



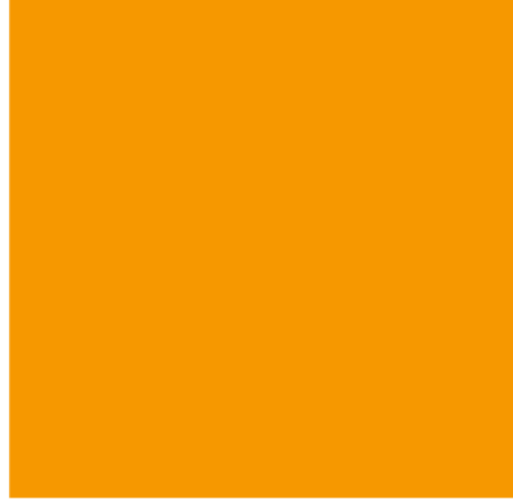
# City of El Paso – Aviation Department 5 MW Solar Farm Project



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# Strategic Alignment

- Goal 1: Create an environment conducive to strong, sustainable economic development
- Goal 8: Nurture and Promote a Healthy, Sustainable Community
- 30 BY 30 Initiative under ITEM 24 : Create and implement an Urban Energy Plan

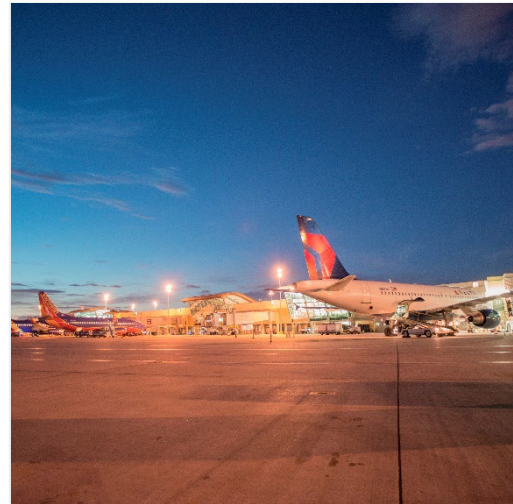




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# Project Description

- Solar farm footprint approximately 40 acres, located on airfield
- Ground mounted solar PV system with a 5-MW capacity; the second largest solar installation in El Paso
- Electricity generated will offset the airport's consumption and other City facilities
- This is a partnership with the City of El Paso and EPE



# Solar Farm Location



# Virtual Power Purchase Agreement

- EPE will own and maintain the installation
- Airport will benefit from the renewable generation by signing a virtual power purchase agreement
- The proposed term of the agreement is 30 years



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# Benefits

- Environmental
  - Greenhouse Gas (GHG) Emissions Reduction
    - GHGs cause climate change by trapping heat in the atmosphere
  - Improved air quality
  - Renewable Energy Credits (RECs)
- Economic
  - \$ savings
  - Budgetary certainty (utility bills)
- Resilience
  - Lowering ELP's peak demand

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# Airport and City

- Airport Total Demand of all the meters is 3 MW
  - Terminal
  - Cargo Center
  - Airfield Lighting
  - Rental Car Center
  - Air Rescue Station
  - Other minor Meters
- City to use 2 MW for City Facilities
  - City Hall
  - PD
  - FD
  - Parks
  - Libraries
  - Museums



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# Rate Components

## **AIRPORT:**

Rate will be a function of:

- Capital Costs
- O&M Costs
- EPE Cost (Virtual)

## **CITY:**

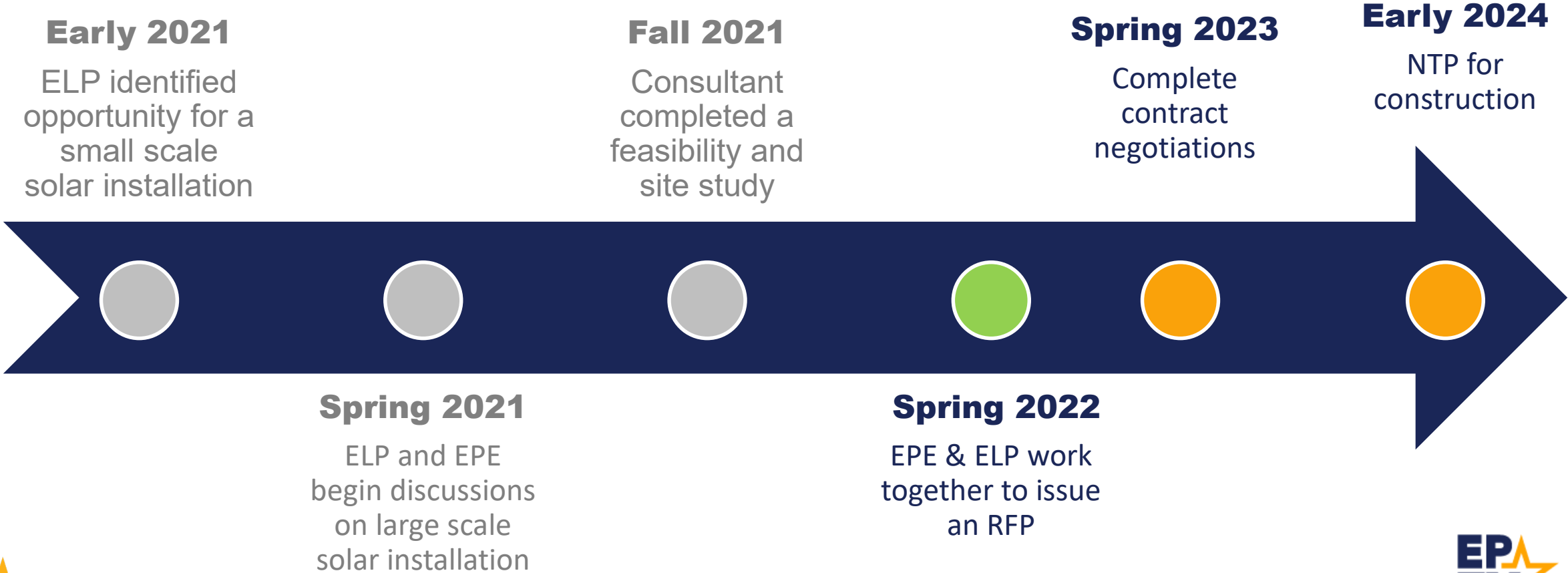
Rate will be a function of:

- Capital Costs
- O&M Costs
- EPE Cost (Virtual)

- Rates will be determined by the bids EPE receives for the construction of the project



# Process Timeline



## Mission

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

## Values

Integrity, **R**espect, **E**xcellence,  
**A**ccountability, **P**eople

## Vision

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

## Misión

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

## Valores

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

## Visión

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