



# Integration of Renewables: A Utility Roadmap

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January 25, 2021



## HIGHLIGHTS



- **CPS Energy Overview**
- **MOU Business Model**
- **ERCOT Role**
- ***FlexPOWER* Bundle<sup>SM</sup> RFP**
- **Legal and Policy Challenges**

# CPS ENERGY OVERVIEW



## Oldest utility company in Texas

- Gas system was operating in 1860

## San Antonio Public Service Co. (SAPSCo) began operating in 1917

- Owned by American Light and Traction Co.
- Operated electric power plants, gas network and streetcar lines

## Purchased by City of San Antonio (CoSA) in 1942

- Sale mandated by PUHCA of 1935
- Transportation division was sold
- Renamed City Public Service Board of San Antonio
- Rebranded as CPS Energy in 2003



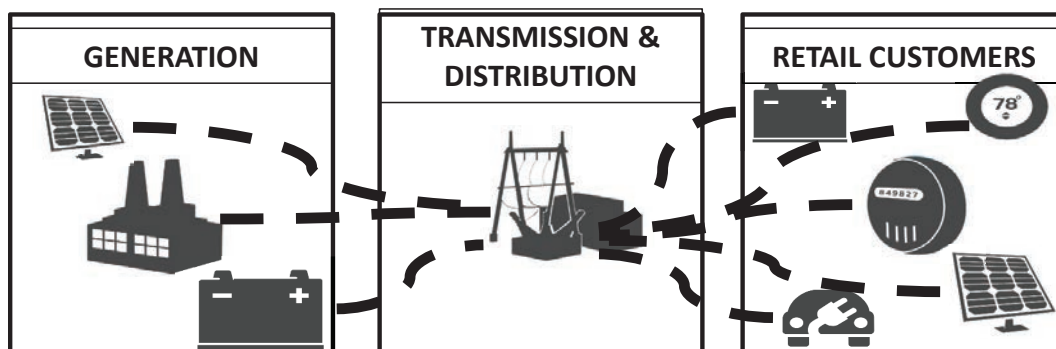
**Largest municipally-owned utility in US providing only electric and gas service.**

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# OPERATIONAL SUMMARY



**CPS ENERGY IS A FULLY INTEGRATED UTILITY THAT HAS NOT OPTED-IN TO COMPETITION**



Owned Generation – 5,744 MW  
Purchased Renewable – 1,631 MW

Transmission (138 kV & 345 kV) – 1,536 miles  
Distribution – 14,215 miles

Electric – 861,000  
Gas – 358,000

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# DIVERSE RENEWABLE PORTFOLIO



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## MOU BUSINESS MODEL



- 72 Municipally Owned Utilities (MOUs) operate in Texas.
- MOUs operate as vertically-integrated utilities; they can, and do, own generation, transmission & distribution facilities, and serve retail customers.
- MOU management may be vested in the city's governing body (and operate as a department of the city) or in an independent Board of Trustees. Tex. Gov't. Code §1502.070
- MOUs are authorized to have certificated service areas in which they are the sole providers of retail electric service.
- MOU renewable and energy efficiency goals are guided by customer priorities and City Council or Board decisions.

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First appeared as part of the conference materials for the  
16<sup>th</sup> Annual Renewable Energy Law Institute session  
"ERCOT Panel"