

# Yakutia uses solar energy to generate electricity

How many power plants does Yakutia have?

Yakutia has 144 power plants isolated from each other or any other grid that supply individual villages and mining enterprises. The main part of the capacity of autonomous power plants (over 200 MW) is located in the Northern Energy District.

What is Yakutia's cooperation with the Sakha Republic?

In 2017, the republican government and the Hevel group of companies signed an Agreement on cooperation in the field of power supply to isolated settlements of the Sakha Republic (Yakutia) through the construction of autonomous hybrid power plants based on solar energy (Rusnano 2017).

Who is responsible for heat generation in Sakha (Yakutia)?

Heat generation is dominated by the State Unitary Enterprise "Housing and Communal Services of the Republic of Sakha (Yakutia)" (GUP ZHKH), established by decree of the President of the Republic in 2003 by joining the housing and communal services enterprises operating in the regions of the Republic.

Is Yakutia sustainable?

As pointed out in the Introduction to this chapter, despite the humble results in an international comparison, Yakutia positively stands out in its sustainable energy initiatives among the Russian regions.

What is the energy supply zone in Yakutia?

Yakutia is divided into centralized and decentralized power supply zones (Programma 2017). 1 The centralized energy supply zone consists of three energy districts--Western, Central, and Southern. 99.6% of energy in the Western region comes from hydro energy, the remaining 0.4% from natural gas.

Why is the Yakutian government a path-dependent country?

Even though the Yakutian government emphasizes the importance of a long-term perspective upon the republican energy system, which is reflected in their preference toward the comprehensive POLE scenario, low fuel prices and absence of available funding create a situation of path-dependency.

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