



Delivering Quality, Performance, Reliability, Security and Savings

Reliable Renewables: Wind Solutions

UNITARY WIND TURBINES in Italy

Customer: PLT Energia

Wind Turbine: 8 Vergnet GEV MP, 200 kW,
32m rotor diameter, 55m hub height

Total power: 1600 kW

Commissioned: Between December 2012 and
October 2014

Operations and Maintenance: PLT Energia



*Vergnet GEV MP-C Wind Turbine
Petrizzi, Italy*

Vergnet GEV MP Wind Turbines Deliver Energy and Profitability in Italy for PLT Energia

PLT Energia, an Independent Power Producer (IPP), is already producing 80 MW of wind energy in the South of Italy and has been in the business of renewable energy for years.

PLT Energia and Vergnet signed a frame contract to install eight Vergnet GEV MP C wind turbines in Calabria where they are producing electricity locally. Depending on wind measures, PLT Energia and Vergnet installed five GEV MP C (55 height with guy wires) and three GEV MP R (32m height with monopole tower).

Wind Energy Approach - Investing in Wind Energy

The first Italian Vergnet GEV MP C wind turbine was installed at Monaci in Petrizzi, Calabria, at the Southern top of Italy. It is one of the few of its size, with a total power of 200 kW and a yearly output of 357 MWh with an availability of 99.17% (in 2014).

The project presented a challenge for Vergnet, with a tight project completion deadline of just over two months between order date and commissioning, in order to ensure the installation of the turbines before the change of FIT in Italy on 31st December 2012.

With over 25 years' experience in delivering projects for isolated environments with extreme climatic conditions and limited electricity infrastructure, Vergnet's experienced engineers adapted the system and the project specifications to meet the site requirements and conditions within a short timeframe. With a rapid project delivery time, Monaci quickly benefitted from the additional resource of a wind turbine to diversify power supply and contribute clean, renewable energy to the site.

Making a Difference at Monaci

“The muddy conditions of the site and harsh winter weather presented challenges for the installation of the Monaci wind turbine, however, we were delighted to turn the project around from the date of order to the final commissioning in just over two months. Over 25 years, Vergnet has had a large amount of experience in delivering and adapting systems to meet site requirements within difficult conditions. Vergnet understands the importance of commissioning projects, such as the Monaci wind turbine, within a short time frame to ensure the turbine contributes clean, renewable energy to the site and society can reap benefits from the project as soon as possible.” **Marc Rivard, Vergnet’s Sales Director**

Reliable Renewables

Vergnet is a global renewable energy solutions company with a successful track record in providing high performance, reliable and affordable clean energy solutions for companies around the world.

Advanced renewable solutions, encompassing wind, solar PV and hybrid technology, make Vergnet a recognised partner of choice throughout the world.

The company leverages a 25 year heritage in delivering power quality, performance and availability of supply in remote, isolated environments with extreme climatic conditions and limited electricity infrastructure.



*Vergnet GEV MP Wind Turbine
in the Calabria mountains, Italy*

With a strong focus on design, manufacturing and engineering innovation, Vergnet provides adaptable renewable solutions that are highly customised to both the local environment and the specific needs of the project.

Vergnet’s uniquely designed technology is adaptable for grid-connected as well as off-grid operations and has been developed specifically for extreme weather conditions providing reliable, efficient and scalable energy solutions. Vergnet operates in over 40 countries and has 166 employees in 10 offices.

Developing adaptable and affordable solutions that cut energy costs is at the heart of everything we do.