

Renewables in Three Formats...from WSJ and the New Yorker.

From...**WSJ**, Green Hydrogen Is Cheaper Than LNG in Europe

Gas prices will fall eventually, but the European energy crisis has permanently improved prospects for the clean-burning fuel

By [Rochelle Toplensky](#)

July 20, 2022 6:22 am ET

<https://www.wsj.com/articles/green-hydrogen-is-cheaper-than-lng-in-europe-11658312552>

From...**WSJ**, BlackRock Is Buying Renewable Natural Gas Producer for \$700 Million

Massachusetts-based Vanguard Renewables works with dairy farmers and food companies to convert food waste and cow manure into an energy source

By [Amrith Ramkumar](#)

Follow

July 20, 2022 6:00 am ET

<https://www.wsj.com/articles/blackrock-is-buying-renewable-natural-gas-producer-for-700-million-11658311201>

FROM...**The New Yorker**, April 25 & May 2, 2022

[Annals of Innovation](#)

The Renewable-Energy Revolution Will Need Renewable Storage

POTENTIAL ENERGY

To Maximize Renewable energy we'll need a new technology: renewable storage

CT.org finds this idea fascinating; maybe not new to you, but to me it is revolutionary. Think about what Einstein told us...mass is energy, potential energy. The trick is to turn potential energy into kinetic energy that can work for us.

- **Think hydroelectric power:** Water in a river flows through a dam, turns a turbine that generates power. Viola, the potential energy of the river was turned into kinetic energy in the form of electricity.
- **Think gravity:** Gravity can draw heavy objects earthward, creating motion that can drive a turbine and generate electricity. The problem is that the energy required to elevate a heavy object exceeds the amount of energy generated when it falls. The solution is genius. Use renewable energy sources to lift heavy objects into position so when called upon, the potential energy in the elevated object can be released to create kinetic energy for our use. The net energy loss still exists, but part of the energy used to create the potential energy is “free” and “green”.
- **Think any fuel:** Coal, uranium, oil, gas are all found in the form of potential energy. We process these fuels to create kinetic energy that is useful, Consider the other “sinks” of potential energy. Trees come to mind but burning wood is not useful, at scale. Think about anything that can turn a turbine when converted to another form. Tides, wind,

LINK: <https://www.newyorker.com/magazine/2022/04/25>



Can gravity, pressure, and other elemental forces save us from becoming a battery-powered civilization?
By [Matthew Hutson](#)