

OTHER INFORMATION

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Geothermal system of Győr deployed, final test results of the new production well in Bőny

After the successful deepening operation on the BON-PE-03 well that PannErgy Concession Ltd implemented in the framework of a concession-based investment, the well pump has been installed at a depth of 830 meters with the connection of the well to the geothermal system of Győr also completed. Unmatched in Hungary, the system constructed with three production wells has yielded the first test results under continuous live operating conditions for the pump-assisted BON-PE-03 well and the other two free-flowing wells.

The results indicate that in terms of energy volume equivalent the system approximates the earlier targeted 1100 m³/hour increase in the combined thermal water extraction capacity by featuring a maximum yield of only 1065 m³/h, while the temperature measured on the secondary line (towards AUDI and Győr-Szol) is approximately higher by 1 (one) Celsius degrees, (difference between the average inlet and outlet temperature (ΔT) that is directly proportional to the volume of energy, and is therefore higher by 2.1%), and therefore the green heat volume that can be delivered is at 98,9% of the expected level. The capacity of the BON-PE-03 production well with pump-assisted extraction reaches 765 m³/h. Based on the evaluation of the results – as depending on the prevailing weather conditions – the expanded system is foreseen to be capable of delivering 840-850 TJ green heat annually in the current consumer structure, with the supply of less than expected electric power.

PannErgy Plc

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