



FOR IMMEDIATE RELEASE

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## **Mitsubishi Electric Wins FACTS Equipment Order from Oncor for Brown Switching Station in Texas**

**TOKYO, Oct. 23, 2012** — [Mitsubishi Electric Corporation](#) (TOKYO: 6503) and its US affiliate [Mitsubishi Electric Power Products, Inc.](#) of Warrendale, Penn. announced today the award of an order for more than \$45 million (USD) from Texas-based electric delivery company [Oncor](#) for two large Static VAR Compensator (SVC) systems at the Brown Switching Station near Brownwood, Texas. The SVC systems will use their total capacity of over 1100 controlled Mvar. to provide post-contingency support and voltage regulation for the Oncor power system.

This order comes as a milestone for Mitsubishi Electric in North America, where the company continues to expand its flexible AC transmission system (FACTS) business for SVCs and other grid-stabilizing equipment. The Oncor SVCs will be placed into commercial operation in January of 2014.

Demand for transmission and distribution equipment in North America is expected to increase due to the growth of renewable energy systems, and replacement demand for aging infrastructure such as switching stations. According to the International Energy Agency's World Energy Outlook 2011, renewable-based electricity generation will increase five-fold from 52 gigawatts in 2009 to 251 gigawatts by 2030 in the United States. The renewable energy rate to total power generation capacity will expand from five percent in 2009 to 19 percent in 2030, the agency reports. Because of the renewable energy's unsteady power output and its distance from urban load centers, it is important that renewable energy sources are stabilized by transmission and distribution equipment.

Texas is a recognized national leader in renewable energies. The SVC systems will support the transmission of renewable energy from generation sites in West Texas to population centers across the state.

"Oncor has trusted Mitsubishi Electric over the past two decades with their transmission equipment needs," said Brian Heery, president and CEO of Mitsubishi Electric Power Products, Inc. "We appreciate the confidence that Oncor has now shown in our power electronics expertise with this SVC award."

### **Specifications of the SVCs**

Components	Transformers, harmonic filters, thyristor controlled reactors (TCRs), thyristor switched capacitors (TSCs)
Voltage	345 kV
Rated capacity	Reactive power: -265MVar, +300MVar
Capacity of transformers	300,000kVA
Number of units	2 units

### **Main components**



Transformers



Harmonic filters

### **About Mitsubishi Electric Power Products, Inc.**

Headquartered in Warrendale, Penn., Mitsubishi Electric Power Products, Inc. is a US affiliate of Mitsubishi Electric Corporation of Japan, and serves the North American power systems, rail transportation and water treatment industries with electrical and electronic products, systems and services. Products include gas circuit breakers, vacuum circuit breakers, power transformers, gas insulated sub-stations, power electronics and electricity transmission technologies, generator services, ozone water treatment systems, uninterruptible power supplies and rail transportation equipment. Information on Mitsubishi Electric Power Products' complete line of products and services can be found at [www.MEPP.com](http://www.MEPP.com). Mitsubishi Electric Power Products' Diamond Vision division markets large-scale video displays for stadiums and arenas, including the Guinness World Record-holding display at Cowboys Stadium. To learn more, visit [www.Diamond-Vision.com](http://www.Diamond-Vision.com).

### **About Mitsubishi Electric Corporation**

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 3,639.4 billion yen (US\$ 44.4 billion\*) in the fiscal year ended March 31, 2012. For more information visit <http://www.MitsubishiElectric.com>

\*At an exchange rate of 82 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2012

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*Customer Inquiries:*

Power Systems

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<https://www.MitsubishiElectric.com/ssl/contact/bu/powersystems/form.html>

(North America)

Power Systems

Mitsubishi Electric Power Products, Inc.

[www.MEPPI.com](http://www.MEPPI.com)