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November 2, 2021  
Meidensha Corporation  
Mitsubishi Electric Corporation  
Toshiba Energy Systems & Solutions Corporation

### Joint Statement to Pursue Developments of Switchgears Using Natural-Origin Gases

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The 9 companies including Meidensha Corporation, Mitsubishi Electric Corporation, Toshiba Energy Systems & Solutions Corporation, ILJIN electric Co., Ltd., Mitsubishi Electric Power Products, Inc., Nuventura GmbH, Schneider Electric SE, Siemens AG and Siemens Energy Global GmbH & Co. KG have announced today that the companies presented the joint statement to pursue development of switchgears for power grids using natural-origin gases as alternatives to sulfur hexafluoride (SF6) known as a potent global warming gas.

In the present statement, as measures to prevent global warming, it will be significant to develop switchgears using natural-origin gases, such as mixture of nitrogen and oxygen, and carbon dioxide and oxygen, as alternative electrical insulating gases to SF6. The companies are disseminating the positions to power grid operators and government officials all over the world to promote technological innovation toward the practical application of switchgears using natural-origin gases.

[Click here for the statement.](#)

The 9 companies will contribute to the realization of climate-neutrality and sustainable clean energy networks, which is being promoted around the world, by developments of switchgears using natural-origin gases and product supplies.

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