

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

**By acquiring the Dutch heat pump manufacturer NRGTEQ, 2G Energy adds another innovative division to its core cogeneration business. The strong political will to partially electrify the heating sector is now reflected in the 2G Energy portfolio.**

Recent energy-political discussions have proven that the heat pump is an essential tool for the decarbonization of the heating sector. 2G pays heed to this development by acquiring the company NRGTEQ from Rosmalen in the Netherlands. The acquisition will take effect on September 01<sup>st</sup>, 2023. Over the past few years, the high-capacity heating pump manufacturer founded in 2010 installed hundreds of systems across commercial enterprises, industries, and utilities. NRGTEQ possesses an immense amount of technical expertise in the development and design of heating supply projects in the upper output echelons. The high quality of NRGTEQ products and the fitting product range led to the decision of acquiring the company, as CEO Christian Grotholt explains: "The products by NRGTEQ are a perfect 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 location under the 2G banner. The heat pump production will gradually be moved to Heek 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 full-range provider of decentral energy supply solutions. Grotholt highlights the number of national and international projects realized by 2G over the past few years: "Our standardized CHP scope of supply is already complemented by various peripheral components such as steam generators, high-temperature heat exchangers and absorption chillers. 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 the 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. Grotholt indicates a general shift in the characteristics of requests: "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 our portfolio, we can now offer full-range, single-source solutions and adjust projects to the customers' individual demands and specific energy demands."

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

Cogeneration and heat pumps are complementary technologies, but beyond that, the heat pump also fits into the established international company strategy. Since the customer base of the technologies is mostly identical, the established sales and project management structures can be used to their full potential. That applies to direct sales as well as business through partners. Procurement, production and 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 established 2G Group structure, the new product can be properly handed from day one,” explains Grotholt.



(f.l.t.r.) Ludger Gausling, Jochem van Haaren, Christian Grotholt, Martan van Meurs



### **When signing the contract**

**(f.l.t.r.) Jochem van Haaren, Christian Grotholt, Martan van Meurs**

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

The 2G Energy AG is one of the world's leading manufacturers of combined heat and power generation systems (CHP) which ensure a decentralized 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. The customers range from farmers over municipalities, the housing industry, commercial enterprises, medium-scale, and big industrial companies to the energy sector. In addition to the headquarters with the development and production facilities in Heek, part of 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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