

Kenersys celebrates grand opening of its first manufacturing facility in Maharashtra

Wind turbine manufacturer Kenersys, part of the renowned Kalyani Group, officially inaugurated its manufacturing plant for state-of-the-art multi-megawatt on-shore wind turbines in Baramati today. The new facility was inaugurated by the chief guest of the ceremony, Shri Ajit Dada Pawar, Hon'ble Deputy Chief Minister of Maharashtra, in the presence of Mr. B.N. Kalyani, Chairman KENERSYS Group and Chairman & Managing Director Bharat Forge Ltd., Mr. Amit Kalyani, Director Kenersys Group & Executive Director of Bharat Forge Ltd., Mr. Paulo Fernando Soares, Global CEO Kenersys Group and Mr. Kailash Tarachandani, CEO Kenersys India Pvt. Ltd.

Kenersys has set ambitious targets to rapidly expand its footprint in the growing Indian wind energy market. The company with its global Headquarters and Global Tech-

nology Center in Germany is on track with a global production capacity of 1000MW. Renowned companies in Europe like the large utility company Vattenfall and Indian companies like Tata Power, Ushdev, Serum Institute, Panchshil and Bharat Forge, to name a few, are among its customers.

The Baramati plant is set up over an area of 35 acres and a built up area of 5,600 sqm. This would entail a production of hundreds of wind turbines of Kenersys type K82 2.0MW with 82 m rotor diameter and a total height of 140 meters, and space enough for aggressive expansion plans. In combination with the German Production Plant in Wismar, Kenersys has a global production capacity of 1000MW.

Speaking on the occasion, Mr. B.N. Kalyani, Chairman Kenersys Group and Chairman & Managing Director Bharat Forge Ltd., said "Renewable

energy represents the next big frontier in the technology industry and wind power is one of the fastest growing energy sources in the world. At Kenersys, we have been able to successfully combine German expertise with the global supply chain capabilities of the Kalyani Group to offer premium, state-of-the-art wind energy solutions to our large quality and technology-conscious customers. Our new facility is a testament to Kenersys' commitment to growing our footprint in India."

Paulo Fernando Soares, Kenersys Group CEO stated: "The turbines produced here in Baramati MIDC area use industry leading Synerdrive Technology with special features that are new for India. Synerdrive Technology comprises of advanced cooling system for the harsh climate conditions and a special converter system that keeps the turbine in an idling mode during a grid down-time. This sys-

tem therefore backs the power electronics and the turbine can immediately start production after the grid is back. This Synerdrive Technology besides guaranteeing an uninterrupted power supply, also ensures high efficiency, reliability and a maximum availability of the turbines and enables easy maintenance of the machine. We have simultaneously introduced this technology in India and in Europe."

Mr. Kailash Tarachandani, CEO, Kenersys India, said: "India has the third largest wind energy market in the world, with an estimated wind potential of 100 GW onshore. The country witnessed the addition of 2,139 MW of new capacity in 2010, taking the total installed capacity to 13,065MW. Our new facility is a part of our strategic bid to build our presence in India and plant underscores our commitment to becoming a major player in the Indian wind market".

teamtechnik increases presence in India

The high throughput stringer system STRINGER TT1200 solders solar cell strings at 1200 cycles per hour on just one track and is therefore one of the fastest in the world. With this system the international company teamtechnik has recently reached the worldwide leadership in regards of yearly output.

Since Indian market entry in September 2010 teamtechnik has also received orders for more than 75 MW-Systems from Indian customers - including state of the art layup systems on glass.

teamtechnik uses a unique hold-down device in its systems

to separate the actual soldering process from the cell handling process. This allows the company to guarantee 1200 cycles/hour on a single track – this is technology that is already being used on over 100 systems throughout the world. Single track means faster throughput for each soldering process, less complexity, with fewer replacement parts and fewer operators required. The hold-down concept makes for a safe and reliable process and minimal breakage rates of 0.1 - 0.3%.



teamtechnik launched another innovation in the form of a standardized 50 MW system – a flexible complete system consisting of two new STRINGER TT1200s and a layup. With the integrated 6-axis robot this is a highly flexible package which allows the system to be adapted quickly to

different applications, or cell and glass sizes. The teamtechnik 50 MW systems are ready for operation within a short time and equipped with tested technology.

teamtechnik has the ability and experience to offer turn key lines for module production with international partners.

teamtechnik will be presenting its Stringer system at 5th Renewable Energy India Expo in New Delhi, at Solarcon in Hyderabad and at Intersolar in Mumbai.