



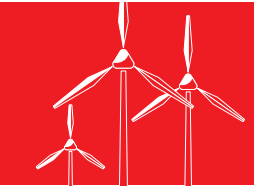
COMPREHENSIVE
INDUSTRIAL SERVICE



MODERN
SERVICE PROVIDER



EXPERT
IN MAINTENANCE



PROFESSIONAL WIND TURBINE GENERATOR REPAIRS

ABOUT US

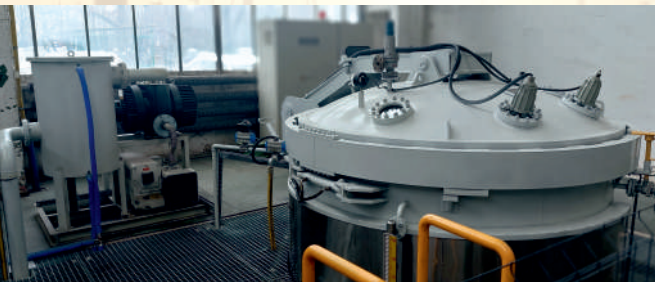
Partner Serwis Sp. z o. o. is a Polish company specialising in comprehensive repairs and modernisations of generators installed in wind turbines of leading manufacturers. We have the necessary competences and experience supported by long-term cooperation with customers from Poland and Europe. Our ISO 9001:2015, ISO 14001:2015 certificates issued by TÜV NORD Polska Sp. z o.o. confirm the high quality of our services and their compliance with global standards. We are certified to overhaul electrical equipment of explosion-proof (Ex) construction.

COMPLETE GENERATOR REPAIR AND MAINTENANCE

Decades of experience in repairing rotating machinery enable us to offer complete repairs and maintenance, as well as upgrades to improve the operation or life of generators. When components are severely damaged or spare part delivery times are long our customised repair solutions allow us to restore generator performance. This minimises wind turbine downtime to a large extent.

The experience of our engineers and staff allows us to repair virtually any type of fault on any type of generator.

The scope of the generator's overhaul is mutually agreed with the customer on the basis of a report drawn up after diagnosis and testing of the generator received. The overhaul possibilities are limited only by the size of the autoclave of our vacuum-pressure impregnation system whose usable dimensions are: 2200mm x H2000mm. The Dolphon class H epoxy resin used in our impregnation process is one of these resins often chosen by wind generator manufacturers for winding impregnation processes.





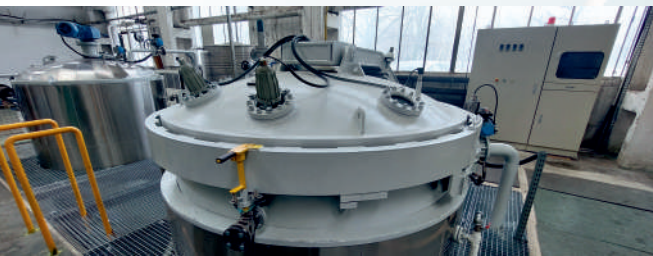
COMPETENCES AND RESPONSIBILITIES

Our expertise in comprehensive repairs, maintenance and upgrades is based on the following factors:

- extensive knowledge of generator design and operation,
- qualified engineers, technicians and service staff,
- a multi-site operating structure covering the whole of Poland
- modern, well-equipped repair and maintenance workshops,
- proper management of material and spare parts inventory,
- responsibility for maintaining an adequate level of service quality,
- tests carried out by the test station which is able to carry out preliminary and final diagnostics of generators in electrical and operational terms, including: vibration,

trembling and thermovision diagnostics, analysis of current and voltage waveforms, measurement of winding insulation, diagnostic tests of bearing nodes. Once the measurements have been carried out and their results analysed in detail, clear reports are prepared with conclusions and recommendations for the users.

- regular contacts with the customer, who is kept actively informed of the progress of the contracted work.



FLEXIBLE CONTRACTS, TAILORED STRATEGY

Under a long-term service agreement, we provide repair services to an international service partner that is a global player in the renewable energy market. The contract which covers a full range of wind turbine generator repairs, has enabled us to align our strategy. It also allows us to maintain a high level of service quality.

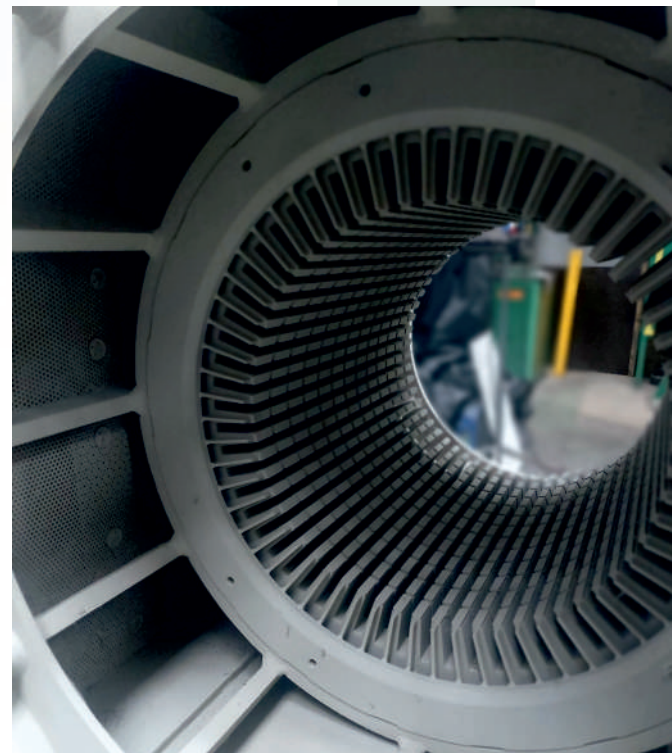
We offer a range of options to meet the specific needs of wind farm operators. The options depend on the requirements and needs. In particular, our customers have access to:

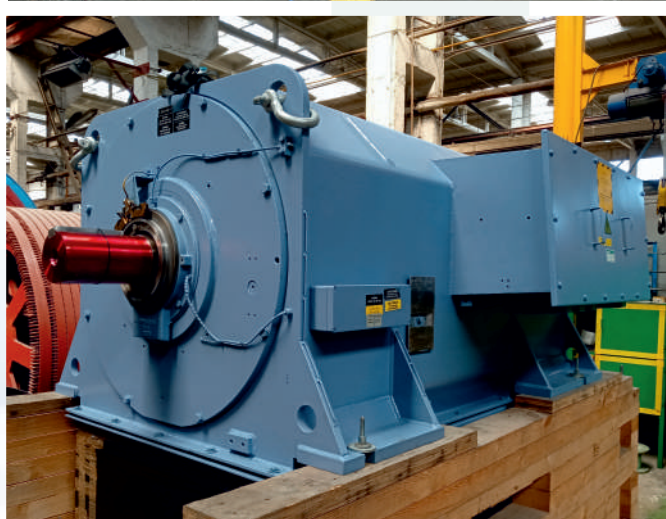
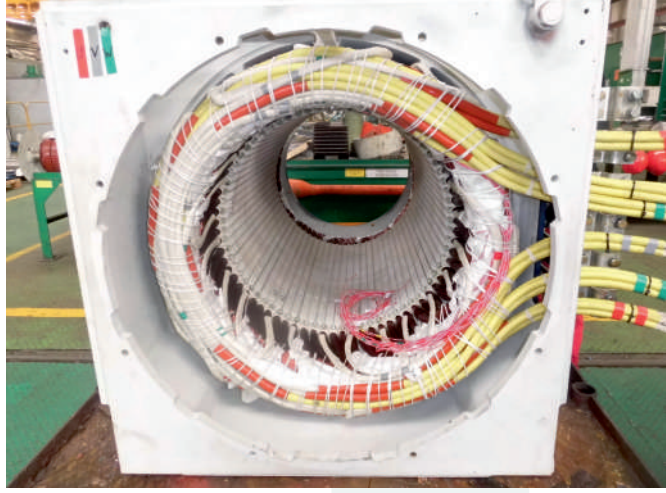
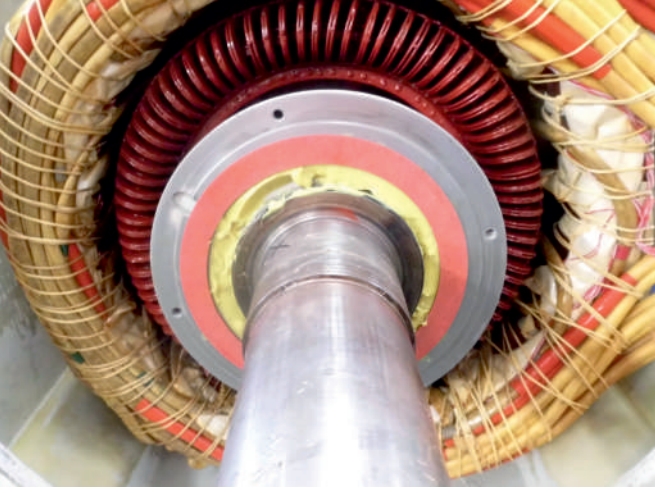
- a permanent stock of key materials and spare parts to reduce a generator repair time,
- a permanent stock of refurbished generators to reduce a process of generator replacement and wind turbine downtime.



QUALITY MANAGEMENT

We are well aware that the cost of downtime or dismantling and reassembling a generator in a turbine itself is disproportionate to the cost of repair. That is why we focus our quality management on the needs of our customers. We work with them to develop individual strategies to meet or even exceed their specific requirements and quality objectives. We use proven quality management tools such as the development of a continuous improvement process, root cause analysis and the LEAN production management system.





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www.WindGeneratorService.com