

American Solar Energy Society's

# Solar@Work



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**Top-of-range Lifespan Projection in String Inverter Category as Validated by DNV-GL**



## New Power Capacity in USA

New power capacity (in megawatts) added from January–September 2020. Official data from FERC covering large-scale power plant additions. Small-scale solar estimate included.

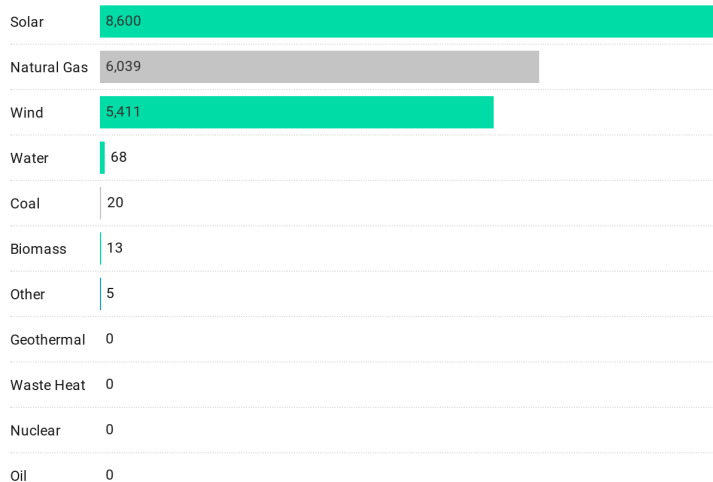


Chart: Zach Shahan, CleanTechnica • Source: FERC • Created with Datawrapper

## Renewables = 70% of New U.S. Power Capacity in 2020, Solar..

In the first three quarters of 2020, renewable energy - almost entirely solar and wind energy - accounted for 70% of new US power capacity, based on official utility-scale power plant data from FERC and small-scale solar power estimates from...

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[cleantechnica.com](http://cleantechnica.com)

"Most plentiful, accessible, and least expensive power source in the world."

- Danny Kennedy



**25<sup>TH</sup>**  
NATIONAL  
**SOLAR TOUR**



AMERICAN **SOLAR** ENERGY SOCIETY





## How Does the U.S. Retire 236 GW of Coal and 1,000 Gas...

Victory in the economic realm (increasingly the case with solar, solar-plus-storage and wind) is no guarantee of market victory if the regulations are stacked against renewables.

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pv-magazine-usa.com



## High-Voltage Power Lines are Ugly, and the U.S. Needs...

High-voltage power lines are ugly, and the U.S. needs more - Transmission capacity is the key to solar and wind power generation. An economics writer notes that China has developed 80 times more transmission capacity in the past decade than the U.S.

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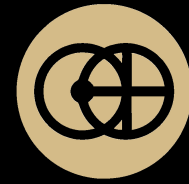


## Farmland Consolidations Could Save Water, Promote Solar

Hopes are rising in the southern Central Valley that the farmland expected to be fallowed in coming years because of drought and groundwater restrictions won't sit idle but will instead be consolidated to make room for new land uses including...

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## Scaling Distributed Solar and Storage is Lowest-cost...

Deploying at least 247GW of rooftop and community solar and 160GW of local energy storage is the most cost-effective way for the US to transition to a clean energy system by 2050, a new report has found.

[Read more](#)

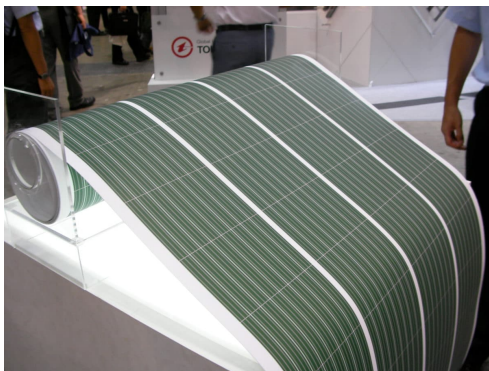
[www.pv-tech.org](http://www.pv-tech.org)



## U.S. City Switches On Solar Roadway

US smart city Peachtree Corners, in Georgia, has unveiled a photovoltaic roadway system which produces energy for a solar-powered electric vehicle charging station located at city hall. The solar roadway is





## Even if it is Cheap Enough, Efficiency Does Matter

A British-German research team claims that organic PV technologies may become mature enough to compete with crystalline silicon and thin-film products not only in BIPV, but also in power generation in the electricity market. In order to get...

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located in a section of Technology...

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## Call for Participation

The 50th Annual National Solar Conference will be held at the University of Colorado Boulder in Boulder, CO from August 3-6, 2021. We invite you to submit a proposal for a presentation at ASES's 50th national annual conference "SOLAR 2021:..."

[Read more](#)  
ases.org

## EVENTS:

[Solar World Congress 2020](#) December 2020 to November 2021 as a virtual online conference, will be celebrating "ISES at 50 - The Century of Solar".

U.S. Department of Energy [Solar Decathlon® 2021 Design Challenge](#) April 16–18, 2021.

[SOLAR 2021](#) August 3-6, 2021, University of Colorado, Boulder.

[National Solar Tour](#) October 2-3, 2021, Nationwide. This year's tour will remain online through 2020!





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