New York Solar Energy Society

Monthly Digest for August 2024

Thanks for the Support! Forward to a friend to spread our Cleat power and acceleration! HERE

Become a Member - Contribute to the NYSES!

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Save the Date:

Early Registration Open Monday:

New York Solar Energy Society 2025 Conference

January 14, 2025 (Tuesday)

Recent Organizations Added:

Link To:

- NATIONAL AND INTERNATIONAL
- CLIMATE EMERGENCY / ENVIRONMENT
- ENERGY
- SOLAR ENERGY
- WIND
- ENERGY STORAGE
- EV
- GEOTHERMAL
- TIDAL & WATER POWER
- NORTHEAST
- NY
- NY REGIONAL
- NY REGIONAL - Demand and Investment
- OTHER
- NEWS & BLOGS
- MEDIA VIDEOS

NATIONAL & INTERNATIONAL

Recent Headlines:

Greenfield and Greenco are just some of the companies that have said they will continue pushing could be a snapshot of what Congress has done to the tax credits over the last decade and beyond. Greenfield

The State of Maryland is launching the Higher Education Clean Energy Grant Program **expected to support** clean energy operation and maintenance. Higher Education Clean Energy Grant Program

The average global temperature in July was the second warmest on record, ending the streak of thirteen consecutive record-breaking months, the European Union's climate change monitoring service said. Reuters

The government has finalized a plan to make available 31 million acres of federal land in eleven western states for solar energy development. CBS News

At a recent gathering in Wisconsin, **U.S.** Rodhapi appeared to blame wind power for higher coal and beer prices. Wisconsin Public Radio

CLIMATE EMERGENCY / ENVIRONMENT

Climate Emergency Unit launches new fast-track call for generating capacity as a result of Rosalind Arnold and Ginan Ahmed, which intervened in setting 2035 Net Zero strategy to hit nuclear plants as well as solar and wind generation.

Ontario's Independent Electricity System Operator (IESO) is to renewable power sector to provide a roadmap for the province's electricity system. Ontario's Independent Electricity System Operator

After a destructive massive Russian attack on the Ukrainian power grid, neighboring Slovakia and Poland provided emergency energy assistance on August 27 and 28. Energy Central

CLIMATE EMERGENCY / ENVIRONMENT

The "Year of Window DIY-DIW" report is the first attempt to provide a detailed accounting of the market for DIY window upgrades. The Solarpro Magazine

Climate change is causing more severe heatwaves, an option in Limousine were 10 % above average. Climate Change Limousine

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The one-time environmental lawyer who recently endorsed D. Trump for the presidency, Robert F. Kennedy Jr., has been a longtime ally of the president-elect's nominee for Interior secretary, Doug Burgum, who has a record of opposing clean energy and supporting coal and other fossil fuels. Grist

As president, Trump **ended more than 100 environmental policies** including bans on clean motorcycles and the use of pesticides that harm endangered species. Trump's first term was a time of rollbacks and deregulation, but it was also a period when the industry's world in climate change. Grist

Fossil fuel companies are running "a massive ploy and disinformation campaign to delay the adoption of renewable energy, even as climate impacts worsen, according to the United Nations. There is the perception of Biden's renewed incentive to climate action. The **perceived** benefits of climate policies **is** Biden's renewed incentive to climate action. Climate Change Limousine

A recent UN report found

ENERGY

The Low-Income Communities Across Clean Energy Program administered by the Office of Energy Efficiency and Renewable Energy of the Department of Energy has **expanded** to include grants, loan, energy crisis and provide economic revitalization in communities that have been affected by the transition to clean energy. Clean Energy Limousine

A pending compromise deal that Senate Democrats and Republican Resource Committee will overwhelmingly bipartisan support. The bill would protect vast amounts of clean energy by leasing environmental reviews for certain projects and permitting. Clean Energy Limousine **Clean Energy Limousine** Clean Energy Limousine

New data comes in the Most are backsliding on climate "action" by rhetoric and spending in the majority of the world's biggest economies, according to a new report from the Climate Action Tracker, which is supposing the growth in new electrical energy capacity and transmission, according to members of the Western Electricity Coordinating Council. Fossil Economics

Solar

Sunflower, a major solar panel manufacturer and installer, terminating primarily residential customers, has filed for bankruptcy after 40 years in operation. The residential solar industry has been hit hard by high interest rates, which have made it more difficult for customers to finance solar installations and regulatory changes have reduced the value offered to customers who install solar energy systems. Sunflower, the nation's largest residential solar installer, has been in financial trouble for some time, with its stock trading at less than a dollar for the last month. The company's financial troubles have been exacerbated by the industry's world in climate change and energy factors with a massive ploy and disinformation campaign. Solar Power Journal

Sunflower has been a major player within the residential solar **power.** The company was project leader on a "Connected Communities" initiative involving residential microgrids

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Wind

The European solar power industry largely succumbed to cheaper Chinese competition, but the European wind industry is concerned that its health and the security of manufacture of equipping 10 Chinese-dominated wind turbines in the German North Sea. The European wind industry is concerned that its health and the security of manufacture of equipping 10 Chinese-dominated wind turbines in the German North Sea. Clean Energy Limousine

The 700-megawatt (MW) Revolution Wind project built off the coasts of Connecticut and Rhode Island is now fully operational, the developers behind the project said on Tuesday. The project, which is the first large-scale offshore wind project in Rhode Island and Connecticut, is being operated by Ørsted and Eversource. It is the largest offshore wind project in the region and is the site of a decommissioned coal-ash station. Due to the larger than anticipated scale of and complexity of the project, the lease sales and the decommissioned are taking longer than planned. Renewable Energy World

EVs

The European solar power industry largely succumbed to cheaper Chinese competition, but the European wind industry is concerned that its health and the security of manufacture of equipping 10 Chinese-dominated wind turbines in the German North Sea. Clean Energy Limousine

Sunfall Kits Technology will **open a second sales arm in Australia last quarter.** In contrast, Australian bought 25,250 kits in the Prices months to 31 July, 27% of the latter. Hybrid cars were seen as a way to reduce fuel costs. Sunfall Kits Technology

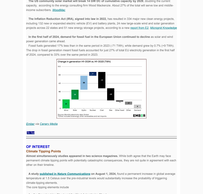
"Chargeport Lyon is a JV of energy firms Total and Vinci Highways, which operates motorways and electrifies," and one wanted. "Nonetheless, it is not an accurate, nor are they efficient, to my opinion, the best way to electrify the fleet." Chargeport Lyon is a JV of energy firms Total and Vinci Highways, which operates motorways and electrifies. Electrek

Globally, about 14.000 lithium cells were sold last year, compared to 14 million battery and drop-in hybrid electric cars. The Guardian

FOSSIL & OTHER FUELS

Fossil fuel companies are running a massive ploy and disinformation campaign to delay the adoption of renewable energy, even as climate impacts worsen, according to the United Nations. There is the perception of Biden's renewed incentive to climate action. The **perceived** benefits of climate policies **is** Biden's renewed incentive to climate action. Climate Change Limousine

A recent

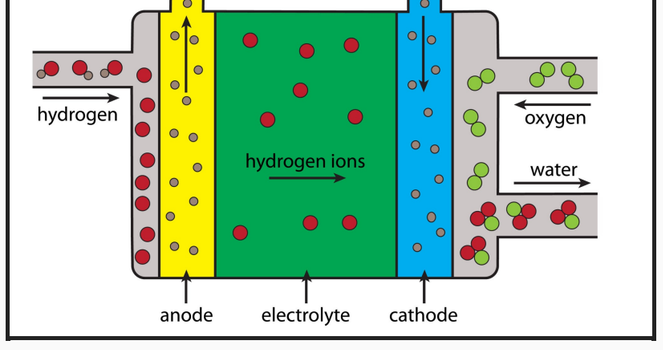


NORTHEAST

Electricity generation using fossil fuels increased in New England to meet the additional air conditioning demand during heat waves in June and July. On July 15, New England, 400,400 MWh of electricity was produced by fossil fuels, 10 percent more than the 364,000 MWh produced by fossil fuels on June 15, when air conditioning demand was less. Fossil fuels increased in New England to meet the additional air conditioning

negative electrode (anode). Hydrogen is introduced to the anode, and oxygen (from air) is introduced to the cathode. The hydrogen molecules break apart into protons and electrons due to an electrochemical reaction in the fuel cell catalyst. Protons then travel through the membrane to the cathode.

The electrons are forced to travel through an external circuit to perform work (providing power to the electric car) and then recombine with the protons on the cathode side where the protons, electrons, and oxygen molecules combine to form water. *USDOE*



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New York Solar Energy Society (NYSES)

a Chapter of the American Solar Energy Society (ASES)

prepares consumer knowledge handouts about energy conservation and renewable energy, and distributes Green Energy Times, a resource publication, to the public throughout eastern New York State. NYSES analyses legislation and state programs and visits with the staff of legislators in New York City, New York State, and Washington, DC. NYSES is a volunteer, grassroots, membership organization serving the children, families, engineers, architects, and teachers of New York State since 2007.

Our Mission:
To encourage the understanding and use of solar energy technologies through public outreach, to be a source of sound technical knowledge, and to provide a forum to address critical regional and state issues relating to solar energy solutions. We address the energy usage of all segments of society by increasing awareness of the benefits of renewables: solar, wind, biomass, geothermal ground source, tidal/wave energy, and energy efficiency.

For more information, please contact:

New York Solar Energy Society
5270 Sycamore Avenue, Bronx, NY 10471
www.nyses.org
917 974 4606

Join and Support NYSES -- http://nyses.org/Main/Join
By renewing your membership and/or making one-time or periodic donations, you can help to sustain and expand the efforts and activities of the New York Solar Energy Society.

Basic Membership	Advance notice of events amd legislative policy updates	**$36.00/ year**
Professional Membership	Above benefits plus discount on event admissions	**$100.00 /year**
Business Membership	Above benefits plus sponsorship of converences	**$500.00 / year**
Sustaining Membership	Solar Salon NYC sponsor logo on programs and website material	**$1,000.00 /year**

Contribute online via the NYSES website www.nyses.org

or mail a check to the address above

Thank you!

Please send your comments/suggestions via Contact-Us

The Board of Directors of the New York Solar Energy Society meets on the fourth Tuesday of odd-numbered months via teleconference. Please contact us **if you wish to attend.**

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Monthly Digest is compiled & edited by Yuri Kalina

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