

# ABB supports key water supply project in Yunnan province

Beijing, August 9, 2011 –ABB, the leading power and automation technology group, recently announced it will provide power and automation equipment for the pumping stations of the Yunnan Niulanjiang-Dianchi Water Supply Project. ABB offerings will ensure the efficient and reliable operation of the pumping stations, helping the city of Kunming to overcome its water shortage problems.

Robert Larsson, head of the ABB Discrete Automation and Motion Division, North Asia Region and ABB China, said, “Water resources are the fundamental element of regional economic development and crucial to the city’s inhabitants. Leveraging our full range solutions, proven leading technology and rich engineering expertise, ABB has participated in a number of large scale water resource projects in China and around the world. By delivering core equipment for the Yunnan Niulanjiang-Dianchi Water Supply Project, we will further demonstrate our industrial strength and customer recognition of the water industry.”

ABB will supply ACS 6000 medium voltage drives rated at 22 MW, transformers, and cables for the pumping stations construction. The pumping station is the key component of the water projects. It comprises pumps, electromechanical devices, and auxiliary buildings and is responsible for providing adequate water pressure and ensuring the water is transmitted to the designated areas through the pipeline.

The Niulanjiang-Dianchi Water Supply Project is one of key multiple purpose water resource projects in Yunnan. It supplies additional water to improve the ecology environment of Dianchi Lake and provides industrial and domestic water when Kunming city meets water shortage. The project runs about 116 kilometers and locates the water intake point at the Deze Reservoir, Qujing City of Yunnan. The project is expected to finish by the end of 2012, supplying at least 600 million cubic meters of water annually to the Dianchi Lake.

As urban populations grow and the demand for drinking water increases, the water sector has been identified as a key growth area for ABB. The company, with its long-standing expertise and trusted solutions, has contributed to a large number of water treatment plants and distribution networks in China and around the world.

In China, ABB has contributed to a number of water projects including the South-to-North Water Diversion Project. In the key subproject Huinanzhuang Pumping Station in Beijing, ABB’s advanced drive solution has ensured the efficient and reliable operation of the pumping station, helping to supply clean water to Beijing and adjacent areas. In addition, ABB’s core equipment have been used in the step-down substations of the Beijing–Shijiazhuang Emergency Water Supply Project. In 2009, ABB delivered motors to the water intake and distribution pumping stations that transfer fresh water from Xijiang River to Guangzhou. ABB’s core equipment has ensured the pumping stations efficiently meet the water demand of over half of the residents of Guangzhou, as well as securing the water supply during the 2010 Guangzhou Asian Games.

Improving water supply capacity is a key target of China’s water construction and development as set by the country’s 12th Five-Year Plan. From 2011 to 2015, China targets the completion of water allocation systems including the South-to-North Water Diversion Project, the East-West Inter Supply Project, and the River-Reservoir Joint Adjustment System, helping to resolve water shortages in the Southwest and Northwest regions and increasing the annual water supply capacity by 40 billion cubic meters.

ABB ([www.abb.com](http://www.abb.com)) is a leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 124,000 people. ABB has a full range of business activities in China, including R&D, manufacturing, sales and services, with 16,300 employees, 31 local companies, and an extensive sales and service network

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