# Armenia distributed power solutions

Does Armenia have solar power?

In June 2016,the Armenian Parliament updated the law "On Energy Saving and Renewable Energy" which encourages the use of solar powerin the country and allows users of solar installations of 150 kW or less to sell their excess energy back to the electrical grid. The voltage in Armenia is 220 V AC at a frequency of 50 Hz.

How does Armenia produce electricity?

Armenia lacks fossil energy source,and heavily relies on the production of electricity from a nuclear power plant and hydro power plants,and uses imported fossil fuels to operate thermal power plants. Solar energy and wind energy productions are just a small portion of the overall electricity production.

Who owns electricity networks of Armenia?

Here shall be noted that Electricity Networks of Armenia are also owned by Tashir Group. Supplier tariffs are more favorable for producers of electricity from renewable sources. At the beginning of 2019 rates (excluding VAT) are: Electricity tariffs are dependent on the time of day (night/day),and the voltage supplied to the customer.

How is electricity subsidized in Armenia?

Depending on the amount of electricity consumed, the Government of Armenia subsidizes electricity bills of consumers who utilize less than 500 kWh of electricity per month. Customers are billed monthly in kWh.

How will Armenia's power sector benefit from increased private investment?

With increased private investment,Armenia's power sector will be able to bolster energy security and ensure the supply of reliable power. Alongside much-needed capital,private companies are also sharing their expertise on governance and best practices and introducing cutting-edge technology.

What is the hydropower potential of Armenia?

The hydropower potential of Armenia is reported to be 21.8 billion kWh. As of the 1 January 2018,electricity was generated by 184 small HPPs,with total installed capacity of 353 MW.

This presentation was prepared as part of the World ank"s Power Sector Policy Note for Armenia (the Note). The objectives of the Note is to inform the Government"s policy thinking by identifying the principal challenges that the power sector faces and outlining solutions for overcoming them.

Distribution is controlled by Electric Networks of Armenia (ENA), [83] [84] High Voltage Electrical Networks, [85] [86] and Electro Power System Operator. [87] There are over 36,000 km of distribution lines across Armenia. [84] In 2002, Electric Networks of Armenia (ENA) was privatized by Midland Resources Holding.

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