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Siemens busbars receive DNV certificate

- **Conformity statement confirms high safety and reliability standards for use in wind turbines**
- **System can now be used in photovoltaic systems thanks to expanded product family**

The DNV GL classification company awarded Siemens the certificate for its busbar trunking system from the Sivacon 8PS product family at the international Wind Energy trade fair in Hamburg. The CS-03832 conformity statement confirms that the LDM system meets high standards of safety and reliability. Especially when it comes to high current intensities, busbar trunking systems are an excellent alternative to classic cable installations. The busbars can be installed in very limited space and ensure high availability and low maintenance. During operation, they feature low fire load and have a PVC and halogen-free design. The systems use solid aluminum as conductors, a material that costs much less than the copper used in cables. It can also easily be recycled after use.

DNV GL is a quality assurance and risk management company that offers certification and independent consulting services by experts for the oil and gas industry, the energy sector, and the shipping industry. Driven by the goal of protecting life, property, and the environment, DNV GL gives companies the opportunity to improve the safety and sustainability of their business.

The busbar trunking systems in the Sivacon 8PS portfolio have been used successfully in wind turbines for several years. The LDM-P busbar trunking system has now been added to the product family. This system is destined for use in solar power plants where extremely high amounts of energy are transmitted in very limited space. The benefits of the technology over cable-based solutions are particularly apparent in this area. These include fast planning and installation, current intensities

up to 7,000 amperes (A), and exact adaptation to other necessary products, such as inverters and transformers. Siemens also provides comprehensive support during the planning phase and enables the customer to achieve integrated and thus very efficient power distribution.

This press release and a press picture are available at

www.siemens.com/press/PR2018100012EMEN

For further information on Division Energy Management, please see

www.siemens.com/energy-management

For further information on busbar systems, please see

www.siemens.com/busbar

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