



Item 4

Memorandum of Understanding

Between the City of El Paso, El Paso Chamber, El Paso Electric Company, the University of Texas at El Paso, and General Motors LLC

Requested Action

Approval of a resolution authorizing the City Manager to sign an **MOU** between the City, El Paso Chamber, El Paso Electric Company, University of Texas at El Paso, and GM Motors to collaborate and work together on **three energy initiatives**.



Strategic Plan Alignment

Advancing Community Priorities

- *Identify and develop plans for areas of reinvestment and local partnership*
 - Continue the development of integrated planning efforts with Communities of Excellence partners
- *Building on existing opportunities in alignment with identified community priorities*
 - Urban Energy Plan; RREAC Strategic Plan; Manufacturing Innovation Network, EPE Renewable Generation Study; Federal Legislative and Funding Opportunities; Army Climate Strategy

A Strong Interagency Work Effort

Representative of the **Communities of Excellence** Framework

- City of El Paso
- El Paso Chamber
- El Paso Electric Company
- University of Texas at El Paso
- General Motors LLC



A Commitment to Collaboration:

Three Initial Projects

- **Electric vehicle charging station deployment** across the City to facilitate vehicle electrification
- **Short interval carbon tracking** for approximately thirty local manufacturing businesses to assist in the development of carbon reduction strategies
- **Development and installation of microgrid demonstration projects**, including a proposed project at the El Paso International Airport

Electric Vehicle Charging Station Deployment



- Data-sharing between entities to identify optimal locations
- Prioritize and locate EV DCFC charging stations, in support of an equitable transition to electric vehicles
- Build out EV DCFC network for the El Paso region
- Lays the groundwork to secure funding through federal competitive grant opportunities



Short Interval Carbon Footprint Analysis



- Pilot targeting 30 local manufacturing businesses in the Manufacturing Innovation Network
- Deploy e-meters to the Network
- Collect and analyze energy data
- Results will guide future carbon reduction strategies



Microgrid Demonstration Projects



- Perform a technical feasibility study for microgrid projects, including a project at the El Paso International Airport
- Develop conceptual designs and operation models for microgrids
- Identify opportunities to connect with other renewable generation sources and technologies
- Will include detailed budgeting and financing information



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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