

The use of geothermal energy (GE) and the green economy in the environment of Slovak municipalities and towns is significant, due to the reduction in the negative influences and impacts of human society's constant consumer lifestyle. The authors highlight the use of modern scientific knowledge, practical experience, and ever-improving technologies in the field ...

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The National Energy and Climate Plan of the Slovak Republic does not envisage a significant development of geothermal energy in Slovakia in the period 2020-2022 due to the high costs currently associated with geothermal energy. According to the Plan, production from geothermal could start from 2024 with an installed capacity of 4 MW for each ...

Key words: geothermal energy, economic efficiency, intensity of heat flow, potential of thermal energy, Slovakia Introduction Currently, research and science are dealing with the finding of new ...

the state is to create conditions for rapid using of its potential. Geothermal energy is using heat in the effective output of 142.75 MWt of geothermal water in 36 localities of Slovakia. Sources of ...

Košice is becoming a Slovak leader in the use of geothermal energy, thanks to all those who were willing to listen, discuss and finally act," commented Košice Mayor Jaroslav Polacek. Earlier this year, an amendment to Slovakia's "Act on Heating" was proposed to simplify the construction of heating infrastructure that taps into ...

The most extensive use of geothermal energy in the Slovak Republic is in Trnava district, where the heat output represents 44.47 MWt. Galantaterra Ltd was set up in the ... Geothermal energy Gas boiler plants in the Energy center The combination of geothermal base load and gas peak load- year 2003 0 500 1000 1500 2000 2500 3000 3500 4000

GEOTHERMAL ENERGY EXPLORATION IN SLOVAKIA Ondrej Franko Dionyz Institute of Geology, Bratislava Key words: geothermal boreholes, debit, temperature, T.D.S., heat power ... Geothermal Resources Council TRANSACTION from the year 1990. The result of regional investigations is the valuation

Reykjavik, Iceland and Sloveoterm Bratislava, Slovakia evaluation of geothermal energy utilisation is elaborated. The study takes into account that in this town exist an extensive heating network that provides heating for 60 000 flats, shopping centres, community service buildings ...

the emissions trading scheme, energy efficiency (a 20% energy consumption cut by 2020), and a 20% reduction in CO₂ emissions by 2020. The proposal of a new EU-Directive addressing all sectors of renewables shall ease their development, including geothermal; it aims at an overall target of a 20% share of RES in energy

the state is to create conditions for rapid using of its potential. Geothermal energy is using heat in the effective output of 142.75 MWt of geothermal water in 36 localities of Slovakia. Sources of geothermal energy in Slovakia are presented mainly by geothermal water, utilized in agriculture, heating and recreation.

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Geothermal project in Sala Town of Sala, the county town at Nitra region, is situated on both sides of Váh river. From geological point of view, Sala lies at the east edge of Galanta basin, in the prospective area for geothermal energy ...

Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. ... Slovakia: ...

utilisation of geothermal energy in the Slovak Republic", to which a Decree No. 861/1996 was adopted by the Slovak Government. In the Decree, Minister of Environment was commissioned to provide elaboration of regional assessment of geothermal water and energy reserves in the Central depression of the Danube basin - Galanta area,

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