THE TEXAS SOLAR POWER ASSOCIATION (TSPA) is a statewide industry trade association that promotes the development of solar electric generation in Texas. Our member companies invest in the development of solar photovoltaic (PV) products and projects in Texas, cost-competitively serving customers in both wholesale and retail markets.

THE TEXAS SOLAR INDUSTRY

From residential and commercial rooftop installations to large-scale power plants, solar power is making an impact for Texans by saving money, diversifying the supply base, and reducing water consumption. And we’re just getting started.

We’ve always had a lot of sunshine in Texas – now we have proven technology turning that sunshine into cost-competitive electricity and a host of unique benefits. Solar is a reliable, plentiful, Texas-based energy resource that uses minimal water, generates on peak, and most importantly: it is cost-competitive.

WHY SOLAR FOR TEXAS

Texas Has:

★ The largest solar resource in the U.S.
★ The largest electricity demand in the U.S.
★ Peak energy needs
★ Persistent drought
★ A growing population

Solar Power Offers:

★ Cost-competitive peaking electric supply
★ Long-term price certainty
★ Electricity portfolio diversity
★ Economic development and job growth
★ Minimal water use
★ Opportunity for self-generation and added energy security

Source: National Renewable Energy Laboratory

Photo courtesy of CPS Energy
POLICY PRIORITIES

TSPA policy priorities are organized around the key principles of:

★ Continued advancement of technology neutral markets and customer choice
★ Fair market rules that do not discriminate against specific technologies

TSPA MEMBERS

TSPA membership includes manufacturers, large-scale power plant developers, residential and commercial rooftop integrators, and other companies in Texas participating across the full solar photovoltaic supply chain.

Solar by the Numbers

★ 88% drop in cost of solar electricity from 2009-2018¹
★ Over 45,000 MW of Texas solar projects in development through January 2019²
★ Over $4.5 billion invested for solar projects in Texas³
★ 2,925 MW of solar capacity installed in Texas (U.S. rank = 5ᵗʰ)⁴
★ Solar projected to comprise 4.8% of ERCOT peak generation capacity by 2021⁵
★ The solar industry employs more than 13,000 full and part-time workers in Texas⁶

Data sources: ERCOT, SPP, MISO, EPE. Map includes projects online and those with executed interconnection agreements or under full study through October 2018

Photo courtesy of CPS Energy