



### **GE Breathes New Life into Taiwan's Largest Hydroelectric Power Plant**

- *GE Will Provide Upgrade Service to Taiwan Power Company to Renew Startup Frequency Converters of Mingtan Power Plant*
- *The Upgrade Will Help to Extend the Hydro Plant's Operational Life by 20 Years, with Reduced Maintenance Work and Improved Efficiency*
- *GE's Expertise Will Enable Uninterrupted Operations of the Power Plant During the Upgrade*

TAIPEI CITY, TAIWAN—November 22, 2016—With its installed capacity of 1,602 megawatts, the Mingtan Pumped Storage Hydro Power Plant is Taiwan's largest hydroelectric power plant and has a crucial role in supplying the region with clean and reliable energy.

GE's Power Conversion business (NYSE: GE) was recently chosen by Taiwan Power Company to provide an upgrade service, which will help to extend the hydro plant's operational life by 20 years. As one of the leading suppliers of equipment for pumped-storage power plants, GE has played an active role in facilitating a cleaner energy mix by augmenting the adoption of hydro power in various regions of the world.

Within the service contract, GE will provide upgrades to two sets of startup frequency converter (SFC) control systems, which will improve harmonic levels at the plant. In addition, GE will also provide uninterruptible power supply systems and conduct factory acceptance tests as well as on-site tests.

Thanks to GE's expertise in providing high-end engineering solutions, the power plant will continue to operate throughout the upgrade procedure. Upon the conclusion of these upgrades, the operational life of the plant will be extended, all while improving efficiency and reducing maintenance work. GE's solution will also allow the generator startup to be energized by both thermal and hydro power.

"GE's deep technical knowledge has been evident as they updated key equipment at Mingtan Pumped Storage Hydro Power Plant. Thanks to their competent engineering team, crucial upgrades were carried out without impacting operations at the plant," says a spokesperson from Taiwan Power Company.

"We are proud of our partnership with the Taiwan Power Company. Through this partnership and building on our engineering expertise, we have been able to play an important role in upgrading the biggest hydro power plant in Taiwan by providing productive, long-lasting, low-maintenance technology," explains Haiming Li, China service director, GE's Power Conversion business.

The SFC control systems provided by GE can potentially also find applications at thermal power plants owned by the Taiwan Power Company.

## **About GE**

GE (NYSE: GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry. [www.ge.com](http://www.ge.com)

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For more information, please contact:

Wenlin Jin, GE  
Power Conversion, External Affairs  
+33 1 53 59 28 45  
+33 6 10 13 02 53  
[wenlin.jin@ge.com](mailto:wenlin.jin@ge.com)