

Press release

Dubai, September 14, 2021

Siemens Energy technology selected by Hitachi Zosen Inova for Waste-to-Energy plant in UAE

- Siemens Energy technology to support region's largest waste-to-energy power plant
- Power plant will reduce municipal waste in landfills and provide renewable energy

Siemens Energy has been selected by Hitachi Zosen Inova to provide power equipment for the Dubai Waste Management Center waste-to-energy plant (wte), in the UAE, which will be the largest in the Middle East region when it is completed in 2024.

Hitachi Zosen Inova is part of a consortium, comprising Dubai Holding, Dubal Holding, ITOCHU Corporation, BESIX Group, and Tech Group, to develop the plant, which will be built and operated under a 35-year concession period with Dubai Municipality.

Siemens Energy will primarily supply electrical house substations to deliver distributed power to the entire process plant, which will be in continuous operations.

Siemens Energy will provide equipment such as switchgears, distribution transformers, and a variety of other power solutions for the project, designed to meet stringent requirements, to ensure highly reliable operations and low emission electricity.

The Dubai Waste Management Center will have capacity to process 1.9 million tons of waste per year, which is equivalent to 45 percent of Dubai's current municipal waste generation, and convert it to renewable energy.

The facility supports the Dubai Clean Energy Strategy 2050, as well as the goals set out by Dubai Municipality, to minimize the volume of municipal waste in landfills and develop alternative energy sources, sustainably and ecologically.

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“We are proud that our innovative technologies have been selected by Hitachi Zosen Inova to support the Dubai Waste Management Center. This will be a regional landmark for sustainability, reducing landfill waste, and producing renewable energy,” said Dietmar Siersdorfer, Managing Director, Siemens Energy Middle East.

“This is an ecologically important project for the country, in terms of sustainability and renewable power generation with low emissions, and will encourage further sustainable developments throughout the region. Siemens Energy’s efficient technology will be fundamental to ensuring highly reliable operations, whilst meeting stringent requirements,” said Roni Araiyy, Country Sales Director at Hitachi Zosen Inova and responsible for the Middle East.

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Siemens Energy is one of the world’s leading energy technology companies. The company works with its customers and partners on energy systems for the future, thus supporting the transition to a more sustainable world. With its portfolio of products, solutions and services, Siemens Energy covers almost the entire energy value chain – from power generation and transmission to storage. The portfolio includes conventional and renewable energy technology, such as gas and steam turbines, hybrid power plants operated with hydrogen, and power generators and transformers. More than 50 percent of the portfolio has already been decarbonized. A majority stake in the listed company Siemens Gamesa Renewable Energy (SGRE) makes Siemens Energy a global market leader for renewable energies. An estimated one-sixth of the electricity generated worldwide is based on technologies from Siemens Energy. Siemens Energy employs more than 90,000 people worldwide in more than 90 countries and generated revenue of around €27.5 billion in fiscal year 2020. www.siemens-energy.com.