

Solar Energy vs Fossil Fuels (vsdiff.com)

Solar Energy	Feature	Fossil Fuels
Renewable and infinite as long as the sun exists.	Availability	Finite resources such as coal, oil, and natural gas that will eventually run out.
Produces clean energy with zero carbon emissions.	Environmental Impact	Major contributor to greenhouse gases and climate change.
High initial installation cost but minimal long-term expenses.	Cost	Lower upfront costs but higher long-term expenses due to fuel extraction and pollution management.
Dependent on weather and sunlight availability.	Reliability	Provides stable energy output, not weather-dependent.
Requires large land areas for solar farms.	Space Requirement	Requires mining, drilling, and refineries, which damage ecosystems.
Sustainable choice for a carbon-free future.	Long-Term Impact	Short-term energy security but unsustainable in the long run.

Source: <https://vsdiff.com/solar-energy-vs-fossil-fuels/>