



### **GE's Energy Consultants to Study Operation and Security of Cambodian Electrical Grid**

- *Study findings aim to help capacity building and enhanced grid performance and security*
- *By implementing findings from the study Electricité Du Cambodge could realize greater network reliability and availability*
- *In addition to the Cambodia Grid Study, EDC will be awarding a 5 year software Maintenance and Services contract to provide specific software maintenance and support to the EDC's EMS system*

Phnom Penh —December 18<sup>th</sup>, 2014—Today, Electricité Du Cambodge (EDC), Cambodia's government-run utility, contracted [GE's Energy Consulting business](#) (NYSE: GE) to evaluate the country's grid system and deliver recommendations on how the utility can enhance reliability, availability and security of the electric system, while simultaneously optimizing the efficient use of grid equipment.

This study marks an important step in EDC's efforts to enhance the grid infrastructure in the country, as it continues to experience significant economic and population growth. This growth requires the country to import energy from other countries in the region, which could pose reliability, availability and security challenges. The GE study will help EDC and the Cambodian government to ensure a reliable supply of electricity that makes optimal use of its existing assets, a critical component for the country's continued growth.

In addition to the Cambodia Grid Study, to further enhance the GE-EDC partnership in Cambodia, EDC will be awarding a 5 year software Maintenance and Services contract to GE. This contract will allow GE to provide specific software maintenance and support to the EDC's Energy Management System (EMS) system as well as local training to the EDC staff to further enhance their EMS system operation knowledge and skillsets.

Since 2010, GE has been a software technology partner of EDC, supplying, implementing and maintaining the EMS software and solution for EDC. The EMS system is a mission critical, key component in an electric utility grid, and the GE EMS system has helped EDC to monitor, control, and optimize the performance of the EDC generation and transmission system.

GE's Energy Consulting business is highly regarded within the industry for its extensive expertise. Over the last several decades, it has worked closely with regulators and policymakers around the world to analyze large interconnected power systems, while delivering recommendations to help ensure the supply of reliable, efficient, secure and affordable power. In addition to this study for EDC, GE has performed similar grid studies in other growing countries such as Bangladesh, Nigeria and Myanmar.

"We're honored to be chosen by EDC and the Cambodian government to perform this important analysis of the country's grid," said Dr. Ravi Segal, Managing Director-India region, GE's Energy Consulting business. "With this grid study, we will be able to help EDC to better understand the opportunities to further enhance the reliability, availability and security of the Cambodian grid, while

helping ensure the most efficient use of their existing infrastructure to support the country's growing electricity demand."

U.S. Ambassador to Cambodia William E. Todd said, "The US government supports Cambodia's continued economic growth through increased investment by U.S. companies like GE. Today, we witnessed an important milestone in the country's target to strengthen infrastructure that will drive growth and improve the lives of Cambodians."

"Reliable and efficient electrical infrastructure is critical to help drive Cambodia's economic growth, and GE is pleased to work alongside the Cambodian government and EDC to help develop the country's grid. Prior to our partnership with EDC on the EMS Service and Cambodia Grid Study, GE brought its Waukesha gas engine technology to power a new rural, rice husk biomass-energy project. The project is Cambodia's first integrated biomass gasification-gas engine solution designed to supply renewable electricity to the local grid in support of the country's rural electrification goals," said Dararith Lim, Country Leader GE Global Growth and Operations Cambodia.

Along with the study work, GE's expert energy consultants will also be providing training for EDC's utility engineers, further advancing their skills, as those engineers implement the study's recommendations and continue their focus on delivering secure and reliable power to their customers throughout the country.

The study, which will examine Cambodia's complete grid, will be completed in approximately six months.

GE was established in Cambodia in 2007 and has been continuously building its base while developing partnerships with the private and public sectors. GE businesses that have started to become active in Cambodia are GE Power & Water, GE Healthcare, GE Industrial Solutions, GE Energy Management, GE Transportation, and GE Home and Business Solutions. In 2008, GE Foundation's Developing Health Globally program was expanded to Cambodia with over \$10 million worth of donated medical equipment, accessories, air conditioning as well as servicing, training of doctors in key provincial referral and national hospitals across the 24 provinces. In addition, earlier this year the foundation also committed a \$3.2 million safe water project in the country.

### **About GE's Energy Consulting Business**

For nearly a century, GE's Energy Consulting experts have focused on solving the electric power industry's most pressing challenges—driving the evolution of electric power systems with greater affordability, reliability and efficiency. Today, GE's Energy Consulting team continues this tradition by providing innovative solutions across the entire spectrum of power generation, delivery and utilization. With its cross-company resources, GE's Energy Consulting business is able to serve a diverse global client base with a strong local presence.

### **About GE**

GE (NYSE: GE) works on things that matter. The best people and the best technologies taking on the toughest challenges. Finding solutions in energy, health and home, transportation and finance. Building, powering, moving and curing the world. Not just imagining. Doing. GE works. For more information, visit the company's website at [www.ge.com](http://www.ge.com).

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