

El Paso's Streetlight Efforts

An aerial night photograph of El Paso, Texas, showcasing the city's streetlighting efforts. The image captures a wide expanse of the city, from the foreground with a large blue-roofed structure to the distant hills. The sky is a deep twilight blue, with a few wispy clouds. The city lights are a mix of warm yellow and orange, with some cooler blue and green lights visible. The streetlights are particularly prominent, illuminating the roads and parking lots. The overall scene is a vibrant display of urban lighting.

March 19, 2010



Sustainability Plan Goals

- Reduce energy consumption by 30% by 2014
- Implement 20 renewable energy projects by 2015
- Transition 20% of energy use to renewable sources by 2020
- Transition 10% of Community energy use to renewable sources by 2020



The new Toyota Cowrolla!



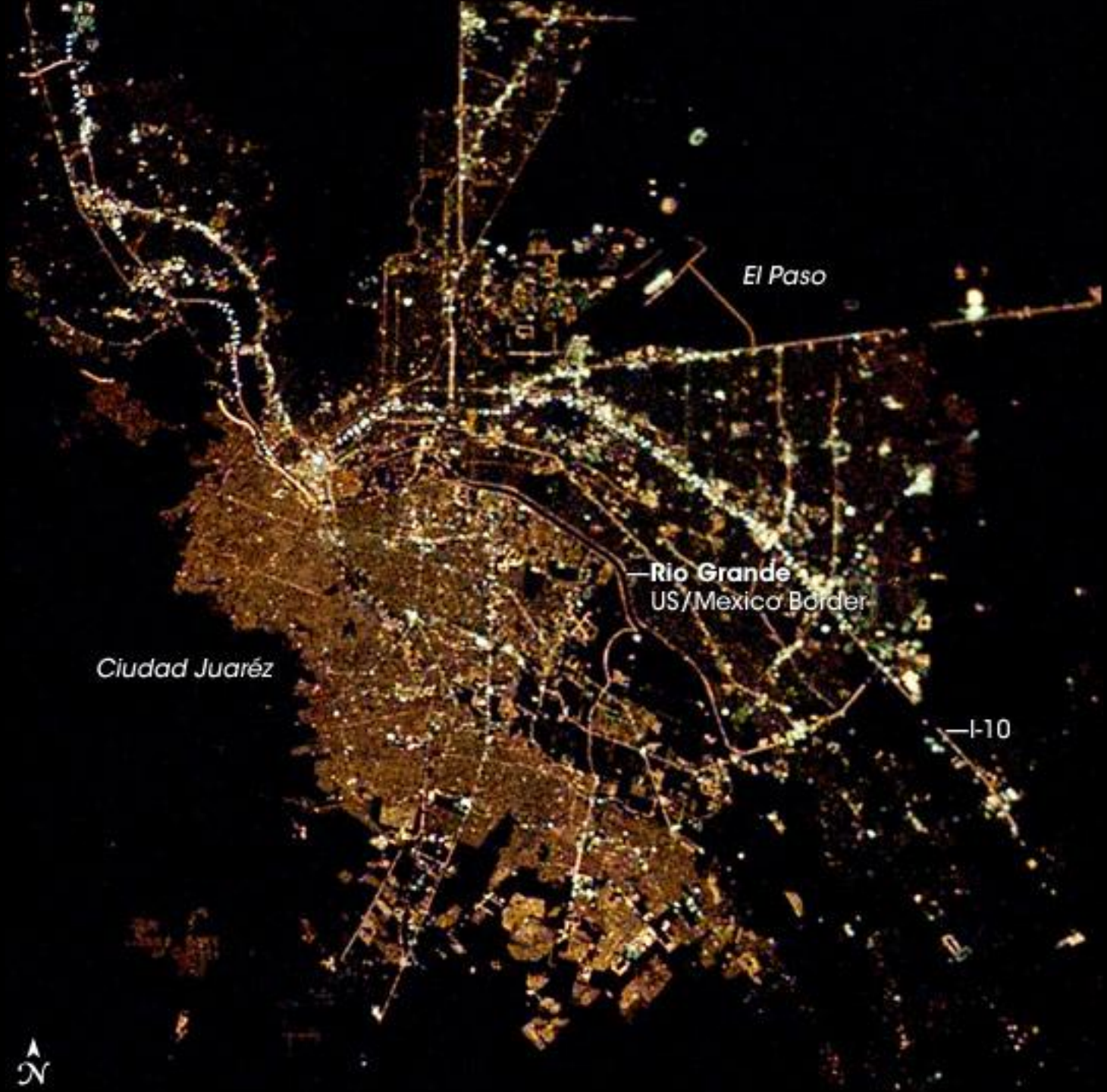
City of El Paso's EECBGG Plans

- Building Retrofits \$3M
- Landfill Gas to Energy \$900k
- Green Fleet Fund \$700k
- Wash Machine Rebates \$500k
- Solar Demonstration \$250k
- Recycling Outreach \$200k
- Solar PV System \$100k
- Virtual Meeting Room \$40k
- PACE Finance Consultant \$100k



Recent Texas SECO Application

- Requested \$3,549,500 in 2% funding



El Paso

Rio Grande
US/Mexico Border

Ciudad Juárez

I-10





Street Lights

- 23,700 existing high pressure sodium lights
- \$5.4M/year for street lights
- 53% of City's electrical consumption

- \$3M for 3,000 street lights
- \$460,000 annual savings
- 8.9 year payback



Street Light Details

- Start with a good inventory
- Warrantees
- Demonstrations
- Metered vs non-metered
- Ownership scenario



Energy Retrofits

- \$14.7 million; 51 buildings; 5,000 intersections
- 30% energy savings guaranteed
- Texas APWA Project of the Year
- Clean Air through Energy Efficiency
Outstanding Government Organization
Award



