

Energy Interconnection in Israel



Overview

The Great Sea Interconnector (GSI), formerly known as the EuroAsia Interconnector is a planned HVDC interconnector between the Greek, Cypriot, and Israeli power grids via the world's longest submarine power cable, with a length of 310 kilometres (190 mi) from Israel to. The Great Sea Interconnector (GSI), formerly known as the EuroAsia Interconnector is a planned HVDC interconnector between the Greek, Cypriot, and Israeli power grids via the world's longest submarine power cable, with a length of 310 kilometres (190 mi) from Israel to. The Director General of the Ministry of Energy and Infrastructure, Yossi Dayan, and the Deputy Director General of Planning, Policy, and Strategy at the Ministry of Energy and Infrastructure, Sharon Hazor, took part in a delegation led by Israel's Ambassador to the United States, Yechiel Leiter. The Israeli Ministry of Energy promotes efficient, economical and environmentally friendly energy: promoting reforms, developing infrastructure, investing heavily in R&D in the fields of conventional and renewable energy and many more. The purpose of this booklet is to explain and the structure of. The full report includes background chapters on energy security and resilience, cross-border electricity trade, developments in Israel's energy sector, regional energy transitions in the Middle East, as well as annexes with theoretical foundations, comparative examples, and reference materials. 2 million people are expected to live in Israel (in comparison to 9. Israel's domestic energy demand will increase significantly in coming years as Israel has announced plans to move to lower emission sources for power generation and. Most energy in Israel comes from fossil fuels. Total primary energy consumption was 304 TWh (1.



Article Content

Cyprus-Israel grid link gains momentum as part of IMEC

Underscoring growing momentum for the Cyprus-Israel link, Cypriot President Nikos Christodoulides and Israeli Prime Minister Benjamin Netanyahu met in Jerusalem last week,

Greece-Cyprus-Israel Electrical Interconnection Signals

The Greece-Cyprus-Israel electrical interconnection promises to position Cyprus as a major energy hub in the Mediterranean. Facilitated by cross

HISTORIC ENERGY MOVE: Judea And Samaria To Be Connected

A major energy milestone was reached Monday for Judea and Samaria after the head of Central Command signed an order establishing the legal and regulatory framework needed to

OPC Energy Reports Strong First Quarter 2026 Financial Results

Giora Almogy, Chief Executive Officer of OPC Energy Ltd., commented: "We delivered strong first quarter 2026 results, reflecting continued business momentum across both of our core

EuroAsia Interconnector Project, Greece-Cyprus-Israel

EuroAsia Interconnector is a high-voltage direct current (HVDC) subsea cable system to connect the electricity grids of Israel, Cyprus, and Greece.

Cyprus-Israel to Sign Electricity Interconnection Agreement Under

Cyprus and Israel to sign electricity interconnection agreement under the IMEC project by year-end, boosting energy security and connectivity across Europe and Asia.

Enlight Renewable Energy Ltd.: Enlightenment Reaches Financial Close for

The Complex is anchored by a 1 GW AC interconnection agreement and demonstrates Enlightenment's Connect and Expand strategy, leveraging a large grid connection to develop multiple solar

| Great Sea Interconnector

The electrical interconnection between Greece, Cyprus and Israel is one of the largest submarine power transmission projects in the world. The Great Sea

Greece-Cyprus-Israel subsea power link faces major

The Great Sea Interconnector subsea electric cable project seeks to connect Greece, Cyprus and Israel. But will it ever be completed?

Cyprus and Israel to sign key electricity link

Officials said the interconnection is vital for energy security, particularly for Israel, which is seen as an “energy island” due to its limited links

The Structure of the Energy Sector in Israel

By the end of 2019, the country's electricity sector was based on approximately 66% natural gas, approximately 7% renewable energies, and the rest coal and other fuels; which gives Israel energy

Israel Electric Global

Energy Island Israel operates as an energy island, with no electrical interconnection to neighboring countries, and therefore relies entirely on its domestic generation and infrastructure to meet national

Supercharged: The EuroAsia Interconnector and Israel's ...

This paper attempts to outline the principal reasons why Israel is interested in the EuroAsia Interconnector (EAI) and why an undersea electricity cable may be a more feasible project than the

Israel connects to European electricity grid: Minister Dr

Israel connects to European electricity grid: Minister Dr Yuval Steinitz has signed memorandum of understanding for laying the world's longest

The geopolitics of cross-border electricity grids: The Israeli-Arab ...

Indeed, it has been asserted that a cross-border grid interconnection stretching from China to Australia will result in slower growth of carbon emissions as compared to the normal growth rate,

Report of the State Comptroller of Israel | November 2024

The Israeli electricity sector will face significant challenges by 2030 due to a sharp increase in electricity demand driven by climate change, including the increased frequency of extreme weather events; the

Cyprus, Israel to finalize power link in 2025

Cyprus and Israel have agreed to finalize a deal for an electric power interconnection by 2025, as part of the Great Sea Interconnector (GSI) with

Electricity and Renewable Energy

The Israeli Ministry of Energy and Infrastructure Director General, Mr. Yossi Dayan, and Chairman of the Israeli Electricity Authority, Mr. Amir Shavit,

Great Sea Interconnector

Israel 's relationship with neighbors links politics and diplomacy with energy supply and security. Until recently domestic Israeli primary energy production was small.

Euro-Asia submarine electricity interconnection cable

The electrical interconnection between Greece, Cyprus and Israel is one of the largest submarine power transmission projects in the world. The Great Sea Interconnector will provide a green, reliable, and

Ministry of Energy and Infrastructure

The Ministry of Energy is responsible for all of Israel's energy sectors and its natural resources, including electricity, fuel, LPG, natural gas, conservation of energy, petroleum

Israel: Support for the electrical interconnection Project

The Israeli Energy Minister, Eli Cohen, expressed Israel's support for the creation of an electrical interconnection pipeline between his country,

Report of the State Comptroller of Israel | November 2024

In August 2022, Noga – Israel Independent System Operator Ltd. (Noga or the Noga Company) – prepared an integrated development plan for the electricity sector, encompassing the production and

Greece and Israel sign bilateral energy agreement

Greece and Israel have signed a bilateral agreement that both sides say will promote regional energy stability. The agreement, which also includes

The Structure of the Energy Sector in Israel – Power Library

Large reservoirs of natural gas were found in Israel's economic waters, which changed the Israeli energy mix. Israel has changed from a country almost entirely dependent on energy imports to

NV Energy Interconnection Window: Detailed Timeline,

A detailed breakdown of NV Energy interconnection window, including submission requirements, study timelines, cost risks, and execution strategy for

Greece-Cyprus-Israel Electrical Interconnection Signals

As one of the largest electrical interconnection projects globally, the Greece-Cyprus-Israel project sets new standards with its innovative technology

Cross-Border

The report discusses the advantages and challenges of cross-border electricity interconnections, drawing on international experience, and then examines trends in electricity connectivity in Israel and

Energy in Israel

The Israeli Electric Corporation (IEC) controls more than 95% of the electricity sector in Israel, and controls production, distribution, and transmission of electricity.

Great Sea Interconnector

The Interconnector will provide an important electricity highway in Southeastern EU and ends the electricity energy isolation of Cyprus, interconnecting EU and Israel.

Contact Us

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