



Texas Community Solar Program 2022 Annual Report

Thank you for being a part of the solar community in Texas!

As a subscriber to the El Paso Electric Company (EPE) Texas Community Solar Program (TCSP or Program), you know that the Program is the easiest way to go solar! You and over 2,000 other customers have made this Program a great success as the Program was fully subscribed in less than one month! Before Community Solar, solar power was only an option for those who were able or willing to install solar panels on their rooftop. Today, because of the TCSP, clean solar energy is available to all our customers, including renters, homeowners and businesses.

The energy for this Program comes from two solar facilities located in Far East and Northeast El Paso. Those facilities deliver homegrown solar power to over 2,000 homes in El Paso. I am proud to be a part of a community of citizens like you who are making a difference in our city by subscribing to the Program and making a lasting, positive environmental change for generations to come!



Kelly Tomblin

President and Chief
Executive Officer



2,145

Residential Customers
Subscribed



58

Businesses
Subscribed



41,000 +

Solar Panels
Operating



10M

Kilowatt Hours (kWh) of
Solar Energy Generated

What is the impact of 10 million kWh of solar energy generation in one year?

1,700
Cars

off the
road

OR

planting
more than

126K
Trees

OR

enough energy
to power about

963
Homes

Texas Community Solar Facilities

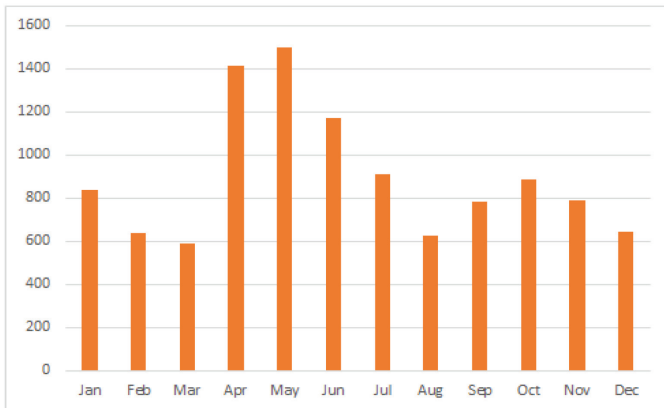
EPE currently has five megawatts (MWs) of solar capacity for this Program. The three MW facility in Far East El Paso began commercial operation in May 2017. A second facility located in Northeast El Paso added two MW to the TCSP, allowing approximately 1,000 additional customers to join the Program. As a result of the Program's expansion, the monthly capacity charge was

reduced by 15.8% from \$20.96 to \$17.64. In 2022, EPE had no warranty claims related to the Far East and Northeast Solar Facilities. The energy outputs from the Solar Facilities vary monthly depending on the season and weather conditions, which is typical for solar resources. In the winter, with shorter days, the amount of sunlight that reaches the system is lower, which in turn reduces solar production. In the summer, the sun sits at a higher angle in the sky and the days are longer, providing more sunlight and increasing solar energy production.



Energy and Environment

In 2022, the combined output of the Solar Facilities generated 10 million kWh of energy, or an average of 898,016 kWh a month. Below is a summary of monthly solar generation.



As a result of operating the Solar Facilities, over 12 million pounds of carbon dioxide (CO₂e), 10,857 pounds of nitrogen oxides (NO_x) and 56 pounds of sulfur dioxide (SO₂) emissions were avoided in 2022.

Program Use of Funds

The cost to build the Far East Solar Facility and implement the TCSP was \$7.7 million. The cost of buying power from the Northeast Solar Facility is \$55.00 per megawatt hour. The total revenue collected from subscribing customers in 2022 was \$1,037,841.10. This revenue is used to recover the cost of the Far East Solar Facility's construction, operation and maintenance, the power purchases from the Northeast Solar Facility and the Program implementation costs.

Renewable Energy Education – Electric Vehicle (EV) Community

EPE continues to educate our community about solar power, other renewable energy technologies and electric transportation. Initiatives include working with local homebuilders, apartment and realtor associations, dealerships and automakers to support transportation electrification in our region.

In 2022, EPE organized a variety of customer education and

outreach initiatives, including EV showcases during National Drive Electric Week and special educational sessions for customers who joined EPE's EV Community. EPE also supported UTEP senior capstone projects to encourage engineering students to conduct research on the innovative EV topics such as Vehicle-to-Home (V2H), EV homes coupled with solar and battery storage, and Vehicle-to-Grid (V2G). EPE continued to support expansion of transportation electrification in its region by receiving an approval of its Transportation Electrification Plan (TEP) from the New Mexico Public Regulation Commission (NMPRC), which includes incentives for smart charging stations and installation, pilot rate schedules and a customer outreach program. More information about the NMPRC-approved TEP programs in New Mexico can be found on EPE's website at www.epeelectric.com/ev.

About the Program

At its inception, the TCSP was the first community solar Program in the state of Texas owned and operated by an investor-owned public utility. The Program provides customers several benefits including:

- No solar panels on their rooftop;
- Easy enrollment process;
- A portable subscription that can be transferred with the customer within EPE's Texas service territory;
- No penalties for leaving the Program; and
- A fixed solar rate that could potentially decrease as EPE expands the Program.

EPE's TCSP opened enrollment in late March 2017 and was fully subscribed in less than one month. In 2019, EPE received approval from the Public Utility Commission of Texas (PUCT) and local municipalities to expand the Program by an additional two MWs. As with the TCSP's initial rollout, the Program was fully subscribed in less than one month. The Program's expansion not only allowed 1,000 additional customers to join but also resulted in the monthly capacity charge being reduced by 15.8% from \$20.96 to \$17.64.

As of December 31, 2022, 2,203 customers were enrolled in the TCSP. EPE continues to place customers who are interested in participating in the Program on a waiting list until additional capacity becomes available. At the same point in time, the TCSP had a waiting list of 479 customers.

As a subscriber to the Program, you are receiving this report to provide you with information on the status of the TCSP and the amount of solar energy generated during the past year by the Solar Facilities. Program subscribers receive this report annually, and EPE also files a copy with the Public Utility Commission of Texas (PUCT) pursuant to the reporting requirements described in the final order for PUCT Docket No. 44800.

