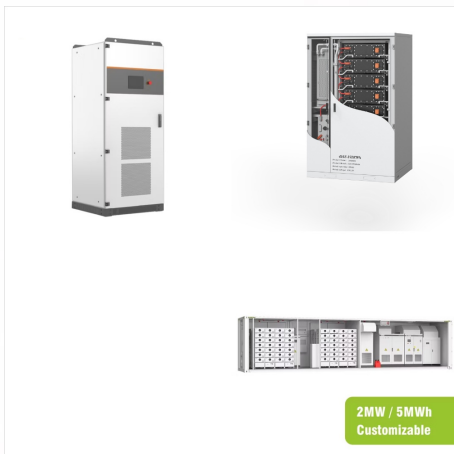




Recently, Qatar General Electricity and Water Corporation (Kahramaa) launched the new "BeSolar" service for the installation of distributed solar energy systems, in line with the objectives of Qatar National Renewable Energy Strategy. In a statement to Qatar News Agency (QNA), Director of Production Planning and Business Development at Kahramaa



A new chapter for energy in Qatar. The start-up of the Al Kharsaah solar power plant represents a milestone in the country's energy history, since it is set to produce 10% of its peak electricity demand at full capacity. Over its lifespan, it will also enable Qatar to reduce its CO₂ emissions by 26 million metric tons.

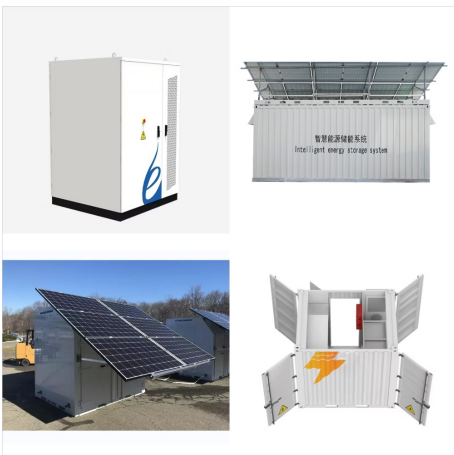


In November 2024 Qatar's Ministry of Environment and Climate Change (MECC) launched its 2024-2030 strategy under the theme "Together toward a sustainable environment for a better future," setting goals to cut greenhouse gas emissions by 25%, restore 30% of impacted natural resources, protect 30% of island and coastal areas, and conserve

QATAR RENEWABLE ENERGY FOR HOME USE



The initiative underscores Qatar's dedication to sustainable development and reflects its ongoing efforts to reduce carbon dioxide emissions while diversifying the country's energy mix. This move aligns with global trends toward renewable energy and commitment to environmental sustainability. Sub-sectors with strong market potential



Kahramaa said that the launch of the strategy reflects its belief in a more sustainable future for Qatar and aims to achieve Qatar National Vision 2030 and the National Development Strategy 2024-2030, building on its efforts to enhance renewable energy use and develop related policies and strategies in coordination with 22 key energy



Nationwide, enhancing oil and gas production and their transformation into products, mitigating their adverse effects on the environment, as well as reducing energy consumption while promoting alternative renewable energy sources are highlighted in both the Qatar National Vision 2030 and Qatar National Development Strategy 2 (2018-2022).

QATAR RENEWABLE ENERGY FOR HOME USE



The strategy aims to increase and diversify the utilisation of renewable energy sources in Qatar, integrating them into the energy mix due to the high-quality solar energy resources available. Qatar's global horizontal radiation level is among the highest in the world, at more than 2,000 kWh per square metre per year.



Generate 4 GW of central solar photovoltaic electricity, increasing Qatar's energy mix's proportion of renewable energy from 5% to 18% by 2030. Generate 200 MW of diversified solar energy systems, which will allow subscribers to solar photovoltaic systems in their facilities and electricity production in the grid.

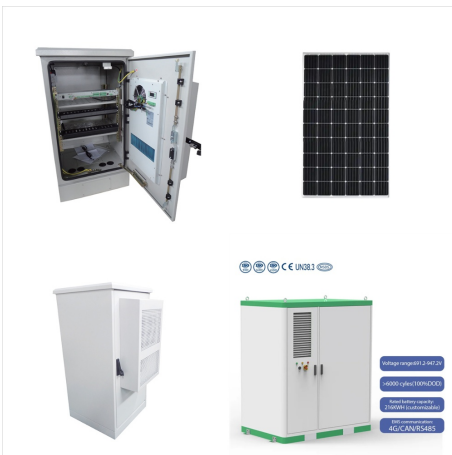


The Qatar General Electricity and Water Corporation (Kahramaa) is actively working to promote the use of solar power in the country with the launch of incentives under a renewable energy programme ??? the Qatar National Renewable Energy Strategy (QNRES) which aims to increase renewable power generation to cut its carbon footprint.

QATAR RENEWABLE ENERGY FOR HOME USE



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Home; Interactive sustainability map; One of these goals has been to develop renewable energy sources in Qatar, with a focus on solar energy. Solar energy played an important role in the FIFA World Cup Qatar 2022???, with the Qatari government inaugurating the first large scale solar power plant ahead of the tournament. Al-Kharsaah Solar



The strategy, introduced by Qatar General Electricity and Water Corp., known as Kahramaa, aims to diversify and increase the use of renewables, especially solar energy, in the Gulf state and integrate it into the electricity mix, Kahramaa said as cited by the state-owned Qatar News Agency (QNA).

QATAR RENEWABLE ENERGY FOR HOME USE



The Qatar General Electricity and Water Corporation (KAHRAMAA) has recently launched the Qatar National Renewable Energy Strategy (QNRES). This strategy aims to increase large-scale renewable power generation to about 4 GW through the installation of distributed solar generation, up to around 200 MW by 2030.



DOHA: Qatar General Electricity and Water Corporation "Kahramaa" has announced the launch of the Qatar National Renewable Energy Strategy (QNRES), having coordinated with 22 key energy actors in Qatar.



The benefit of Qatar increasing its renewable energy capacity is that it allows it to offer a less carbon-intensive LNG product and the ability to venture into the "blue energy" sector. As highlighted above, a central part of the energy transition concerns the move into the hydrogen economy.

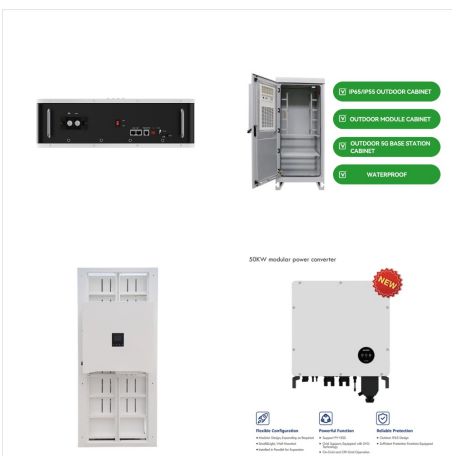
QATAR RENEWABLE ENERGY FOR HOME USE



On the renewable energy front, Qatar aims for solar energy to constitute 30% of its electricity-generation capacity by 2030. In October 2022 the country's first solar-PV energy project, the 800-MW Al Kharsaah power plant, started operating and now supplies around 10% of domestic peak energy consumption needs.

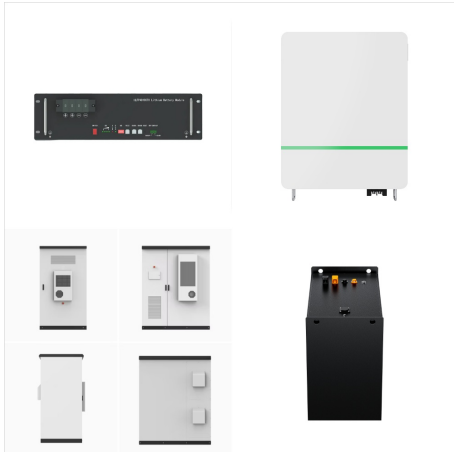


Increasing the penetration of renewable energy while maintaining network reliability, and;
Maximizing the socio-economic contribution from renewable energy. The QNRES aim to: Generate 4 GW of central solar ???



Qatar targets 20% of its electricity being generated from renewable sources by 2030, and a carbon zero footprint by 2050. This strategy has and will continue to drive significant investment in renewable energy infrastructure. Qatar's current primary renewable energy focus is solar energy and waste-to-energy sources. Solar power

QATAR RENEWABLE ENERGY FOR HOME USE



Kahramaa said that the launch of the strategy reflects its belief in a more sustainable future for Qatar and aims to achieve Qatar National Vision 2030 and the National Development Strategy 2024-2030, building on its efforts to enhance renewable energy use and develop related policies and strategies in coordination with 22 key energy



Ongoing projects in the electricity sector are being completed to increase renewable energy percentage. Kahramaa plans to achieve sustainable goals by ensuring reliable and sustainable electricity with the increase in the renewable energy mix. This is ensured by: - Having the appropriate policies and standards for renewable technologies.



Generate 4 GW of central solar photovoltaic electricity, increasing Qatar's energy mix's proportion of renewable energy from 5% to 18% by 2030. Generate 200 MW of diversified solar energy systems, which will ???

QATAR RENEWABLE ENERGY FOR HOME USE



Qatar General Electricity and Water Corporation "Kahramaa" announced the launch of "Qatar National Renewable Energy Strategy" (QNRES), having coordinated with 22 key energy actors in Qatar, a step that reflects the efforts of Kahramaa to enhance its work in the field of renewable energy uses and to develop policies and strategies