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For Immediate Release:

## **KEPCO gives the green light for largest UR order in Korea**

*National utility's new power plant utilizing GE Power Management's UR technology for full-scale automation and control*

**Markham, ON, November 2, 2001** – GE Power Management announces that Korea Electric Power Corp. (KEPCO) of South Korea has just finalized a deal with YPP Digitech Corp., an authorized GEPM distributor, for the purchase and installation of 115 [Universal Relays](#) for integration into a single sub-network. This is the largest UR order to date for the national utility, as well as the first in which the relays have been approved for a power plant installation.

The landmark order is part of an overall initiative on the part of KEPCO to expand and upgrade its entire utility infrastructure. The new URs – including a combination of breaker, feeder management, transformer and generator relays – will be used in the Yeoung Hueng Do project, a new 2 X 800 MW KOSEPCO (Korea South-East Power Generation Company) power plant, which is scheduled for completion in 2002. KEPCO now has a total of 19 500MW units in operation, and five more 500 MW units under construction.

John M. Bek, Chairman and CEO of YPP Digitech, says, “The Korean utility market is undergoing tremendous expansion in recent years. KEPCO is being very aggressive in its plans to keep pace with ever-increasing customer demand through upgrading its 450 existing facilities and the building of new sites. While KEPCO has worked with the UR in the past on individual line transmission applications, the Yeoung Hueng Do project is the first full-scale automation and control system for a power plant.”

Peter Buttle, Regional Manager, Asia-Pacific for GEPM, comments, “Like any utility today, KEPCO is facing a need to improve services and expand operations while improving efficiencies. This can only be achieved through the implementation of advanced automated monitoring and control capabilities, which is what the UR is designed to provide. With its PC-based architecture and advanced peer-to-peer communications, the UR is rapidly becoming an integral part of numerous automation projects in Korea and around the world. GEPM and YPP

have worked closely with KEPCO in the past with great success, and hope that we will continue to work together on their automation and control initiatives in the future.”

**About the UR**

GE Power Management UR products are PC-based solutions that support the open standard EPRI UCA™ MMS/Ethernet protocol. All UR products combine peer-to-peer high-speed communication capabilities with modularity, flexibility and field-programmable FlexLogic™ control for simplified substation automation. UR products include the **B30** Bus Differential Relay, **C30** Controller, **C60** Breaker Management Relay, **D60** Line Distance Relay, **F35** Feeder Protection Relay, **F60** Feeder Management Relay, **G60** Generator Protection Relay, **L60** Line Phase Comparison Relay, **L90** Line Differential Relay, **M60** Motor Management Relay, **T60** Transformer Management Relay and the **R30** Data Recorder.

**About KEPCO**

Now celebrating 40 years of operations, Korean Electric Power Corp., headquartered in Seoul, is the national utility for South Korea. Currently, the utility operates six power generating subsidiaries, and has 450 substations servicing 15 million customers. For more information, please visit: [www.kepcoco.kr](http://www.kepcoco.kr).

**About YPP Digitech Corp.**

Founded in 1993, YPP Digitech Corp. is an authorized GE Power Management distributor and value added reseller based in Seoul, Korea. The company specializes in the development and implementation of electrical and process control systems for major industrial, utility, and petrochemical companies. Its services include professional engineering, integration, commissioning and maintenance for advanced substation automation systems. For more information, contact [www.yppdigitech.com](http://www.yppdigitech.com).

**About GE Power Management:**

GE Power Management, based in Markham, Ontario, Canada, specializes in the design, manufacture, sales and service of protection, metering and control equipment as well as automation systems for generation, transmission, distribution and for industrial plants around the world. For more information, visit the website at <http://www.GEindustrial.com/pm>.

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