

Does Oman utilize solar energy?

According to the data of the International Energy Agency, Oman has not installed any significant solar energy capacities. However, solar energy is used for water heating systems in private houses and by the oil production industry. Oman has not installed any noteworthy capacities based on renewable energy.

How much does it cost to generate electricity in Oman?

It is clear that the cost of electricity generation from a geothermal binary plant is comparatively lower than that from solar, hydro, wind or nuclear plants. Electricity generation costs for a 50 MW geothermal binary plant is US\$92/MWh (GEA, 2016). Such comparison provides a guideline to adopt an appropriate source of renewable energy in Oman.

Does Oman have an electricity system?

Oman's electricity system consists of two major networks: the Main Interconnected System (MIS), which covers most parts of the North, and the Salalah system, owned by the Dhofar Power Company, which serves the region in the South.

How much energy does Oman produce in total?

In 2011, Oman produced a total amount of 73,508 ktoe of energy, which is approximately 3,078 PJ or 854,898 GWh. The country's energy production comes solely from crude oil (65%) and gas (35%). Oman has no other energy sources, such as coal, nuclear power, heat, or renewable energy. The following table provides an overview of Oman's energy production in 2011.

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