

## General information about the area of VARNAVINO, Nizhny Novgorod.

Varnavinsky district is located in the north of the Nizhny Novgorod region. Distance to regional center 190 kilometers from the nearest railway station Vetluzhskaya - 36 miles. The district has 89 villages and an urban village. The administrative structure of the district is a town and 9 rural administrations.

The area is 2500 square kilometers. The district administrative center – is the settlement of Varnavino.

Varnavinsky district is located in a forested area Vetluzhskaya lowland taiga-forest region (North-Volga), Nizhny Novgorod region. Northern Volga differs most cold and wet climate. Winter lasts about 5 months. Average temperature of January is - 13 C in some places the district frosts come up to - 40 ° C, sometimes - 48 ° C. Vegetation period is 163-170 days. In the spring characteristic of freezing. Frost-free period there were at - 120 days. Summer is short and hot, usually begins and ends June 5-10, 15-25 August. Average July temperature is at 18 ° C.

Industry district is represented by eight companies. The share of enterprises in total industrial production is on average:

- Timber industry - 36%;
- Food industry - 20%;
- Other industries - 44%.

Varnavinsky area is located away from major transportation hubs. Distance to highway federal Nizhny Novgorod - Kirov -44 miles. The nearest railway station Vetluzhskaya is located 36 kilometers. The length of paved roads in Varnavinsky area is 168 kilometers.

Stock of wood in the district is 35634200 cubic meters, including stock conifers - 16731100 cubic meters. Allowable on main use -266,200 cubic meters. The annual amount of use from all types of logging -393,800 cubic meters. The volume of timber harvested for industrial processing on the preliminary assessment is about 80000 cubic meters.

Currently, the Nizhny Novgorod region is the introduction of effective technologies for processing low marketable timber and wood waste into bio-fuel production – PELLETS.

Thus, there are serious prerequisites for the transfer of coal-fired boilers for solid wood pellets .



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