

## 2G Energy extends product portfolio to high-capacity heat pumps

**By acquiring Dutch heat pump manufacturer NRGTEQ, 2G Energy adds another innovative division to its core cogeneration business.**

2G Energy, a leading manufacturer of combined heat and power (CHP) systems, has stepped up its energy transition efforts with the acquisition of NRGTEQ, a high-capacity heating pump manufacturer from the Netherlands, which took effect on 1<sup>st</sup> September 2023.

Over the past few years NRGTEQ, founded in 2010, has installed hundreds of systems across commercial enterprises, industries, and utilities and possesses an immense amount of technical expertise in the development and design of heating supply projects on a larger output scale. The high quality of NRGTEQ products and the fitting product range led to the decision of acquiring the company, as 2G Energy's CEO **Christian Grotholt** explained: "The products by NRGTEQ are an ideal complement to our product portfolio in terms of their output. Prospectively, our heat pumps will range from 200 to 1,000 kW thermal output, which works perfectly alongside our CHP systems. Looking at the increasingly volatile energy prices, operators of our complete systems can always adapt to the market situation."

The Dutch facilities will remain as development and regional sales locations under the 2G banner. The heat pump production will gradually be moved to the 2G Energy manufacturing headquarters in Heek, Germany over the coming months.

### **Natural step to become a provider of full-range energy solutions**

Entering the heat pump sector is a logical step in 2G Energy's positioning as a full-range provider of decentral energy supply solutions. **Grotholt** added: "Even before the acquisition, we integrated an increasing number of heat pumps into our CHP projects. With the growing international interest in heat pumps, it only seemed natural to us to position the company as a provider of full-range energy solutions. The key factor is that the combination of CHP and heat pumps provides the operator with environmentally friendly and cost efficient – subject of course to weather conditions and electricity prices – thermal energy."

### **Industries and utilities want solutions not products**

The expanded portfolio is tailored to industries and utilities who are currently planning the future of their local heat supply. Customers are increasingly looking for solutions facilitating their goal of using 100% renewable energies without sacrificing supply security and economic efficiency. By adding heat pumps to its portfolio, 2G can now offer full-range, single-source solutions and adjust projects to the customers' individual needs and specific energy demands.

### **Heat pump and CHP: more in common than meets the eye**

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Cogeneration and heat pumps are complementary technologies, but beyond that, the heat pump also fits into 2G's international strategy. Procurement, production, service processes and even the system software – which can already integrate heat pumps – are suited to the heat pump technology. By integrating the established heat pump portfolio into the 2G Group structure, the new product can be properly handled from day one.

### **About 2G Energy:**

2G Energy AG is one of the world's leading manufacturers of combined heat and power generation systems (CHP) providing a decentralised supply of heat and electricity using reciprocating piston engines that run on hydrogen, biomethane, biogas, sewage gas, landfill gas or natural gas. The systems in the portfolio range from an electrical output of 20 to 4,500 kW. Customers range from farmers in municipalities, the housing industry, commercial enterprises, medium-scale, and big industrial companies to the energy sector. In addition to its headquarters in Heek, located in the "Münsterland" region in western Germany, 2G is represented by subsidiaries in several European countries as well as North America and has about 920 employees worldwide. Since its foundation in 1995, 2G has commissioned more than 8,500 systems throughout the world.

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