



GREENER News

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The latest news, views, and announcements

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South Fork Wind Farm delivers power to grid in New York



Federal Funding Opportunities

The Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA) each have provided increased levels of funding to existing federal grant programs and created new programs for infrastructure projects and to spur economic growth in the USA.

Passed in 2021, the BIL invests \$550 Billion over five years into bridges, roads, mass transit, water infrastructure, resilience, and broadband access. Transportation projects, including roads, bridges, public transit, rail, ports, and airports are set to receive at least \$145 Billion. The programs seek to upgrade infrastructure while improving safety and resiliency. Infrastructure includes new vehicles and equipment that significantly reduce emissions.

The IRA passed in 2022 is designed to curb inflation by reducing the federal budget deficit, lowering prescription drug prices, and investing in domestic energy production while promoting clean energy. To date, \$35.7 Billion has been announced in grants, rebates, and other incentives to accelerate clean energy adoption and deployment.

If you are looking to take advantage of federal funding opportunities, we can help you identify the right grant program and submit a winning application.

Contact us:

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Climate News

The United Nations Climate Change Conference is currently taking place in Dubai, United Arab Emirates, from November 30 to December 12, 2023. This is the twenty-eighth meeting of the member states of the UN Framework Convention on Climate Change (UNFCCC).

In addition to the member states of the UNFCCC, COP28 attracts business leaders, young people, climate scientists, journalists and other experts and stakeholders to the meetings. The four themes of programming presented at the conference are Technology & Innovation (at the heart of all programming), Inclusion, Frontline Communities, and Finance.

COP28 is committed to fostering a more inclusive process as it looks to the next generation who will be most impacted by climate change and will be true beneficiaries of the investments in the low carbon economy. The energy transition requires commitments not just from government entities but private business, workers, communities, and supply chains. All will be impacted and need a seat at the table.

A second theme of significant importance is ensuring financial resources are available to realize the energy transition. Discussion will be vital around developing funding opportunities to meet the needs of all communities. The financial aspects are intertwined with the climate transition and the need for adaptation.

Technology & Innovation will help drive the energy transition. UNFCCC believes that the climate transition will require a transformation greater than experienced during the industrial revolution. Innovators from around the world will need a seat at the table to provide inciteful alternatives and innovative designs.

At COP28, USA and Canada announced they are creating a Rail Decarbonization Task Force to coordinate strategies for achieving the transition to zero-emission technologies for locomotives and reduce rail sector emissions.

Project Spotlight

On December 6, 2023, the first operational wind turbine at South Fork Wind about thirty-five miles off Montauk, Long Island, New York delivered clean power to the grid.

When the project is completed, twelve wind turbines will deliver 130 megawatts to Long Island Power Authority for use on the grid. The energy generated will power approximately 70,000 homes in New York.

The use of wind to generate power is estimated to eliminate up to six million tons of carbon emissions over 25 years. This is the equivalent of removing 60,000 cars from the roads annually.

This project is a joint venture between Boston-based Eversource, an energy provider, and Orsted, a Danish renewables enterprise. The project is expected to be completed in 2024.

The Biden administration has committed to helping produce thirty gigawatts of power from offshore wind by 2030. New York has committed to several additional wind farms like South Fork Wind that would deliver up to 9 gigawatts of electricity and power up to 450,000 homes.

Follow this [link](#) to see the turbine in action.

