

European Solar and Energy Storage Solutions

Egypt energy dome



All in one
50-500 Kwh
Hybird
System



Overview

What is energy dome?

Energy Dome solves the problem of long-duration energy storage with technology that is made with off-the-shelf components, it is scalable to your needs, with easy maintenance, and sustainable materials such as steel and CO₂. It's the only solution that makes sense in the marketplace today to store renewable energy and start decarbonizing the world.

What is Egypt energy?

Join Egypt Energy, a 30-year legacy event celebrating Egypt's thriving energy sector. Explore a diverse range of energy products & connect with energy leaders.

How can energy dome save the world?

Humbly speaking, there's only one way to start saving the world. Energy Dome solves the problem of long-duration energy storage with technology that is made with off-the-shelf components, it is scalable to your needs, with easy maintenance, and sustainable materials such as steel and CO₂.

Egypt energy dome



About

Egypt Energy, formerly known as ELECTRICX, is the most significant B2B energy event in Egypt and North Africa, proudly endorsed by the Ministry of Electricity & Renewable Energy. With a legacy of 33 years in the industry, the event has become the region's top destination for EPC Contractors, Government entities, Utilities, Investors

Energy Dome awarded EUR17.5M by the European ...

The European Commission selects Energy Dome, in the most competitive European funding scheme, as a game changer in the energy transition. MILAN (December 22, 2022) - Energy Dome, the company behind the CO2 Battery, ...



Energy Dome Signs First U.S. Contract with Alliant ...

A Signed Supply Contract Cements the Role of Energy Dome's Technology in the U.S. Energy Storage Market Madison, Wisconsin - 23 October 2024 - Energy Dome, a leader in long-duration energy storage ...

Careers

Energy Dome is the owner and developer of CO2 Battery technology, a ground-breaking

innovation which uses carbon dioxide in a closed loop thermodynamic process to provide efficient, affordable long duration energy storage (LDES) for intermittent renewables - the key to enabling decarbonization of the global power system.



EGYPES 2025 (Egypt Energy Show)

Held under the patronage and participation of His Excellency Abdel Fattah El Sisi, President of the Arab Republic of Egypt, Egypt Energy Show (EGYPES) is at the heart of an ever-evolving, ever-expanding stage for the world, where energy meets the future.

EU-Breakthrough Energy partnership invests EUR60 ...

Image: Energy Dome. Artist rendering of a large-scale CO2 Battery project with solar PV. Image: Energy Dome. Energy Dome, the startup commercialising a proprietary carbon dioxide-based long-duration energy ...



2024???????????? EGYPT ENERGY

?????????(egypt energy)????????????????????
 ??????????????????(MEE)??,Informa Markets????????????????

Egypt to develop 10 GW of renewable energy projects by 2028 ...

5 ???· Egypt has announced an ambitious plan to establish 10 gigawatts of renewable energy capacity by 2028 as part of its National Platform for the NWFE Program. The initiative, unveiled during the inauguration ceremony of the Abydos 1 Solar Power Plant in Aswan, represents a major milestone in the country's journey toward a sustainable energy future.



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Global energy leaders to come together at EGYPTES in

Set to unlock tangible investment opportunities in Egypt's lucrative energy market, EGYPTES 2024 is set to unite primary stakeholders to play



critical roles in the region's upcoming projects worth more than \$1 billion in the oil and natural gas sector in the Western Desert region of Egypt.

Energy Dome successfully launches first CO2 Battery ...

Energy Dome's CO2 Batteries can be quickly deployed anywhere in the world at less than half the cost of similar-sized lithium-ion battery storage facilities, and use readily available materials, such as carbon ...



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The Hosted Buyer Programme at Egypt Energy is an exclusive initiative that brings together global decision-makers and energy industry experts from around the world, to connect with prospect partners. The aim of the programme is for key stakeholders to meet, connect and conduct business while exploring new high-level opportunities as well as collaborations. The ...

Breakthrough Energy Catalyst's Funding Tranche Unlocked

Milan, Italy - 18, July- Energy Dome, a leading developer of innovative CO2 Battery technology, has secured initial funding from Breakthrough Energy Catalyst, a global initiative dedicated to accelerating the development of climate

solutions. This significant milestone marks a crucial step forward in the company's ambitious project to build a groundbreaking CO2 Battery facility in [...]



Egypt inaugurates EMEA Power's 500 MW Abydos 1 Solar Plant

6 ???· The Prime Minister said that the Abydos 1 plant was more than just an addition to Egypt's renewable energy output. He said it signified a transformative shift in how Egypt is ...

Fill out this form to send us your application

Su Energy Dome. Energy Dome è un fornitore di soluzioni per l'accumulo di energia (CO2 Battery) che sblocca l'enorme potenziale delle fonti rinnovabili, rendendo l'energia solare ed eolica programmabile e sempre disponibile per gli utilizzatori finali. Energy Dome è guidata da un team di comprovata esperienza nel settore dell'energia



Energy Dome Named LDES Company of the Year at Energy

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About Energy Dome . Energy Dome is revolutionizing energy storage and enabling grid decarbonization by making solar and wind power dispatchable 24/7. The company invented and



developed the CO2 Battery, a long-duration energy storage system that makes long-duration energy storage viable globally today. The properties of carbon dioxide allow the

Energy Dome will prove a paradigm-shifting Utility Scale Energy ...

The engineering team guided by Mr. Claudio Spadacini, founder and CEO of Energy Dome is building a 2.5MW/4MWh first of a kind energy storage facility in Sardinia, Italy, expected to be launched in early 2022. The plant, with a size of 2.5MWe and 4MWh, will be designed allowing for future storage expansion bringing it to 8MWh and above. The Demo



APPLICATION SCENARIOS



Global energy leaders to come together at EGPES in

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EGYPES , 17-19 February 2025 , Egypt International Exhibition

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Under the patronage of His Excellency Abdel Fattah El Sisi, President of the Arab Republic of Egypt, EGPES 2025 takes place from 17 - 19 February 2025 in Cairo, exploring how Egypt, at the heart of Africa and the Mediterranean, is driving responsible energy transformation.

Egypt inaugurates EMEA Power's 500 MW Abydos 1 Solar Plant

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