

The possibilities of utilizing the deep energy of the Earth are illustrated by the following example. By exploiting the three geothermal fields already explored, the city of Groznyi could be converted to a geothermal power supply, thus ridding the city of its smoke-stacks and expanding its hot-house industry. In addition, the cost price of geothermal heat would be lower than that of boiler houses using organic fuel.

It is known that ecologically clean types of energy are most effective with integrated use. The sun, the wind, and the water in one harness can substantially influence the economic development of any region.

In the Dagestansk ASSR, solar power generators heat settlements, sanatoriums, campgrounds. In the Stavropol' Territory they heat apartment buildings, in the Rostovsk Region -- agricultural complexes. But so far these examples are rare, even though a resolution of the Council of Ministers of the RSFSR<sup>1</sup> has designated 13 Territories to save on organic fuel by means of solar energy. It was noted at the session that the councils of Ministers of the Kabardino-Balkarskaya, Kalmytskaya, and North Osetinskaya ASSRs and the Executive Committees of the Soviets of People's Deputies of the Altaisk, Primorsk, and Khabarovsk Territories have not even begun to implement this program.

At the same time, extensive use of solar energy is also hindered by the low quality and poor design of solar batteries produced in the RSFSR solely by the Bratsk Factory of Heating Equipment under the Ministry of Building Materials of the USSR. In addition, a paradoxical situation has arisen, where the equipment for sunshine regions is produced in Siberia and transported across the entire country.