WALMER ENERGY

Yerevan wind power system

Overview

Why is wind energy important in Armenia?

Wind Energy has significant potential and is one of the fastest growing sectors for energy production. Wind power energy in the Republic of Armenia has total capacity of 450 MW with annual output of 1.26 bln kWh electricity.

How much wind power does Armenia have?

In 2003, the Wind Energy Resource Atlas of Armenia was drawn. According to it, economically reasonable wind power potential is estimated at 450 MW total installed capacity and at electric power output of 1.26 billion kWh/y.

Where is wind power available in Armenia?

Wind power energy in the Republic of Armenia has total capacity of 450 MW with annual output of 1.26 bln kWh electricity. High prospect areas include the mountain passes of Zod, Jajoor, Sevan, Bazoum mountains; Qarakhach and Pushkin passes, Geghama mountains, Aparan, Meghri and the highlands between Sisian and Goris.

When was the first wind power plant built in Armenia?

In December 2005, for the first time in Armenia and in the Caucasus a grid-connected wind-power plant with capacity of 2.6 MW was put into operation at Pushkin Pass. In the future an increase of the wind power plant capacity up to 50 MW is planned.

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