New York State Energy Society
Weekly Digest for June 2025

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Founded in 1 Week!

Friday August 8th to Sunday August 10th

For your inspiration, consider the Sun, light, beautiful Weather, Vitamin D, Health and Immunity, the public mood and national market sentiment along with the current and future Energy Generation Dispatchable Capacity, Storage, Transmission, Distribution, Demand Response and Conservation. Consider the Sun and the Weather and the Energy Industry and the Economy.

Tickets On Sale Now!

LINK TO

NATIONAL AND INTERNATIONAL ENERGY EMERGENCY / ENVIRONMENT NEWS	NEW YORK
Energy Storage	Electric Vehicles
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Wind Energy	Transport and Conservation
Battery Storage	Hydrogen Energy
Nuclear Energy	Air Pollution, Climate Change
Carbon Capture, Storage, Capture & Other Fuels	Global Politics

NATIONAL & INTERNATIONAL

Senate Republicans make deep cuts and end tax credits in sweeping bill - Politico

Nuclear Net Zero 2025 Will Create Clean Energy Boom and Crash Power - New York Times

Trump Administration Rescinds California's Authority to Set Vehicle Emission Standards - The Trump administration on Friday rescinded California's authority to set its own vehicle emission standards, a move that could jeopardize the state's efforts to reduce pollution from cars and trucks. The Environmental Protection Agency said it had withdrawn a waiver that allowed California to set its own standards, which have been followed by 17 other states and Washington, D.C., for more than a decade. The move follows similar steps by several Republican companies in the wake of Trump's election victory. - *Climate Change Dispatch*

The Trump administration's plans to rewrite rules for 80 million acres in the West - The Trump administration is preparing to rewrite rules governing how federal officials can lease and manage more than 80 million acres of land in the West, including some of the most ecologically important parts of the region. - *Washington Post*

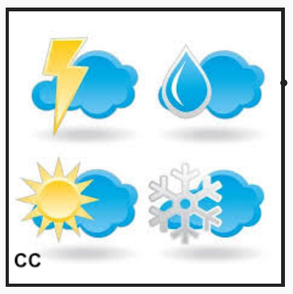
Trump's Department of Energy will distribute nuclear fuel to private companies - The Trump administration is proposing to create a program that would allow companies to request uranium from the government's nuclear fuel stockpile, a move that would be the first step in a plan to boost domestic nuclear fuel production and reduce reliance on foreign suppliers. The Department of Energy said it is seeking comments from companies that would be interested in participating in the program, which would be managed by the agency's Office of Nuclear Energy. - *Washington Post*

Trump's Department of Energy to cancel hundreds of grants, and terminate nearly all remaining grants - The Trump administration is preparing to cancel hundreds of grants and terminate nearly all remaining grants from the Biden administration's Department of Energy, according to a memo from the department's acting chief financial officer. The memo, which was sent to staff Friday, said the department would cancel grants that are "not in the national interest." - *Climate Change Dispatch

THE READS

Artificial intelligence (AI) poses environmental risks while it also offers powerful tools to advance sustainability.

- **Among other negatives, AI's environmental impact is rooted in its huge demand for energy.** Data centers **worldwide now consume approximately 460 terawatt-hours (TWh) annually, equivalent to the electricity use of Germany. U.S., data centers accounted for 2.5% of electricity use in 2022 and are projected to increase to 7.5% (390 TWh) by 2030.**



But AI can also be a formidable force in advancing climate resilience. Machine learning algorithms enhance wind and solar forecasting, **optimize grid operations, and improve energy storage management—directly supporting the clean energy transition. In climate modeling, AI enables more accurate simulations of extreme weather, aiding disaster preparedness and mitigation.**

(*E+E Leader*)

Breakthroughs in fusion have triggered a frenzied race to harness a clean energy source that has eluded scientists for decades.

There are at least 43 private-industry ventures or partnerships in the United States and allied countries, Germany, Japan, and Britain, which are racing to commercialize fusion power. (*Washington Post*)

The world is facing a new form of climate denial **– not the dismissal of climate science, but a concerted attack on the idea that the economy can be reorganized to fight the crisis.** (*The Guardian)*

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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 and Northern New England. 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.

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
917 974 4606
www.nyses.org

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 and legislative policy updates	$36/year
Professional Membership	Above benefits plus discount on event admissions	$100/year
Business Membership	Above benefits plus sponsorship on conferences	$500/year
Sustaining Membership	Above benefits plus Solar Salon NYC sponsor logo on programs and website	$1,000/year

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Monthly Update is compiled & edited by Yuri Kalina

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