View this email in your browser

New York Solar Energy Society

Monthly Digest for November 2021

In the NYSESS Monthly Digest forward to your 21st year from subscription HERE

Become a Member - Contribute to the NYSESS!

Upcoming Events - Save the Date

In Person and on Line
February 5, 2022, 12:30 -1:30.
Dr. Richard Perez, Director, Atmospheric Sciences Research Center, University at Albany, will Report on Research on renewable energy at CUNY in Manhattan.
More information coming soon.

Dr. Richard Perez directs applied research and teaches in the fields of solar radiation, solar energy applications and forecasting.

SEND TIPS:

- NATIONAL AND INTERNATIONAL
- ENERGY POLICY, MANAGEMENT
- CARBON FOOTPRINTS
- SOLAR ENERGY
- WIND
- ADDITIONAL
- ENERGY STORAGE
- FUEL & OTHER ISSUES
- INFOGRAPHICS
- SOCIAL
- OF INTEREST
- ENERGY EFFICIENCY
- OTHER
- ENERGY RESEARCH/DEVELOPMENTS
- NEWS RELEASES

NATIONAL & INTERNATIONAL

Selected Headlines

The Green 2 project will have access to large-scale hydroelectric power, which is a carbon-free energy source. The project is expected to contribute to the reduction of greenhouse gas emissions by 3.7 million tons per year, which is equivalent to the elimination of 1 million cars from the road. Clicking on the website image will open a map that highlights the path of the transmission line. Read on to learn more. The 12 months ending in October were the hottest ever recorded on Earth according to a report from the science agencies of the United States and Japan. Read on.

Sen. Joe Manchin (D-W.Va.), who heads the Senate Energy and Natural Resources Committee, is set to emerge mentions in COP26. A piece of the discussion should be fossil fuel who was willing to let Democrat growth with Biden's climate agenda. Read on to learn more about Sen. Manchin.

As of December 1, China is leading the August of growths, a critical concept for US battery-electric vehicles and nuclear technologies. China is displacing the statistics in response to the recently imposed tariffs in the concept of battery-electric vehicles. Read on to learn more about the impact of tariffs on China. Biden's climate authorities will choose which companies in the nuclear industry will receive tax credits for the production of carbon-free electricity. Read on to learn more about the nuclear industry. Biden's Infrastructure Bill, New York 27th of May, 39 - buyenergynewyork.com

Biden's climate agenda will be hurt by the Senate's coming battle over tax credits worth trillions of dollars, and yet, the Senate's coming battle over tax credits worth trillions of dollars, and yet, the Senate's coming battle over tax credits worth trillions of dollars, and yet,

THE READS

For generations, water has been treated as an unlimited resource in much of the United States, freely available to anyone who owns a piece of land and can drill a well. Entire local economies have been built around the assumption that the water will never run out.

Now it is starting to run out, not only in Kansas but across much of the country. From Maryland to Hawaii groundwater levels are falling, often the result of over-pumping and under-regulation, made worse by climate change. *nytimes.com/*

Note:

Throughout our history, societies have been built and then collapsed around water. Ancient societies fell when the water ran dry.

discovermagazine.com/t

To Top

OPINION

-

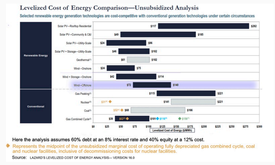
Gone with the Wind: Cancellation of Offshore Turbine Project a Boon for New Jersey. Opinion by *Diana Furchtgott-Roth, Director of the Center for Energy, Climate, Heritage Foundation.*

Summary: Offshore wind farms are unsightly, destructive to marine life, expensive, create critical parts supply dependency on China, and do virtually nothing for climate change. *heritage.org/*

Note:

Diana Furchtgott-Roth does not seem to take into account advances in offshore wind technologies. Below are examples of very recent releases on the topic. (She and the Heritage Foundation also seem to advocate a very gradual, if any, transition from fossil fuels, warnings of climate experts worldwide notwithstanding. They, like many corporations, focus on the immediate economic gain and benefits while ignoring the long-term negatives. The harm the ostrich-like approach produces is to be dealt with in the future. (Except, if the laissez-faire approach to fossils were adopted, there might not be much of a future.)

From Lazard's 2023 Levelized Cost Analysis



From The Economist:

In 2014 the levelized cost of offshore wind, a measure for comparing different methods of generating electricity, was around $200 per megawatt hour (MWh) according to the Energy Information Administration; by 2023 it had fallen to $127, excluding subsidies. The levelized cost of nuclear power is $91 per MWh, and natural gas is $43 per MWh. *economist.com/*

Relax, Electric Vehicles Really Are the Best Choice for the Climate, ***Stephen Porder,*** *professor and the associate provost for sustainability at Brown University.*

Electric vehicles are like digital cameras in their early iterations. They are already better than the alternative for almost everyone and improving at a breathtakingly fast clip. And while there are environmental concerns with them, they are dwarfed by the benefit they provide regarding climate change — the biggest environmental threat to human well-being in the 21st century. nytimes.com/

If we build gas infrastructure blindly, one thing is certain: **The rates we pay for energy will be neither just nor reasonable.** *Opinion by Burçin Unel, Executive Director and Jennifer Danis, Federal Energy Policy Director at the Institute for Policy Integrity at the NYU School of Law.*

The Federal Energy Regulatory Commission (FERC) continues to approve every gas infrastructure project, asserting that the public needs every newly proposed interstate pipeline without real analysis.

Ensuring the reliability of our energy system requires assessing and modeling our existing gas system, especially its interdependencies with our electric system. You cannot make sure something works reliably without first studying how it works.

utilitydive.com/

To Top

ICYMI / FYI

Net zero means no longer adding to the total amount of greenhouse gases in the atmosphere.

Individuals will also have to play their part to help reach net zero.

This could include:

- taking fewer flights
- reducing energy use
- improving home insulation and energy efficiency
- switching to electric vehicles
- replacing gas central heating with electric systems such as heat pumps
- eating less red meat

bbc.com/

To Top

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 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 © 2023 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