

3RD GLOBAL
DISTRICT
ENERGY
CLIMATE
AWARDS

September 23 , 2013 | New York City

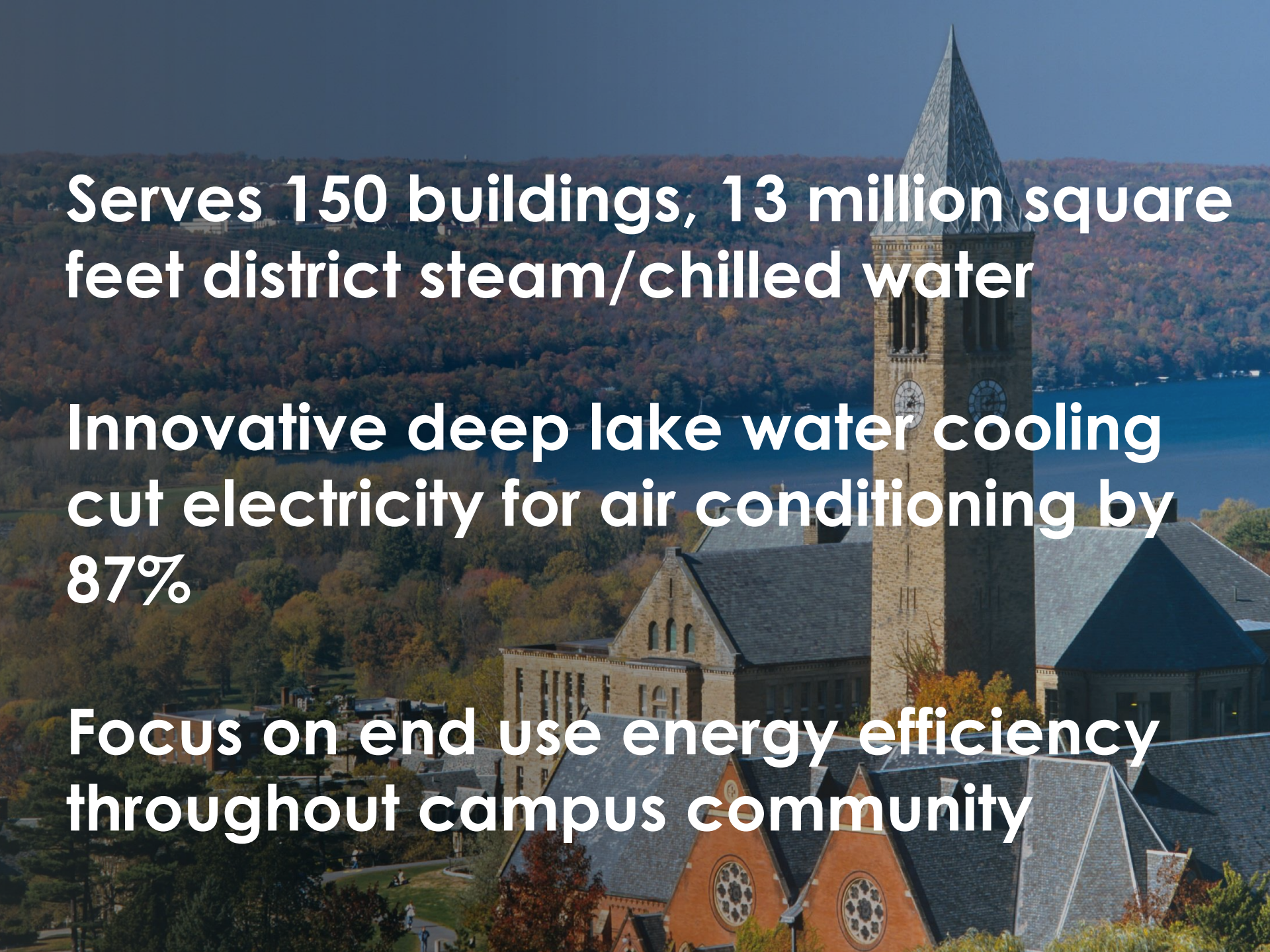
Award of Excellence:

Campus System





ITHACA
NEW YORK
USA

An aerial photograph of a university campus. In the foreground, there are several large, multi-story brick buildings with gabled roofs and circular windows. A prominent, tall, stone clock tower with a pointed roof stands in the middle ground. In the background, a large body of water is visible, surrounded by a dense forest of trees with autumn foliage. The sky is clear and blue.

Serves 150 buildings, 13 million square feet district steam/chilled water

Innovative deep lake water cooling cut electricity for air conditioning by 87%

Focus on end use energy efficiency throughout campus community



Integrated 36 MW CHP in 2010

Able to “island” power generation for greater campus reliability

New plant production displaces electricity previously purchased from the local utility company

Turbines have the ability to use bio-oil



Produce 215 million kWh of electricity annually

Shift from coal to natural gas while increasing overall efficiency to 78%

Greenhouse gas reduction equivalent to removing 11,000 cars from the road

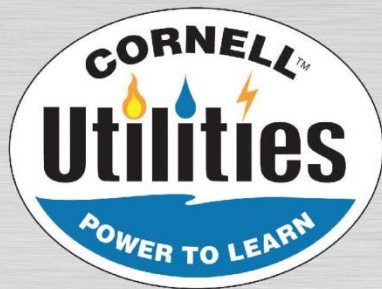
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AWARD OF EXCELLENCE

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Awarded to **Cornell University** 

September 23, 2013 | New York City, NY



This is to certify that **Cornell University** has been officially recognized by a team of international experts chaired by the International Energy Agency (IEA) Technology Network, for its outstanding achievement in demonstrating local District Energy leadership in providing clean, sustainable energy solutions to protect against the risk of climate change.



Robert Thornton
President & CEO, IDEA



Robin Wiltshire, Technical Director, BRE
Chair, IEA Implementing Agreement
on District Heating & Cooling



Frederic Hug
President, Euroheat & Power