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Helsingin Energia Wins Green Enterprise IT Award from the Uptime Institute

Company recognized for creating technology to innovatively use the heat generated by computers for heating buildings and domestic water.

Helsinki (May 17 , 2010) – Helsingin Energia today announced it was selected as a winner of the prestigious 2010 [Green Enterprise IT \(GEIT\) Awards](#) presented by the Uptime Institute. The GEIT Awards showcase organizations that are pioneering energy-efficiency improvements in their IT and data center operations, or that provide technology that can significantly reduce energy consumption. Helsingin Energia was honored as a winner at the fifth annual [Uptime Institute Symposium](#) taking place in New York City through May 19th. Helsingin Energia will also present a case study about its award-winning initiative to the Symposium audience.

Helsingin Energia is being recognized in the category "Beyond the Data Center" for its innovative technology in which the heat generated by computers is piped into the district heating network to heat up buildings and domestic water in Helsinki. The computers are cooled by district cooling produced by heat pumps, cold seawater and thermal energy from energy generation that would otherwise be wasted. The first solution utilizing this concept was implemented in partnership with the ICT service company Academica Oy.

"Eco-efficient computer halls can save a considerable volume in electric energy and utilize wasted heat. It is possible that in the future, a significant proportion of the buildings in Helsinki will be heated by thermal energy generated by data centers", says project manager Juha Sipilä.

The Uptime Institute's 2010 Green Enterprise IT Awards were cosponsored by Jones Lang LaSalle and New York State Energy Research and Development Authority (NYSERDA). Applications for the Awards were evaluated by an independent panel of expert judges selected by the Institute.

Helsingin Energia is one of the largest energy companies in Finland and it belongs to the world top class in energy efficiency. Helsingin Energia supplies electric energy to nearly 400 000 households in Finland and is active in the Nordic Energy Market. It covers more than 90% of the capital city's heating demand with district heating and produces and sells district cooling to buildings in Helsinki. Electricity, district heating and district cooling are produced in the same processes reaching an efficiency rate (over 90% of the fuel generated to energy) which is among the best in the world.

About the Uptime Institute:

The Uptime Institute (uptimeinstitute.org) is the leading independent think tank and research body serving the global data center industry. Its annual Uptime Institute Symposium is *the* landmark conference on enhanced IT efficiency and productivity. The Institute also operates private knowledge communities exclusively for data center owners and operators, the [Site Uptime](#)

Networks, with representatives from 100 of the largest institutions and corporations in the world. The Uptime Institute delivers consulting services and site assessments through its management and engineering consulting arm, Uptime Institute Professional Services. Uptime Institute Professional Services also manages the Tier Program, which consists of the Tier Standard: Topology and its technical supplements and certifications of data center sites and professionals.

The Uptime Institute is part of The 451 Group, a leading independent IT research and analyst organization focused on the business of enterprise IT innovation. The 451 Group also operates Tier1 Research, which analyzes the financial and industry implications of developments impacting public and private companies within the hosting, communications and Internet infrastructure sectors.

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