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Mitsubishi Electric
ADVANCE
The Latest Energy System Products for Overseas Markets

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Technical Reports

Precis

Mitsubishi Electric Corporation uses its reliable technologies to support electric power systems as important infrastructure toward supporting our society and economic activities. This paper describes the following technologies, along with use examples in Japan and overseas: preventive maintenance technologies that contribute to improving the reliability of generators; cubicle-type gas-insulated switchgears for offshore wind turbines; and power system stabilization technologies and asset management systems for supplying generated electric power to required places in a stable way. This paper also describes the application of natural air-cooling-type traction transformers that are installed in trains in Japan and overseas and help save energy, simplify maintenance, and reduce noise.