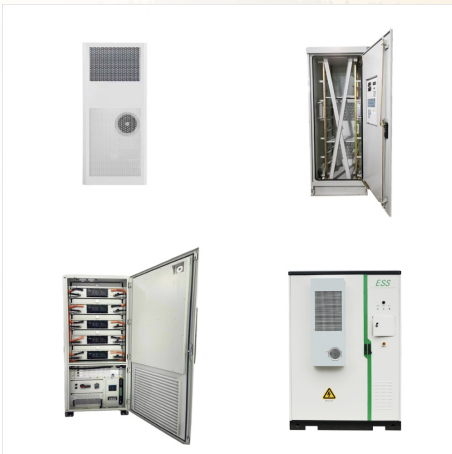




Most renewable energy resources have significantly lower environmental and climate impacts than their fossil fuel counterparts. The data in these Fast Facts do not reflect two important renewable energy resources: traditional biomass, which is widespread but difficult to measure; and energy efficiency, a critical strategy for reducing energy



For example, Hurricane Sandy damaged fossil fuel-dominated electric generation and distribution systems in New York and New Jersey and left millions of people without power. In contrast, renewable energy projects in the Northeast weathered Hurricane Sandy with minimal damage or disruption .

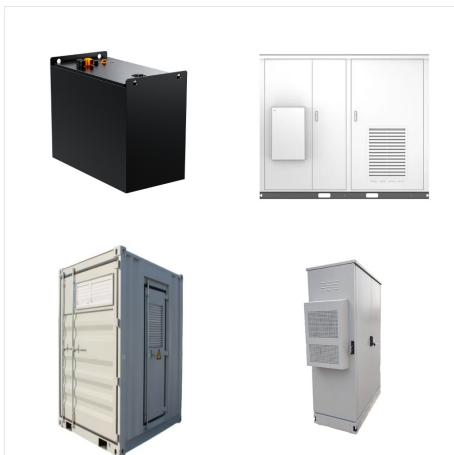


Differences among Republicans by ideology, age over views about fossil fuels and prioritizing renewable energy sources. Views among Republicans about these issues are far from uniform. Conservative Republicans are far more likely than moderate or liberal Republicans to support expanding fossil fuel energy sources.

IS FOSSIL FUEL A RENEWABLE ENERGY



Renewable energy in developing countries is an increasingly used alternative to fossil fuel energy, as these countries scale up their energy supplies and address energy poverty. Renewable energy technology was once seen as unaffordable ???

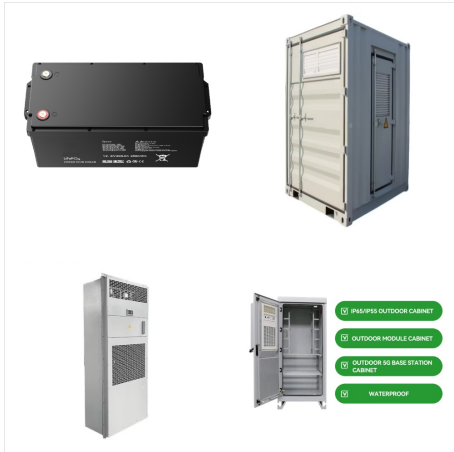


Renewable energy, usable energy derived from replenishable sources such as the Sun (solar energy), wind (wind power), rivers (hydroelectric power), hot springs (geothermal energy), tides (tidal power), and biomass (biofuels). Several forms have become price competitive with energy derived from fossil fuels.



Fossil fuels still account for more than 80 percent of global energy production, but cleaner sources of energy are gaining ground. About 29 percent of electricity currently comes from renewable

IS FOSSIL FUEL A RENEWABLE ENERGY



Conventional power plants and four of the five leading renewable energy options all rely on turning turbines to produce electricity. Burning fossil fuels heats water or steam, which drives turbines. Generators can do the same by burning biomass, plants that have recently pulled carbon dioxide from the air through photosynthesis.



Shifting subsidies from fossil fuels to renewable energy not only cuts emissions, it also contributes to the sustainable economic growth, job creation, better public health and more equality

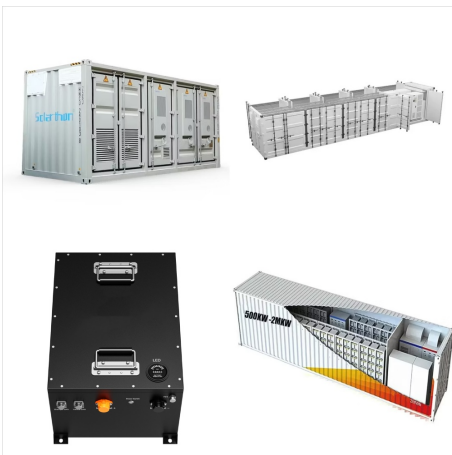


We urgently need to shift away from fossil fuels and transition to clean, renewable energy sources to prevent the most severe impacts of the global climate crisis. There is some good news ??? for example, as highlighted by UN Secretary-General Ant?nio Guterres, renewable energy technologies (like wind and solar) already exist and, in most

IS FOSSIL FUEL A RENEWABLE ENERGY



Fast Facts About Fossil Fuels. Principal Energy Uses: Electricity, Heat, Transportation Form of Energy: Chemical The three fossil fuels are oil, natural gas, and coal. Fossil fuels are hydrocarbons formed from deeply-buried, dead organic material subject to high temperature and pressure for hundreds of millions of years. They are a depletable, non-renewable energy ???

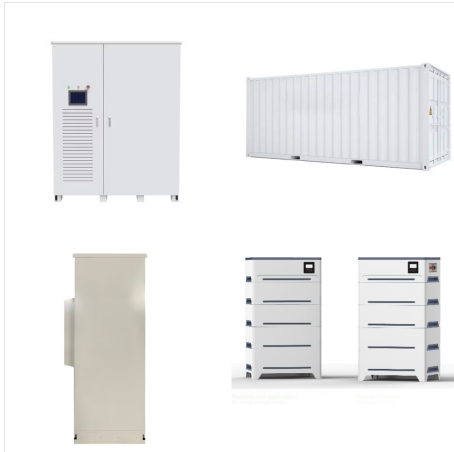


Fossil fuels are the dirtiest and most dangerous energy sources, while nuclear and modern renewable energy sources are vastly safer and cleaner. The key insight is that they are all much, much safer than fossil ???



While fossil fuels remain the primary energy source for Americans, renewable energy sources have provided an increasing amount of energy in recent decades. Energy is measured in large numbers. The standardized measurement for energy is the British thermal unit or BTU. The BTU is a relatively small unit of measurement.

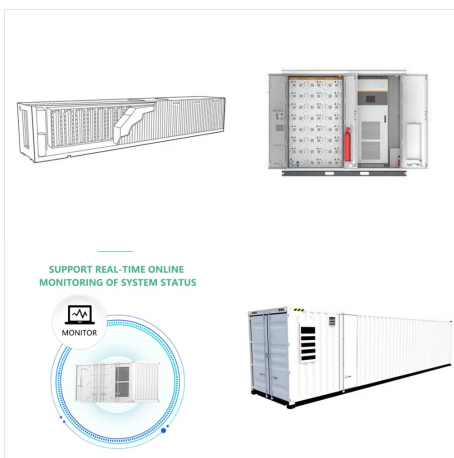
IS FOSSIL FUEL A RENEWABLE ENERGY



Renewable energy in developing countries is an increasingly used alternative to fossil fuel energy, as these countries scale up their energy supplies and address energy poverty. Renewable energy technology was once seen as unaffordable for developing countries. [194]



Many Republicans favor nuclear energy above all other non-fossil fuel energy sources, while some Democratic lawmakers like Senators Bernie Sanders and Elizabeth Warren have called to phase out



Fossil fuels are the dirtiest and most dangerous energy sources, while nuclear and modern renewable energy sources are vastly safer and cleaner. The key insight is that they are all much, much safer than fossil fuels. Nuclear energy, for example, results in 99.9% fewer deaths than brown coal; 99.8% fewer than coal; 99.7% fewer than oil; and

IS FOSSIL FUEL A RENEWABLE ENERGY



Three-quarters of global greenhouse gas emissions result from the burning of fossil fuels for energy. Fossil fuels are responsible for large amounts of local air pollution ??? a health problem that leads to at least 5 million premature deaths each year.



Major sources of renewable energy include solar, wind, hydroelectric, tidal, geothermal and biomass energy, which is derived from burning plant or animal matter and waste. Switching our reliance on fossil fuels to renewable energy sources that produce lower or no greenhouse gas emissions is critically important in tackling the climate crisis.

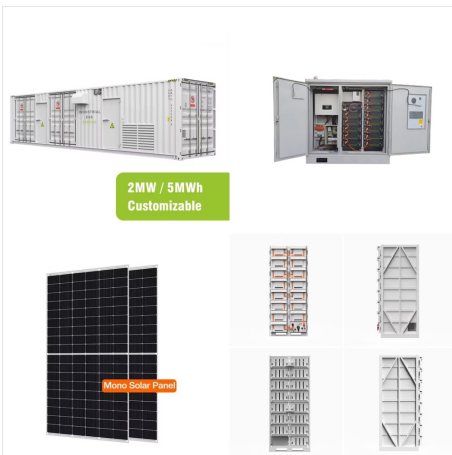


Fossil-fueled power plants emit air pollutants such as sulfur dioxide, particulate matter, nitrogen oxides, and toxic chemicals (heavy metals: mercury, chromium, and arsenic), and mobile sources, such as fossil-fueled vehicles, emit nitrogen oxides, carbon monoxide, and particulate matter.

IS FOSSIL FUEL A RENEWABLE ENERGY



A fossil fuel [a] is a carbon compound- or hydrocarbon-containing material [2] In contrast, modern renewable energy sources appear to be safer for human health and cleaner. The death rates from accidents and air pollution in the EU are as ???



Many Republicans favor nuclear energy above all other non-fossil fuel energy sources, while some Democratic lawmakers like Senators Bernie Sanders and Elizabeth Warren have called to phase out



From a technological perspective, the energy transition seems to be equated with transitioning entirely from fossil fuels to renewable energy sources through novel technologies. While this is an ideal scenario for the betterment of the planet, the reality could involve drastically reducing fossil fuels and significantly increasing renewable fuels.