CPS ENERGY
SOLAR PROGRAMS
OVERVIEW

PRESENTED BY:

Dr. Cris Eugster
Chief Operating Officer (COO)

February 1, 2020
BY THE NUMBERS

Largest Municipally Owned Electric and Gas Utility in the U.S.
Largest Solar Power Production in Texas; Seventh in the Nation
Second Largest Wind Power Production in Texas

Most Trusted Brand in the South Region by MSI

AA+
Premier Credit Rating

841k Electric¹
353k Gas

Our Customers

159 Years of Serving San Antonio

1 as of 1/31/19

$11B - Assets
$2.8B - Annual Revenue
Our Flexible Path
BALANCING THE TRIED & TRUE WITH THE NEW

- FlexPOWER Bundle adds capacity with blended solar, storage, and gas
- We enable public WiFi hubs and city service kiosks
- Energy storage smooths the supply of intermittent renewables
- Updated 'grid' allows for quicker response and power restoration
- Demand Response through customers voluntarily reducing electricity use during periods of high demand
- STEPS rebates encourage use of energy-efficient appliances to HVAC
- Casa Verde STEP reduces energy loss with weatherization for income-qualifying homes
- Street lights automatically adjust by dimming or brightening, based on traffic, maximizing energy efficiency
- Our poles and wire are the backbone to support enhanced high-speed connectivity
- Communication devices allow for real-time delivery of information across the network
- Quick-cycle peaking units help meet excess demand
- Advanced technology for natural gas detection is safe and effective
- App-enabled electric vehicle charging is also able to supply power
- Enhanced Data Center expertise
- Cameras enable better security
- Big Sun community solar panels are installed on carports

Save for Tomorrow Energy Plan (STEP & FlexSTEP) provide incentives to customers
for energy efficiency and conservation programs

Energy storage systems support industrial, government, commercial and residential customers

EPIcenter is an incubator for new and emerging clean energy technologies

Smart parking meters transmit downtown open parking availability

cpsenergy.com/flexiblepath

10.30.19
#1 IN SOLAR IN TEXAS

Alamo 7 Solar Farm 106.4 MW – Haskell, Texas

Alamo 6 Solar Farm 110.2 MW – Pecos County, Texas

CPS Energy has over 500 MW of Solar available.
As a leader in solar, CPS Energy continues to create innovative opportunities for customers.
Customer interest in owning solar is growing with 160 MW installed in our service area

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Total Customers</td>
<td>18,800</td>
</tr>
<tr>
<td>Total Capacity</td>
<td>160 MW</td>
</tr>
<tr>
<td>Registered Installers</td>
<td>80+</td>
</tr>
<tr>
<td>Local offices</td>
<td>60</td>
</tr>
<tr>
<td>Employment</td>
<td>1,000*</td>
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*Based on employment numbers reported by registered installers
SOLAR REBATE

INCENTIVE LEVEL

CPS Energy offers a rebate for customer-owned solar systems as part of its Save for Tomorrow Energy Plan (STEP)

<table>
<thead>
<tr>
<th>Residential</th>
<th></th>
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<tbody>
<tr>
<td>Incentive</td>
<td>$2,500</td>
</tr>
<tr>
<td>Bonus for local panels</td>
<td>$500</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Commercial</th>
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<tbody>
<tr>
<td>First 25 kW</td>
<td>$0.60 per Watt-AC</td>
</tr>
<tr>
<td>kW&gt;25</td>
<td>$0.40 per Watt-AC</td>
</tr>
<tr>
<td>Bonus for local panels</td>
<td>$0.10 per Watt-AC</td>
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**BIG SUN COMMUNITY SOLAR**

**PROGRAM OVERVIEW**

- 5 MW capacity to serve ~500-600 customers
- Partnered with Go Smart Solar
  - Local firm specializing in commercial solar
- Innovative concept to deploy solar on parking structures across the community
- Offers greater visibility compared to a typical single site solar project

*Example of solar carport*
Energy is captured in sunny locations.

Go Smart Solar manages that energy for you.

Your Big Sun credit is reflected on your monthly CPS Energy electric bill.

Customers can buy solar panels and receive a credit on their electric bill as if solar was installed on their roof.
Partner with real estate owners to offer covered parking to tenants.

Deploy parking structures with ZERO capital outlay for real estate firms.

Sell Big Sun panels to community.

Credit customers based on ownership.

Parking revenue helps decrease the cost of solar to customers.
PROGRAM DETAILS

Big Sun Bill Credit

• Participating customers paid a bill credit for their share of production

• Program term of 25 years

Cost to Customer

• Each panel = 365 watts

• $876 per panel

• $2.40 per watt
BENEFITS

Easier for customers to go solar:

- No panels on their roof
- Developer responsible for O&M
- Customers can buy as few as 1 panel

More solar for more customers:

- Ideal for renters
- Homes with structural or shading challenges
SOLAR CARPORTS

11 carport sites selected to date throughout our service territory:

- Program size requires approximately 2,000 parking spaces

Targeted sites for carports include:

- Office buildings
- Universities
- Entertainment centers
- Car dealerships
First carport constructed

- 150,000 SF professional office building
- Located in far north central San Antonio
- 36 covered parking spots
- System size: 83 kW AC
Thank You