



Energy

ASX Renewable Energy Stocks: Twiggy embarks on green hydrogen venture with NZ's largest gas network

7 hours ago | [Jessica Cummins](#)

SHARE    

- FFI and New Zealand's largest gas network collaborate on green hydrogen projects
- Frontier Energy sets out on 'Hydrogen Highway' strategy
- Evolution Energy Minerals signs MOU with Chinese graphite products specialist

Twiggy Forrest's Fortescue Future Industries, the green arm of mining giant **Fortescue Metals Group (ASX:FMG)**, is setting out on a new venture with New Zealand's largest gas network, Firstgas Group to develop green-hydrogen projects and decarbonise New Zealand's energy system.

A non-binding Memorandum of Understanding has been signed by the two entities to identify opportunities to produce and distribute green hydrogen across New Zealand.

The move comes after Firstgas announced its plans to transition from natural gas to hydrogen, meaning from 2030 it plans to blend hydrogen into the North Island's natural gas network with conversion to a 100pc hydrogen grid by 2050.

Feasibility studies to assess the technical, commercial, and operational parameters of opportunities will be undertaken by the two companies, potentially leading to the development of projects.

FFI CEO Julie Shuttleworth said green hydrogen and its use in New Zealand will provide energy security, create local jobs and enable decarbonisation of local industry.

Firstgas Group chief executive Paul Goodeve said working with Fortescue marks an important step in its development and scale-up of renewable fuels.

"Integrating green hydrogen into NZ's current energy mix gives our country the best available balance of energy security, energy equity, system resilience and environmental sustainability," he said.

Fortescue Metals (ASX:FMG) share price today

FMG Fortescue Metals Group Ltd			
Mkt Price \$21.65	High \$21.715	Open \$21.40	Volume 3,545,279
+0.02 +0.1% 6:59 pm	Low \$21.25	Prev. Close \$21.63	Turnover \$76,381,633

[1 mth](#)
[3 mths](#)
[1 yr](#)
[2 yrs](#)
[5 yrs](#)
[10 yrs](#)

Share prices and news by [StockNessMonster](#)
 Prices and news delayed by 20 minutes

ASX RENEWABLE ENERGY NEWS

Frontier Energy (ASX:FHE)

Frontier Energy says it making headway on plans to roll out a 'Hydrogen Highway' across WA.

Fronted by former [Vimy Resources \(ASX:VMY\)](#) boss Mike Young, FHE is looking to build a hydrogen refuelling station in Perth after placing an order with ENGV who will work with IVYS Inc and PDC Machines Inc in partnership to deliver the project.

It will be the first of its kind in the state and is set for completion by 2023.

In a market announcement this morning, FHE said its first hydrogen refuelling station will be a compact, on-site hydrogen station integrating an electrolyser, compression, storage and dispensing sub-systems to support a fleet of hydrogen vehicles.

The system will be capable of delivering 20 kg/day of green hydrogen at 700 bar pressure for fast-fill refuelling adhering to SAE Protocols.

Fuelling will take under 3 minutes to completely fill up a 5kg tank from empty.

Frontier Energy (ASX:FHE) share price today

FHE Frontier Energy Ltd			
Mkt Price \$0.32	High \$0.345	Open \$0.32	Volume 574,840
0.00 0 6:59 pm	Low \$0.31	Prev. Close \$0.32	Turnover \$184,403

1 mth 3 mths 1 yr 2 yrs 5 yrs 10 yrs

Share prices and news by [StockNessMonster](#)
Prices and news delayed by 20 minutes

Evolution Energy Minerals (ASX:EV1)

EV1 has signed a strategically significant memorandum of understanding (MOU) with Chinese graphite products specialist Yichang Xincheng Graphite Co Ltd for coarse flake offtake and downstream value-addition into high-value products.

YXGC is the leading global producer of high value expandable graphite and graphite foil for the electronics industry, with their products including graphite foil used in mobile phones, tablets and TV screens and they are presently leading the production of graphite foil currently being used in the production of green hydrogen.

For Evolution, the MOU is a platform from which the company can advance its coarse flake dual focus graphite strategy – initially selling flake graphite concentrate from the Chilalo Graphite Project in Tanzania directly to YXGC and establishing a value-accretive downstream manufacturing facility in Europe.

Evolution managing director Phil Hoskins said what really excites the company is this second phase, advancing Evolution’s unique strategy to target a diverse set of downstream products.

“The company will set out the planned production and target comments upon commencement of a feasibility study and the finalisation of the JV agreement,” he said.

Evolution Energy Minerals (ASX:EV1) share price today

EV1 Evolution Energy Minerals Ltd			
Mkt Price \$0.545	High \$0.565	Open \$0.54	Volume 967,714
+0.03 +5.8% 6:59 pm	Low \$0.53	Prev. Close \$0.515	Turnover \$532,999

1 mth 3 mths 1 yr 2 yrs 5 yrs 10 yrs

Share prices and news by [StockNessMonster](#)
Prices and news delayed by 20 minutes

- Subscribe to our **daily newsletter**
- Join our small cap **Facebook group**
- Follow us on **Facebook** or **Twitter**

READ MORE

[GRAPHITE](#)

[RENEWABLE ENERGY](#)

[RENEWABLE ENERGY STOCKS](#)

Featured Companies

ASX: FHE

Frontier Energy

ASX: EV1

Evolution Energy Minerals

ASX: FMG

Fortescue Metals Group

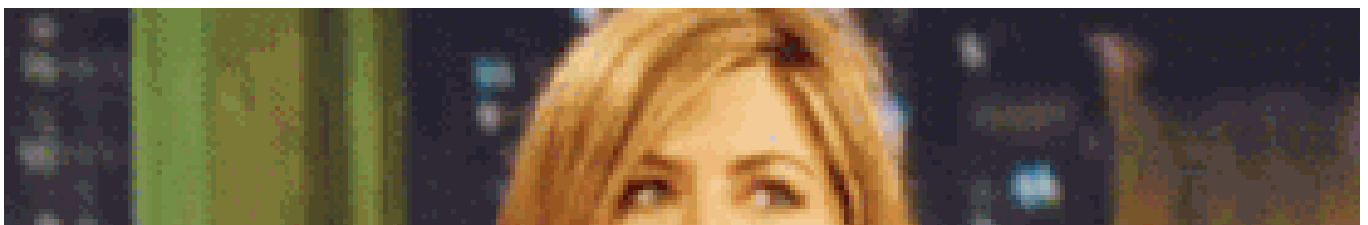
You might be interested in



Energy

ASX Renewable Energy Stocks: Greens' climate policy matches urgency of climate crisis

April 29, 2022 | [Jessica Cummins](#)

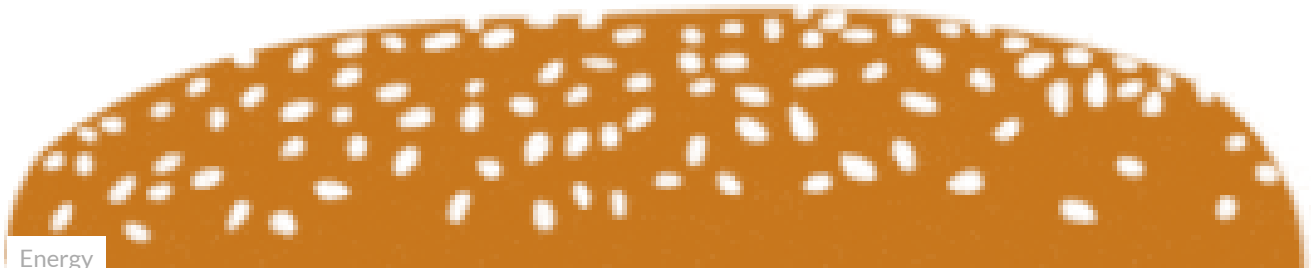




Energy

ASX Renewable Energy Stocks: Vulcan signs 20-year deal to supply renewable, zero carbon heat

April 7, 2022 | [Jessica Cummins](#)



Energy

Emission Control: Renewable energy gets... a nothing burger under Federal Budget 2022

April 1, 2022 | [Jessica Cummins](#)

ADVERTISEMENT

Featured Articles

Get the latest stock news and insights straight to your inbox.

It's free. Unsubscribe whenever your want.

SUBSCRIBE

Read our [privacy policy](#).

Editor's Picks

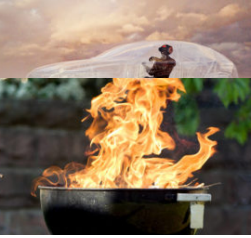


Selloff in ASX gold stocks 'a buying opportunity', these experts say. Here are 5 stocks on the radar



Confessions of a Day Trader: What's the inflation mystery bag got in store?

From lemonade to Li-ion and beyond - where to next for lithium?



GOT GAS: Why concerns about Australian gas prices are overcooked



The Ethical Investor: Here's the multibillion ESG sector that will boom, according to Environmental Group's Jason Dixon

[ABOUT US](#)

[MEET THE TEAM](#)

[STOCKS](#)

[CONTACT US](#)

[ADVERTISE](#)

Stockhead is providing factual information where there is a reasonable likelihood of doubt.
The information is not intended to imply any recommendation or opinion about a financial product.

[Terms of use](#)

[Privacy Policy](#)

Copyright 2022