

The multifunctional system could thus make full use of solar energy and a heat pump to provide energy for residential and other buildings. The experimental data could serve as a model for the development of a practical solar photovoltaic and heat pump system.

Growing number of individual PV installations in Lithuania also results in a widening variety of PV equipment. Different inverter manufacturers provide their users with different plant generation monitoring solutions and functionalities.

Smart technologies help operators to control the power grid in a more efficient and reliable manner in real time, and in some cases even make this work simpler (since smart controllers perform a part of the control and monitoring functions without human intervention).

Web: <https://gennergyps.co.za>