

## Weekly Serving of Good News 2022

**Good News 2023** <[link](#)>

**Sat 31 Dec, 2022**

Iowa Tribe of Kansas and Nebraska establishes regenerative agriculture education center <[link](#)>

10 Environmental Justice Wins in 2022 to Celebrate <[link](#)>

How EJ activists helped reverse U.S. opposition to climate aid <[link](#)>

2022: A Year for Clean Energy <[link](#)>

Six climate breakthroughs that made 2022 a step toward net zero <[link](#)>

Southeast State and Local Govt's Stepped Up Their Electric Transportation Game in 2022 <[link](#)>

Caribbean, Central America to lead geothermal charge in 2023 <[link](#)>

World's First Net Zero Transatlantic Flight to Fly From London in 2023 <[link](#)>

World Bank Approves \$311M West African Power Pool <[link](#)>

Australia Goes All-in on Green Hydrogen <[link](#)>

Construction begins on massive solar-plus-storage project in China <[link](#)>

China opens largest energy storage station <[link](#)>

Home Depot Does A Big Energy Deal, But It Does More Behind The Scenes <[link](#)>

Waste Heat From Data Centers Can Bolster District Heat Systems <[link](#)>

Chevron to pursue geothermal energy <[link](#)>

One farmer set off a solar energy boom in rural Minnesota; 10 years later, here's how it worked out <[link](#)>

Long-duration energy storage has attracted more than \$58B in global commitments since 2019 <[link](#)>

Spearmint Energy begins 300MWh ERCOT battery storage project <[link](#)>

Europe's largest energy storage facility begins operations in Belgium <[link](#)>

Europe to hit 9.3GWh of residential battery storage by end of 2022 <[link](#)>

Batteries From Wood: A Renewable Energy Storage Solution <[link](#)>

A New Program Will Train Teachers to Teach Climate Change, Without the 'Doom and Gloom' <[link](#)>

## **Sat 24 Dec, 2022**

Washoe Tribe receives \$380K grant to restore meadow, forest <[link](#)>

Program brings together agencies, tribal nations to restore fire resilience in Southwest <[link](#)>

California Approves Funds for 60 MWh Tribal Long-Duration Energy Storage Project <[link](#)>

New California Project Uses Solar Panels to Restore Native Prairie, Pollinator Habitat <[link](#)>

US Postal Service's electric vehicle purchases will help deliver a cleaner future <[link](#)>

Europe added 41.4 GW of new solar in 2022 <[link](#)>

EU Solar Shines Bright In Stunning Year <[link](#)>

Historic Biodiversity Agreement Reached At UN Conference <[link](#)>

Agrivoltaics Goes Nuclear On California Prairie <[link](#)>

Porsche is replacing gasoline with air and water <[link](#)>

Costa Rica exceeds 98% renewable electricity generation for the eighth consecutive year <[link](#)>

The Middle East Oil And Gas Nations Pouring Billions Into Clean Energy <[link](#)>

After years of pursuing geothermal energy, St. Kitts and Nevis can now proclaim with a high degree of certainty that their geothermal ambition is within reach <[link](#)>

Fort Bragg considering wave energy-powered desalination in latest novel water move <[link](#)>

British Columbia to halt new power connections for crypto miners <[link](#)>

Iron-air batteries have a "reversible rust" cycle that could store and discharge energy for far longer and at less cost than lithium-ion technology <[link](#)>

Form Energy to build novel iron batteries in West Virginia steel town <[link](#)>

Scientists Discover Enzymes That Could Make It Cheaper To Recycle Waste Polyester Textiles and Bottles Than Making Them From Petroleum <[link](#)>

## **Sat 17 Dec, 2022**

Indigenous Gardens Network again receives Oregon Cultural Trust grant <[link](#)>

New Global Ocean Health initiative establishes tribal working group to address climate crisis through carbon removal <[link](#)>

Native-run solar firm aims to lower heating emissions and costs <[link](#)>

Oregon reaches nearly \$700M settlement with Monsanto over PCB contamination <[link](#)>

Finally, Some Good Climate News: The Biggest Wins in Clean Energy in 2022 <[link](#)>

Solar panels will be mandatory on new homes in Tokyo <[link](#)>

This novel energy system can harness solar and wind energy simultaneously <[link](#)>

Here's how deep geothermal drilling might be clean energy's future <[link](#)>

Eco Wave Power signs concession for world's largest wave power station <[link](#)>

Small Morocco punches above its weight on renewables <[link](#)>

As hard-headed bankers turn away from fossil fuels, politicians need to pay attention <[link](#)>

### **Sat 10 Dec, 2022**

White House Commits to Elevating Indigenous Knowledge in Federal Policy Decisions <[link](#)>

DOI to invest \$50M to clean up orphaned oil and gas wells on tribal lands <[link](#)>

Biden Affirms Commitment to Tribal Nations, Announces New Initiatives at White House Tribal Nations Summit <[link](#)>

Biden to Establish Sacred Tribal Lands in Mojave Desert as National Monument <[link](#)>

B.C. funds Indigenous-led forestry company in Fort St. James <[link](#)>

US Native American tribes seek to reintroduce indigenous wildlife <[link](#)>

Partnership helps improve drinking water, restore fish habitat in Oregon's Rogue River basin <[link](#)>

Monarch Survival: Oregon to see \$557,600 for butterfly habitats <[link](#)>

Portland is first in nation to phase out petroleum diesel, replace with biofuels <[link](#)>

Texas Will Have More Electricity From Renewables Than Natural Gas Next Year, Says EIA Report <[link](#)>

Czech Republic Says Hello To Hydrogen Trains, Buh-Bye To Russian Gas <[link](#)>

Conduit hydropower could add 1.41GW of new hydropower in US, says report <[link](#)>

Innovative Turbine Combines Wind and Solar Power To Create Sustainable Energy System <[link](#)>

'Gold Hydrogen' Is An Untapped Resource In Depleted Oil Wells <[link](#)>

Sale jumpstarts floating, offshore wind power in US waters <[link](#)>

The clean energy company turning city blocks greener <[link](#)>

Renewables to overtake coal and become world's biggest source of electricity generation by 2025, IEA says <[link](#)>

Law to fight global deforestation and forest degradation <[link](#)>

### **Sat 3 Dec, 2022**

Interior Department Announces New Support for Tribal Sovereignty <[link](#)>

Biden Administration Announces \$135 Million to Relocate Tribes Affected by Climate Change <[link](#)>

Portland preschool faces closure as church repurposes land to house Indigenous families <[link](#)>

There's a renewable energy revolution occurring in America's heartland <[link](#)>

Renewable Boom Saves India From String Of Mass Blackouts <[link](#)>

South Africa turns to solar to help stop power cuts <[link](#)>

Doing development differently: How Kenya is rapidly emerging as Africa's renewable energy superpower <[link](#)>

Heat-hit Indian farmers use solar-powered fridges to keep food fresh <[link](#)>

German developer installs 170 MW of solar at former coal mine <[link](#)>

Louisville Muhammad Ali International Airport prepares to switch to geothermal system <[link](#)>

Research reveals an easy way for dairy farmers to reduce their climate impact <[link](#)>

The largest landfill solar project in North America is now complete <[link](#)>

### **Sat 26 Nov, 2022**

Oregon State receives \$3M to explore a more sustainable battery <[link](#)>

IBM and Net Zero Atlantic partner to enhance clean energy transition for Indigenous communities <[link](#)>

Wind talkers: Why Indigenous groups across Newfoundland and Canada are taking the leap into green energy <[link](#)>

Indigenous cooperative restores forests to form ecological corridor in Bahia <[link](#)>

Historic Deal Struck at COP27 to Create Loss and Damage Fund for Poor Nations <[link](#)>

Iroquois Center in Onchiota, New York Acquires 333 Acres <[link](#)>

BIA Announces "Historic" Land Acquisition in Alaska <[link](#)>

Climate advocates see a path forward in the farm bill: Lining farmers' pockets <[link](#)>

EVs start delivering Belgian Coke <[link](#)>

Domino's acquires 800 Chevy Bolts EVs for delivery fleet <[link](#)>

New rules put Vermont on the road to phasing out sales of gas-powered cars <[link](#)>

SK Signet Will Build Fast Charger Factory In Texas <[link](#)>

Dandelion Energy Ready To Expand Ground Source Heat Pumps <[link](#)>

Etihad's 'Greenliner' shows a glimpse of a more sustainable future for aviation <[link](#)>

World's deepest hole digger could unlock enough geothermal energy to power the world <[link](#)>

This solar startup can harness massive amounts of power from the sun - Video <[link](#)>

### **Sat 19 Nov, 2022**

Indian Energy secures \$31M to build landmark microgrid for SoCal's Viejas Tribe <[link](#)>

Tribes among major recipients of National Fish and Wildlife Foundation's \$91M America the Beautiful Challenge <[link](#)>

East Africa's geothermal green energy revolution <[link](#)>

Chile, the land of mines, leads the way in solar energy <[link](#)>

East Africa's geothermal green energy revolution <[link](#)>

A gift from nature: Geothermal energy in Tuscany's Valle del Diavolo <[link](#)>

COP27: Deep geothermal "superhot rock energy" could be key to climate action <[link](#)>

Fossil fuel past, green future: Abandoned wells may offer geothermal power <[link](#)>

Floating PV for water pumping, desalination <[link](#)>

New insights into energy loss open doors for up-and-coming solar tech <[link](#)>

U.S. Increases Its Bets On Tidal Power <[link](#)>

Projects to Improve Forest Health and Wildlife Habitat Announced <[link](#)>

Enel is going to build one of the largest solar panel and cell factories in the US <[link](#)>

GM EV unit BrightDrop expects \$1 billion in 2023 revenue, mass production of all-electric delivery vans to start in December <[link](#)>

Amazon Has 'Over a Thousand' Rivian Electric Vans Already Making Deliveries <[link](#)>

## **Sat 12 Nov, 2022**

BIA announces \$45M investment for tribal climate resilience <[link](#)> or <[link](#)>

DOE announces \$35M funding opportunities to deploy clean energy in tribal communities <[link](#)> or <[link](#)>

What Have Democrats Done for Indian Country Lately? <[link](#)>

Shivwits Tribal leader touts 'self-sufficiency' as plans take shape for solar farm, business expansion <[link](#)>

Federal Partners to Hold First-Ever Tribal Consultations on Alaska Fisheries Protection and Restoration <[link](#)>

U.S. launches carbon offset program to help developing countries speed clean energy transition <[link](#)>

U.S. to provide millions in funding for tidal energy and river current systems <[link](#)>

Dutch company secures close to €5 million for tidal power technology <[link](#)>

World's first utility-scale, rock-based storage facility goes online in Italy <[link](#)>

Wind Energy Supports Wyoming's Ranching and Agricultural Communities <[link](#)>

In France, all large parking lots now have to be covered by solar panels <[link](#)>

As its trees come back, Nepal notches a victory against deforestation <[link](#)>

Sewage: The Next Renewable Energy Breakthrough? <[link](#)>

TVA pilots solar on a coal ash site, a US first, but there's still a long way to go <[link](#)>

New law provides hydrogen's biggest boost yet <[link](#)>

Oregon State University plans to develop a battery that would not rely on rare minerals <[link](#)>

This Startup Uses Volcanic Rock Dust to Capture Carbon on Farms <[link](#)>

Natel Energy "Restoration Hydro" Improves Aquatic Biodiversity <[link](#)>

The Next Big US Offshore Wind Winners Are Texas & Louisiana <[link](#)>

### **Sat 5 Nov, 2022**

Indigenous Energy Initiative founder discusses building relationships, solar projects with renewed support <[link](#)>

Bison return program is now helping Native American ranchers build herds <[link](#)>

Electricity-generating windows? Swiss scientists design more efficient transparent solar panels <[link](#)>

Scientists develop window film that can cool room without blocking visible light <[link](#)>

unéole combines solar and wind power to devise an ideal renewable energy system <[link](#)>

The next step in harnessing clean wind energy could be building electrical grids in the ocean <[link](#)>

Why the Feared Wave of Solar Panel Waste May Be Smaller and Arrive Later Than We Expected <[link](#)>

Researchers Report Renewable Jet Fuel Breakthrough <[link](#)>

A submerged buoy-like device is harnessing the sea's 'epic amounts of energy' in Scottish trial <[link](#)>

U.S. and UAE sign strategic partnership deal to spur \$100 billion in clean energy investment <[link](#)>

Carbon Capture Projects See Meteoric Growth in 2022 <[link](#)>

Carbon-Capture Projects Are Taking Off. Here's How They Stash the Greenhouse Gas. <[link](#)>

### **Sat 29 Oct, 2022**

With renewables, Native communities chart a path to energy sovereignty <[link](#)>

An influential energy group sees reason for climate optimism <[link](#)>

Feds begin 'expedited' process to help save drought-stricken Colorado River <[link](#)>

A look inside the solar industry's newest U.S. factory <[link](#)>

China is building the world's largest wind farm and it could power 13m homes <[link](#)>

Net-zero Smart Neighborhoods planned for Chicago metro area <[link](#)>

Ukraine War Sparks Surge In Solar Power Generation In Europe <[link](#)>

Staten Island wind turbine facility gets big boost: \$48M in federal funding <[link](#)>

U.S. Treasury launches industry outreach on clean energy tax credits <[link](#)>

Harbor District Announces Massive Offshore Wind Partnership; Project Would Lead to an 86-Acre Redevelopment of Old Pulp Mill Site [<link>](#)

Toxic landfills are emblems of environmental injustice across the US. Clean energy can remake them. [<link>](#)

Vertical solar on high-rise building to produce 58 MWh annually [<link>](#)

Photovoltaic-thermal solar tiles [<link>](#)

U.S. to provide millions in funding for tidal energy and river current systems [<link>](#)

Opinion: As America grapples with the climate crisis, 9 experts weigh in with solutions [<link>](#)

### **Sat 22 Oct, 2022**

Climate justice: UN rules Australia violated islander rights [<link>](#)

UCI researchers awarded \$7.5 million for environmental justice initiative [<link>](#)

Indigenous leader's court win halts one of Australia's 'dirtiest gas projects' [<link>](#)

Indigenous-owned wind farm is thriving in one of Quebec's windiest regions [<link>](#)

With renewables, Native communities chart a path to energy sovereignty [<link>](#)

A new four-year project will test the viability of large-scale wave energy in Europe [<link>](#)

U.S. to provide millions in funding for tidal energy and river current systems [<link>](#)

Fervo Energy to Provide 24/7 Carbon-Free Geothermal Electricity to Clean Power Alliance's Three Million Southern California Customers [<link>](#)

As world converges for an African CoP, the continent's east bets on geothermal [<link>](#)

Geothermal May Beat Batteries for Energy Storage [<link>](#)

Solar superpowers, wind warriors and hydro heroes: How communities are embracing renewable energy [<link>](#)

EU produces record wind and solar energy as it shirks Russian gas [<link>](#)

Portugal bets all on renewables after abandoning coal [<video link>](#)

French farmers are covering crops with solar panels to produce food and energy at the same time [<link>](#)

Caltech will send a prototype orbital solar farm to orbit by December [<link>](#)

Seratech carbon-neutral concrete wins Obel Award 2022 [<link>](#)

A Boom in Renewable Energy Has Blunted the Global Rise in Emissions [<link>](#)

First-ever offshore wind lease sale on West Coast will be offered in December, Biden administration announces [<link>](#)

### **Sat 15 Oct, 2022**

Yurok Tribe and California State Parks sign historic MOU <[link](#)>

5-tribe coalition infuses Indigenous perspectives into California's coastal management <[link](#)>

Aberdeen International Airport announces first supply of SAF <[link](#)>

Fervo Energy to Provide 24/7 Carbon-Free Geothermal Electricity to Clean Power Alliance's Three Million Southern California Customers <[link](#)>

Colorado green justice groups hail Xcel Energy's \$32.8 million community solar plan <[link](#)>

Sono takes Sion solar EV on US tour in bid for fleet business <[link](#)>

Breakthrough Wind Solution Gives Commercial Property Owners Efficient New Rooftop Option to Generate Renewable Energy <[link](#)>

Greece runs on 100% renewables for the first time on record <[link](#)>

Startup empowers EVs to send power to the grid <[video link](#)>

CSIRO pledges to halve emissions of "hardest to abate" sectors by 2035 <[link](#)>

Global floating offshore wind pipeline doubles in the last 12 months to 185 GW <[link](#)>

Meet the world's first hydrogen fuel cell-powered container handler <[link](#)>

School districts embrace electric buses <[link](#)>

Honda and LG are investing \$3.5 billion in new Ohio battery factory <[link](#)>

Over \$40 billion in EV investments establishes new US 'battery belt' with 15 new plants or expansions <[link](#)>

Green hydrogen corridor aims to harness Spanish sunshine and decarbonize Europe's industrial north <[link](#)>

Subsea cable to bring wind, solar power from Egypt to Europe <[link](#)>

Amazon will spend €1 billion on electric vans and trucks in Europe <[link](#)>

Renewables Met 100% of the Rise in Global Electricity in the First Half of 2022 <[link](#)>

MOL's wind-assisted bulk carrier enters service <[link](#)>

### **Sat 8 Oct, 2022**

Heat wave: how Orkney is leading a tidal power revolution <[link](#)>

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Wave energy sees ripples of activity in the U.S. <[link](#)>

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Amazing Blowhole Wave Energy System Surpasses Expectations <[link](#)>

Chevron, Mitsui Team Up To Explore Japan's Geothermal Energy Potential <[link](#)>

Gov. Polis pitches geothermal energy as clean-heating solution in Western governors' initiative <[link](#)>

The Time Has Never Been Better For Community Solar In The US <[link](#)>

The Underappreciated Tool for Surviving Extreme Weather <[link](#)>

This 100% solar community endured Hurricane Ian with no loss of power and minimal damage <[link](#)>

This startup is partnering with Sunrun to recycle and reuse millions of outdated solar panels <[link](#)>



Europe Is Betting Big On Geothermal Energy <[link](#)>

Form Energy wins \$450M to rust iron for multi day energy storage <[link](#)>

Crowley Closes Land Deal for Massachusetts Offshore Wind Port <[link](#)>

Wax Worm Saliva Can Degrade Stubborn Plastic Within Hours, Scientists Find <[link](#)>

Hope amid climate chaos: 'We are in a race between Armageddon and awesome' <[link](#)>

Scotland looks to vertical farming to boost tree stocks <[link](#)>

### **Sat 1 Oct, 2022**

Geothermal Bubbles Up as Feasible Power Source in the American West – Pagosa Daily Post News Events & Video for Pagosa Springs Colorado <[link](#)>

Calpine & Blue Planet transform captured carbon into limestone <[link](#)>

Arrival (ARVL) successfully builds its first electric Van using novel Microfactory model <[link](#)> New York to Ban Gas-Powered Vehicles, Following California's Lead <[lead](#)>

Growing heat waves make geothermal energy vital to reducing grid demand <[link](#)>

A place where waste becomes energy: How Yolo County leaders are transforming their landfill <[link](#)>

The U.S. Plan To Power 100% Of Its Flights With Renewable Jet Fuel <[link](#)>

In one tiny German town, nobody worries about energy bills <[link](#)>

NextEra, Portland General Electric's Utility-Scale Facilities to Co-locate Wind, Solar and Storage <[link](#)>

Fracked gas power plant defeated <[link](#)>

Federal report recommends removing four Lower Snake River dams to protect salmon <[link](#)>

Myriad opportunities offer tribes solutions for energy resilience <[link](#)>

Working With Tribes To Co-Steward National Parks <[link](#)>

Offshore Wind 125 Times Better for Taxpayers Compared to Oil and Gas <[link](#)>

The U.S. Wind Industry Is Racking Up Big Wins <[link](#)>

EPA launches new office dedicated to environmental justice <[link](#)>

California first state to ban natural gas heaters and furnaces <[link](#)>

### **Sat 24 Sep, 2022**

Siemens Gamesa launches recyclable onshore wind turbine blades <[link](#)>

Mercedes-Benz plans to install wind turbines with over 100 MW output at German test track <[link](#)>

Floating solar farms: What are they and can they help us reach net zero? <[link](#)>

How an oil fracking boom to bust startup plans to thrive in the climate change era <[link](#)>

Towers Rise Atop Largest NYC Geothermal Energy System <[link](#)>

Plug 1MW Electrolyzer Commissioned at World's First Floating Offshore Green Hydrogen Production Site <[link](#)>

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Wave-riding generators promise the cheapest clean energy ever <[link](#)>

Tidal energy is the next wave in renewables <[link](#)>

Renewable energy jobs rise by 700,000 in a year, to nearly 13 million <[link](#)>

US installs record solar capacity as prices keep falling <[link](#)>

Rhode Island celebrates 'The Starting Five,' wind turbines <[link](#)>

France's Macron seeks 'massive' boost for renewable energy <[link](#)>

Oglala and Cheyenne River Sioux Tribes buy land near Wounded Knee massacre site <[link](#)>

Tribes to access \$3.6M for EPA wetlands programs <[link](#)>

### **Sat 18 Sep, 2022**

Solar Energy Saved Europeans \$29 Billion This Summer <[link](#)>

\$500 Million Solar Energy Powered Aerospace Plant Coming To Jackson County, WV <[link](#)>

Minnesota sets more aggressive greenhouse gas cuts in new plan <[link](#)>

Minnesota regulators OK building massive solar power station near Becker <[link](#)>

Ag groups receive grant to transition U.S. beef to carbon neutral <[link](#)>

Build Back Better Lives Again, Now With Green Hydrogen <[link](#)>

The Biden Administration Wants to Cut Geothermal Energy Costs by 90 Percent <[link](#)>

Biden targets Oregon coast as floating offshore wind tower site <[link](#)>

The U.S. looks to rival Europe and Asia with massive floating offshore wind plan <[link](#)>

Why geothermal energy could be a game changer <[link](#)>

Patagonia founder just donated the entire company, worth \$3 billion, to fight climate change <[link](#)>

New Wyoming Carbon Capture Project will Eliminate 5 Million Tons of CO2 Per Year <[link](#)>

South Dakota Settles with Tribal Nations in Voting Rights Lawsuit <[link](#)>

SE Alaska partners — including Tlingit and Haida tribe — secure \$12.4M for forest improvement, economic development <[link](#)>

New Solar-Powered Invention Creates Hydrogen Fuel from the Air <[link](#)>

Europe's Energy Crisis Will Be Short-Lived & Reap Benefits <[link](#)>

### **Sat 11 Sep, 2022**

DOE Launches New Energy Earthshot to Slash the Cost of Geothermal Power <[link](#)>  
Bridgestone Tire Gets Rubber from Desert Guayule Plant Which Doesn't Require Irrigation <[link](#)>  
Blue Lake Rancheria hatches biz incubator, training plans for \$8M Toma Resilience Campus <[link](#)>  
Meacham Creek Restoration <[link](#)>  
Indonesia's push to reach net zero emissions can help power a new phase in its economic development <[link](#)>  
Massive new climate law could give Pacific Northwest green businesses a boost <[link](#)>  
A suburban Philadelphia firm bets on new technology to store solar power 24/7 <[link](#)>  
Scotch whisky industry plans to hit net-zero carbon emissions by 2040 and tackle entire supply chain too <[link](#)>  
World's First 100% Hydrogen-Powered Trains Now Running Regional Service in Germany to Replace Diesel <[link](#)>  
CeraPhi Energy enters into an agreement with Halliburton to advance its Geothermal Energy Aspirations <[link](#)>  
GoodFuels' Asia-Pacific branch delivers biofuel to NYK <[link](#)>  
Researchers Create New Method for Making Biodiesel Fuel with Food Waste <[link](#)>  
Algae both purify water and produce useful biomass <[link](#)>  
Alaska Gov. Dunleavy says inlet tides next renewable energy source while pushing back on DC's oil aversion <[link](#)>  
Wave and Tidal Energy Market Size is projected to reach USD 29 Billion by 2030 <[link](#)>  
Local (Oregon) lawmakers focus in on wave energy following Inflation Reduction Act <[link](#)>  
Wello inks commercial agreement for wave energy project in Barbados <[link](#)>  
Wave Energy Converter Passes First Test, Now It's Off To Oregon <[link](#)>  
Ocean energy can make waves in the renewable energy sector <[link](#)>

#### **Sat 4 Sep, 2022**

Volkswagen's new CEO lays out plans to boost EV transition on his first day <[link](#)>  
Utah Startup Making Treasure Map For Geothermal Energy <[link](#)>  
Italy PM gives go-ahead for 10-MW binary geothermal power plant in Tuscany <[link](#)>  
Crab and lobster shells could be used to make renewable batteries <[link](#)>  
Goldendale energy project can help meet Washington's clean-energy needs <[link](#)>  
A Solar Firm Plans to Build Off-Grid Neighborhoods in California <[link](#)>  
Largest-ever geothermal grid under this Texas housing development is saving homeowners serious money <[link](#)>

The world's biggest offshore wind farm is now fully operational <[link](#)>  
Contra-rotating floating turbines promise unprecedented scale and power <[link](#)>  
First Solar announces new U.S. panel factory following the Inflation Reduction Act <[link](#)>  
ESS iron-flow battery system installed at Pennsylvania industrial recycling facility <[link](#)>  
New USDA grant programs offer 'huge step forward' for Native ag <[link](#)>  
Inflation Reduction Act 'an absolute game-changer' for renewable energy in Indian Country <[link](#)>  
Northwestern Partners with Indigenous Scientists to Conserve Great Lakes Wetlands <[link](#)>  
In a US first, California will pilot solar-panel canopies over canals <[link](#)>  
Renewables provided over 25% of total US electrical generation in first half of 2022 <[link](#)>

### **Sat 28 Aug, 2022**

Plug Power Surges on Amazon Deal to Supply Green Hydrogen <[link](#)>  
Harbour Air completes point-to-point test flight in all-electric plane <[link](#)>  
This power line could save California — and forever change the American West <[link](#)>  
50 Acres of Ancestral Homeland Repatriated to the Wiyot Tribe <[link](#)>  
Washington AG, West Coast states oppose major gas pipeline project <[link](#)>  
Breakthrough Might Finally Destroy the Harmful 'Forever Chemicals' in Our Water <[link](#)>  
Texas Scientists Have Created a Protein That Breaks Down Plastic Bottles <[link](#)>  
Fervo Energy Raises \$138 Million for 24/7 Carbon-Free Next-Generation Geothermal Energy <[link](#)>  
EV shipping is set to blow internal combustion engines out of the water <[link](#)>

### **Sat 20 Aug, 2022**

Virginia recognizes the promise of Indigenous-led conservation <[link](#)>  
Renewables will total 22 percent of U.S. electricity generation in 2022, says government <[link](#)>  
Investors flock to green energy funds as Congress passes climate bill. <[link](#)>  
US DOE announces \$44M funding for Enhanced Geothermal System innovation projects <[link](#)>  
US DOE to invest on leveraging oil and gas expertise for geothermal <[link](#)>  
Battery investment moves onshore to kick-start US EV production <[link](#)>  
The Unstoppable Growth of Carbon Markets <[link](#)>  
Young activists in Florida have gotten the state to adopt renewables faster <[link](#)>  
Big Oil Looks To Capitalize On The \$1 Trillion Offshore Wind Boom <[link](#)>

Wind Blows Away Australian Records [<link>](#)

The world's largest offshore wind farm is about to officially launch [<link>](#)

This new innovation boosts wind farm energy output yet costs nothing [<link>](#)

Nuclear Fusion Breakthrough Confirmed: California Team Achieved Ignition [<link>](#)

Ohio University transforms coal waste into environmentally-friendly material [<link>](#)

### **Sat 13 Aug, 2022**

'Largest Investment Ever' on Climate Change Passes Senate, Including \$272.5 Million for Tribes [<link>](#)

Federal Grant Aims to Help the Oneida Nation Move Further Toward Renewable, Resilient Energy [<link>](#)

Ford and DTE Energy announce largest renewable energy purchase in US history [<link>](#)

A simple material for carbon capture, perhaps from tailpipes [<link>](#)

Inflation Reduction Act brings new climate and energy investments to Indian Country [<link>](#)

Going green: Canada's fossil fuel heartland, Alberta, on track to become renewables leader [<link>](#)

SWEL looks for partners to help commercialize wave energy device [<link>](#)

Japan Develops Unique Wave-Catching Turbines to Harvest Power [<link>](#)

Trout farmer in wave power world first [<link>](#)

ISOR secures contract for preparing geothermal project in Puga, Kashmir [<link>](#)

Experts optimistic about converting coal plants to production of clean geothermal energy [<link>](#)

Greater Cooperation Between European and Kenyan SMEs to Develop Geothermal Energy [<link>](#)

PLN to build 40-MW Ulumbu geothermal power plant on Flores Island, Indonesia [<link>](#)

'Green' Poultry Farming Heats up With Geothermal + Solar Innovation [<link>](#)

Germany gets 20% of its Electricity from the Sun: July marks third monthly Solar Power output Record [<link>](#)

Parts of the Great Barrier Reef Show Highest Coral Cover in 36 Years [<link>](#)

Bacteria brew energy-dense biofuels [<link>](#)

American Airlines Plans Hydrogen-powered Regional Fleet [<link>](#)

Spain to hold 3.3 GW renewables auction in November [<link>](#)

Wind turbine fitted with recyclable blades starts generating electricity [<link>](#)

### **Sat 6 Aug, 2022**

Spectacular Coral Event This Year Spawns Hope – And Billions of Babies For Great Barrier Reef [<link>](#)

CorPower Ocean Completes Portugal Test Site for HiWave-5 Marine Installations [<link>](#)

Dominion Energy's Largest Battery Storage Pilot Project Now Operational <[link](#)>  
Governors Launch 'Heat Beneath Our Feet' Geothermal Initiative <[link](#)>  
World could install 250 GW of solar this year, claims Bloomberg analyst <[link](#)>  
The US grid is ready for 100% renewables, says DoE <[link](#)>  
Prepping for the 100% Renewable Energy Grid of Tomorrow, Today <[link](#)>  
Delaware Will Install Free Solar Panels For Low-income Residents and Paying 70% For Moderate-incomes <[link](#)>  
Enphase Energy Poised To Go Large As Solar Industry Approaches Global Tipping Point <[link](#)>  
Swiss team sets new world record for solar power <[link](#)>  
Alliant's new Cedar Rapids battery project powers renewable energy growth <[link](#)>  
"Breakthrough." Bluescope, Vestas back \$42.5m raising for Australian hydrogen start-up <[link](#)>  
Hundreds of Solar Farms Built Atop Closed Landfills Are Turning Brownfields into Green Fields <[link](#)>  
Haskell Indian Nations University Receives \$20 Million for Indigenous Science Hub <[link](#)>  
Alaska Gov. Dunleavy signs tribal-recognition bill, a 'first step toward healing' <[link](#)>  
Inspired to Save Their Arctic Home, This First Nation Installs 300KW Solar Station <[link](#)>  
Native nonprofit leverages \$1.7M federal grant to pilot energy sovereignty project <[link](#)>  
This giant 'water battery' under the Alps could be a game-changer for renewable energy in Europe <[link](#)>  
Oil-funded Rockefeller Foundation centers fight for climate <[link](#)>  
World's Most Durable Hydrogen Fuel Cell Paves Way for Wider Application of Green Energy <[link](#)>  
Transparent solar panels could soon turn windows into energy harvesters <[link](#)>  
Dead Solar Panels Are About to Become a Lot More Valuable – a \$2.7 Billion Market by 2030 <[link](#)>  
IKEA Will Start Selling Solar Panels in Some U.S. Stores This Fall <[link](#)>  
General Electric Produces Its First 100% Recyclable Wind Turbine That Can be Reconstructed as It Ages <[link](#)>  
Top 10 Wins For the Planet in 2021 – These Will Turn Anyone Into an Optimist <[link](#)>  
Global solar demand 'staggering,' on track to grow 30%: <[link](#)>

### **Sat 30 Jul, 2022**

Climate deal struck by Manchin, Schumer would be biggest investment in US history <[link](#)>  
Hawaii receives its final shipment of coal amid push to move to renewable sources <[link](#)>  
Tesla big battery begins providing inertia grid services at scale in world first in Australia <[link](#)>  
Construction begins on world's largest integrated green hydrogen, ammonia plant <[link](#)>  
Air conditioning is a climate disaster and Bill Gates is investing in this startup to fix it <[link](#)>  
Renewable generation surpassed nuclear in the U.S. electric power sector in 2021 <[link](#)>

Battery systems on the U.S. power grid are increasingly used to respond to price [<link>](#)  
Gabon ushers in sovereign carbon era for net-zero corporations [<link>](#)  
Siemens' new home EV charger adapter ends need for electrical panel upgrades [<link>](#)  
Here's how Phoenix is cooling down its streets as summers get hotter [<link>](#)  
New Research Says Vertical Solar Panels Have Improved Performance [<link>](#)  
Sesame Solar is selling mobile disaster relief units powered entirely by clean energy [<link>](#)  
US resurrects green energy loan program that helped put Tesla on the map [<link>](#)  
MISO board approves \$10.3B transmission plan to support 53 GW of renewables [<link>](#)  
UK Offshore Wind Costs 4 Times Less Than Gas-Fired Thermal Generation [<link>](#)

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### **Sat 23 Jul, 2022**

Algae biopanel windows make power, oxygen and biomass, and suck up CO2 [<link>](#)  
How Europe Can Replace Russian Gas and Still Achieve Its Net-Zero Emissions Goals [<link>](#)  
Offshore wind farm proposed for Gulf of Mexico near Galveston could power 2.3 million homes [<link>](#)  
A pilot project in the North Sea will develop floating solar panels that glide over waves 'like a carpet' [<link>](#)  
Most Renewables Now Cheaper Than Cheapest Coal [<link>](#)  
Dept of Interior approves big power line for renewables in U.S. West [<link>](#)  
U.S. Dept. of Energy Joins New Federal-State Partnership to Grow Domestic Offshore Wind Supply Chain [<link>](#)  
German-Dutch consortium to build 500 kW offshore solar pilot in North Sea [<link>](#)  
USPS Now Says Half of Initial 50,000 Next-Generation Mail Truck Order Will Be Electric [<link>](#)  
Solid state tech could reduce EV batteries' carbon footprint by 39% [<link>](#)  
The Esselen Tribe, formerly landless, was once declared extinct. Now they're a Big Sur property owner at the forefront of a movement. [<link>](#)  
'THIS IS SOVEREIGNTY': Coquille Tribe enters landmark wildlife management agreement with Oregon [<link>](#)

### **Sat 16 Jul, 2022**

Solar Power Is Bailing Texas Out This Summer [<link>](#)  
Biden administration announces \$56 million for US solar manufacturing [<link>](#)  
Washington set to be 2nd East Coast city with gas ban [<link>](#)  
What an \$8B Western grid project means for U.S. clean energy [<link>](#)  
Australia and U.S. Join Forces on Path to Net-Zero [<link>](#)

Storing renewables via radial-flow packed bed thermal energy storage <[link](#)>  
DOE Announces \$18 Million to Streamline Commercialization of Clean Energy Technologies <[link](#)>  
GM and EVgo to build fast-chargers at Pilot Flying J gas stations <[link](#)>  
This two-bladed offshore wind turbine can withstand hurricanes <[link](#)>  
Equinor clinches huge renewable energy contract in the U.S. <[link](#)>  
Europe plans 25-fold increase in offshore wind capacity by 2050 <[link](#)>  
Shares of EV maker Canoo are surging after Walmart agrees to buy 4,500 electric delivery vans <[link](#)>  
Battery recycling could be the next investor darling of the EV era <[link](#)>  
World's First Laundry Detergent Made From Industrial Carbon Emissions Launched By Unilever <[link](#)>  
Branson-backed Company Captures Mega Tons of Carbon Injected Into Concrete—and Amazon is Building Their HQ With It <[link](#)>  
Decarbonization Tech Instantly Converts Carbon Dioxide to Solid Carbon <[link](#)>  
UK's Largest Carbon Capture Project Will Turn 40,000 Tons of CO2 into Baking Soda <[link](#)>  
7 Years Ahead of Schedule, Maersk Will Deploy World's First Carbon-Neutral Shipping Liner in 2023 <[link](#)>  
MIT scientists think they've discovered how to fully reverse climate change <[link](#)>  
Huge Indigenous Solar Farm Opens in Remote Northern Community <[link](#)>  
Shell to start construction of renewable hydrogen plant in Netherlands <[link](#)>

### **Sat 9 Jul, 2022**

Dead solar panels are about to become a lot more valuable <[link](#)>  
German consortium plans to build world's largest heat pump <[link](#)>  
Japan's first offshore wind farm installs its first turbine <[link](#)>  
'Sand battery' could solve green energy's big problem <[link](#)>  
Meet the world's first CO2 battery for long-duration energy storage <[link](#)>  
U.S. State Park Unveils New Trail Made of Illegally Dumped Tires <[link](#)>  
Shell to start building Europe's largest renewable hydrogen plant <[link](#)>  
MHA Nation hopes to sell waste natural gas to proposed \$2B hydrogen hub <[link](#)>  
Solar, clean energy stocks soar as U.S. to lift tariffs on Canadian solar products <[link](#)>  
VW is getting into the EV battery business <[link](#)>  
Microsoft datacenter batteries to support growth of renewables on the power grid <[link](#)>  
Cities Embrace Climate Action Planning to Mitigate the Adverse Effects of Climate Change <[link](#)>  
Scientists Discover Simple Way to Remove Heavy Metal From Water Using Plant Waste <[link](#)>



Tata Power signs MoU with Tamil Nadu for Rs3,000 crore mega solar plant <[link](#)>

158 Tesla Mega-Batteries Will Boost Hawaii Green Energy By 10%, and Shut Down Coal-Fired Power Plant <[link](#)>

GM's *BrightDrop* to Revolutionize the Package Delivery Business <[link](#)>

There's a lot of land under solar panels—we should plant some stuff there <[link](#)>

## **Sat 2 Jul, 2022**

In a first, electricity surpasses gas for home heating <[link](#)>

Manor Renewable Energy Orders Two Crew Transfer Vessels from Strategic Marine <[link](#)>

Holu Hou Energy Signs Nine Solar Plus Storage Contracts in Hawaii <[link](#)>

Philly's suburban municipalities embrace electric vehicle revolution with open arms <[link](#)>

Rhode Island sets fastest timeline of any US state to reach 100% renewable electricity <[link](#)>

Researchers use algae to create carbon-neutral cement <[link](#)>

New recycling method could eliminate the climate impact of plastic <[link](#)>

No miracle tech needed: How to switch to renewables now and lower costs doing it <[link](#)>

Japan Is Submerging an Enormous Turbine in the Ocean To Produce "Endless" Clean Energy <[link](#)>

Iran pre-qualifies 85 bidders for 4 GW solar tender <[link](#)>

Two million to access solar power in rural Nigeria <[link](#)>

Bboxx Partners with Orange to Connect 150,000 People in DRC to Innovative Mini-Grid Model <[link](#)>

## **Sat 25 Jun, 2022**

Energy storage soars despite international and national supply challenges <[link](#)>

Norfolk celebrates completion of Nebraska's largest solar power farm <[link](#)>

Floating Drones Are Swallowing Tons of Plastic Waste Before it Reaches Ocean <[link](#)>

Native American Agriculture Fund signs on to national conservation climate action group <[link](#)>

From rickshaws to renewables: Automakers are focussed on EV batteries' second life <[link](#)>

Big Oil bets that green hydrogen is the future of energy <[link](#)>

GM Falls For Crazy Floating Wind Turbine Idea, May Not Be So Crazy After All <[link](#)>

FERC Reveals Interconnection Reforms That Could Unleash Solar Energy Potential <[link](#)>

Expert says renewable energy is keeping Texans' lights on <[link](#)>

### **Sat 18 Jun, 2022**

New wind output records in Victoria and S.A. as delayed projects unshackled <[link](#)>  
Innovative Italian Invents River Cleaner That Grabs Trash Using Water's Current <[link](#)>  
Sustainable Wind Turbine Towers Being Made of Eco-Friendly Wood <[link](#)>  
Wind And Solar Generated a Record 10% of the World's Power in 2021 <[link](#)>  
The US Army just launched the largest floating solar farm in the Southeast – why this is a big deal <[link](#)>  
Solar Covered Skyscraper Will Produce All its Own Energy <[link](#)>  
California breaks record by achieving 100% renewable energy for the first time <[link](#)>  
The dawn of deep green solar <[link](#)>  
Enzyme Discovered in a Cemetery's Compost Heap Can Break Down PET Plastic in Record Time <[link](#)>  
'Superworm' With Appetite for Polystyrene Could be Key to Mass-Scale Recycling <[link](#)>  
Northern Cheyenne Tribe partners with Indigenized Energy for \$4M solar project <[link](#)>

### **Sat 11 Jun, 2022**

Renewable energy projects power up in tribal nations <[link](#)>  
Honeywell and Enlink Midstream will collaborate to deliver carbon capture solution <[link](#)>

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Biden announces standards to make electric vehicle charging stations accessible <[link](#)>  
Oregon utility builds nation's first large-scale wind, solar and battery facility <[link](#)>  
Project to deploy 160 MW solar array on Spanish canal moves forward <[link](#)>  
Massive water, wind and solar project in Idaho advances <[link](#)>  
DOE Launches Bipartisan Infrastructure Law's \$8 Billion Program for Clean Hydrogen Hubs Across U.S.<[link](#)>  
Biden announces new executive actions to spur domestic solar, clean energy development <[link](#)>  
Solid Power, backed by Ford and BMW, begins pilot production of innovative EV battery with longer range and quicker recharging <[link](#)>  
Celebrating 'golden decade,' Poland set to reach 12 GW of PV capacity in 2022 <[link](#)>  
Toyota's New Portable Invention Could Change The World <[link](#)>  
Renewables Become Leader in Grid Resilience: Decentralized Approach to Disaster Recovery <[link](#)>  
Climate-friendly diets can make a huge difference – even if you don't go all-out vegan <[link](#)>  
Japan's trial of a deep ocean turbine could offer limitless renewable energy <[link](#)>

### **Sat 4 Jun, 2022**

Two new bills could help pump up a climate-friendly system for heating and cooling homes <[link](#)>

Governor Hochul Announces 22 Large-Scale Renewable Energy Projects to Deliver Clean, Affordable Energy to New Yorkers <[link](#)>

China Planning Agency Aims For 33% Renewable Power by 2025 <[link](#)>

Solar and wind keep getting cheaper as the field becomes smarter <[link](#)>

Millions of Tons of Earth Dug for New London Subway Line Became a New Bird Sanctuary <[link](#)>

Northern Cheyenne Tribe partners with Indigenized Energy for \$4M solar project <[link](#)>

New artificial enzyme breaks down tough, woody lignin: Study shows promise for developing a new renewable energy source <[link](#)>

The price of key battery metals used in electric vehicle production is expected to fall in coming years <[link](#)>

The new carbon capture method is both 99% efficient and quick <[link](#)>

Steel Giant Comes Out Swinging Against Fossil Fuel <[link](#)>

Ciel et Terre presents new solar floater models <[link](#)>

Engineers Create Zero Carbon Cement That Could Rewrite Course of Concrete and Steel <[Link](#)>

Carbon-Removal Tech Grabs Elon Musk's Check <[link](#)>

### **Sat 28 May, 2022**

In a global tipping point, 52% of car buyers now want to purchase an EV <[link](#)>

Wintering Monarch Butterflies Bounce Back in Mexico – Numbers Surge by 35% <[link](#)>

European Cities Are Turning Rooftops Into Community and Sustainability Hubs: 'A revolution in urban planning' <[link](#)>

Inside Charm Industrial's big bet on corn stalks for carbon removal <[link](#)>

Renewables Remain 'Cheap' Despite Supply Chain Chaos <[link](#)>

Long-duration energy storage 'for everyone' says US Department of Energy <[link](#)>

DOE announces carbon capture funding to kickstart climate industry <[link](#)>

Carbon capture takes sponge-like form with new cost-effective method <[link](#)>

Acres of Toxic Chemicals and Rusting Cars Becomes National Park After Amazing Transformation <[link](#)>

### **Sat 21 May, 2022**

The good news about climate change <[link](#)>

Electrify America will be 100 percent solar-powered by 2023 <[link](#)>

World's First Ocean-Assisted Carbon Removal Plant Launched in Hawaii <[link](#)>

On the Road to 100 Percent Renewables <[link](#)>

Timber Giant Weyerhaeuser To Pay \$600,000 For Breaking The Law <[link](#)>

### **Sat 14 May, 2022**

Federal official announces 'down payment' on improving Columbia River treaty fishing sites <[link](#)>

New Dimension for Coral Restoration: 3-D Printed Reefs Recreate Natural Diversity <[link](#)>

This Bronx Housing Complex Comes With Giant Machine Stomach to Turn All Food Waste Into Fertilizer <[link](#)>

Biggest Floating Solar Park in Europe Perfectly Integrates in Portugal Reservoir <[link](#)>

U.S. wind and solar energy hit a key benchmark last month. <[link](#)>

A 1st in the U.S., Unions Announce Deal to Build Offshore Wind Farms. <[link](#)>

### **Sat 7 May, 2022**

Construction of the world's largest offshore wind farm has begun. <[link](#)>

US Offshore Wind Says the Quiet Part Out Loud: Fossil Fuel Is Toast. <[link](#)>

Denmark wants to build two energy islands to supply more renewable energy to Europe. <[link](#)>

Dutch Visionary Helps Refugee Camp Recycling All of its Plastic Trash into New Products <[link](#)>

Texas Scientists Have Created a Protein That Breaks Down Plastic Bottles <[link](#)>

### **Sat 30 Apr, 2022**

BP deal sends Nasdaq-listed EV charging stock Tritium surging <[link](#)>

Xprize and the Musk Foundation award \$15M to Prize milestone <[link](#)>

"Hibernating" Energy Storage Solves Seasonal Power Generation Problem <[link](#)>

California grid set record of 97% renewable power on April 3 <[link](#)>

Uncle Sam wants you ... to help launch geothermal energy pilot schemes <[link](#)>

Adding Rock Dust to Farmland Could Get UK Almost Halfway to Its Carbon Removal Goal <[link](#)>

'The sound of money': Wind energy is booming in deep-red Republican states <[link](#)>

### **Sat 23 Apr, 2022**

Benton County celebrates new solar project <[link](#)>

Startup Designs Prefab Facades That Turn Energy-Sucking Buildings Into Power Providers <[link](#)>

Climate Change Proposals Favored by Solid Majorities in U.S. <[link](#)>

Clean energy is buried at the bottom of abandoned oil wells. <[link](#)>

In a First, Wind Outdoes Coal, Nuclear Power. <[link](#)>

New Solar Shingles Get Rid of the Ugly, Complex Hassle That Can Be Part of Rooftop Solar <[link](#)>

'Green steel': Swedish company ships first batch made without using coal <[link](#)>

New York green lights massive renewable energy projects to cut fossil fuel reliance <[link](#)>

### **Sat 16 Apr, 2022**

The Global Sprint Away from Fossil Fuels <[Link](#)>

Algae blooms could be crucial to cutting the costs of carbon capture <[Link](#)>

A new heat engine with no moving parts is as efficient as a steam turbine <[Link](#)>

Solar energy can now be stored for up to 18 years, say scientists <[Link](#)>

Tribes secure DOE funding for renewable energy projects <[Link](#)>

\$46 Million Announced to Combat Impacts of Climate Change in Tribal Communities <[Link](#)>

Stingless Bees' Bring Life Back to the Amazon with Medicinal Honey and New Income <[Link](#)>

### **Sat 9 Apr, 2022**

Wind And Solar Generated a Record 10% of the World's Power in 2021 – Victory for Paris Agreement <[link](#)>

Large solar projects on the rise in Oregon <[Link](#)>

Nonprofit Protects More Than a Million Acres of Rainforest So Far This Year – All With Public Donations. <[link](#)>

Queensland Continues to Transfer Millions of Acres of Wilderness Back to Aborigines in Australia. <[link](#)>