



A Strategic Vision for Urban Energy

Regional Renewable Energy Advisory Council

March 10,
2021

Vibrant Regional Economy

✦ 1.1 Stabilize + Expand El Paso's Tax Base

Establish a support mechanism for resilient development practices for private sector projects across El Paso

✦ 1.7 Identify and develop plans for areas of reinvestment and local partnership

Define workforce needs and activate key networks in support of the environmental/creative economy

Safe + Beautiful Neighborhoods

7.1 Provide reliable and sustainable water supply and distribution systems

*Advance the Paso del Norte Region as a **leader in advanced energy** and water technology*

7.5 Set one standard for infrastructure across the city

Institutionalize sustainable building design and development practices for all City-owned and operated property

7.5 Set one standard for infrastructure across the city

Design and implement infrastructure projects that simultaneously address flooding, heat and energy, and citizen mobility update

✦ 8.4 Reduce operational energy consumption

Create and implement the Urban Energy Plan and identify state and federal legislative and funding opportunities

The Triple Bottom Line

AS IT RELATES TO URBAN ENERGY PLANNING



People

SOCIAL

Reducing Energy
Cost Burden for all
El Pasoans



Planet

ENVIRONMENTAL

Reduce the
environmental
footprint driven by
energy demand and
generation portfolio



Prosperity

ECONOMIC

Activate Industry and
Workforce around the
opportunity of energy
efficiency and
renewables

VISION

El Paso will be a leader among North American cities in renewable energy, *for our community, for the environment and for prosperity and health of the whole ecosystem*; with the goal of becoming the least fossil fuel dependent city in Texas making a lasting, large and equitable impact across the regional community; building a platform for future generations to thrive.

MISSION

The RREAC will advocate for partnerships between community, industry, public institutions and utilities to promote increased access to affordable renewable energy and reinforce grid reliability while driving renewable industry development and local innovation demonstrating clear action to mitigate the global climate crisis improving quality of life for all El Pasoans.



Regional Renewable Energy Advisory Council

ROLE, RESPONSIBILITIES + DUTIES

“The role of the RREAC is to advise City Council on **all matters related to renewable energy strategy + industry development** as initiated and requested by City staff.”

1
**Education ,
Outreach +
Advocacy**

2
**Municipal
Energy**

3
**Industry
Development**

4
**Renewable Energy
Infrastructure**

6

Education, Outreach + Advocacy



Residential, Commercial, Inter-City Collaboration, Federal + State Advocacy

Goal 1.1 Bilingual education campaign encouraging residential and commercial customers to adopt energy efficiency practices and distributed generation.

Goal 1.2 Promote community-wide programs broadening energy literacy by providing education, resources and tools across all segments of the community including energy conservation, renewable energy and heat mitigation strategies.

Goal 1.3 Advocacy at the state and federal level for policies and incentives to accelerate adoption of both renewable generation and storage.

Municipal Energy



Energy Efficiency, Renewable Energy Generation + EV Fleet Enhancement

Goal 2.1 Reduce overall energy consumption and enhance energy efficiency in municipally owned facilities.

Goal 2.2 Increase efficiency for street and parks light infrastructure.

Goal 2.3 Increase solar generation at City owned facilities.

Goal 2.4 Enhance and increase EV fleet and chargers at municipal facilities

Industry Development



Job Creation, Business Development + Attraction, Workforce Development

Goal 3.1 Support partnerships with local educational and workforce development institutions and advocate STEAM career pathways for Renewable Energy, Energy Efficiency and Energy management jobs.

Goal 3.2 Recommend incentive programs targeted for businesses in the area of renewable technology with an emphasis on local innovation, small business, microenterprise and locally driven NGOs.

Goal 3.3 Study the potential and identify a framework for a renewable energy industry cluster.

Renewable Energy Infrastructure



Generation, Integration + Storage

Goal 4.1 Advocate for equitable access to solar for the community, prioritizing disadvantaged communities historically impacted by environmental concerns, including incentive programs and enhanced permitting and inspection processes.

Goal 4.2 Promote collaboration between the City of El Paso and El Paso Electric to expand and enhance equitable, affordable access to community solar for commercial and residential customers.

Goal 4.3 Identify and study the viability of solar/renewable energy code requirements.

Goal 4.4 Support adoption the most current energy code available in the State of Texas.

Goal 4.5 Promote investment in community wide energy efficiency initiatives.

MISSION



Deliver exceptional services to support a high quality of life and place for our community

VISION



Develop a vibrant regional economy, safe and beautiful neighborhoods and exceptional recreational, cultural and educational opportunities powered by a high performing government



VALUES

Integrity, **R**espect, **E**xcellence,
Accountability, **P**eople