Oscar Leeser Mayor

Tommy Gonzalez City Manager



CITY COUNCIL
Peter Svarzbein, District 1
Alexsandra Annello, District 2
Cassandra Hernandez, District 3
Joe Molinar, District 4
Isabel Salcido, District 5
Claudia L. Rodriguez, District 6
Henry Rivera, District 7
Cissy Lizarraga, District 8

NOTICE OF WORK SESSION OF THE CITY COUNCIL OF THE CITY OF EL PASO

November 22, 2021 COUNCIL CHAMBERS, CITY HALL, 300 N. CAMPBELL AND VIRTUALLY 9:05 AM

THE LOCAL HEALTH AUTHORITY STRONGLY RECOMMENDS THE USE OF MASKS IN ALL CITY FACILITIES AND INDOOR SPACES

Teleconference phone number 1-915-213-4096
Toll free number: 1-833-664-9267
Conference ID: 465-400-784#

Notice is hereby given that a Work Session of the City Council of the City of El Paso will be conducted on November 22, 2021 at 9:05 A.M. Members of the public may view the meeting via the following means:

Via the City's website. http://www.elpasotexas.gov/videos Via television on City15,

YouTube: https://www.youtube.com/user/cityofelpasotx/videos

In compliance with the requirement that the City provide two-way communication for members of the public, members of the public may communicate with Council during public comment, and regarding agenda items by calling the following number:

1-915-213-4096 or Toll free number: 1-833-664-9267

At the prompt please enter the corresponding Conference ID: 465-400-784#

The public is strongly encouraged to sign up to speak on items on this agenda before the start of this meeting on the following links:

https://www.elpasotexas.gov/city-clerk/meetings/city-council-meetings and

http://legacy.elpasotexas.gov/muni clerk/Sign-Up-Form-Monday-Work-Session.php

The following member of City Council will be present via video conference:

Representative Alexsandra Annello

A quorum of City Council must participate in the meeting.

AGENDA

1.	Presentation and discussion by the COVID-19 Response and Recovery Cross-Functional Team providing information on key activities, efforts and processes.				
	1.	Overview (Tommy Gonzalez)			
	2.	City Attorney Overview (Karla Nieman) a) Greg Abbott, in his official capacity as Governor of Texas, v. City of El Paso b) E.T. by and through her parents et. al v. Mike Morath, in his official capacity as the Commissioner of Texas Education Agency (TEA), et. al c) BST Holdings, LLC., et. al v. Occupational Safety and Health Administration (OSHA) et. al			
	3.	Team Lead Report: a) Health Focus (Hector Ocaranza, M.D.) b) Data Analysis (David Coronado)			
	4.	City Manager Wrap-up (Tommy Gonzalez)			
	All Districts City Manager's Office, Cary Westin, (915) 212-1063				
2.	Presentation and update by the El Paso Electric Company on its strategic plan and goals, including but not limited to, transportation electrification.				
	All Districts				

All Districts

3.

Community and Human Development, Nicole Ferrini, (915) 212-1659

Multi-Family Affordable Development.

Economic and International Development, Elizabeth Triggs, (915) 212-0094

Housing Programs Update: Housing Rehabilitation, First Time Home Buyer and

EXECUTIVE SESSION

The following member of City Council will be present via video conference:

Representative Alexsandra Annello

21-1347

The City Council of the City of El Paso may retire into EXECUTIVE SESSION pursuant to Section 3.5A of the El Paso City Charter and the Texas Government Code, Chapter 551, Subchapter D, to discuss any of the following: (The items listed below are matters of the sort routinely discussed in Executive Session, but the City Council of the City of El Paso may move to Executive Session any of the items on this agenda, consistent with the terms of the Open Meetings Act and the Rules of City Council.) The City Council will return to open session to take any final action and may also, at any time during the meeting, bring forward any of the following items for public discussion, as appropriate.

Section 551.071	CONSULTATION WITH ATTORNEY
Section 551.072	DELIBERATION REGARDING REAL PROPERTY
Section 551.073	DELIBERATION REGARDING PROSPECTIVE GIFTS
Section 551.074	PERSONNEL MATTERS
Section 551.076	DELIBERATION REGARDING SECURITY DEVICES OR SECURITY AUDITS
Section 551.087	DELIBERATION REGARDING ECONOMIC DEVELOPMENT NEGOTIATIONS
Section 551.089	DELIBERATION REGARDING SECURITY DEVICES OR SECURITY AUDITS; CLOSED
	MEETING

Goal 6: Set the Standard for Sound Governance and Fiscal Management

Discussion and action on the following:

EX1.	Max Grossman v. City of El Paso; 8th Court of Appeals, Case #08-19-00272-CV; Matter No. 17-1001-171.001.001 (551.071) City Attorney's Office, Karla M. Nieman, (915) 212-0033	<u>21-1348</u>
EX2.	Claim of Shea Herman. Matter No. 21-1036-3538 (551.072)	<u>21-1339</u>
	City Attorney's Office, Mathew Engelbaum, (915) 212-0033	
EX3.	Application for Approval of Advanced Metering System (AMS); Public Utility Commission of Texas Docket No. 52040. Matter No. 21-1008-168 (551.072)	<u>21-1340</u>
	City Attorney's Office, Frances Engelbaum, (915) 212-0033	
EX4.	Discussion and action regarding the potential sale/purchase, exchange, lease, or value of real property managed by the El Paso Water Utilities. Matter No. 21-1009-1120 (551.072)	<u>21-1341</u>
	Capital Improvement Department, Samuel Rodriguez, (915) 212-0065	
EX5.	Discussion regarding the value and purchase/sale of real property managed by the El Paso Water Utilities located northeast of the City of Van Horn in Culberson County. Matter No. 21-1009-1124 (551.072)	<u>21-1342</u>
	Capital Improvement Department, Samuel Rodriguez, (915) 212-0065	
EX6.	Discussion regarding the value and purchase/sale of real property managed by the El Paso Water Utilities located in Central/East El Paso, Texas. Matter No. 21-1009-1123 (551.072)	<u>21-1343</u>

Capital Improvement Department, Samuel Rodriguez, (915) 212-0065

EX7.	Discussion and action regarding the potential sale/purchase of real property managed by the El Paso Water Utilities in Northeast El Paso. Matter No. 21-1009-1123 (551.072)	21-1344
	Capital Improvement Department, Samuel Rodriguez, (915) 212-0065	
EX8.	Economic Incentives for a Manufacturing Company located in the City of El Paso. Matter No. 21-1007-2829. (551.071) (551.087)	<u>21-1345</u>
	Economic and International Development, Elizabeth Triggs, (915) 212-0095	
EX9.	Economic Incentives for a Manufacturing Company located in the City of El Paso. Matter No. 21-1007-2820. (551.071) (551.087)	<u>21-1346</u>
	Economic and International Development, Elizabeth Triggs, (915) 212-0095	

<u>ADJOURN</u>

NOTICE TO THE PUBLIC:

If you need Spanish Interpreter Services, you must email CityClerk@elpasotexas.gov at least 48 hours in advance of the meeting.

ALL REGULAR CITY COUNCIL AGENDAS ARE PLACED ON THE INTERNET THURSDAY PRIOR TO THE MEETING AT THE ADDRESS BELOW:

http://www.elpasotexas.gov/

El Paso, TX

Legislation Text

File #: 21-1320, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below. No Title's, No emails. Please use ARIAL 10 Font.

All Districts

City Manager's Office, Cary Westin, (915) 212-1063

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Presentation and discussion by the COVID-19 Response and Recovery Cross-Functional Team providing information on key activities, efforts and processes.

- 1. Overview (Tommy Gonzalez)
- 2. City Attorney Overview (Karla Nieman)
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- 3. Team Lead Report:
 - a) Health Focus (Hector Ocaranza, M.D.)
 - b) Data Analysis (David Coronado)
 - 4. City Manager Wrap-up (Tommy Gonzalez)

CITY OF EL PASO, TEXAS AGENDA ITEM DEPARTMENT HEAD'S SUMMARY FORM

DEPARTMENT: City Manager's Office

AGENDA DATE: November 22, 2021

CONTACT PERSON NAME AND PHONE NUMBER: Senior Deputy City Manager, Cary Westin (915) 212-1063

DISTRICT(S) AFFECTED: All Districts

SUBJECT:

Presentation and discussion by the COVID-19 Response + Recovery Cross-Functional Team providing information on key activities, efforts, and processes.

- 1. Overview (Tommy Gonzalez)
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BACKGROUND / DISCUSSION:

The COVID-19 Response + Recovery Cross-Functional Team is comprised of ten multi-disciplinary teams focused on the continued planning, development and implementation of actions supporting key impact areas. Ongoing updates will be provided to share key information and key upcoming items.

PRIOR COUNCIL ACTION:

N/A

AMOUNT AND SOURCE OF FUNDING:

N/A

BOARD / COMMISSION ACTION:

Enter appropriate comments or N/A

DEPARTMENT HEAD:

(If Department Head Summary Form is initiated by Purchasing, ellent department should sign also)



COVID-19 Response + Recovery

Cross-Functional Team Update 11.22.21

Table of Contents

- 1. Overview (Tommy Gonzalez)
- 2. City Attorney Overview (Karla Nieman)
 - a. Greg Abbott, in his official capacity as Governor of Texas, v. City of El Paso
 - b. E.T. by and through her parents et. al v. Mike Morath, in His Official Capacity as the Commissioner of Texas Education Agency (TEA), et. al
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1. Overview

Tommy Gonzalez



2. City Attorney Overview

November 22, 2021

Overview

- 1. Greg Abbott, in his official capacity as Governor of Texas, v. City of El Paso
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- 3. BST Holdings, LLC et al. v. Occupational Safety and Health Administration (OSHA) et al.

Karla Nieman

Greg Abbott v. City of El Paso

❖ September 30, 2021:

- ❖ 8th Court of Appeals denied City's request to keep Temporary Injunction in place
- City's Mask Mandate paused

❖October 5, 2021:

City submitted reply brief

❖ October 12, 2021:

- Governor's reply brief filed
- ❖ Amount of time spent on lawsuit: 395 hours

❖ November 12, 2021

- ❖ 8th Court of Appeals date of submission
- Court of Appeals can issue opinion any time after submission date





E.T., by and through her parents, et al. v. Mike Morath, in His Official Capacity as the Commissioner of Texas Education Agency (TEA), et al.

- ❖GA-38 prohibits implementation of mask mandates
- Lawsuit alleging that TX AG's enforcement of GA-38 against schools violates the Americans with Disability Act
- Plaintiffs asserts GA-38 places them in imminent danger if they return to school or forces them out of the public school system
- The court concluded that GA-38 violates the ADA and other federal laws & permanently enjoined the AG from prohibiting school districts from requiring masks





BST Holdings, LLC., et. al v. Occupational Safety and Health Administration (OSHA) et. al

- September 9, 2021 President Biden directed OSHA to implement and enforce an Emergency Temporary Standard on COVID-19 vaccinations for employers with 100 or more employees
- ❖November 5, 2021- Private companies & several states sued to challenge the validity of the Emergency Temporary Standard (ETS) issued by OSHA
- Plaintiffs also filed an emergency motion to stay enforcement of OSHA's ETS
- ❖ November 6, 2021- U.S. 5th Circuit Court of Appeals granted the stay
- ❖ November 12, 2021- Court extended the stay





3. Team Lead Report



a. Health Focus

Hector I. Ocaranza, M.D.



COVID-19 Summary







Positive Tests 331 154,262 COVID-19 Deaths 2857 0

Active 4,934

Recovered 146,300 Hospitalized 232

In ICU 84



Stage 2



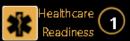














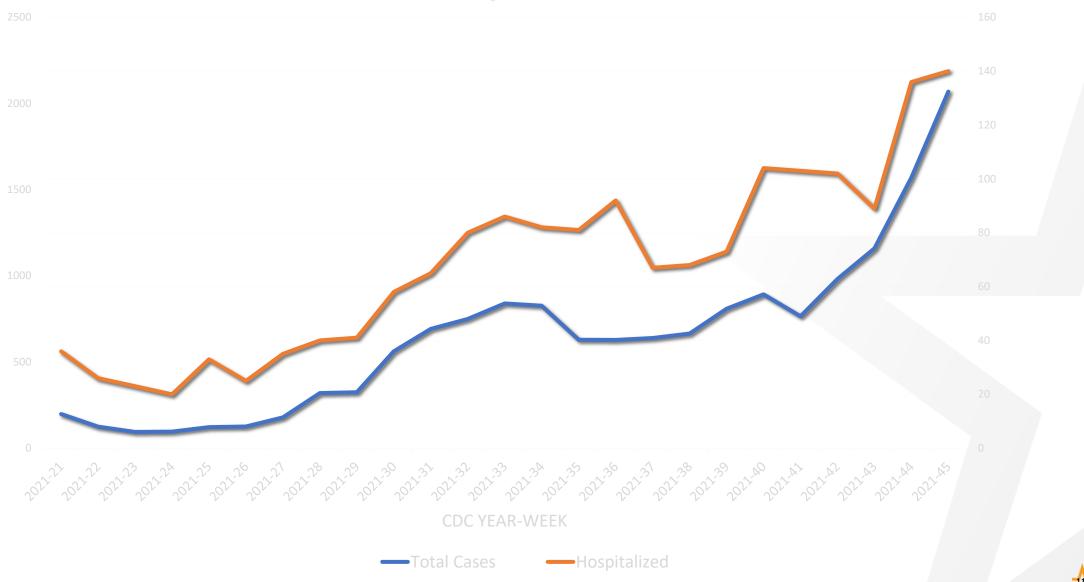


- ❖New Cases per capita (7-day avg) grew 175% in only 1 month
- ❖Hospitalized patients now rising rapidly ≈ 200 patients
- •We continue moving forward with vaccination of eligible population
- Pandemic continue to be fueled by the unvaccinated
- We STRONGLY continue recommending practicing prevention with vaccination and non-pharmacological interventions





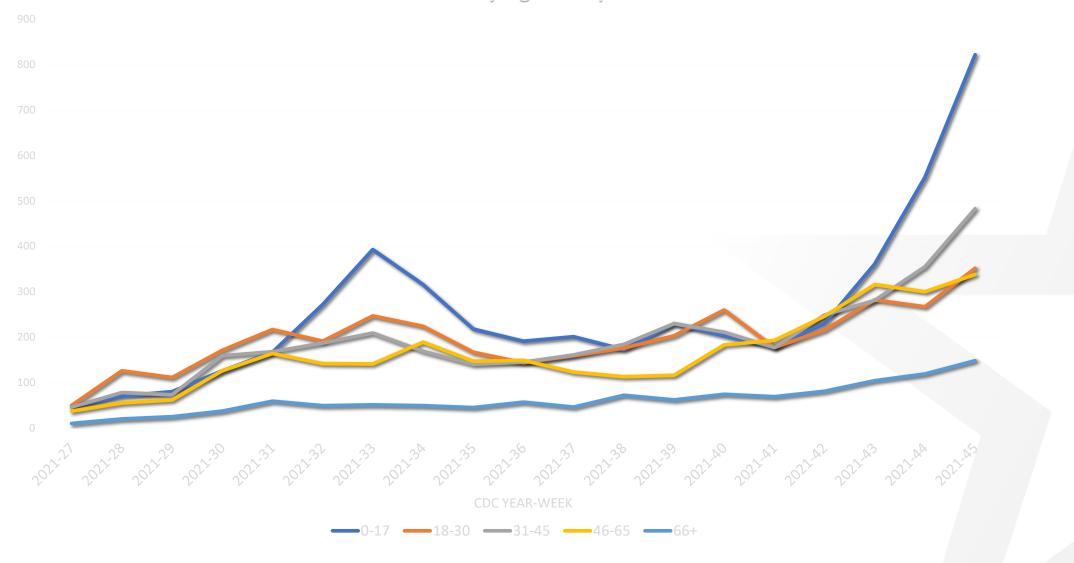
Cases/Hospitalizations







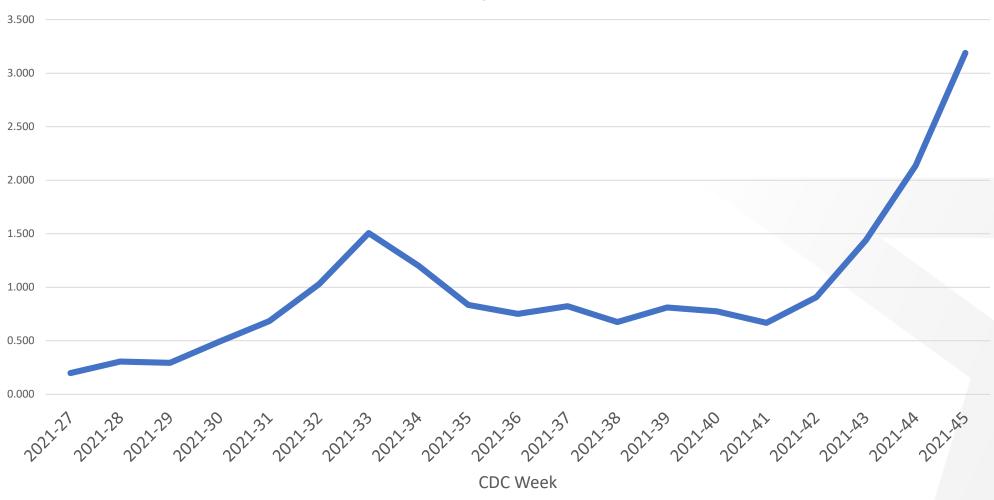
Cases by Age Group







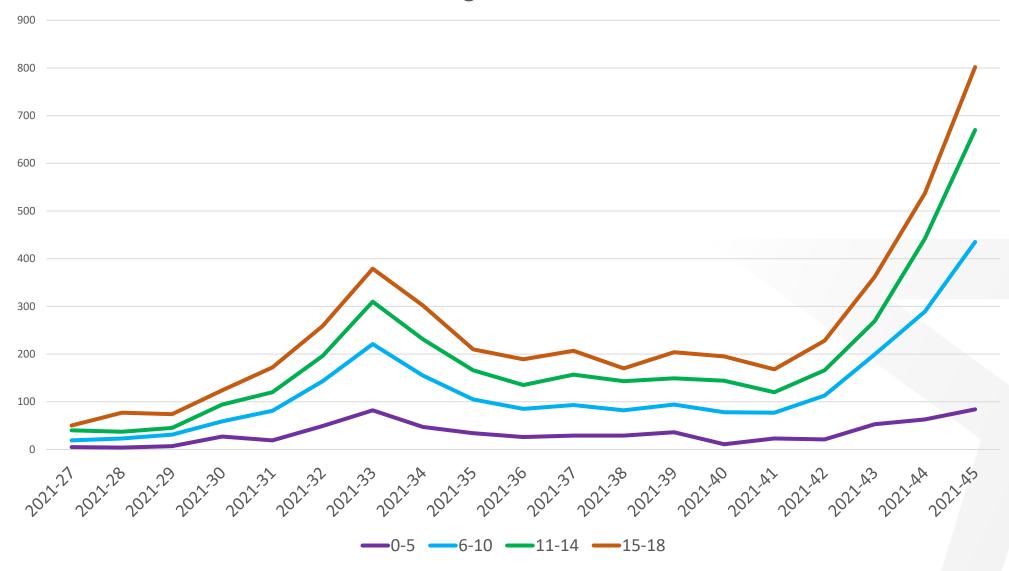
School-age Children (Cases per 1,000)







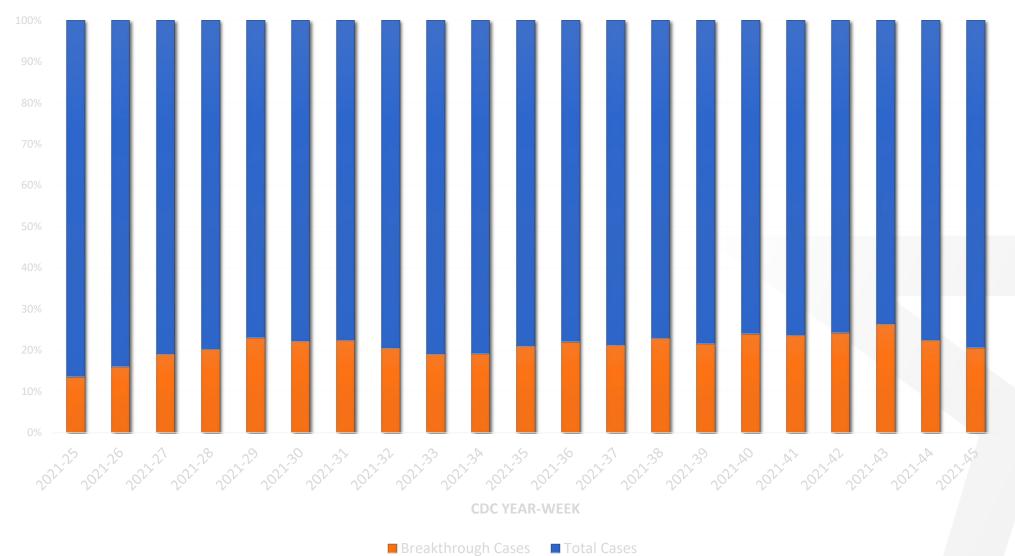
School Age Children Cases







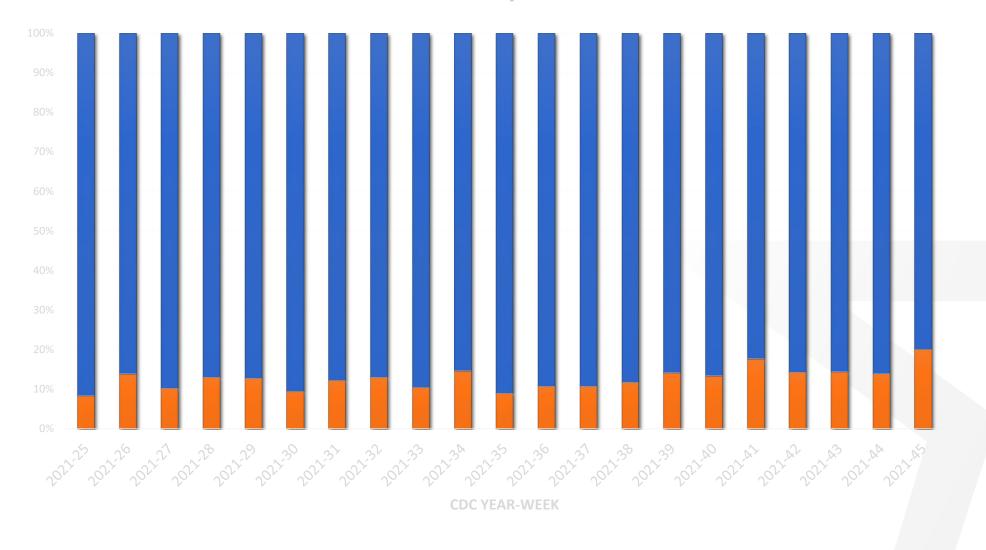
Unvaccinated Cases







Unvaccinated Hospitalized

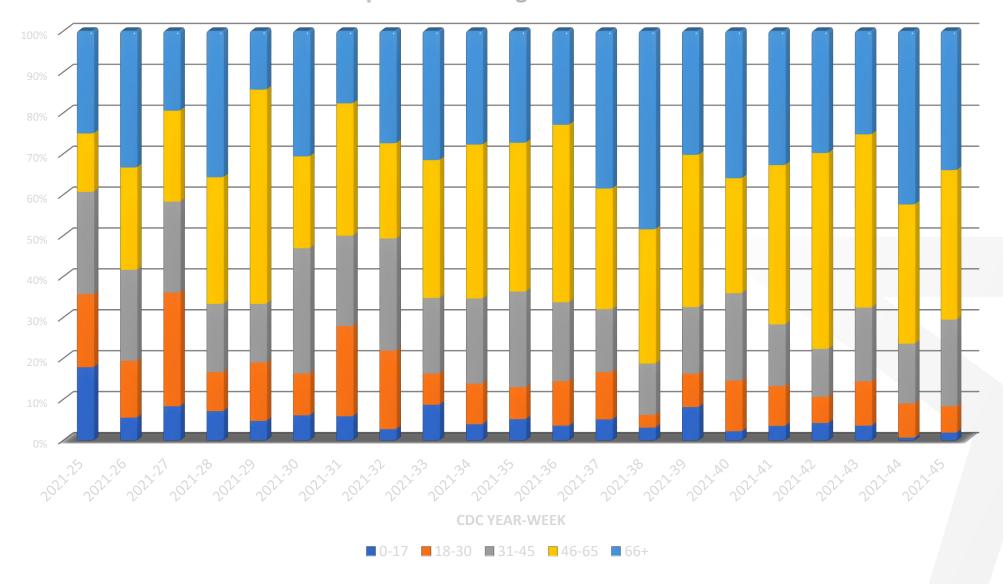


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Hospitalization Age Distribution







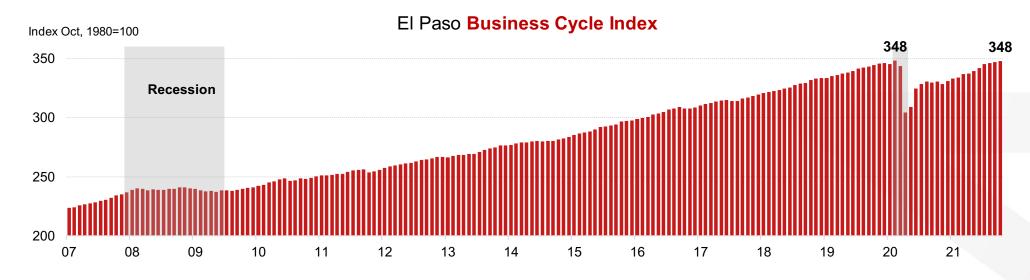
b. Data Analysis

David Coronado



Business Cycle Index

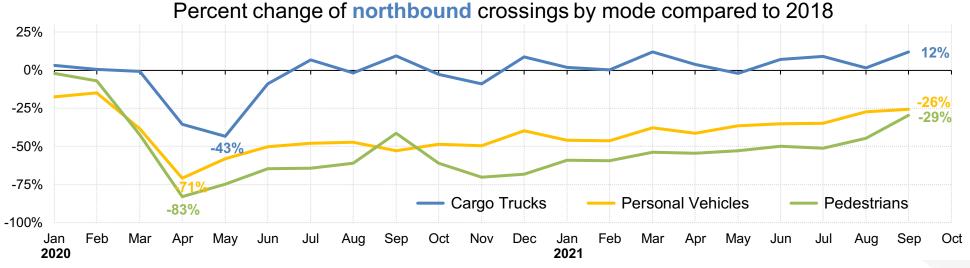
The path to economic recovery seems to be gaining steam driven by lower unemployment



Source: Federal Reserve Bank of Dallas. Last observation: October, 2021



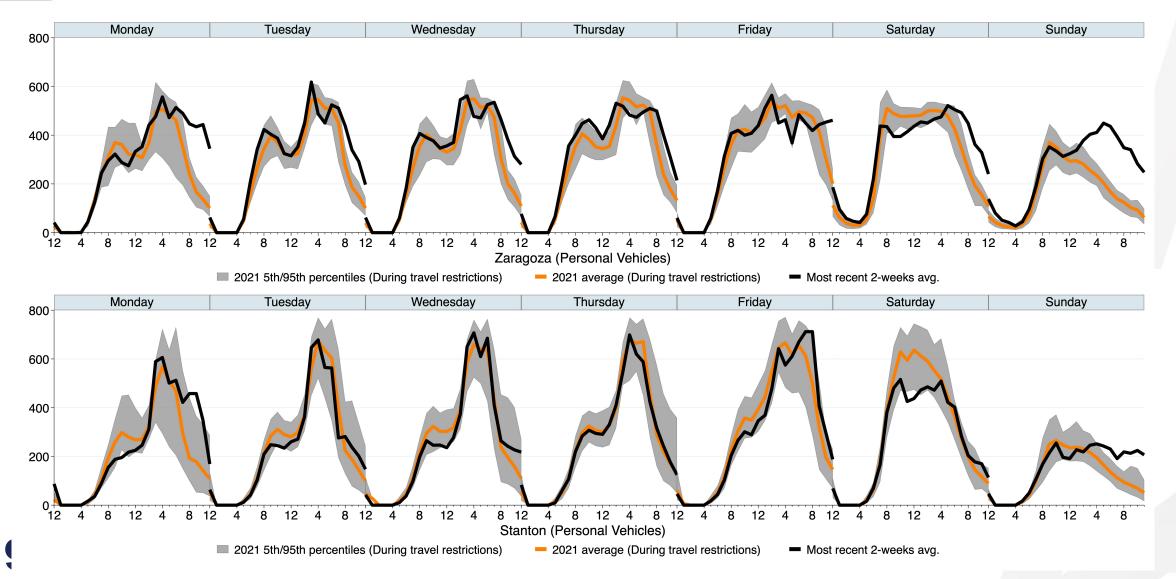
International Bridge Crossings



Source: U.S. Customs and Border Protection compiled by the City of El Paso International Bridges. Last observation: September, 2021

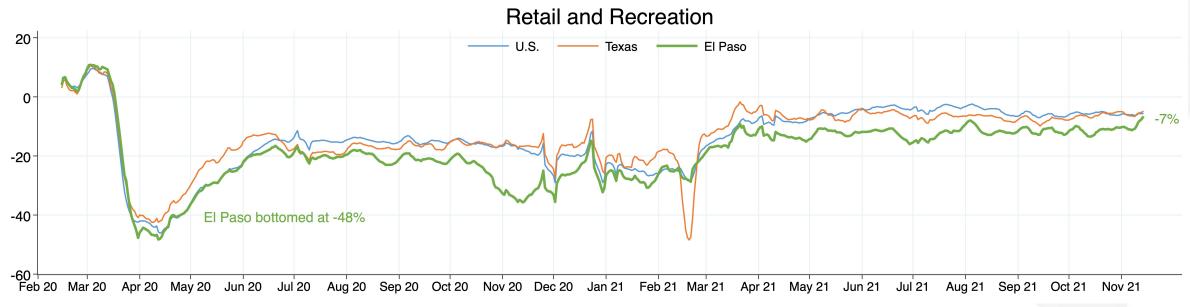


SB vehicle crossings city-owned bridges





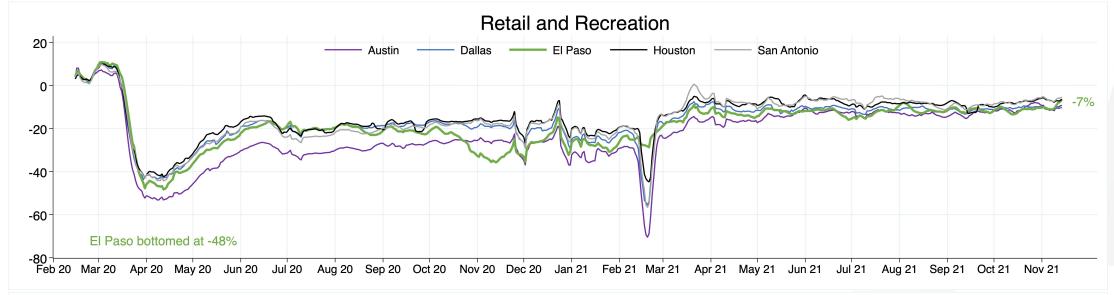
Google Mobility Data

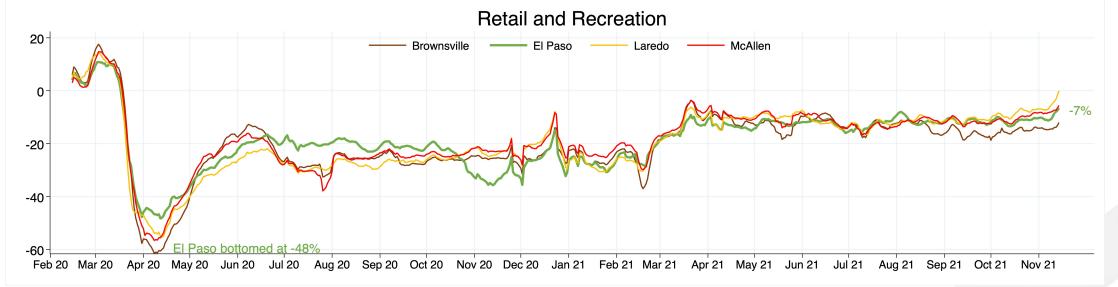


Source: Google LLC. Graphs Reflect weekly averages. Last observation November 14, 2021. Percent change of mobility compared to January 3-February 6 (Baseline) for that day of the week.



Google Mobility Data

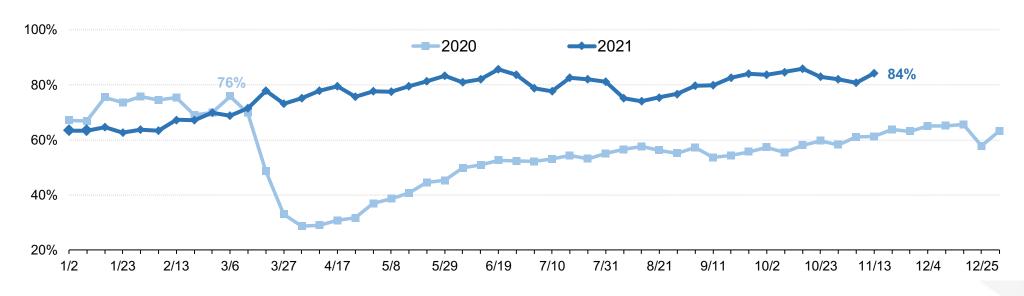






Hotel Occupancy

Hotel Occupancy (weekly average) above pre-pandemic levels (84%)



Source: Destination El Paso. Last observation: November 13, 2021

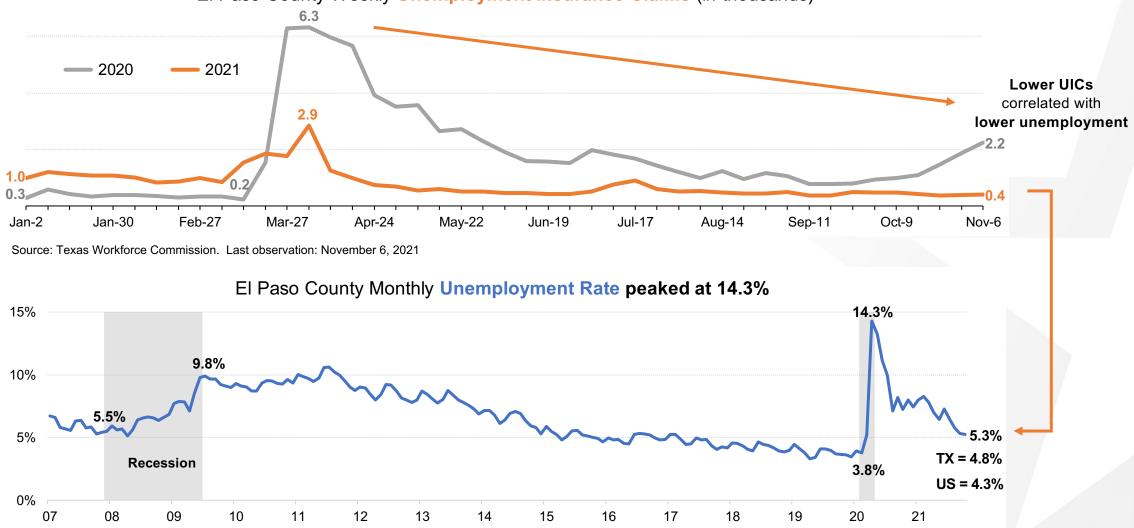
September 2021

U.S. – 61.6% TX – 60.4%



El Paso County Unemployment

El Paso County Weekly Unemployment Insurance Claims (in thousands)

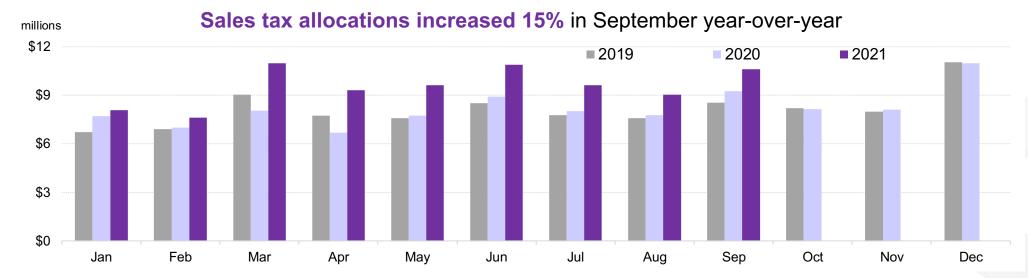


23

Source: Texas Workforce Commission. Last observation: October, 2021



Retail Sales (allocations)



Source: Texas Comptroller of Public Accounts. Last observation: September, 2021



4. City Manager Wrap-up

Tommy Gonzalez



Thank you!



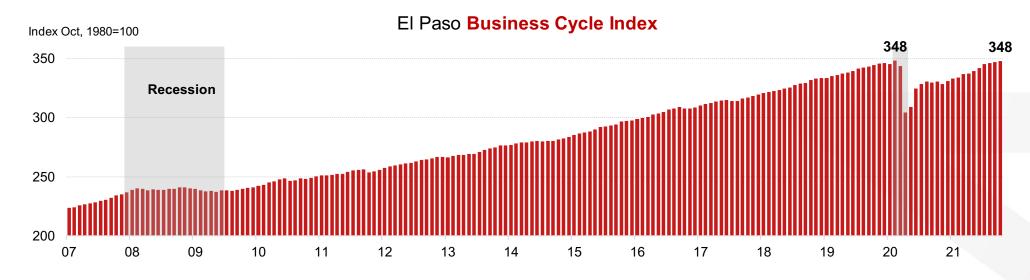
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Business Cycle Index

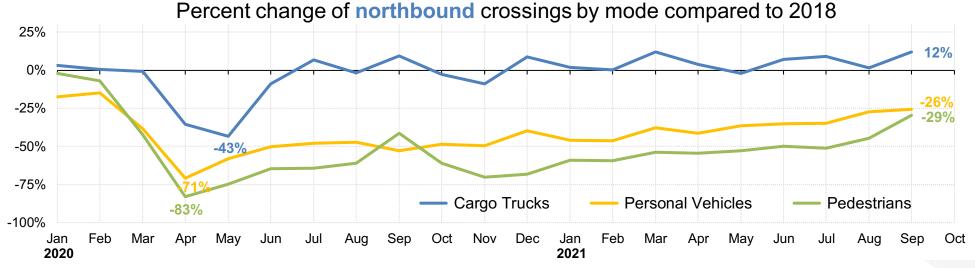
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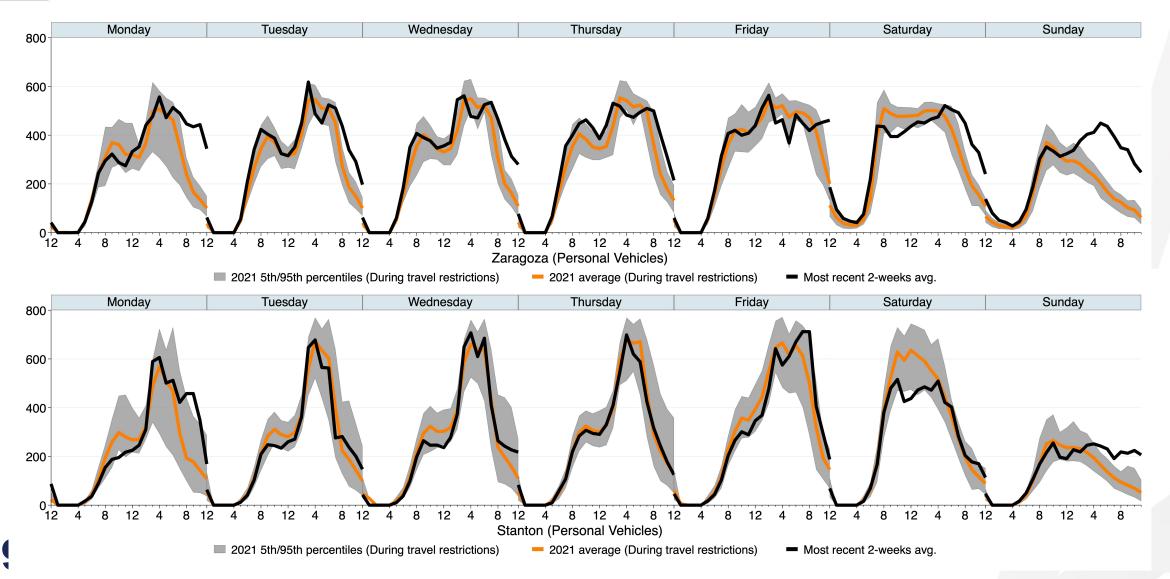
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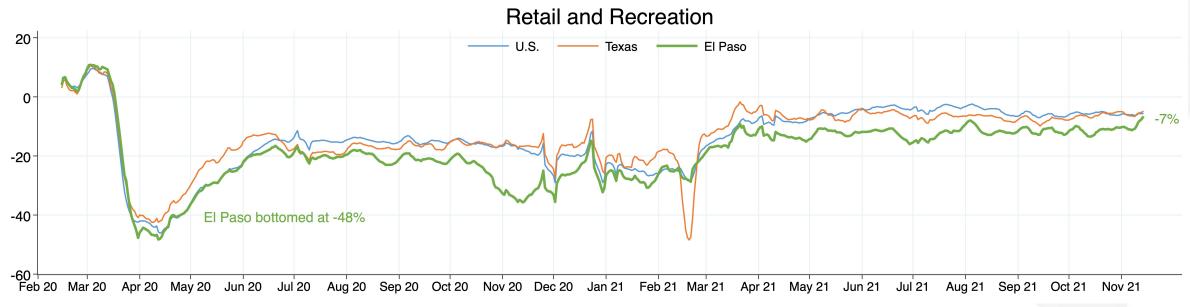


SB vehicle crossings city-owned bridges





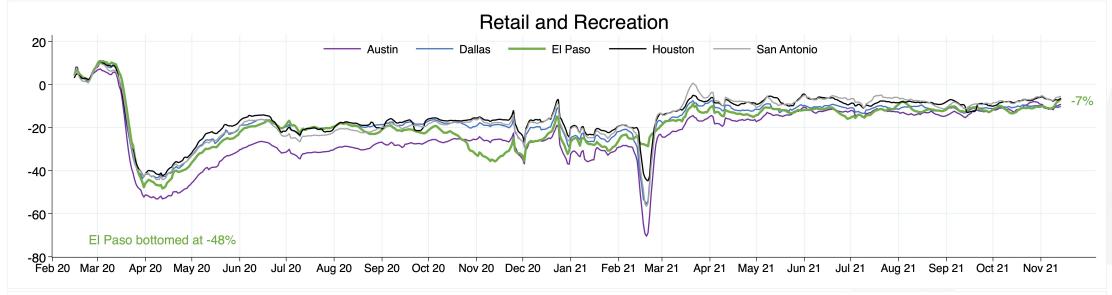
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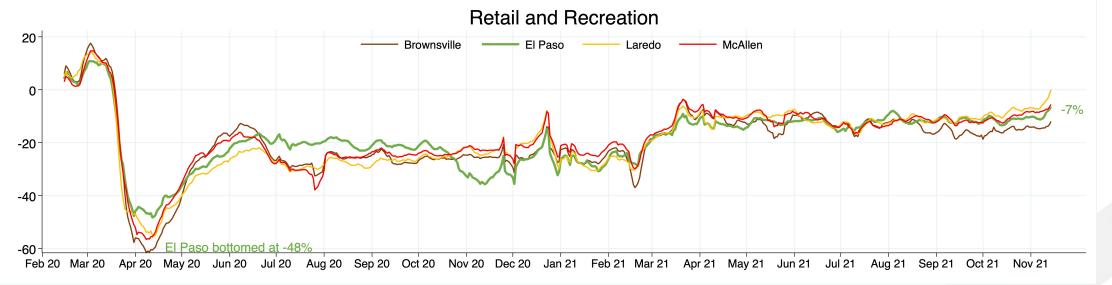


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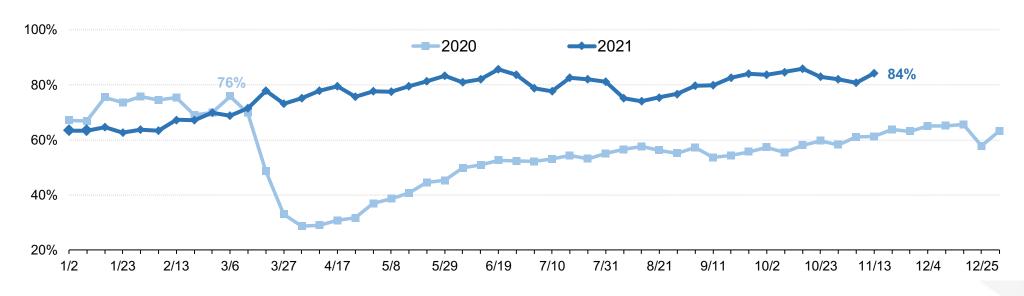






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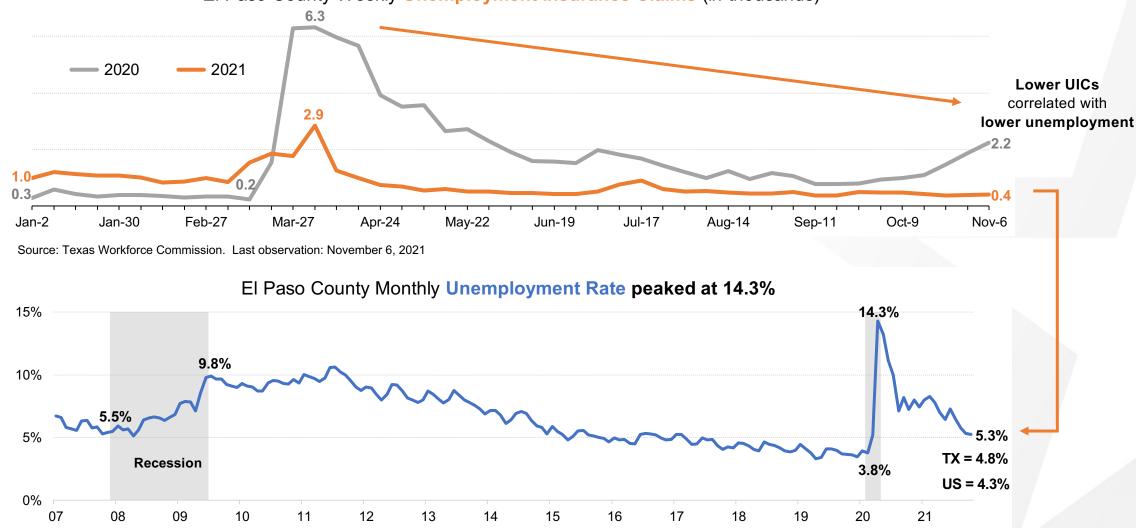
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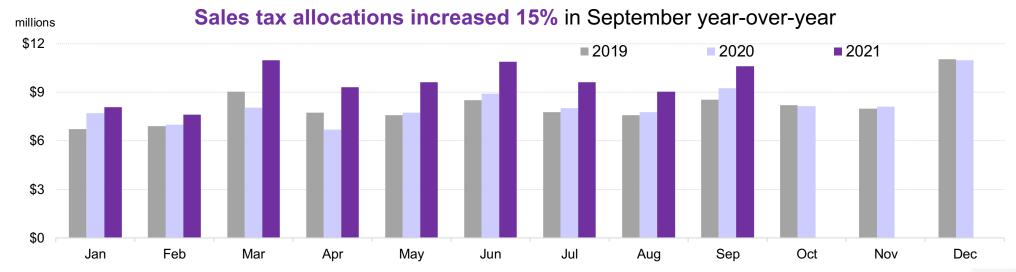


23

Source: Texas Workforce Commission. Last observation: October, 2021



Retail Sales (allocations)



Source: Texas Comptroller of Public Accounts. Last observation: September, 2021

El Paso, TX

Legislation Text

File #: 21-1337, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below. No Title's, No emails. Please use ARIAL 10 Font.

All Districts

Economic and International Development, Elizabeth Triggs, (915) 212-0094

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Presentation and update by the El Paso Electric Company on its strategic plan and goals, including but not limited to, transportation electrification.

CITY OF EL PASO, TEXAS AGENDA ITEM DEPARTMENT HEAD'S SUMMARY FORM

AGENDA DATE: 11/22/2021 PUBLIC HEARING DATE: N/A

CONTACT PERSON(S) NAME AND PHONE NUMBER: Elizabeth Triggs, (915) 212-0094

DISTRICT(S) AFFECTED: All Districts

STRATEGIC GOAL: 6. Set the standard for sound governance and fiscal management

SUBGOAL: 6.4 Implement leading-edge practices for achieving quality and performance excellence

SUBJECT:

APPROVE a resolution / ordinance / lease to do what? OR AUTHORIZE the City Manager to do what? Be descriptive of what we want Council to approve. Include \$ amount if applicable.

Presentation and update by the El Paso Electric Company on its strategic plan and goals, including but not limited to, transportation electrification.

BACKGROUND / DISCUSSION:

Discussion of the what, why, where, when, and how to enable Council to have reasonably complete description of the contemplated action. This should include attachment of bid tabulation, or ordinance or resolution if appropriate. What are the benefits to the City of this action?

What are the citizen concerns?

Through this presentation, the El Paso Electric Company will share its strategic plan and the goals contained therein, with an emphasis on activities currently underway to advance transportation electrification in our region.

PRIOR COUNCIL ACTION:

Has the Council previously considered this item or a closely related one? N/A

AMOUNT AND SOURCE OF FUNDING:

How will this item be funded? Has the item been budgeted? If so, identify funding source by account numbers and description of account. Does it require a budget transfer?

N/A

HAVE ALL AFFECTED DEPARTMENTS BEEN NOTIFIED?	X YES	NO	
PRIMARY DEPARTMENT: Economic & International Development SECONDARY DEPARTMENT: City Manager's Office			

DEPARTMENT HEAD:

(If Department Head Summary Form is initiated by Purchasing, client department should sign also)

Revised 04/09/2021



Transforming Our Strategic Plan

Transforming Our Strategic Plan



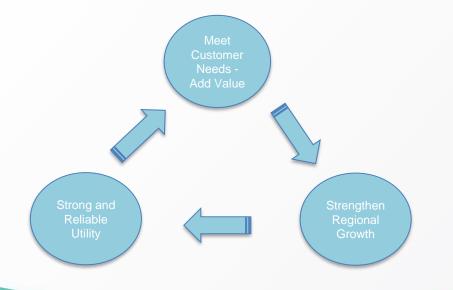
Core Pillars





Purpose of Strategic Plan

- Long-term vision for energy transformation
- Mission and commitment to customers and community
- Alignment of employees and resources to common goals





Development of Strategic Plan

- Listening to our Customers and their concerns and aspirations
- Developed in collaboration with regional partners
- Community Advisory Panel input
- Listened to input and concerns of the City
- Taking the input of our employees
- Looking at the Industry and its directions
- Solving for our issues today and positioning our region to excel in the future
- Economic development is of priority to all of us
- We are committed to our customers and our community



Strategic Goals

Build a Trusted Partnership with Customers and Community

2
Propel Growth
in Our Company
and the Region

Leverage Technology to Drive Efficiency and Security

Lead
Environmental
Sustainability

Drive a
Work Culture of
Empowerment,
Accountability,
and Inclusion





Together we are powering the next hundred years of growth, innovation and economic vibrancy.

Build a Trusted Partnership with **Customers and** Community

- 1.1 Champion customer affordability
- 1.2 Drive reliability and customer service

- 1.3 Deliver customer choice for programs and rates
- 1.4 Develop a transparent education and communication plan
- 1.5 Partner with institutions to build connections and social improvements for our region







Together we are powering the next hundred years of growth, innovation and economic vibrancy.

Propel Growth in Our Company and the Region

- 21 Partner with local educational institutions to develop, create and retain the workforce of the future
- 2.2 Actively participate in economic development to grow our region's commercial and industrial base
- 2.3 Provide energy solutions for electrification and our community's emerging energy needs
- 2.4 Proactive engagement in energy sector's legislative and regulatory construct

2.5 Develop business initiatives for the growth of our company







Together we are powering the next hundred years of growth, innovation and economic vibrancy.

Leverage **Technology to Drive Efficiency** and Security

- 3.1 Capture opportunities in our evolving industry
- 3.2 Modernize the grid to meet the customer's energy needs
- 3.3 Implement technological resources and data analytics to automate and optimize business operations
- 3.4 Provide robust cyber and CIP security technology for data and systems

3.5 Optimize assets for participation in regional markets







Together we are powering the next hundred years of growth, innovation and economic vibrancy.

Lead **Environmental** Sustainability

- **41** Offer customers green energy options
- 4.2 Drive solutions for greater renewable energy integration and clean energy
- 4.3 Manage energy demand growth and levelize peak load
- 4.4 Replace aging power generation and grid infrastructure

4.5 Transform our fleet and facilities environmental footprint







Together we are powering the next hundred years of growth, innovation and economic vibrancy.

Drive a **Work Culture of Empowerment,** Accountability, and Inclusion

- 51 Create a culture and system for safety performance
- **5.2** Develop programs for health and wellness

- 5.3 Drive leadership development and effectiveness
- 5.4 Institute and incentivize performance management and employee accountability
- 5.5 Optimize organizational structure for effectiveness and agility



Modernizing Our Grid



Grid Modernization Definition

Grid Modernization (Grid-Mod):

- The application of sensors, computers and communications, that is, increasing intelligence, or 'smarts,' of the grid
- Goal: Improve the flexibility needed to adapt and enable a range of technologies onto the grid



Grid-Mod Definitions

Embedded Devices – The micro-processing "chips" that the manufacturers are putting into everything to collect/provide data.

Controllable Embedded Devices – Some chips do more than collect/provide data...they can actualy control the device.

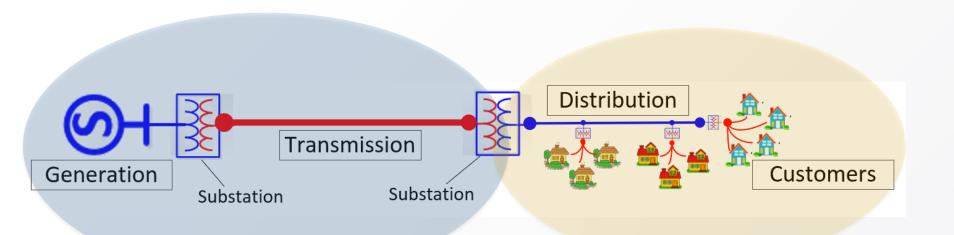
The Internet of Things (IoT) – Refers to a system of interrelated, internet-connected objects with <u>embedded devices</u> that are able to collect and transfer data by way of the internet.

Situational Awareness – Simply put: "knowing what is going on around us."





Grid-Mod Definitions - Orientation



Bulk Electric System - BES

Distribution System



Grid-Mod Definitions – Orientation

BES - Transmission



345 kV, 115 kV, 69 kV





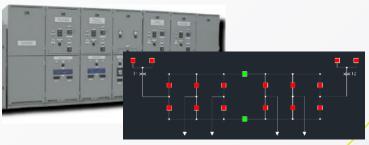
At the **Bulk Electric System** (BES) Level

Active Technology and Data Analytic Deployment Projects

- Transient Wave Systems (TWS) + Data Analysis on Transmission
- New Protective Relaying Technology with remote query and programming functionality
- Electromechanical relay change-out 2700 of 4,000 relays are electromechanical.
- More from electromechanical Add a device that provides analytics from electromechanical relays.
- A team dedicated to R&D to determine if any new devices will help improve our system.

Substation Standards – Automation & Digitization

- Double bus double breaker (Distribution side)
- Improved ring bus (Transmission & Distribution side)
- All new distribution substations will have full automation going forward.
- Additions of T2 to existing substation will be converted in phases to have local automation





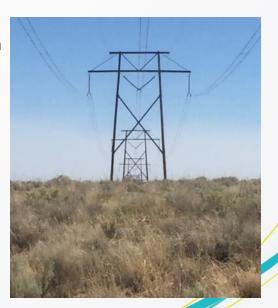
At the Bulk Electric System (BES) Level

Transmission Applications Field Data and an Asset Management System

- Detailed fly-over inspections helicopters/UAVs with IR/Corona
- Deploy UAVs (Drones) for improved line inspections/outage restoration
- Define/Establish Dynamic Rating of Transmission Lines by way of locational weather stations
- Digitize Field inspections to facilitate data collection and processing









At the **Bulk Electric System** (BES) Level

The Communication and Control Systems

- Existing systems and experienced personnel will facilitate the Grid-Mod process
 - Communication systems (will require some new fiber)
 - SCADA Substation Control and Data Acquisition
 - Energy Management System (EMS)
 - Dedicated, fully functional, Control Center

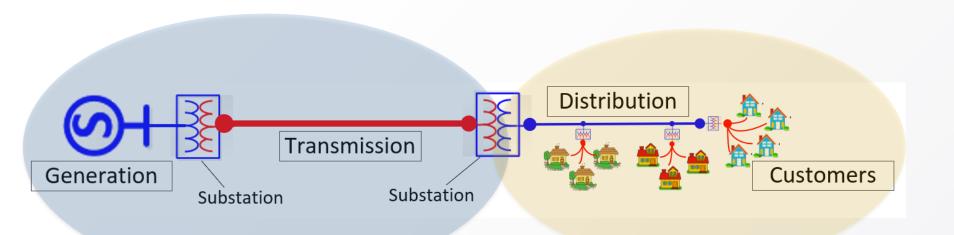
The BES Control Center



EPE's System Operations Control Center



Grid-Mod Definitions – Re-Orientation

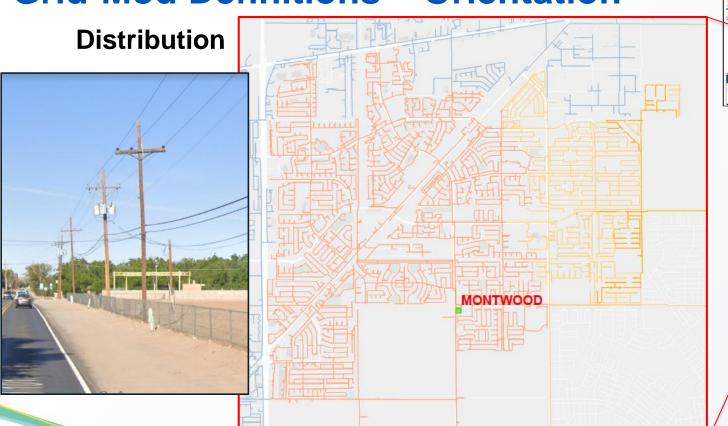


Bulk Electric System - BES

Distribution System



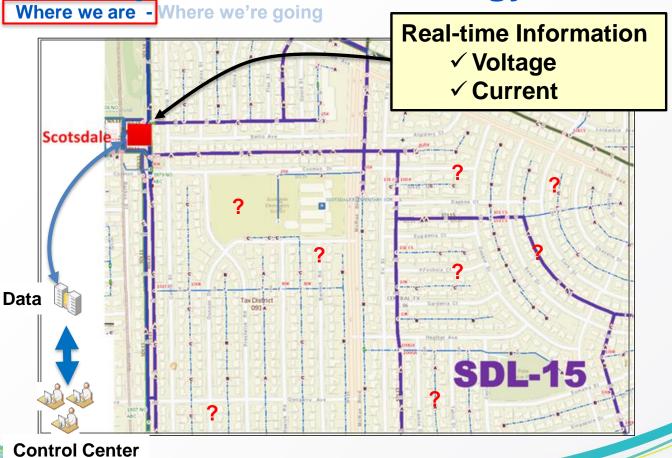
Grid-Mod Definitions – Orientation







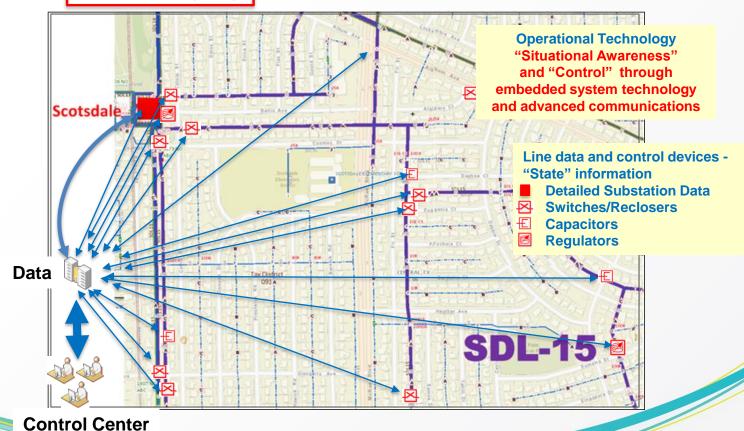
Grid-Mod – Operational Technology



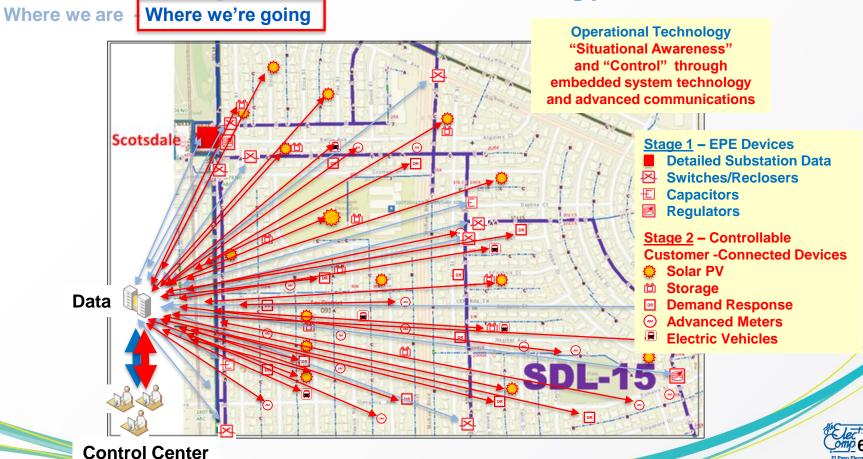


Grid-Mod – Operational Technology

Where we're going



Grid-Mod – Operational Technology



At the **Distribution** Level

AMI/AMS – Advanced Metering System

Smart Meters with multiple registers (TOU, TOD, Smart Chargers).

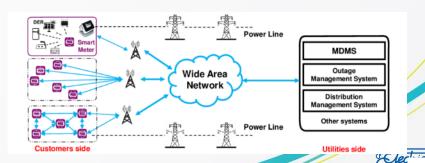
- Allows for storing various customer load data for developing load profiled
- Allows providing cost signals to customers so they can make decisions.
- Allows for utilizing EV chargers to manage load to off peak or even supply load from the battery to the grid. (GEV and EVG)

Backhaul system to communicate with meters (IoT, accessible data storage).

Fast communication system needed to get real time values for DSM applications.

Remotely programmable Smart Meters.

Ability to reprogram meters without visiting the field.



Grid Modernization

At the **Distribution** Level

Distribution line Equipment/Systems

- Distribution Automation (DA) profiles continue to expand <u>visibility and control</u>
 - OH reclosers, capacitor banks, OH sensors, network equipment, and voltage regulators.
 - 6 advanced reclosers were placed in-service on July 7th.
 - 4 additional units are planned to be in-service by the EOY.
 - Automation has been bench tested and placed into service
 - System Operations, Distribution Dispatch, and the DSME's have visibility and control
 - 3 network vaults have communications. DSMEs have visibility and automatic email notifications have been configured to notify Distribution Dispatch of any issues.



- Use OMS/DMS map and modules to perform power flow and other system studies
 - Consolidates efforts to a single map
 - Replaces currently used tools and spreadsheets.



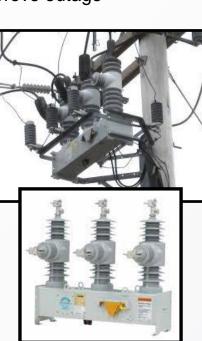
Line Recloser

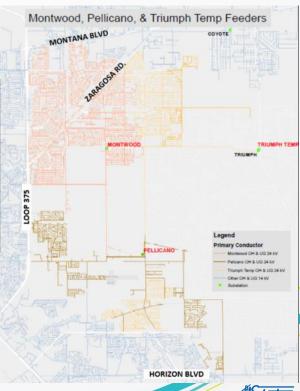


Proof of concept/capabilities project for summer 2021

 East Side 24kV Distribution System IoT deployment to enable remote switching capability and improve outage recovery.







Grid-Mod Technology Deployment

At the **Distribution** System Level

Existing systems and new systems are not integrated

ADMS – Advanced Distribution Management System

AMS/AMI – Advanced Metering System

CMS – Customer Management System

DERMS – Distrib. Energy Resource Management Sys.

D-SCADA – Distribution SCADA

EAMS – Enterprise Asset Management System

EMS – Energy Management System

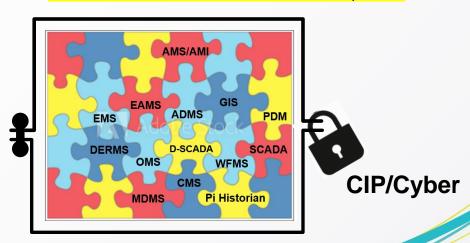
GIS – Geographical Information System

MDMS – Meter Data Management System

OMS – Outage Management System

PDM – Predictive Management System

SCADA – Substation Control And Data Acquisition



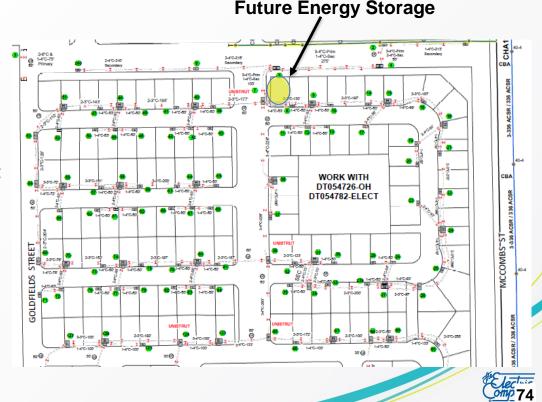


Grid-Mod Technology Deployment

At the Distribution System Level – Future Grid Subdivisions

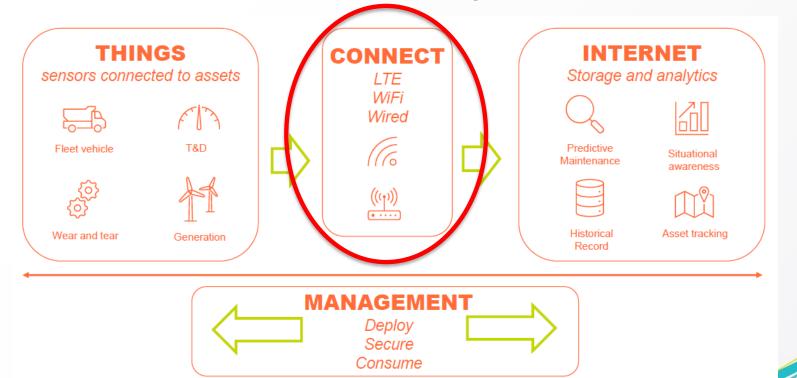
Preplanning & pre-installing infrastructure

- EV Charging (single family homes, multi-family residence)
- Energy Storage System(s) to support micro-grids
- Additional transformation
- Assume high percentage PV
- Street Lighting 5G Connection & Controllability



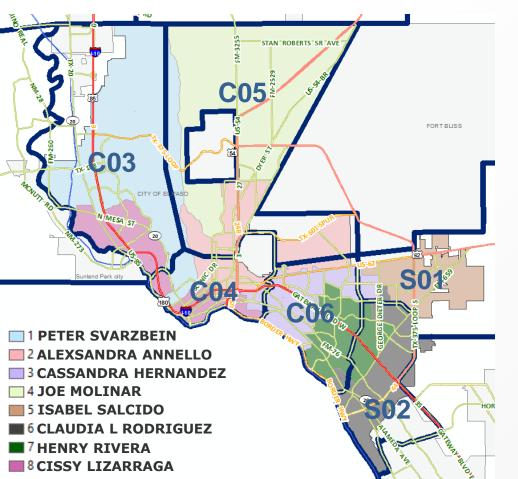
Grid-Mod Technology Deployment

The Foundation of Grid Mod – Making it work





Grid Modernization – Recent Investments

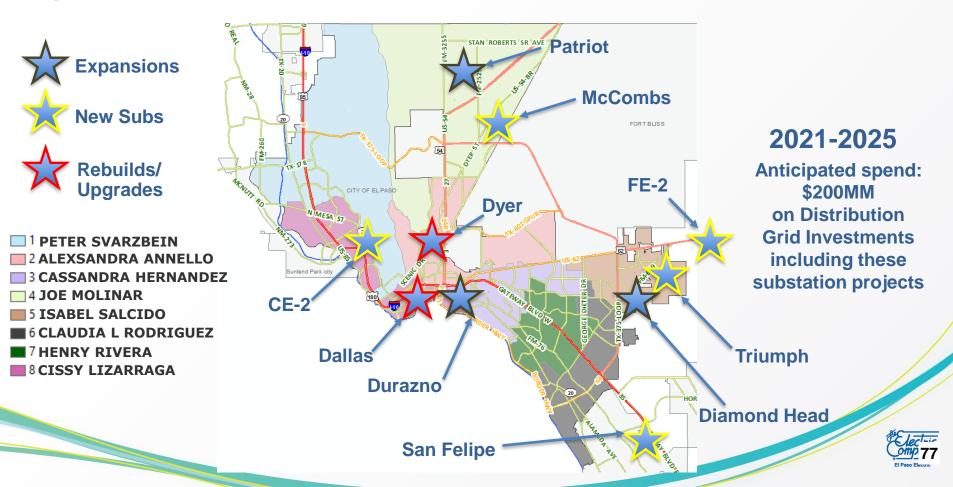


2016-2020 Approx. \$122.8 MM

EPE Scheduling Polygon	City Districts	Distribution Line	Distribution Substation	Total
C03	1 & 8	\$7.4 MM	\$32.7 MM	\$40.1 MM
C04	1, 2 & 8	\$10.5 MM	\$22.7 MM	\$33.2 MM
C05	1, 2 & 4	\$6.3 MM	\$12.0 MM	\$18.3 MM
C06	2, 3 & 7	\$5.2 MM	\$10.5 MM	\$15.7 MM
S01	3 & 5	\$2.6 MM	\$2.6 MM	\$5.2 MM
S02	6 & 7	\$2.9 MM	\$7.4 MM	\$10.3 MM



Grid Modernization – Future Investments







Transportation Electrification



The Promise of Electrication



- Fuel and maintenance cost savings
- Fun to drive and technologyfocused driving experience
- Convenience of charging at home



- Reduce greenhouse gas emissions
- Lower carbon footprint over EV lifetime
- Decrease noise levels



- Positive economic growth incentivizing capital investment
- EV Charging attracts customers with longer stays
- Job creation for skilled workforce



- Enable better grid management
- Increase system utilization rate
- Create opportunities for bidirectional energy flow



Global Outlook

- At the end of 2020, the number of EVs on the world's roads were:
 - 10 million passenger vehicles
 - 600,000 e-buses representing 16% of global fleet
 - 31,000 trucks
- Electric car registrations increased by 41% in 2020, despite the pandemicrelated worldwide downturn in car sales in which global car sales dropped 16%
- Pandemic also accelerated electric micro mobility adoption (e-bikes)
- Out of top 20 vehicle manufacturers, 18 have stated plans to widen their portfolio with EV models



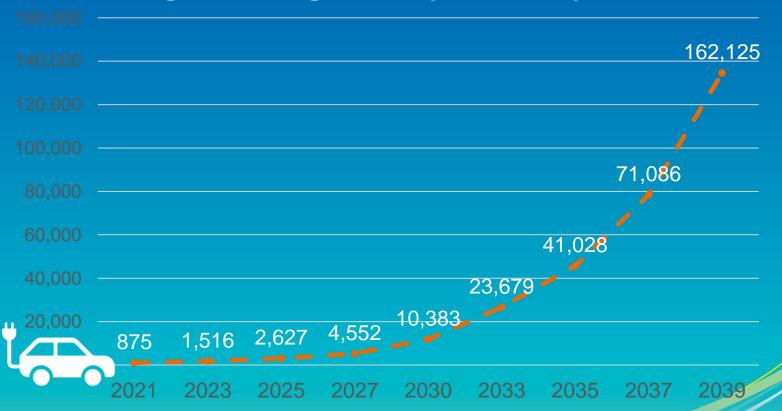


U.S. EV Trends

- More than 1.8 million EVs in the U.S.
- EV commitments by auto-manufacturers, fleet owners, and ridesharing companies
- EV sales to grow rapidly
 - Executive Order proposes 50% of new car sales to be electric by 2030
- Over 40,000 charging plugs in the U.S.
 - Infrastructure bill proposes \$7.5 billion for EV initiatives targeting installation of 500,000 charging stations



Regional Light-Duty EV Projections







What Drives Growth

- Supportive regulatory frameworks:
 - Zero Emission Vehicle programs, executive orders, legislation
- Incentives and rebates:
 - Direct purchase incentives and tax deductions
- Declining battery costs:
 - Reduced by 13% in 2020, expected to reach below \$100/kWh

- Improved EV range:
 - Most new models offering 200-500 miles range
- Increased availability of car options, prices, styles:
 - 370 electric car models were available in 2020 worldwide
- Growth in charging infrastructure:
 - ~85 Local charging stations



EPE Initiatives and Key Collaborations

- Customer Outreach and Education
 - EV Community and educational webpage
 - Informational sessions with homebuilders and apartment associations
 - HOME Ride and Drive Events, tenant surveys
 - EPCC EV maintenance curriculum development
- Local Dealerships
 - GoEV Savings Program
 - Salesforce training
- EV Time-of-Use rates
- Company fleet transition
- Grant Applications to TCEQ
- NM Transportation Electrification Plan
 - Grid Impact study to evaluate EPE's infrastructure readiness





EPE Initiatives and Key Collaborations

- Camino Real Regional Mobility Authority
- El Paso Chamber of Commerce
- Borderplex Alliance
- City of El Paso
- UTEP

Potential Opportunities

- El Paso Airport Electrification
- EV Ride Sharing Pilot
- Project Amistad Shuttle Electrification Pilot
- School Districts Bus Electrification with Vehicle-to-grid (V2G) capabilities





Public Charging

Most public charging stations are Level 2 or DC Fast Charging

Level 2 Charging:

- Uses pedestal, wall- and polemounted station with 208/240volt.
- Adds 10 to 30 miles of range per hour

DCFC Charging:

- Uses pedestal station with 400 to 1,000-volt
- Adds 150-1,000 miles of range per hour



Public Charging Stations for Downtown El Paso

Alignment with City's Strategic Plan

- Goal 6.12 Create a real-world laboratory environment to <u>explore scalable smart</u> <u>technology</u>
- Goal 7.2 Improve competitiveness through <u>infrastructure improvements impacting quality</u> of <u>life</u>
- Goal 7.5 Design and implement <u>infrastructure projects that maximize co-benefits</u>, simultaneously addressing climatic and social stressors such as flooding, heat and energy, and citizen mobility
- Goal 8.4 Create and implement the <u>Urban Energy Plan</u>
- Goal 8.5 <u>Improve air quality</u> throughout El Paso



Public Charging Stations for Downtown El Paso

- Charging Station Commitments
 - EPE will provide:
 - Level 2 Charging Stations
 - Infrastructure Upgrades
 - 10 years of Operations and Maintenance
 - Anonymized usage data
 - Requesting the City to provide:
 - Parking spaces at no cost to EPE



Public Charging Stations for Downtown El Paso

- Proposed Locations
 - Identified in collaboration with City Staff and Downtown Management District
 - City Hall
 - Oregon Street (One-CoWorking space across from library)
 - Civic Center Parking
 - Cincinnati Avenue



- EPE to submit:
 - Special Privilege License Application to the City
 - EV Charging Tariff
- City to review and approve project documentation
- EPE to coordinate installation of stations





Legislation Text

File #: 21-1347, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below. No Title's, No emails. Please use ARIAL 10 Font.

All Districts

Community and Human Development, Nicole Ferrini, (915) 212-1659

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Housing Programs Update: Housing Rehabilitation, First Time Home Buyer and Multi-Family Affordable Development.

CITY OF EL PASO, TEXAS **AGENDA ITEM** DEPARTMENT HEAD'S SUMMARY FORM

AGENDA DATE: November 22, 2021 **PUBLIC HEARING DATE: N/A**

CONTACT PERSON(S) NAME AND PHONE NUMBER: Nicole Ferrini, Chief Resilience Officer, 915-212-

1659

DISTRICT(S) AFFECTED: All Districts

STRATEGIC GOAL: Goal 8 – Nurture and promote a healthy, sustainable community

SUBGOAL: 8.2 – Stabilize neighborhoods through community, housing, and ADA improvements

SUBJECT:

APPROVE a resolution / ordinance / lease to do what? OR AUTHORIZE the City Manager to do what? Be descriptive of what we want Council to approve. Include \$ amount if applicable.

Housing Programs Update: Housing Rehabilitation, First Time Home Buyer, and Multi-Family Affordable Development

BACKGROUND / DISCUSSION:

Discussion of the what, why, where, when, and how to enable Council to have reasonably complete description of the contemplated action. This should include attachment of bid tabulation, or ordinance or resolution if appropriate. What are the benefits to the City of this action? What are the citizen concerns?

The Department of Community + Human Development is retooling City housing assistance programs to better meet the needs of the community in alignment with the El Paso Regional Housing Plan.

PRIOR COUNCIL ACTION:

Has the Council previously considered this item or a closely related one?

N/A

AMOUNT AND SOURCE OF FUNDING:

How will this item be funded? Has the item been budgeted? If so, identify funding source by account numbers and description of account. Does it require a budget transfer?

N/A

HAVE ALL AFFECTED DEPARTMENTS BEEN NOTIFIED? X YES NO

PRIMARY DEPARTMENT: Department of Community + Human Development (DCHD)

SECONDARY DEPARTMENT: N/A

******	*********REQUIRED AUTHORIZATION*************
DEPARTMENT HEAD:	Vicale Li
	(If Department/Head Summary Form is initiated by Purchasing, client

department should sign also)

Revised 04/09/2021



Housing Programs Update

Nicole Ferrini & Mark Weber

Community + Human Development

11/22/2021

Department of Community + Human Development

Our team is focused on supporting the most vulnerable El Pasoans as we navigate towards recovery from the COVID-19 crisis. This pandemic has exacerbated deep challenges that already existed in our community including housing affordability, utility cost burden, access to food and the individual financial stability of El Pasoans.

We are charged with equitably deploying programs and support to ensure an inclusive and resilient recovery that makes our community ultimately stronger and more prepared than ever before.



Housing Affordability



Housing Stability



Financial Stability

²

Summary of Housing Programs



Single-Family Rehabilitation

The Department of Community + Human Development (DCHD) administers 3 ongoing housing programs which provide:

- rehabilitation assistance to low and moderate income homeowners,
- homebuyer assistance to low and moderate income renters looking to purchase their first home, and
- construction and rehabilitation of multi-family affordable rental units.
- We also look at how to leverage the HOME Entitlement to support TBRA programs.



Homebuyer Assistance



Multi-Family Affordable Development

Housing Resources

Over the last 20 years

HOME -37.1%

CDBG -38.5%

Each year, the City receives approximately \$4 million in HOME funds from HUD and invests an additional \$350,000 in CDBG funds to support housing programs.

State-issued Low Income Housing Tax Credits (LIHTCs) of approximately \$2.5 million are also made available for development and rehabilitation of affordable rental units by private developers and the Housing Authority, for El Paso County and other far west Texas counties.



HOME

\$4 million



LIHTC

\$2.5 million



CDBG

\$350,000



The Need for Housing Assistance

67.5%

of El Paso's low income, renter households are cost burdened

27.2%

Cost Burdened

(30-49% of income on housing costs)

40.3%

Severely Cost Burdened (>50% of income on housing costs)



Home

ncome

El Paso

Less affordable than El Paso (44 cities)

18%

More affordable than El Paso (194 cities)

Homes sold at affordable price for median income household

2018 (Q1) = 70.5%

2019 (Q4) = 52.4%

25.7%

Retooling housing programs to better serve our community



Expedite

Housing Rehabilitation

Opportunities for Improvement:

- Reduce the lead time from application submittal to construction start for single-family owner-occupied housing rehabilitation
- Incentivize first time homebuyer assistance in targeted, priority housing areas and increase the assistance
- Significantly leverage multi-family affordable housing HOME funding to produce more units.



Incentivize

First Time Homebuyer



Leverage

Multi-Family Funding



Multi-Family Affordable Development

El Paso Regional Housing Plan

"The City should dedicate local resources to matching 4% LIHTC funding [and] layer available funding sources including HOME..."

\$7.5 Million RFP

DCHD is preparing to release an RFP making up to \$7.5M available to fill capital gap.

Rental Housing Program

20 units affordable at 60% AMI \$100,000 HOME funding per unit

> Total Development Cost: \$3M Funding Source

4% LIHTC Project

180 units affordable at 60% AMI \$36,000 HOME funding per unit

Total Development Cost: \$28.5M Funding Source

HOME funds, \$6.4M

PBV, \$3.5M

Deferred Developer Fee, \$1.7M

LIHTC Equity, \$10.7M (in QCT or SADDA)

Permanent Loan, \$6.2M

HOME funds, \$2.0M

Developer Equity, \$0.3M **Permanent Loan**, \$0.7M



Single-Family Rehabilitation

Past Practice

- Individually bid and contract each project.
- Maximum assistance of \$65k

Challenges

- Inefficiencies have led to a backlog of 25 projects ("The Pipeline") and a waiting list for applicants.
- Increased construction costs are limiting our ability to best serve those in need.

Program Improvements

Accept applications on an annual schedule.

Applications for waiting list to open November 30, 2021 – February 28, 2022

- Execute Job Order Contracts
 (JOCs) to expedite contractor
 selection and start of work.
- Allow for DCHD Director approval to exceed maximum assistance by up to \$20,000



First Time Homebuyer

El Paso Regional Housing Plan

"Design the [First Time Homebuyer] program to incentivize homeownership in priority areas."

Maximum Assistance

- \$30,000 City-wide
- \$50,000 Priority Housing Areas

Program Improvements

 Application and approval period aligned with Tax Returns

Applications accepted: February 1 – March 31

Loan contracting: April 1 – April 30

 Maximum assistance increased to \$50k for homes purchased in Priority Housing Areas (South El Paso, MCA, Five Points and Uptown)



Expected Results

Previous Program Year

- 2 First Time Homebuyers
- 8 Minor Repair/Rehabilitation
- 30 new MF units for \$3.35M

New Program Projections

- 10-12 First Time Homebuyers
- 25+ Minor Repair/Rehabilitation
- 150 new MF units (\$7.5M RFP)



Program Timeline

- Single-Family Rehabilitation Waiting List application period: November 29, 2021 – February 28, 2022
- Multi-Family Affordable Development RFP Release: Early December 2021
- **First Time Home Buyer** application period: February 1, 2022 March 31, 2022

Mission

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



Integrity, Respect, Excellence, Accountability, People



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



Legislation Text

File #: 21-1348, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below. No Title's, No emails. Please use ARIAL 10 Font. City Attorney's Office, Karla M. Nieman, (915) 212-0033

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Max Grossman v. City of El Paso; 8th Court of Appeals, Case #08-19-00272-CV; Matter No. 17-1001-171.001.001 (551.071)

Legislation Text

File #: 21-1339, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

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AGENDA LANGUAGE:

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Claim of Shea Herman. Matter No. 21-1036-3538 (551.072)

Legislation Text

File #: 21-1340, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

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Please choose District and Department from drop down menu. Please post exactly as example below. No Title's, No emails. Please use ARIAL 10 Font. City Attorney's Office, Frances Engelbaum, (915) 212-0033

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Application for Approval of Advanced Metering System (AMS); Public Utility Commission of Texas Docket No. 52040. Matter No. 21-1008-168 (551.072)

Legislation Text

File #: 21-1341, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below. No Title's, No emails. Please use ARIAL 10 Font.

Capital Improvement Department, Samuel Rodriguez, (915) 212-0065

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Discussion and action regarding the potential sale/purchase, exchange, lease, or value of real property managed by the El Paso Water Utilities. Matter No. 21-1009-1120 (551.072)

Legislation Text

File #: 21-1342, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

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Capital Improvement Department, Samuel Rodriguez, (915) 212-0065

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Discussion regarding the value and purchase/sale of real property managed by the El Paso Water Utilities located northeast of the City of Van Horn in Culberson County. Matter No. 21-1009-1124 (551.072)

Legislation Text

File #: 21-1343, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below. No Title's, No emails. Please use ARIAL 10 Font.

Capital Improvement Department, Samuel Rodriguez, (915) 212-0065

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Discussion regarding the value and purchase/sale of real property managed by the El Paso Water Utilities located in Central/East El Paso, Texas. Matter No. 21-1009-1123 (551.072)

Legislation Text

File #: 21-1344, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

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Capital Improvement Department, Samuel Rodriguez, (915) 212-0065

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Discussion and action regarding the potential sale/purchase of real property managed by the El Paso Water Utilities in Northeast El Paso. Matter No. 21-1009-1123 (551.072)

Legislation Text

File #: 21-1345, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below. No Title's, No emails. Please use ARIAL 10 Font.

Economic and International Development, Elizabeth Triggs, (915) 212-0095

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Economic Incentives for a Manufacturing Company located in the City of El Paso. Matter No. 21-1007-2829. (551.071) (551.087)

Legislation Text

File #: 21-1346, Version: 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

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Economic and International Development, Elizabeth Triggs, (915) 212-0095

AGENDA LANGUAGE:

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Economic Incentives for a Manufacturing Company located in the City of El Paso. Matter No. 21-1007-2820. (551.071) (551.087)