

## Ingeteam and Indar exhibit at WindEurope 2017



**Zamudio, 27th November 2017.** Ingeteam, an independent global supplier of electrical conversion equipment, will present its full range of wind energy drive train products at the WindEurope Conference & Exhibition 2017, taking place later this month in Amsterdam.

Exhibiting at booth #1D24, Ingeteam will showcase its power converters, generators, turbine controllers, Condition Monitoring Systems (CMS), Smart SCADA management systems, as well as O&M services for onshore and offshore wind farms. This year we are very proud to have reached the 40 GW converter delivery milestone after enjoying spectacular growth in our core markets. We are now firmly established as the world's number one supplier of wind power converters and we have strengthened our international position in the Operation & Maintenance sector. On a global level, Ingeteam has doubled its maintained power compared to 2016, a figure which places its global portfolio at 12.1 GW.

Ingeteam offers low and medium voltage power converters up to 15 MW for onshore and offshore applications, optimized for DFIG and FC topologies. Full power converters specifically designed for each generator technology (PMG, IG, EESG) and air cooled,

air/water cooled and full water cooled solutions for harsh environments, achieving industry-leading efficiency and reliability.

Indar offers a comprehensive range of wind generators, manufactured in different topologies (DFIG, DFM and PMG). It supplies asynchronous and synchronous generators with output powers ranging from 1 MW to 9 MW and voltages from 690 V to 15 kV. Overall, Indar wind generators are recognized for their high efficiency and robustness, having obtained the recognition of the OEMs, utilities and the approval from the certification bodies and standards worldwide (including UL). Indar's track record reaches 23 GW of installed capacity to date.

The Ingeteam Wind O&M Division, with more than 8.6 GW under O&M Services, will present a wide portfolio of Wind O&M Services and will also exhibit its Ingesys CMS tool for the monitoring of vibrations, supervision and status diagnostics of wind turbines.

### **About Ingeteam and Indar**

The Ingeteam Group is a market leader specializing in the development of electrical equipment, motors, generators (Indar), frequency converters, electrical engineering and generation plants. With more than 60 years of experience in the electrical sector, the company currently has 3,900 professionals, of which 11% are dedicated to R&D. The Ingeteam Group primarily serves five key sectors: energy, power transmission & distribution, steel, marine and rail. Within the wind energy sector, Ingeteam is an independent supplier of power converters, turbine controllers, Condition Monitoring Systems (CMS), Smart SCADA management systems and O&M services for wind turbines up to 15 MW for onshore and offshore applications. With over 40 GW of installed wind power capacity worldwide, 8% of all wind turbines operate with Ingeteam technology.

A leading company in the provision of O&M services at energy generating and exchange facilities, it has a total maintained power of more than 8.6 GW.

Our global footprint includes manufacturing facilities in Europe, Asia, North and South America, and sales and service centers strategically located all over the world.

Indar, an Ingeteam company, is a leading electrical rotating machine and submersible motor pump set manufacturing company with a global operation structure and production facilities in Spain, USA and Mexico. It provides comprehensive energy generation solutions for Wind, Hydro, Stationary Power, Steam & Gas sectors, along with advanced marine electric propulsion systems (motors and generators) and water engineering solutions in water supply projects. Indar's installed capacity is 35 GW in power generation throughout the five continents.

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