



WIND POWER PLANTS

THE SMARTER WAY OF FIRE FIGHTING

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Con más de 20 años de experiencia en el mercado de sistema de protección contra incendios y siendo representante de Fogtec®, te invitamos a revisar el siguiente brochure sobre el "Wind Power Plants - The Smarter Way of Fire Fighting".

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TAILOR MADE TURN KEY FIRE PROTECTION SYSTEM

Wind turbines represent a very high concentration of values which are exposed to great risk. In order to avoid a total loss, it is essential to incorporate an extinguishing system as a solution that guarantees operational safety. However, conventional fire-fighting systems, even if installed in compliance with the relevant regulations, will have disadvantages for the operator. These disadvantages can be avoided or minimized by using tailor made fire protection solutions provided by FOGTEC.

One major component of the fire extinguishing system is a high-pressure Water Mist system. This allows to achieve a faster cooling effect than with conventional water based extinguishing system. Heat radiation on objects in the surroundings of the fire source is rapidly reduced. A growth of the fire and a damaging of the equipments is suppressed.

Because of the only minimal quantities of water used by FOGTEC systems, these are suitable also for areas accommodating electric and electronic equipment. FOGTEC solutions can easily be integrated into new and existing wind power plants. Installation is made easy by the very small pipe diameters and the little space for the system. Maintenance and thus operating costs are low. Specific construction measures as would be required for gas extinguishing systems can be avoided.

TECHNICAL KNOW HOW AT THE HIGHEST LEVEL INCLUDING

CONSULTING

- Project Development
- Project Management

DESIGN

- Detection Systems
- Extinguishing Agents
- System Integration

SERVICES

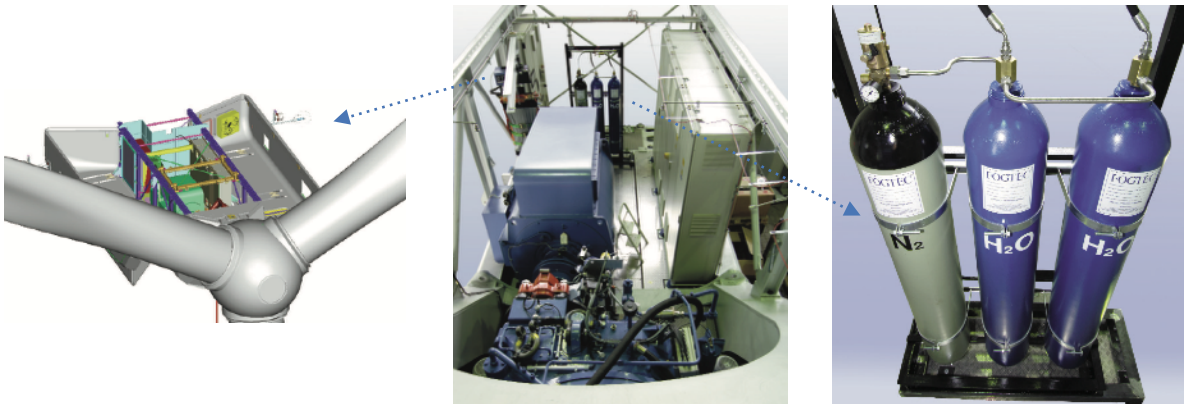
- Installation
- Commissioning
- Training
- 24/7 Service
- Special Trained Personnel



REFERENCE

Fuhrländer AG has, in cooperation with the W2E Wind to Energy company, developed the new Fuhrländer FL 2500. The development and design of the plant prototype was taken charge of by the experienced W2E Team. The construction has been carried out at Fuhrländer AG in Waigandshain. The prototype is positioned in Laasow, Brandenburg.

Protection of this up to now unique plant is ensured by a FOGTEC water mist system which has been installed in the engine room. Owing to the small amount of space required, there was no problem to integrate the FOGTEC system. The nozzle system could be easily installed because of the very small pipe diameters. Since FOGTEC systems are operated mainly using pure water, they are 100% environmentally friendly and harmless to personnel.



ADVANTAGES OF FOGTEC SYSTEMS

- Safe for people
- Fast extinguishment
- Suitability for electronically and electrical environment
- Environmentally friendly
- Minimal water damage
- Simple installation with pipes of small diameter
- Low costs of recharging and short stand down times after discharge
- Tested components

