



JUWI "DANNSTADT" – 5.0 MW

LOCATION	<i>Dannstadt, Germany</i>
CUSTOMER	<i>Juwi Holding AG</i>
UTILITY	<i>Pfalzwerke</i>
TOTAL POWER INSTALLED	<i>5.0 MW</i>
TURBINE TYPE	<i>KENERSYS K100, 135 m hub height</i>
NUMBER OF TURBINES	<i>2</i>
DESCRIPTION OF THE PARK	<i>These KENERSYS turbines on hybrid towers are one of the first serial turbines with 135 m hub height</i>
COMMISSIONING DATE	<i>February 2011</i>
KENERSYS SERVICES	<i>Turbine delivery, erection and commissioning</i>

At the beginning of 2011 the first KENERSYS turbines K100 2.5 MW with 135 m hub height and hybrid tower were commissioned.

In December 2010 the initial 80 m concrete tower has been completed after two months of construction period just before the heavy night frosts started. On top of the hybrid tower a tubular steel tower was superimposed.

The concrete segments are transportable on normal trucks and relieve the access to difficult locations.

Due to 100 meter rotor diameter in combination with the hub height of 135 m Juwi can gain an energy yield increase up to 25% in comparison to a standard 100 m tower.

With a total tip height of 190 m this K100 2.5 MW is one of the highest serial turbines onshore.

These two turbines are able to provide clean energy for approx. 4500 households.

