

Preview POWER-GEN Europe 2017, 27th – 29th June 2017, Cologne

Smart solutions for power generation to support the energy transition

Ratingen, Germany 8th June 2017

At POWER-GEN Europe 2017, Mitsubishi Electric will be presenting scalable automation and electrical solutions for the key issues faced by the power generation industry today. Requirements for increased flexibility and greater efficiency are both addressed, in addition to staying competitive during the energy transition process.

A picture of today's power generation sector is an industry where outages need to be reduced. Where increasingly stringent legislative targets must be met and where greater levels of renewables have to be integrated. This includes the recent update to the EU's energy targets, which include a 20% cut in greenhouse gas emissions, a 20% share for renewable energy and a 20% improvement in energy efficiency, all by 2020.

A 2030 climate and energy framework then calls for even more action in the following decade, reducing greenhouse gases by forty percent, creating a twenty seven percent share for renewables and achieving at least a twenty percent improvement in energy efficiency compared to those of 1990. Mitsubishi Electric is demonstrating a range of smart automation [solutions](#) that help meet this challenge.

Solutions for automation and electrical

Morteza Seraj, Director Process Automation at Mitsubishi Electric's Factory Automation – European Business Group explains how effective control and automation holds the key to addressing the re-defining

process within the power generation industry. “Energy transition means combining more, often smaller scale, power sources into an intelligent network and maximizing the efficiency of each one. This is why Mitsubishi Electric offers scalable and individual solutions for the automation and electrical needs of the whole sector. We are individually servicing customers who are managing existing plants, constructing a new plant, upgrading an existing plant, or working to integrate and balance a number of different [energy sources](#).”

Customer-oriented technologies and individual services

The portfolio of technologies now available from Mitsubishi Electric for the power generation industry is highly customer-oriented. Application specific solutions are suitable for both new-build and retrofit projects. More universal solutions start with plant electrical, automation and control equipment and extend all the way to a highly sophisticated [virtual power plant](#) (VPP) control solution that can integrate and optimise multiple power supply and generation resources.

All of which will be represented on the company stand V45 in hall 7 at POWER-GEN Europe 2017 exhibition in Cologne, Germany from 27th – 29th June.

Note:

See how Mitsubishi Electric is able to respond to today's automation demands: eu3a.mitsubishielectric.com/fa/en/solutions

Image captions:



Picture 1: At the Power-Gen Mitsubishi Electric is demonstrating a range of smart automation and electrical solutions that help to meet the challenges of the energy transition.

[Source: Getty Images]



Picture 2: Morteza Seraj, Director Process Automation at Mitsubishi Electric's Factory Automation – European Business Group explains how effective control and automation holds the key to addressing the re-defining process within the power generation industry. “Energy transition means combining more, often smaller scale, power sources into an intelligent network and maximizing the efficiency of each one.”

[Source: Mitsubishi Electric Europe B.V.]

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Note to Editor: if you would like the text in another language please contact Philip Howe at DMA Europa – philip@dmaeuropa.com.

About Mitsubishi Electric

With over 95 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation is a recognised 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, as well as in products for the energy sector, transportation and building equipment.

Mitsubishi Electric aims to be a global and leading environmentally friendly company in the direction of its corporate principle "Changes for the Better" and the environmental policy "Eco Changes" and to enrich the society with its technologies.

The Company has achieved group sales of Yen 4,238.6 billion (\$ 37.8 billion*) in the fiscal year end on March 31, 2017. For more information; www.MitsubishiElectric.com

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

**Exchange rate 112 Yen = 1 US Dollars, last updated 31.03.2017 (Source: Tokyo Foreign Exchange Market)*

Factory Automation – European Business Group

Mitsubishi Electric Europe B.V., Factory Automation European Business Group (FA-EBG) has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of FA-EBG is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

Further Information:

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