

## **ABB wins \$79 million order to strengthen power supply in United Arab Emirates**

*400 kV substation will help create a national power grid in the UAE*

Zurich, Switzerland, November 28, 2005 – ABB, the leading power and automation technology group, has won a \$79 million order from Abu Dhabi Water & Electricity Authority (ADWEA) for the Fujairah 400-kilovolt (kV) substation.

Soaring demand for electricity and volatile peak load swings in the UAE have led to an interconnection project to link five isolated utilities into a national power grid, called the Emirates National Grid (ENG). This 400-kV substation – the first of its size awarded to ABB in the UAE - will connect the Fujairah Water and Power Plant to the ENG.

“We are pleased that ABB substation technology was chosen to support an interconnection that will increase power transmission capacity and power quality in the United Arab Emirates,” said Peter Smits, head of ABB’s Power Technologies division. “Our speedy delivery and high-quality products and systems will help develop one of the fastest growing power markets in the world.”

Scope of supply includes two 500-megavolt ampere (MVA) transformers; two 20-megavolt ampere reactive (MVAR) reactors, and two 50-MVAR reactors; 20 400-kilovolt (KV) GIS (gas insulated switchgear) bays; 21 132 KV GIS bays; as well as substation control and monitoring systems, protection, telecommunication, LDC integration and complete civil works.

ABB factories in Switzerland, Sweden and Germany will manufacture the equipment. The ENG is expected to be finished by the end of 2006; the Fujairah substation must be completed within 18 months.

ABB ([www.abb.com](http://www.abb.com)) is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 103,000 people.

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