View this email in

View this email in

New York Solar Energy Society

Monthly Digest for November 2022

Become a Member - Contribute to the NYSES!
Donate to a Friend!
Donate!

- NYSES's 2022 INTERNSHIPS
- NEW YORK STATE ENERGY PLAN UPDATE
- CARBON-FREE ENERGY
- Solar
- Energy Storage
- Wind
- Hydro
- Geothermal
- Biomass
- Efficiency
- Other
- Policy & Legislation
- Events & Conferences

NEWS
- NYSES's 2022 INTERNSHIPS
- NEW YORK STATE ENERGY PLAN UPDATE

CARBON-FREE ENERGY
- Solar
- Energy Storage

RENEWABLE ENERGY
- Wind
- Hydro
- Geothermal
- Biomass

EFFICIENCY

OTHER
- Policy & Legislation
- Events & Conferences

Donate!

Donate!

National & International

- https://www.nationalgrid.com/
- https://www.nationalgrid.com/

The World Bank is financing a tender to supply solar-powered hydrofoils to power plants in Ukraine with battery storage, which will provide power to the grid when needed. The World Bank's Ukraine Emergency Energy Project will also provide $20 million to Ukrenergo to install one and protect both energy storage (PDF) to help power fast-acted frequency response ancillary services to Ukraine's grid.

- https://www.pennenergy.com/articles/pennenergy/2022/11/01/hydrofoils-to-power-ukraine-with-battery-storage.html

A large portion of the North American electric grid could face energy shortfalls in extreme weather conditions, according to a new report from the North American Electric Reliability Corporation (NERC). Large parts of the grid face a significant risk of operational disruptions from extreme weather events, according to the report, which covers the United States, Canada, and Northern Mexico. Northeast and other areas risk blackouts under challenging conditions, such as extreme temperatures, high demand, and low wind and solar output.

- https://www.utilitydive.com/news/nerc-warns-of-energy-shortfalls-in-extreme-weather-conditions/

Ember's report finds the transition to clean energy will cost $1.5 trillion less than fossil fuels.

- https://www.ember-climate.org/

Europe's plan to roughly double renewable power generation by the end of the decade is - just the extensions of existing national plans. Europe's plan to double its solar power capacity by the end of the decade is - just the extensions of existing national plans.

An energy price free increase of cash, including the markets needed for renewable infrastructure, investment in energy efficiency, and the transition of fossil fuel subsidies to clean energy, is the most cost-effective approach to provide relief to households in need by not unleashed energy crisis and provides lasting market stability and security.

- https://www.pennenergy.com/

EU

- https://www.pennenergy.com/

A billion of renewable energy capacity that aims to create 600 billion in investments to support as much as 180 billion cubic meters of additional natural gas production in the U.S. and Canada.

- https://www.pennenergy.com/

Economic climate analyses are increasingly challenged in the courts. Activists and other interests are currently suing many firms over greenwashing, arguing they mislead investors or investors - either by advertising vague plans to reach net-zero emissions or by not disclosing the extent to which their business models rely on fossil fuels or other high-carbon activities. The pending rulings are expected to have a major impact on companies' future use of climate claims in advertising and other communications.

- https://www.pennenergy.com/

Europe's plan to roughly double renewable power generation by the end of the decade is - just the extensions of existing national plans. Europe's plan to double its solar power capacity by the end of the decade is - just the extensions of existing national plans.

An energy price free increase of cash, including the markets needed for renewable infrastructure, investment in energy efficiency, and the transition of fossil fuel subsidies to clean energy, is the most cost-effective approach to provide relief to households in need by not unleashed energy crisis and provides lasting market stability and security.

When the history of the climate crisis is written, in whatever word awaits us, COP 27 will be seen as the moment when the dream of keeping global heating below 1.5C died. It does not mean; however, the world needs to give up.

The 1.5C target is not a threshold beyond which hope also dies. Every fraction of a degree means an increase in human suffering and must therefore be fought for. How? We have to tear down the fossil industry - the barrier between us and climate stability.

The 1.5C target, beyond which the most disastrous climate impacts lie, is not yet physically impossible to meet. To achieve that, global carbon emissions must be reduced by 50% by 2030, yet record levels of pollution are still being pumped into the atmosphere.

The scientific warnings before COP27 could not have been louder: we are on the brink of irreversible climate breakdown. Behind closed doors at the summit, however, the fossil fuel states forced other countries to fight tooth and nail merely to preserve the inadequate status quo.

The world should be sprinting to rid itself of its fossil fuel addiction as if lives depend on it because they do, but it is jogging on the spot. The 1.5C goal may not yet be physically impossible to achieve, but Cop27 has shown it is politically impossible.

So, what now? It remains imperative to get off coal, oil and gas as rapidly as possible. Every ton of CO2 that remains in the ground means less harm to lives and livelihoods.

Instead, the fossil fuel industry and its unconscionable expansion plans will need to be fought elsewhere. The first place is in the mind. The global oil and gas industry has raked in an average equivalent of $ 1 trillion a year in unearned profits for the last 50 years by exploiting a natural resource that belongs to citizens. Imagine redirecting that financial firepower at decarbonizing the world.

Is there hope? Yes, in that every climate action we take lessens the damage. As COP27 closed, Kathy Jetñil-Kijiner, the poet and climate envoy for the Marshall Islands, said: “I wish we had got fossil fuel phase-out. But we’ve shown with the loss and damage fund that we can do the impossible. So, we know we can come back [to COP] next year and get rid of fossil fuels once and for all.”

I hope she is right. I fear she is wrong.

- https://www.theguardian.comt/

To Top

The 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**

www.nyses.org **website NYSES Contribute online via the**

or mail 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.**

To Top

Monthly Update is compiled & edited by Yuri Kalina

Copyright © 2022 New York Solar Energy Society, Inc., All rights reserved.

Want to change how you receive these emails?
You can update your preferences or unsubscribe from this list

INTUIT mailchimp