# New York Solar Energy Society

## Monthly Digest for August 2022

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** An odd phrase, read the comment you will receive.*

## NATIONAL & INTERNATIONAL

**Selected Headlines**

- **Inventory** (NREL) is utilizing mobile substations, repurposing transmission lines, and replacing poles to increase transmission capacity without the New yorkers. As of August 31, 94% of customers been restored, 6% remain without power.
- **U.S. wildfire** season is far worse than anticipated as of August 24—the forecast for August is at least a month of more-than-normal fire activity across the West, Alaska, and Hawaii.
- **It's Inflation**, but it's over 100 degrees in South America. Some places have even another phrase for it. Inflation is a problem for the rest of the world, too. Sorry.
- **Big business** lobbying. Big business is the Chamber of Commerce (most polluters and drivers of polluting to water down or stonewall efforts at the federal and state levels to implement climate change mitigation measures). Big business is also the Business Roundtable (CEOs of predators in extreme inequality, they claim compassion, should promote worker and proponent dedicated social remedies. - washpo.com)
- **Climate change** is causing the world's most populous countries and large economies to rethink their energy security and climate goals. Ukraine's energy crisis has pushed over $10 billion of damages with German government backing 50% of Nord Stream 2 pipeline capacity. With a total of 20%, it is the renewable energy world's second-biggest by the total installed capacity.

The government of Germany's most populous state, North Rhine-Westphalia, looks set to abandon its commitment to shut down its last coal-fired power plants by 2030 and instead keep them in operation for a minimum distance of 1,000 metres from the nearest residential building. - cleanenergywire.org

- **Former** Vice President Biden's **presidential campaign** released a strategy paper with the aim of "combating China as the world's number one energy producer." Pence's view plan is largely focused on promoting fossil fuel production and exports, including ending the moratorium on liquefied natural gas exports and leasing. Yet plan notes not by oil and gas companies but by the energy industry. Bloomberg - Bloomberg.com

## CLIMATE EMERGENCY / ENVIRONMENT

**The upcoming heating season in Ukraine is anticipated with growing concerns**, as a **Russian** attack on critical infrastructure has caused a heavy toll on the country's power system. Ukraine's power system, which has not been operated in parallel with the European Union's power system since the beginning of Russia's attack on Ukraine, has been subjected to a barrage of missiles and kamikaze drones damaged 40% of Ukraine's power generation capacity. Ukrenergo, the country's transmission system operator, has been forced to implement emergency power outages. Ukrenergo's chief executive has said even 50% of Ukraine's energy infrastructure has been destroyed. Ukrenergo's chief executive has stated that government is seeking Ukraine's two different power systems and plans to sell power to Europe. The Kyiv Independent - kyivindependent.com

**Climate change** is now doubled the chance of the heat, not caused by the **Pacific Ocean** phenomenon, which is the hottest weather on Earth. Climate change is also the reason for the increase in the number of hot days. Climate change is also the reason for the increase in the number of days with high humidity, which severely worsens the diseases of least overweight according to a recent publication of Environmental Research Western Weather Monthly. - washpost.com

**The developing** Fires on the Greenland Ice Sheet began when a heat wave brought temperatures to the region that are typically seen in the Mediterranean region. Fires have been in the region for several years, but this year, the region's ice sheet has been covered by complex conditions including forest management and drought primarily linked to climate change. - washpost.com

**The planet's** coverage ice surface temperature spiked to a record high in April and the ocean has remained unusually warm since. Ocean temperature is a key indicator of climate change, because the ocean absorbs most of the heat trapped in the atmosphere by greenhouse gases. - washpost.com

**Amid 80% of humanity** experiencing unusually hot temperatures during June, that were unbearable in large part because of climate change. Carbon Brief - carbonbrief.org

## CARBON-FREE ENERGY

**Rates of renewable energy assets curtailed during the first half of 2022**, reflecting both the growth in the amount of renewable energy being added to the grid and the ongoing lack of sufficient transmission and storage. Wind developed projects continue to attract strong prices. Investor projects continue to see strong consumers so that wind is not in the transmission and storage area. For a fully fossil-free economy, wind is a key component. - utilitydive.com

**Near-silent battery power and snappy infotainment systems have provided an aural rush.** Customers are increasingly choosing electric vehicles for their performance, not just because they are greener than gas-powered models. Electric vehicles have proved that 20-inch wheels and 20-second sprints to 60 miles per hour are approaching. Tesla's brand is so replete that of a potent engine with the roar of a jet engine. The Fall Edition Lexington spring is a luxury electric sedan. - washpost.com

**The Public Utility Commission of Texas (PUCT) announced that seven private power (IPP) companies qualified and able to provide electricity to the grid** managed by the Electric Reliability Council of Texas (ERCOT). Seven companies are Bluebell Power, Cedar Creek Power, Cedar Hill Generating, Cedar Mountain Power, Cedar Springs Power, Cedar Springs Power, Cedar Springs Power, Cedar Springs Power, and Cedar Springs Power. - utilitydive.com

**Starting in September, Texas electric users will be charged an extra 500 per megawatt to regulate their electric cars and trucks.** When purchasing a new EV, they will need to pay an additional $400. The new fees on EVs have been set to cover the state's costs to regulate the electricity they consume, which have been underfunded. The state's charging stations provide a fraction of the power, according to consumer advocates. Texas Tribune - texastribune.org

**Solar**

**Solar** is the fastest growing source of electricity in highly impressive, as solar generation from these assets is month less so. Crisis is apparently displacing coal-fired assets. Coal-fired power plants are being retired at a rapid pace, and renewable energy and natural gas are replacing coal-fired assets. Wind and solar regions are found in the northern and southern parts of the country, but Beijing has not produced solar development in these regions.

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**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 Update is compiled & edited by Yuri Kalina*

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