sectors to develop and to use alternate energy technologies and renewable energy sources, and to conserve energy.

1. Actions Supporting Mission Statement

The Resource Management Committee met eight times during the reporting period. The August 2016, November 2016, January 2017 and April 2017 meetings were cancelled.

The RMC's mission-specific actions included the following:

- Reviewed and took action supporting the following Recommendations for Council Action (RCAs):
 - 3 solar installation agreements
 - 4 commercial energy efficiency rebates
 - 8 multi-family residential energy efficiency rebates
 - 1 institutional/commercial/industrial water conservation rebate
 - 10 contracts for weatherization services
 - Contract with 1ENERGY SERVICES, LLC., to provide energy storage and control software implementation, economic modeling and analysis services
 - Contract with STEM, INC., to provide integrated energy storage systems and control software implementation services for Austin Energy's SHINES project
 - Agreement with THE UNIVERSITY OF TEXAS on behalf of the Clean Energy Incubator, a program of the Austin Technology Incubator, for mutual assistance in the clean energy field
 - Contract with CHARGEPOINT, INC., to provide electric vehicle plug-in charging station software and support services
 - 15-year purchase power agreement for the full output from a 200 MW utility scale, wind generation facility
- Approved Recommendation 20170516-008 regarding the Solar-Ready Amendment to the Energy Code with the exception that 35% of the roof area on new multi-family buildings (four stories or less) have a solar-ready zone.
- Approved Recommendation No. 20170620-008 supporting the inclusion of Austin Water's Capital Improvement Projects located in the Drinking Water Protection Zone in its 5-year capital spending plan.
- Approved Recommendation No. 20170620-009 to ensure an early planning process for Texas Gas Service's 2018 Conservation Program budget.
- Approved Recommendation 20170620-011 supporting the recommendations of the EUC Resource Planning Working Group for the 2016 update to the Resource, Generation and Climate Protection Plan, including studies on the potential to reach 80% renewables by 2027 and zero carbon from city controlled generation resources by 2030.

- The following additional items were acted upon:
 - Revised start time of monthly meetings from 6:00pm to 6:30pm
 - Elected Chair and Vice Chair to annual term commencing on May 1, 2017 and ending on April 30, 2018
- Received briefings and reports on the following items:
 - Community solar subscription model
 - Austin Water's conservation programs
 - Budget information for demand side management and solar programs
 - Sustainability Office and Fleet Services updates
 - Capital Metro's progress on fleet electrification
 - Quarterly reports from Texas Gas Service
 - Residential and commercial value of solar
 - Austin Energy's Resource, Generation and Climate Protection Plan
 - Austin Energy's Customer Energy Solutions FY18 proposed budget
- Formed a Working Group composed of Leo Dielmann, Cyrus Reed, Susanne Vaughan and Kaiba White to review issues related to solar energy
- Worked with other City committees including the following:
 - James Dwyer volunteered to represent the RMC on Austin Water's Cost of Service Study Public Involvement Committee
 - Leo Dielmann, Cyrus Reed, Susanne Vaughan and Kaiba White represented the RMC on the Electric Utility Commission Resource Planning Working Group
 - Kaiba White represented the RMC on the City of Austin Joint Sustainability Committee

2. Determine if the board's actions throughout the year comply with the mission statement.

All actions of the RMC during the reporting period were within the scope of and in compliance with its Code-mandated mission statement.

3. List the board's goals and objectives for the new calendar year.

- a. Continue to provide: review of programs, studies and proposals; advice to City Council; and encouragement for the conservation of energy and water, use of emerging energy technologies and renewable sources in City facilities and departments, specifically highlighting departments that have accomplished goals toward this end.
- b. Encourage the use and greater adoption of sustainable building methods, emerging technologies such as energy storage, renewable energy sources, and resource conservation strategies, specifically through the advancement of customer programs, policies, and education.
- c. Continue to work with the staff of Austin Energy, Austin Water, Texas Gas

- Service, the Office of Sustainability, and Fleet Services, specifically to assist staff in achieving the City's goals in regards to greater adoption of conservation, the use of alternate technologies and renewable sources, and reduction of CO2 emissions.
- d. Continue to regard citizen input on these issues as important as any other source.
 - e. Support additional studies to evaluate energy efficiency and distributed generation, and to assist the staff in developing new programs and policies that have achievable and aggressive goals.
 - f. Support Austin Water staff in the development of a comprehensive water conservation plan and annual reporting.
 - g. Support Austin Energy staff in the development of new energy conservation programs and policies, and renewable energy projects and policies, including community solar projects.
 - h. Continue to provide opportunities for City departments to highlight their successes in energy efficiency, water conservation, and sustainable practices.
 - i. Adopt the concepts of triple bottom-line sustainability in the RMC's decisions, recommendations, and advice to council, i.e., consider the balance between the environmental, economic, and societal equity impacts of our decisions, recommendations, and advice.
 - j. Monitor compliance with adopted policies such as the Energy Code and water restrictions.
 - k. Leverage synergies of existing and emerging methods and technologies to enhance resource management such as the water-energy nexus.