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**For Immediate Release****Telkonet Stages Free Smart Grid Webinar on Deploying Powerline Communications (PLC) Technology for Intra-Substation Communication**

*Substation automation at the top of the agenda, looking at how PLC can deliver proactive, reliable real-time data monitoring*

August 10, 2009: Germantown, MD – Telkonet, Inc. (NYSE Amex: TKO), a Clean Technology company that develops and manufactures proprietary energy management and Smart Grid networking technology, announces that it is hosting a free-access utility substation automation Webinar on Wednesday, August 26, 2009. Utility companies are continually researching new methods of improving substation operation, with reliable communications often requiring a disproportionate investment in fiber laying and equipment. The Webinar looks at the role played by powerline communications (PLC) technology as a viable alternative, using the existing low voltage or control wires to provide a reliable, secure communications network within a substation. The agenda includes an in-depth discussion regarding the proactive monitoring of transformers and other equipment to improve reliability together with saving operation and maintenance costs, with PLC providing the communications channel between a Control House and the Transformers/ Circuit Breakers.

Featuring industry professionals from Dynamic Ratings and SDG&E, along with Telkonet's resident expert Teejay Reidl, Telkonet's Webinar will provide a comprehensive comparison of the various communication-enabling technologies, together with specific installation examples.

**Webinar topics:**

- Substation challenges in capturing, monitoring, and measuring data, particularly between the control house and intelligent electronic devices (IEDs)
- Comparison of wireless, BPL, PLC and other communication technologies
- How PLC addresses the stringent demands of the substation environment
- PLC deployment scenarios
- Case studies using PLC technology

**Who should attend?**

- Substation Asset Managers
- Substation/Transformer Engineers
- Substation Operations Manager
- Communication/SCADA Engineers
- Substation Automation Engineers

**Presenters and Moderator:**

- *Mike Rodriguez*, Senior Project Engineer, Dynamic Ratings
- *Terry Snow*, Principle Engineer, San Diego Gas & Electric
- *Teejay Riedl*, Integration Engineer, Telkonet
- *Jeff Sobieski*, Chief Operating Officer, Telkonet

**Date, Time and Registration Details:**

Wednesday, August 26, 2009 – 2 PM Eastern / 11 AM Pacific  
To attend, register by Friday, August 21 to ensure your free participation at [http://www.telkonet.com/webinar\\_signup.php](http://www.telkonet.com/webinar_signup.php)

**About Telkonet**

Telkonet provides integrated, centrally-managed energy management and Smart Grid networking solutions that

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improve energy efficiency and reduce the demand for new energy generation. The company's energy management systems, aimed at the hospitality, commercial, government, healthcare and education markets, are dynamically lowering HVAC costs in over 140,000 rooms, and are an integral part of various utilities' green energy efficiency and rebate programs.

Primarily targeting Smart Grid and utility applications, Telkonet's patented powerline communications (PLC) platform delivers cost-effective, robust networking, with real-time online monitoring and maintenance capabilities, increasing the reliability and energy efficiency across the entire utility grid. [www.telkonet.com](http://www.telkonet.com).

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