

## European Solar and Energy Storage Solutions

# Lithuania optimera energy



## Overview

---

Lithuania is a net energy importer. In 2019 Lithuania used around 11.4 TWh of electricity after producing just 3.6 TWh. Systematic diversification of energy imports and resources is Lithuania's key energy strategy. Long-term aims were defined in the National Energy Independence strategy in 2012 by Lietuvos Seimas. It was estimated that stra.

Is Lithuania a net energy importer?

Lithuania is a net energy importer. In 2019 Lithuania used around 11.4 TWh of electricity after producing just 3.6 TWh. Systematic diversification of energy imports and resources is Lithuania's key energy strategy. Long-term aims were defined in the National Energy Independence strategy in 2012 by Lietuvos Seimas.

Which natural gas companies are in Lithuania?

Natural gas companies in Lithuania include Lietuvos Dujos and Ignitis. In 2021 Lithuania used coal to generate 2% of the country's electricity. Renewable energy includes wind, solar, biomass and geothermal energy sources.

Will Lithuania achieve a climate-neutral energy sector?

Lithuania closed the Ignalina Nuclear Power Plant in 2009 and currently operates synchronously with the Russia-Belarus power system, though a de-synch is planned in early 2025. To achieve a climate-neutral energy sector, Lithuania will have to more than triple the amount of renewable energy generated.

Which power plant provides energy storage in Lithuania?

Kruonis Pumped Storage Plant provides energy storage, averaging electrical demand throughout the day. The pumped storage plant has a capacity of 900 MW (4 units, 225 MW each). Kaunas Hydroelectric Power Plant has 100 MW of capacity and supplies about 3% of the electrical demand in Lithuania.

Can Lithuania achieve climate neutrality in 2050?

Lithuania has made impressive headway in its clean energy transition in recent years but needs to take action in several key areas to accelerate progress towards its goal of climate neutrality in 2050, according to a new policy review by the International Energy Agency.

Should Lithuania join the IEA?

Lithuania is seeking membership of the IEA, which conducted the in-depth review of the country's energy policies as part of the accession process. The review found that Lithuania has strengthened its energy policies over recent years.

## Lithuania optimera energy

---



### FG Inaugurates Optimera Energy's 25mmscuf/d Gas Distribution

FG Inaugurates Optimera Energy's 25mmscuf/d Gas Distribution Infrastructure at Lagos Free Zone Company signs 20-year gas infrastructure development agreement with host community 2024-01-10 - Peter Uzoho The Minister of State for Petroleum Resources (Gas), Hon. Ekperikpe Ekpo and the Special Adviser to the President on Energy, Mrs. Olu

### Falcon Corporation, ND Western & FHN Consortium Sign Gas ...

A consortium of Falcon Corporation, ND Western Midstream Limited & FHN Gas Limited, has been selected to build exclusively, own, and operate a Natural Gas distribution infrastructure network



### Lithuania

Lithuania also halted all import of Russian electricity in May 2022, after the main Russian provider, Inter RAO, was suspended from trading on the Nord Pool power exchange. The energy sector is particularly important to the Lithuanian economy, and energy security is a strategic priority for the government.

### ND Western, Optimera Energy

## Signs 20-year Gas Infrastructure

ND Western, one of Nigeria's leading energy brands, has showcased its gas-to-power commitment and push to harness Africa's natural gas for industrialisation through its affiliation with Optimera Energy LFZ Enterprise's 20-year Gas Infrastructure Development Agreement in partnership with Lagos Free Zone. The project by Optimera Energy. which is ...



## Energy in Lithuania

Lithuania is a net energy importer. In 2019 Lithuania used around 11.4 TWh of electricity after producing just 3.6 TWh. Systematic diversification of energy imports and resources is Lithuania's key energy strategy. Long-term aims were defined in the National Energy Independence strategy in 2012 by Lietuvos Seimas. It was estimated that stra...

## The Lithuania 100% Renewable Energy Study

o Results show that Lithuania has sufficient renewable energy potential, flexible generation capacity, and interconnection with neighboring European Union countries to reliably meet projected 2030 electricity demand with 100% renewable energy. o A range of scenarios were modeled, each of which achieves at least 100% renewable energy in



## The Lithuania 100% Renewable Energy Study

The Lithuania 100% Renewable Energy Study, which was announced by NREL Director Martin Keller and former Lithuanian Energy Agency



Director Virgilijus Poderys on Oct. 31, 2022, will evaluate a range of future scenarios and equip decision makers in Lithuania with answers to many critical energy transition questions.

## The Lithuania 100% Renewable Energy Study

To achieve a climate-neutral energy sector, Lithuania will have to more than triple the amount of renewable energy generated. The Lithuania 100% Renewable Energy Study, which was announced by NREL Director Martin Keller and former Lithuanian Energy Agency Director Virgilijus Poderys on Oct. 31, 2022, will evaluate a range of future scenarios



## National Energy Independence Strategy: an energy independent ...

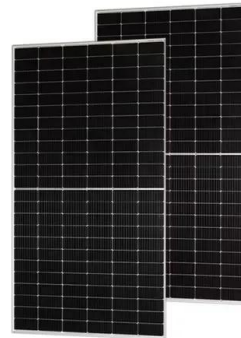
The Strategy has 4 main objectives - to ensure a secure and reliable supply of energy to all consumers, to achieve 100% climate-neutral energy for Lithuania and the region, to transition to an electricity economy and develop a high value-added energy industry, as well as to ensure the accessibility of energy resources for consumers.



## The Lithuania 100% Renewable Energy Study

The Lithuania 100% Renewable Energy Study,

which was announced by NREL Director Martin Keller and former Lithuanian Energy Agency Director Virgilijus Poderys on Oct. 31, 2022, will evaluate a range of future scenarios and equip ...



## Energy in Lithuania

Lithuania is a net energy importer. In 2019 Lithuania used around 11.4 TWh of electricity after producing just 3.6 TWh. [1] Systematic diversification of energy imports and resources is Lithuania's key energy strategy. [2] Long-term aims were defined in the National Energy Independence strategy in 2012 by Lietuvos Seimas. [3]

## Optimera Energy LFZE , The Consortium

Optimera Energy LFZE, is a special purpose vehicle owned by Falcon Corporation Limited, FHN Gas Limited, and ND Western Midstream Limited. The Consortium members bring a combined 50+ years wealth of experience and expertise in operating across the natural gas value chain from upstream production in the Niger-Delta to downstream distribution to industries in Lagos.



## FG Inaugurates Optimera Energy's Gas Infrastructure in Lagos

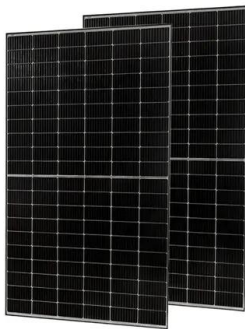
Optimera Energy's deal is a signed 20-year gas infrastructure development agreement with LFZ



for gas distribution. The project is scheduled for completion and inauguration by the last quarter of 2024. Yesterday, the Minister of State for Petroleum Resources (Gas), Hon. Ekperikpe Ekpo and the Special Adviser to the President on Energy, Mrs Olu

## LITHUANIA

be needed for understanding how Lithuania intends to achieve its non-ETS GHG reduction target by 2030. The proposed share of 45% of energy from renewable sources in gross final energy consumption in 2030 is a contribution to the EU renewable energy target for 2030 that is significantly above the share of 34% in



## Ekperikpe Ekpo Commends Optimera Energy for Advancing Gas ...

Managing Director of Optimera Energy, Mrs. Audrey Joe-Ezigbo, detailed the project's scope, including distribution lines, a gas pipeline, and a 20-year Gas Infrastructure Development Agreement (GIDA) with the Lagos Free Zone Company (LFZC). She expressed excitement about contributing to Nigeria's infrastructural development aligned with the

## National Energy Independence Strategy: an energy ...

The Strategy has 4 main objectives - to ensure a secure and reliable supply of energy to all consumers, to achieve 100% climate-neutral energy for Lithuania and the region, to transition

to an electricity economy and ...



## Optimera Energy constructs gas facilities in Lagos Free Zone

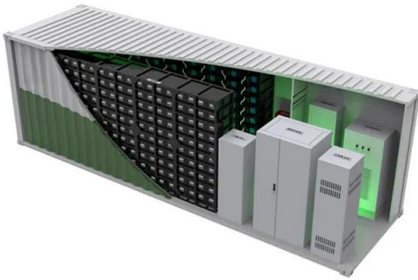
Optimera Energy LFZ Enterprise has flagged off the construction of infrastructure at the Lagos Free Zone to distribute natural gas to companies operating within the zone. Speaking during the groundbreaking ceremony held at the zone on Tuesday, the Managing Director of Optimera Energy, Mrs Audrey Joe-Ezigbo, disclosed that the infrastructure

## Optimera Energy Gas Project's Devt Shared Vision For Thriving ...

+ What the Managing Director of Optimera Energy, Mrs. Audrey Joe-Ezigbo; and Chief Executive Officer of Lagos Free Zone Company, Mr. Dinesh Rathi; said at the groundbreaking ceremony Minister of state for Petroleum Resources (Gas), Hon. Ekperikpe Ekpo, has described the construction flagoff of Optimera Energy Gas asset in...



## Optimera Energy Flags Off Construction of 100msc/f Per Day Gas



Speaking during the groundbreaking ceremony held at the zone on January 9, 2024, the Managing Director of Optimera Energy, Mrs. Audrey Joe-Ezigbo, disclosed that the infrastructure is comprised of a 25MMScf/D City Gate Station, scalable to 100MMScf/D, together with necessary ancillary infrastructure which includes 10km distribution lines within the zone ...

## Lithuania 2021 Energy Policy Review

Lithuania will need to make energy efficiency a priority, design a strong renewable strategy, and reform energy taxes to underpin its ambitious targets. This kind of clean energy leadership can drive emissions reductions up to 2050 this report, the IEA provides energy policy recommendations to help Lithuania accelerate its energy transition



## Lithuania

Lithuania's Law on Energy from Renewable Sources sets energy targets to be achieved by 2020 such as 20% of gross annual energy consumption and 60% of district heating generated by renewables and a target of 20% renewable energy in the transport sector

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.ssab-proiect.eu>