

This database contains a record of every company that has ever been mentioned across Thunder Said Energy's energy transition research, as a useful reference for TSE's clients. The database summarizes over 3,000 mentions of 1,400 energy transition companies, their size, focus and a summary of our key conclusions, plus links to further research.

The goal of research is neither to cheerlead for what you want to happen, or to whine about what you don't want to happen should be to predict what will happen. Even when you don't like the predictions. Hence every December we have attempted to distil our research from the previous year, into a Roadmap to Net Zero, which suggests the most likely trajectory ...

Included in the file are different oil products, gas markers, coal, wood, nuclear, biofuels, methanol, hydrogen, CO₂-EOR products and the US electricity grid for comparison.. Good rules of thumb are that \$60/ton coal equates to thermal energy at 1c/kWh-th, while emitting over 600 kg/boe of CO₂ intensity; while \$3/mcf gas also equates to thermal energy at 1c/kWh, while CO₂ intensity ...

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Thunder Said Energy is a research firm focused on the energy transition. Our work looks for economic opportunities, which can drive the world towards net zero; across new energies, conventional energy, utilities, capital goods, mining, materials, energy services, semi-conductors, "new technologies" and ESG.

This is a simple model calculating the economics of a typical rooftop solar water heater, which can save around 1T of CO₂ per household per year and lower water heating bills by 50-80%.. Economics are more challenging, due to high upfront capital costs, which are quantified in the data-file. Under our base case estimates, it would require a CO₂ price of around \$130/ton, to ...

Thunder Said Energy is a research firm focused on energy technologies and energy transition. We publish research reports, data, economic models and patent screens into opportunities that can meet the energy needs of the world, while removing all of the net CO₂.

What if it were possible to displace diesel from high-cost, high-carbon "island" electricity grids, by charging up large batteries with gas- and renewable power, then shipping the batteries?. This model assesses the relative economics and relative CO₂ emissions of such a possibility. The model is sensitive to oil prices, battery prices, hurdle rates and alternative power prices.



Thunder said energy Solomon Islands

Global uranium enrichment by country, by company and by facility are estimated in this data-file, covering the 155M lbs pa uranium market. The data-file includes a build-up of enrichment facilities (ranked by SWU capacity), notes on each enrichment company and an attempt to map the world's uranium production to where it is enriched and ultimately consumed.

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This week our guest is Rob West, founder and CEO of Thunder Said Energy. Founded in 2019, the firm aims to help decision-makers find economic opportunities in the energy transition . Rob lives nine time zones away in Estonia and is an uber-productive energy expert, covering a wide range of topics in his consultancy.

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Asian Development Bank Supplying \$15M to aid Solomon Islands" Shift from Diesel to Renewables Sept. 17, 2024 The project will finance new solar farms in Guadalcanal and Malaita province, along with a utility-scale grid-connected energy storage system in Honiara.

This data-file provides an overview of energy economics, across 175 different economic models constructed by Thunder Said Energy, in order to put numbers in context. This helps to compare marginal costs, capex costs, energy intensity, interest rate sensitivity, and other key parameters that matter in the energy transition.

Web: <https://phethulwazi.co.za>

