

The electric grid is becoming increasingly digitized and connected, so maintaining cybersecurity is a top priority for the U.S. Department of Energy. This page explains what a cyber attack is and how hackers can attack solar power systems.



DERs and cybersecurity are hot topics at GridTECH Connect California, June 24-26, 2024, in Newport Beach, CA! GridTECH Connect Forum is the interconnection event, offering electric utilities, grid operators, project developers, policymakers, solutions providers, and advocates the unique opportunity to join forces and improve the critical issue of ???

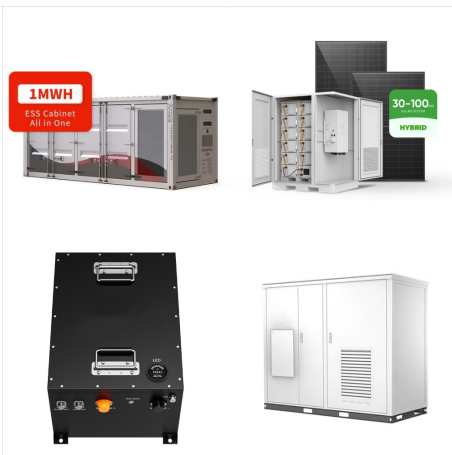


? State policies ??? like renewable portfolio standards, resource adequacy requirements, and transmission planning ??? create tailwinds for renewables even in the absence of federal incentives

# ATTACKS ON RENEWABLE ENERGY POLICIES



Map of State Renewable Portfolio Standards (RPS) with Solar or Distributed Generation Provisions (pdf)  
The Database of State Incentives for Renewables & Efficiency (DSIRE), operated by the N.C. Clean Energy Technology Center, is the most comprehensive source of information on incentives and policies that support renewable energy and energy ???

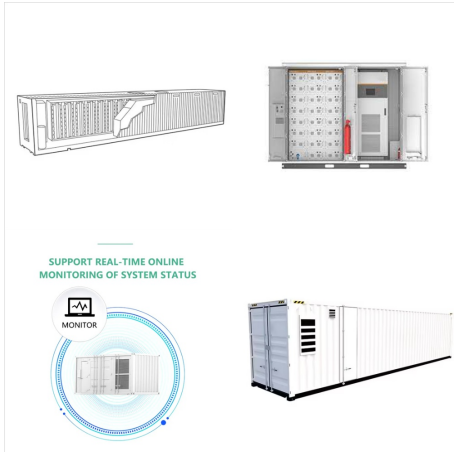


Renewable energy policies must focus on end-use sectors, not just power generation; The use of renewables for heating and cooling requires greater policy attention, including dedicated targets, technology mandates, financial ???



"Rocket fuel" for renewable energy, but hurdles remain. Nearly \$200 billion in tax credits at the center of the IRA aim to clean up the two biggest sources of U.S. greenhouse ???

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The Caesar Rodney Institute (CRI) is a Delaware-based affiliate of the State Policy Network (SPN), a 50-state network of think tanks that are frequently at the forefront of political attacks on renewable energy and funded by right-leaning donors and fossil fuel interests. David Stevenson is ???

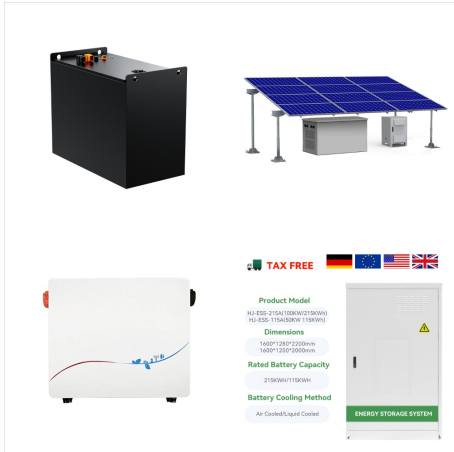


A battery is tested on a 2022 Toyota Mirai hydrogen-fuel cell car at Longo Toyota in El Monte, CA. With the increase of interconnected renewable energy forms and high-tech nature of green power



Date: Thursday, April 11, 2024 Contact: Interior\_Press@ios.doi.gov WASHINGTON ??? The Biden-Harris administration today announced a series of historic milestones and actions to promote responsible clean energy ???

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Renewable energy???wind, solar, geothermal, hydroelectric, and biomass???provides substantial benefits for our climate, our health, and our economy. neurological damage, heart attacks, cancer, premature death, ???



Renewable energy policies must focus on end-use sectors, not just power generation; The use of renewables for heating and cooling requires greater policy attention, including dedicated targets, technology mandates, financial incentives, generation ???



The report: "Attacks on Renewable Energy Policy by Fossil Fuel Interests 2013-2014". Farron Cousins is the executive editor of The Trial Lawyer magazine, and his writings have appeared in publications such as DesmogBlog, California's Information Press and Pensacola's Independent Weekly. He has also worked for the Ring of Fire radio program with hosts Robert ???

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But of course most people spend more money on electricity than on strawberries ENA (2020) ??? Renewable Power Generation Costs in 2019, International Renewable Energy Agency. IRENA (2020) ??? Renewable Power Generation Costs in 2019, International Renewable Energy Agency. In the following section we will look into their cost ???

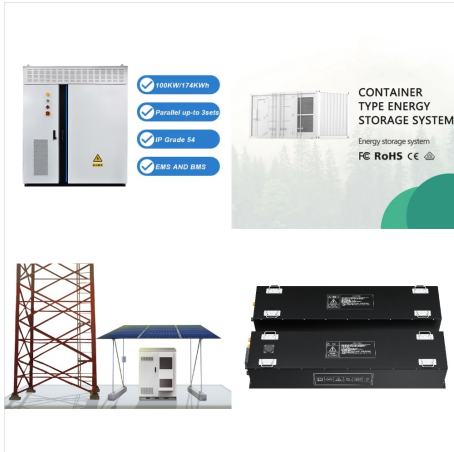


Fossil fuel-funded front groups repeatedly spread disinformation on renewable energy standard and net metering policies in an effort to overturn pro-clean energy laws in 2013 and 2014. worked to influence state level energy policies and attack the clean energy industry. These organizations are usually described in neutral, nondescript terms

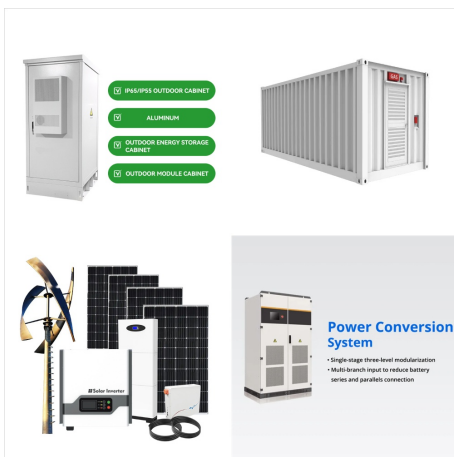


? Renewable energy sources like solar and wind are the fastest-growing segments on the power grid, according to the Department of Energy, driven by federal tax credits, state renewable energy

# ATTACKS ON RENEWABLE ENERGY POLICIES



Attacks on Renewable Energy Policies in 2015. Front groups, fossil fuel interests, and utility companies attacked net metering and renewable energy standards in states across the country in 2015, in an effort to delay the growth of competition in the marketplace.



These electric utilities are Goliaths. They are very politically influential, and they're very old. And the renewable energy industry is very small and nascent. Take a state like Ohio. We're talking a couple of percentage points. I think it's less than 3% of that state is coming from renewable energy sources.



In April 2022, a few months after the start of the Russia-Ukraine war, three wind-energy companies in Germany were hit with cyber-attacks that disabled thousands of digitally managed wind turbines. In one case, the company wasn't even the target but "collateral damage" after attackers took down the Ukrainian satellite system ViaSat.

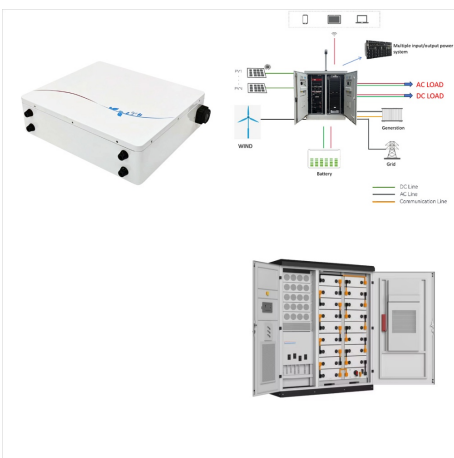
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Ukraine's energy system<sup>1</sup> has been regularly targeted by Russia since its full-scale invasion in 2022, with attacks intensifying since the spring of 2024. The targeting of energy infrastructure has had wide-ranging consequences for the provision of energy to ???

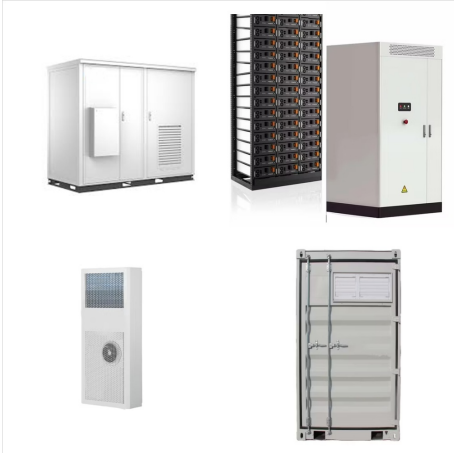


Renewables need to increase further and faster to bring about an energy transition that achieves climate targets, ensures energy access for all, reduces air pollution and improves energy security. These 20 recommendations provide guiding principles for policy making, based on best practices observed across IEA member states and partner countries.



Renewable Energy Policies for Cities: Power Sector is one of several briefs intended to help policy makers accelerate efforts to create sustainable cities powered by renewable energy. The series includes briefs focused on the transport and buildings sectors, and this one, on power. In addition,

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The release of the National Cybersecurity Strategy (NCS) is a major milestone in the journey toward a more secure, connected, and resilient future for all Americans. In the energy sector, we see an incredible transition taking place: a transition that involves new sources of generation such as wind and solar; new architectures and systems to operate electricity, oil, and natural gas ???



Date: Thursday, April 11, 2024 Contact: Interior\_Press@ios.doi.gov WASHINGTON ??? The Biden-Harris administration today announced a series of historic milestones and actions to promote responsible clean energy development on public lands and help achieve President Biden's goal of creating a carbon pollution-free power sector by 2035.. Secretary of the Interior Deb Haaland ???

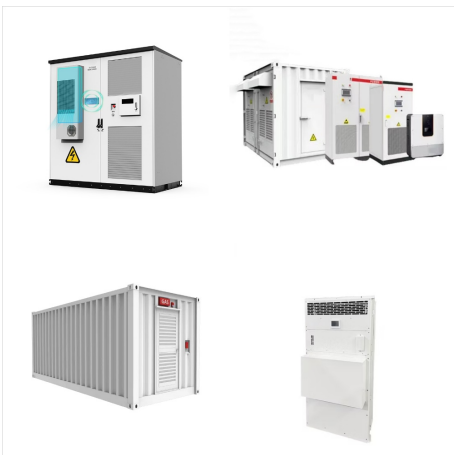


Recently, fossil fuel industry-funded attacks on renewable energy have grown, which makes me think they are beginning to feel the pressure from cleaner renewable energy with no fuel cost. Yin and Powers published a study in Energy Policy in 2009 called "Do state renewable portfolio standards promote in-state renewable generation" that

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Renewable Energy Policy Network for the 21st Century (REN21) have joined forces to produce a new publication, Renewable Energy Policies in a Time of Transition, in a first collaboration of this nature. This publication aims to provide policymakers with a ???



A March 5 cyberattack of U.S. wind and solar assets is back in the news, with fresh documents helping shed light not just on the extent, but also the simplicity of the first-of-its-kind intrusion.