In a world with huge energy potential, ABB’s strengths can make the difference. Africa is home to some of the most beautiful and abundant resources on Earth. How can we harness this energy to enrich the future of the world’s fastest growing continent?

- Microgrid systems provide electricity to 70% of those gaining access in rural areas.
- 50% of the growth in electricity generation is predicted to come from renewables.

ABB is promoting business growth and a better quality of life.

- Providing cheap and readily available energy.
- Supporting distributed geographies.
- Home to the 4th largest power station in the world.

In Egypt, electricity consumption rose annually 7% between 2000-2010. Automation systems support the Aswan 2,600 MW Hydro Plant and Ansaldo 600 MW Power Plant. Over 30% of Egypt’s power is automated by ABB.

- In Algeria, ABB provides unique automation for a unique 150 MW integrated combined cycle and solar power plant.
- Hydro mechanical and ICE packages for the MAO Water Transfer System, a 50 MW pumping station.
- EBoP for the biggest desalination plant in the country.

Between 2011 and 2030 Algeria intends to install around 22,000 MW of renewable energy production. Over 30% of Egypt’s power is automated by ABB. ABB provides control for the expansion of the Azito combined-cycle power plant.

**Promoting the local economy that has been growing 6% a year**

- Symphony Plus to maximize production & reliability at the Kafu Gorge 990 MW Hydro Power plant in Zambia.
- Supporting 5,000 employees of which 1,500 are engineers.
- 20 regional sales & service centers throughout the region.
- 8 local manufacturing hubs on the continent.

Rich in energy resources

- 70% of people are without access to electricity. That’s twice the population of the United States.

New trends on the rise

- In Algeria, ABB provides unique automation for a unique 150 MW integrated combined cycle and solar power plant.
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Huge hydropower potential in the Sub-Saharan region

**4800 MW**

Kusile is the biggest automation order in the history of ABB.

**And this is just the beginning...**

Sources:
- Industrial Information Resources, www.industrialinfo.com
- International Rivers, www.internationalrivers.org/resources/grand-inga-hydroelectric-project-an-overview-3356

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