

Wind power brought into line

- **VGB RDS PP® is a systematic plant designation for the efficient construction and operation of wind power plants**

Essen/Germany. VGB PowerTech, the European Technical Association for Power and Heat Generation, published a new VGB-Standard entitled “RDS-PP® Application Guideline Part 32: Wind Power Plants“*. The new VGB-Standard is based on the international designation system RDS-PP Reference Designation System for Power Plants which supports operators, manufacturers and service providers upon design and planning, construction, operation and maintenance of wind power plants which results in more cost-effective electricity generation from wind power.

The bilingual (German/English) new edition of the VGB-Standard “RDS-PP® Application Guideline Part 32: Wind Power Plants“* fills a gap in the international designation system for electricity generation plants. The bilingual edition supports users on international markets and takes due account of the global markets envisaged by the German wind industry.

The uniform designation systematics of RDS-PP® is being applied over the entire lifetime of wind power plants. For economic design and planning, erection, operation, maintenance and disassembly it is helpful and necessary to structure wind power plants and to clearly designate and label the individual components. Such designation is the basis for indexed plant documentation and standardised product documentation. Besides, it is also the key for successful data management: RDS-PP® provides definite reference addresses for engineering data bases and plant management software thus facilitating the retrieval of technical data of components throughout their entire lifetime. It is the first time that all parties involved, i.e. designers, manufacturers, assurance companies, operators and owners can exchange data digitally with the help of RDS-PP® that is based on international designation standards. Therefore, it offers considerable advantage in comparison to single designation systems developed individually.

The new standards for the definition of plant designations according to VGB-Standard “RDS-PP® Application Guideline Part 32: Wind Power Plants“* enables standardised designation of even more components thus decreasing costs upon design, construction and operation. Apart from member companies of VGB PowerTech, other well-known companies of the wind business also participated in elaborating the new VGB-Standard. The VGB-Standard “RDS-PP® Application Guideline Part 32: Wind Power Plants” brings into line the national and international wind business and makes a valuable contribution to increasing the efficiency of wind power.

*VGB-Standard: RDS-PP® Application Guideline Part 32: Wind Power Plants

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VGB PowerTech e.V. is the European technical association for power and heat generation domiciled in Essen. Its 480 members from 34 countries represent power plant capacity amounting to 455,000 MW, 89,000 MW of which are renewables.

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