



# EPE – EV Tariff

Operational Assessment

# The Run Down

- Background – City Electrification Initiatives
- Potential Benefits
- Rate Case Information
- Ongoing PUCT Considerations
- Proposed Charging Stations
- Recommendation

# City Electrification Initiatives

- Fall 2021: City explores charging station locations and growth opportunities to encourage EV adoption with EPE, DMD, and others
- Spring 2022: City enters into MOU with GM, EPE, and the El Paso Chamber to work on charging stations, carbon footprinting for businesses, and development of an EV-enhanced microgrid at the Airport
- Fall 2022: City is awarded \$8.8M grant to invest in 50 EV paratransit vehicles and install 25 EV charging stations

# Potential Benefits of EVs

- EV uptake will reduce green house gasses and local pollution
- Has growing EV adoption (over 2600 as of December 2022, 51% growth over last year) and around 77 public charging stations
- EPE has interest from several property owners who would like charging stations without the complexity of owning and operating them
- EV manufacturing is a huge opportunity for our advance manufacturing sector

# EPE – EV Tariff Rate Case

- EPE is requesting permission to charge a special rate on charging stations as part of a 20-station pilot
- Rate is designed to recover the cost of infrastructure and maintenance through charging station customers, **not EPE ratepayers**
- Requested rate is \$0.10 per minute, or \$6.00 per hour
- Idle rate, where parking space is occupied but no charging is taking place - up to \$5.00 per hour
- Goal is to encourage EV adoption through growth of El Paso's charging station network – EPE to collect and share pilot impact data

# Public Utility Commission Considerations

- PUC currently considering similar case: Entergy in East Texas (Beaumont, Houston, etc.)
- Decision on whether utilities like EPE can own charging stations without monopolizing the market – Decision due sometime in 2023
- Chargepoint, a national charging station operator, is supporting Entergy as long as they:
  - Provide equal assistance to all market entrants
  - Don't undercut market with their own charging stations
- EPE has committed to responsibly disposing of assets in the event of a poor outcome for Entergy at no cost to ratepayer

# Competitive Analysis

Entity	Energy (kWh)	Charge Time (min)	Total Cost	Per min equivalent
Blink Members	7.6	60	\$ 2.96	\$ 0.05
Blink Guests	7.6	60	\$ 3.72	\$ 0.06
WestStar Garage	7.6	60	\$ 5.00	\$ 0.08
Kansas Garage	7.6	60	\$ 2.25	\$ 0.04
Walmart	7.6	60	\$ 9.60	\$0.16
EPE EV tariff	7.6	60	\$ 6.00	\$ 0.10

# Proposed Charging Station Locations

- Convention Center
- On street charging stations to be located along Franklin St. and Cincinnati St., replacing parking meters
- EPE to reimburse City annually for lost parking meter revenue



# Recommendation

- To approve proposed Rate Schedule No. PEVC-A, Public Electric Vehicle Charging Rate, as a pilot program

## 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,  
**A**ccountability, **P**eople

## MISIÓN



Brindar servicios excepcionales  
para respaldar una vida y un  
lugar de alta calidad para  
nuestra comunidad

## VISIÓN



Desarrollar una economía regional  
vibrante, vecindarios seguros y  
hermosos y oportunidades  
recreativas, culturales y educativas  
excepcionales impulsadas por un  
gobierno de alto desempeño



## VALORES

Integridad, **R**espeto, **E**xcelencia,  
**R**esponsabilidad, **P**ersonas