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# **Networked Telkonet SmartEnergy Reinforces New York University's Sustainability Initiatives**

## **Installed in University Residence Halls, Networked Energy Management System Reduces Costs and Qualifies for Potential NYSERDA Rebates**

GERMANTOWN, Md.-- Telkonet, Inc. (NYSE Alternext:TKO), a Clean Technology company that develops and manufactures proprietary energy management and SmartGrid networking technology, reports that its Networked Telkonet SmartEnergy<sup>TM</sup> (NTSE) solution is installed in two residence halls at New York University (NYU), the largest private university in the United States.

The University initially conducted a successful two-month trial of the stand-alone Telkonet SmartEnergy system across twenty dormitory rooms in 2008, which achieved approximately 10% in energy savings by eliminating wasted heating and cooling of unoccupied dorm rooms. Based on these results, NYU moved forward with a project in August 2008, installing NTSE in two of its twenty-four dormitories, with the goal of installing additional dormitories during 2009.

NYU has a goal of achieving a 30% reduction in its greenhouse gas emissions by 2017. Heating and cooling in resident hall rooms is a significant contributor to NYU's overall energy use, thus a system which enables passive energy use reduction is very helpful to achieving that goal. The program's eligibility for participation in NYSERDA's efficiency programs helps make the technology affordable for the University.

The NTSE system is currently installed at NYU's 26<sup>th</sup> Street and Alumni residence halls. The NTSE system has achieved over 147 hours of HVAC runtime reduction per room over a four month period. In line with the key requirement to control and change any heating or cooling parameter, remotely and in real-time, the NTSE installation enables the University to monitor and manage each individual room's HVAC from a central location.

Upgrading to the NTSE system provides the University with additional flexibility during student breaks, when the rooms are unoccupied. This "deep sleep" mode prevents the problem of freezing pipes in rooms left with the heating off, or from wasting energy if it is continuously left on. The NTSE system also allows for the adjustment of setpoints in response to any load curtailment events.

### **About Telkonet**

Telkonet provides integrated, centrally-managed energy management and SmartGrid networking solutions that 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 125,000 rooms, and are an integral part of various utilities' green energy efficiency and rebate programs. Primarily targeting SmartGrid 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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Source: Telkonet, Inc.