



# Industrial microgrids islamabad

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A Microgrid is an energy system as part of the national grid that provides Distributed Energy Resources (DERs), together with loads under common control. In other words, a microgrid with control capability operates autonomously and disconnects from the national grid.

Whether you run an educational institute or a big hospital complex, a microgrid can help you produce your own power and run your facility without any issue. Gream Energy offer the best on grid and off grid solar system in Pakistan, helping consumers gain energy independence.

Microgrids can improve the electricity supply to the locality by optimizing the balance between demand and supply. Communities and facilities can produce their own energy independently and efficiently.

Gream Energy provides a variety of off grid and on grid solar system in Pakistan, designed to help its customers cut their electricity costs, shift to renewable energy, and gain freedom from the national grid. So if you want to go solar as well and produce your own energy, we can help.

ISLAMABAD, Nov 20 /DNA/ - The opening ceremony of the solar power generation project of the Pakistan International Airlines (PIA) training center contracted by Zonergy, the world-renowned integrated smart microgrid solution provider, was held in Karachi, according to a report published by China Economic Net (CEN). Li Bijian, Chinese Consul General in Karachi, Arshad Malik, PIA Chief Executive Officer (CEO), and Xu Hongchang, Vice President and General Manager of International Business Department of Zonergy, attended it and delivered speeches.

Li Bijian said, not so long ago, the 26th session of the Conference of the Parties (COP26) to the United Nations Framework Convention on Climate Change has just concluded in Glasgow, Scotland, and all parties involved are making every effort to reach an ambitious agreement to reduce emissions in response to global climate change. PIA's move conforms to the trend of the times and has made efforts to protect our common green home.

At present, Zonergy has established a good partnership with Pakistan International Airlines. "Regarding PIA's office buildings and training centers across Pakistan, our further cooperation plans are under intense preparations. "I can affirm that this project is just the beginning," Guo told CEN.

Arshad Malik emphasized that PIA is sparing no effort to achieve green transformation. Regarding this project, it will provide green and clean energy for the company's staff training and other businesses. Besides, the smooth launch of it reflects the superb technology and good reputation of Chinese companies.

"To date, we have built more than 1,000 distributed and industrial and commercial power stations around



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Pakistan, with an installed capacity of 170 MW, plus the installed capacity of surface power stations, the total capacity can reach 470 MW," Guo said. Zonergy saw a huge potential in Pakistan as the nation is expected to be a vibrant solar market, it is boosting efforts to prop up local decarbonization ambitions and surging demands.

"Now, the price of photovoltaic power generation in Pakistan is relatively low, which is of great benefit to cost reduction. This year, we have signed more than 600 contracts. In view of Pakistan's climate conditions and urban structure, rooftop photovoltaic power generation has a huge potential the future, with PV new energy gradually replacing fossil energy, I firmly believe that the sky in Pakistan will be bluer," concluded Guo, full of confidence.

Something is happening in Pakistan. The amount of electricity delivered to customers by its grid is going down &#8212; a lot! It&#8217;s not that Pakistanis are turning off their electrical devices. What they are doing instead is generating more solar power from panels they own themselves. They are becoming prosumers, and that could portend a major shift in the energy market for other countries as well.

In a blog post on November 25, 2024, the World Economic Forum said that Pakistan&#8217;s rapid adoption of solar power, which is being driven primarily by market forces and with only minimal political support, provides valuable lessons for other emerging markets. &#8220;Declining solar panel prices, coupled with skyrocketing grid electricity tariffs that have increased by 155% over three years, are fueling a rush in renewable energy adoption in Pakistan, with solar power leading the way. The country is now the world's sixth-largest solar market,&#8221; it said.

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