

As a world leader, our teams provide reliable, efficient and environmentally friendly transmission and distribution solutions to improve network stability and make electricity available everywhere.

OUR FOCUS ON INNOVATION

To help our customers meet growing energy demands, fight climate change and manage increasingly complex grids, our market-oriented R&D teams develop tailored and competitive solutions focused on improving:

- **Reliability**, through state-of-the-art products, such as FACTS (Flexible Alternating Current Transmission Systems) and HVDC (High Voltage Direct Current) technology, ensuring secure, high-quality energy supply;
- **Efficiency**, through power electronics applications that improve active power flow and reduce congestion; market management systems that allow the efficient operation of and trading between energy markets; and low-loss transformers that increase network performance;
- **Environmental-friendliness**, by connecting CO₂-free power generation and renewable energy sources to the grid and providing eco-designed and low visual impact products such as concrete substations in environmentally coordinated colors;
- **Stability**, through FACTS devices that help integrate renewable generation onto the grid and stabilize AC networks, and on-line stability solutions that contribute to blackout prevention via phasor measurement units, advanced modeling and visualization techniques.

In addition, we offer proven solutions and platforms, such as the **eterra** suite, that are available to support the new design and application requirements of smart grids in all network operation and business domains—thus **making smarter grids a reality**.

» All over the world, AREVA provides its customers with solutions for carbon-free power generation and electricity transmission. With its knowledge and expertise in these fields, the group has a leading role to play in meeting the world's energy needs.

Ranked first in the global nuclear power industry, AREVA's unique integrated offering covers every stage of the fuel cycle, reactor design and construction, and related services. In addition, the group is expanding its operations in renewable energies, including biomass, wind power and fuel cells. AREVA is also a world leader in electricity transmission and distribution and offers its customers a complete range of solutions for greater grid stability and energy efficiency.

Sustainable development is a core component of the group's industrial strategy. Its 75,000 employees work every day to make AREVA a responsible industrial player that is helping to supply ever cleaner, safer and more economical energy to the greatest number of people.

www.areva.com

Our contact centre is available 24/7

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Energy is our future, don't waste it!

AREVA T&D at a glance



From emerging to mature markets, AREVA T&D's worldwide teams respond to your local needs.

OUR BUSINESS STRATEGY

To support our customers and help them meet the global energy challenges of today and tomorrow, AREVA T&D offers a unique pool of expertise:

- Customer-oriented, skilled and committed people;
- Innovative and efficient products, technologies and services;
- A global footprint supported by local teams;
- Strict compliance with AREVA's values charter.

OUR AREAS OF EXPERTISE

We provide global solutions to industrial partners in their need for flawless energy and to utilities in their mission to supply energy to people around the world:

- Turnkey substations, bringing together the right mix of products, expert engineering and complete project management;
- Substation equipment, such as high and medium voltage transformers, circuit breakers, disconnectors and instrument transformers;
- Network management, protection and control solutions;
- Network consulting, asset management, refurbishment and spare-part solutions to manage electrical installations in a secure and efficient way throughout their lifecycle.

OUR COMMITMENT TO SUSTAINABILITY

At the heart of our industrial and operational activity is the AREVA Way, our commitment to continuous improvement. We endeavor to provide the safest working conditions and ensure the highest-quality products and services while developing solutions and operating our business with respect for the environment and local communities.

2008 KEY FIGURES

▶ **€6 bn**
orders intake
(+4% vs. 2007)

▶ **€5 bn**
sales revenue
(+17% vs. 2007)

▶ **31,000**
employees

▶ **30,000**
customers in over
160 countries

▶ **72**
industrial sites
worldwide

▶ **28**
expertise and
competency centres

Americas

15% of orders intake
13% of sales revenue
13% of employees

MANUFACTURING SITES
Brazil, Canada, Colombia, Mexico,
United States, Venezuela

Europe

40% of orders intake
41% of sales revenue
54% of employees

MANUFACTURING SITES
Austria, Belgium, Finland, France,
Germany, Hungary, Italy, Poland,
Russian Federation, Spain, Sweden,
Switzerland, Turkey, United Kingdom

Africa and Middle East

21% of orders intake
21% of sales revenue
4% of employees

MANUFACTURING SITES
Saudi Arabia, Syria

Asia-Pacific

24% of orders intake
25% of sales revenue
29% of employees

MANUFACTURING SITES
Australia, China, India, Indonesia,
Japan, Malaysia, Pakistan

2008 HIGHLIGHTS

Business development

- **5,000 new employees** joined AREVA T&D in 2008.
- **Finland:** Nokian Capacitors Ltd., based in Tampere, joined AREVA T&D, bringing Capacitor and Static VAR Compensator engineering and manufacturing expertise.
- **India:** AREVA T&D and GE Consumer & Industrial created a strategic alliance to work on turnkey electrical solutions.
- **Brazil:** Waltec Equipamentos Eletricos, based in Blumenau, joined AREVA T&D bringing

dry-type transformer and low and medium voltage switchgear expertise.

■ **China:** AREVA T&D's partnership with Shanghai Electric Corp. was extended in order to triple power transformer production capacity over the next five years.

■ AREVA T&D **increased industrial capacity worldwide**, with factory extensions at Mönchengladbach (Germany), Aix-les-Bains (France) and Oberentfelden (Switzerland) as well as launching greenfields in Turkey, China, Poland and India.

Commercial successes

- **India:** Orders from ESSAR Constructions Ltd. for projects in Gujarat and Madhya Pradesh.
- **Algeria:** Contract with NAFTEC to provide gas-insulated switchgear and power transformers for the biggest oil refinery in Africa.
- **Canada:** Turnkey contract with Hydro One Networks Inc. to supply the largest Static VAR Compensator in Ontario.
- **UK/France:** Contract with National Grid and RTE to enhance reliability and reinforce availability of IFA 2000, the world's largest subsea HVDC link.

■ **France:** Contract from EDF Energies Nouvelles to design and supply all electric substations for France's biggest solar plant in Narbonne.

■ **Bahrain:** Contract to design, manufacture and commission 10 transformer-rectifier groups for ALBA, the largest aluminum producer in the Middle East.

■ **Uruguay:** Turnkey contract with Interconexiones del Sur to build an HVDC back-to-back converter station to interconnect Brazil and Uruguay's power networks.