

JOIN TSEA

Fill out and mail in this form with dues payment, or you can join online at www.tnsolarenergy.org.

MEMBERSHIP APPLICATION

NAME

EMAIL ADDRESS

MAILING ADDRESS

CITY/COUNTY/ZIP

PHONE(S)

COMPANY

TITLE

PROFESSIONAL CATEGORY

AFFILIATE ORGANIZATION(S)

MAIN INTEREST(S)

TYPE OF MEMBERSHIP & ANNUAL DUES

- INDIVIDUAL \$25
- BUSINESS I (1–9 employees) \$250
- BUSINESS II (10–49 employees) \$500
- BUSINESS III (50–99 employees) \$750
- BUSINESS IV (100–499 employees) \$1,000
- BUSINESS V (over 500 employees) \$2,500
- MISSION PATRON \$1,500
- MISSION SUSTAINING \$2,500
- STUDENT \$10 School:

All Business and Mission memberships receive discounts on registration for TSEA events, discounts on online advertising on the TSEA website, and the option to be listed with contact information and website link on the TSEA website. For more information on memberships, and benefits, event sponsorships, or making donations, contact Steve Johnson, TSEA President, at: steve.johnson@tnsolarenergy.org, 615-641-4050. TSEA members are encouraged to also join ASES; visit www.ases.org.

MAIL APPLICATION TO:

TSEA, U.T. Conference Center
311 Conference Center Suite B3, Knoxville, TN 37996

ABOUT TSEA

The Tennessee Solar Energy Association is our state's newly re-established chapter of the American Solar Energy Society (ASES), active since 1954 in promoting all aspects of solar energy to business, government, schools and the public. Visit www.ases.org for more information on ASES and the benefits of joining it.

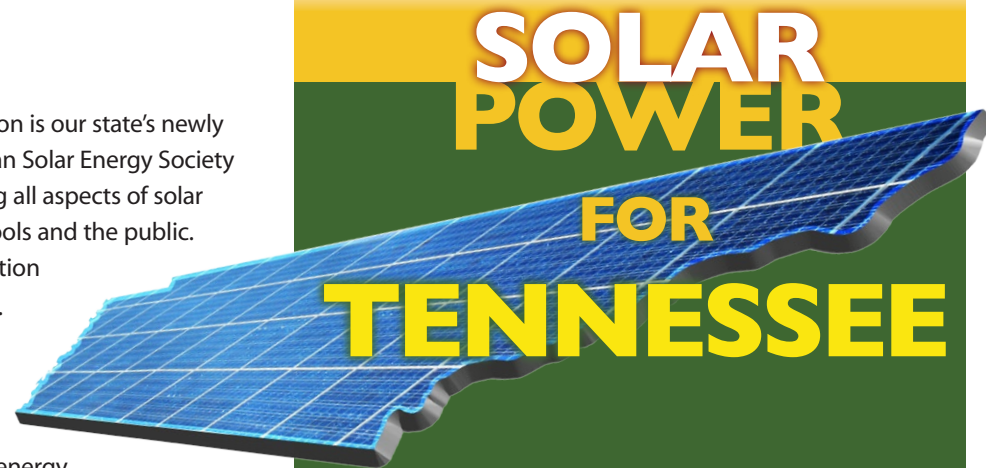
TSEA is a non-profit organization dedicated to educating Tennesseans about the many unique benefits of using solar energy. We invite all solar energy professionals, educators, policymakers, business people and environmentally conscious citizens to join us in teaching others to view our sun's energy output as the extremely valuable resource it is, much of which is now going to waste.

TSEA will promote funding opportunities for adopting solar energy systems and programs to business owners, teachers and homeowners, as well as distribute information about technological advances in the industry and all the new solar businesses that are opening across Tennessee.

Our vision includes the these educational outreach activities:

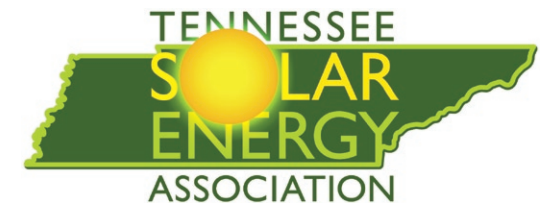
- ✦ **Magazine** featuring state news and stories about solar.
- ✦ **Network of TSEA chapters** across the state to represent local issues and inform local citizens and leaders.
- ✦ **Demonstration projects, workshops and meetings** to promote our objectives.
- ✦ **Website** containing industry news, blogs, job leads and technical articles to keep everybody current.
- ✦ **Annual meetings with workshops** to bring members great opportunities and to exchange exciting ideas.
- ✦ **Annual Solar Tour** that showcases each region's adoption and promotion of solar energy.

And, of course, membership provides connections with the state's leading solar businesspeople, educators, policymakers and enthusiasts.



The Tennessee Solar Energy Association's goal is to help bring solar energy to the citizens of Tennessee.

Our mission is to advocate for the capturing of sunlight to power society.



www.tnsolarenergy.org

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311 Conference Center Suite B3, Knoxville, TN 37996
info@tnsolarenergy.org 865-974-9218

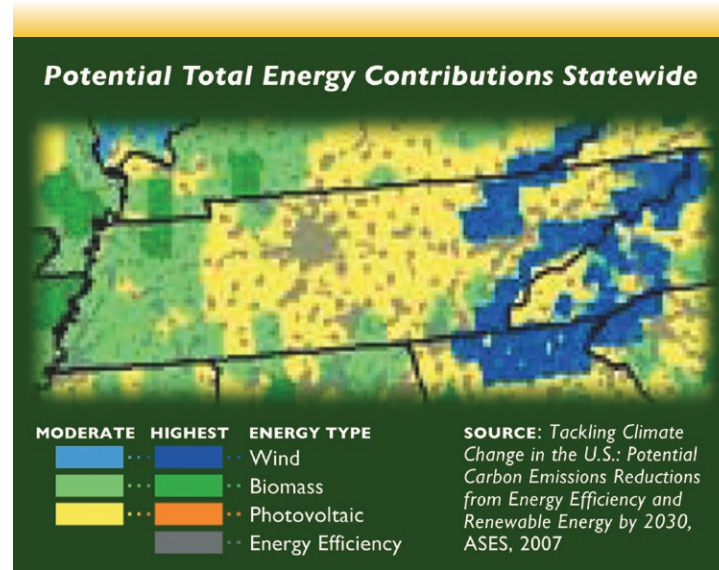
TSEA is Helping Tennessee Get to Know and Use Solar Energy

THE ONLY FREE FUEL

Imagine never paying another monthly power bill or hook-up fee...

Solar power technologies can provide this, because solar energy is a truly free, sustainable and renewable energy source. For home and business owners, solar energy can heat your water, warm your rooms and generate electricity **without buying fuels, and without producing wastes.**

Grid-tied solar panels create clean electricity that is immediately metered, then directed to the nearest load. TVA's Generation Partners program pays you for your solar production at base rate plus 12¢, or about 21¢ per kWh, more than double your existing rate. If you want emergency or load-specific power, a battery backup can be installed.



SOLAR IN TENNESSEE

Why should Tennessee residents care about solar energy? Because **this energy source is free**, and by helping to bring solar energy businesses to our state, the price and availability of accessing this resource will become more affordable to more people, more Tennesseans will find jobs, our environment will be cleaner, and our state's economy will be stronger.

Tennessee already hosts one of the world's largest solar panel manufacturing facilities, Sharp Solar in Memphis, and the governor recently announced the startups of two new polysilicon production businesses (that make the raw material used to produce solar panels) representing billions of investment dollars.

SOLAR MAKES GREEN JOBS

The future of energy is solar. There are currently 8.5 million U.S. jobs in renewable energy, and this is estimated to grow to almost 40 million by in 20 years. These jobs aren't just limited to solar panel installers or engineers, but also include urban planners, solar salespeople and even "green" teachers who are sun smart. The growing base of solar manufacturing in Tennessee is creating green, high-paying jobs while cleaning our air and water from Memphis to Nashville to Knoxville. Working together, we can grow that solar base faster, and become more energy independent.

Tennessee stands poised to soon become the solar manufacturing capital of the South. *Be part of it!*

WHAT IS SOLAR ENERGY? IT'S LOTS OF DIFFERENT, EXCITING THINGS

Direct energy from the sun — *sunshine* — can be harnessed as power using several technologies:

Photovoltaic Panels (PVs, or solar cells) convert sunlight into electricity, and can be hooked up to the electric grid or used independently in remote locations.

Concentrating Solar Power Plants generate electricity by focusing sunlight to produce steam that turns a generator.

Passive Solar Thermal and **Active Solar Hot Water Systems** use sunshine to heat rooms or supply hot water.

Solar Ovens concentrate sunlight, using its heat for cooking.

Indirect solar energy is renewable power generated from the many sources that capture sunshine in various ways:

Daylighting is an architectural lighting design technique that steers sunlight into building interiors without glare.

Wind Generators convert the movement of air, resulting from the sun heating Earth's atmosphere, into electricity.

Rivers, Waves, Tides and Currents can be tapped for the energy they obtained from sun-driven winds or the sun's heat.

Biofuels are made from plants or algae that grow in the sun.

Energy Efficiency is the aim of all users of solar energy.