

# Princeton Microgrid



## Princeton Microgrid

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### Home , Princeton University

Through teaching and research, we educate people who will contribute to society and develop knowledge that will make a difference in the world.

### Meet Princeton , Princeton University

Princeton University is a vibrant community of scholarship and learning that stands in the nation's service and the service of humanity. On campus and around the world, Princetonians are making a



### Princeton Resilient Campus

The Siemens Princeton Microgrid is one of the first to combine renewable energy solutions with both building management and energy management solutions. The result is an innovative, resilient and

### Solar Expansion Project

As Princeton builds out its microgrid and expands the use of geo-exchange technology on Campus, the electric heat pumps in the new TIGER facility will be



### Admission & Aid , Princeton University

Princeton is a vibrant community that seeks to attract and support students of all backgrounds and interests. We are a leader in ensuring

admitted students can afford college, offering one of the

### Siemens Princeton Microgrid Infographic

The Siemens Princeton Microgrid project was designed to address the challenges of decarbonization and distributed energy resilience. Besides increasing energy



[recognition of Princeton's microgrid s till Two years af ter](#)

idents, emergency workers and crucial facilities when the next disaster strikes. Specifically, attention has fallen on Princeton's "microgrid," an efficient on-campus power generation and delivery network that

### [Princeton University Microgrid. Which Once Overcame a Tropical](#)

"It was a point of pride to get through this regional crisis and be a place of support, not an additional burden on the community," said Ted Borer, former director of the Princeton energy plant, a



### Apply , Princeton Admission

Princeton's Transfer Program looks for a small group of exceptionally well-prepared students from a range of backgrounds, and we particularly encourage applications from students from lower-income

### Princeton University Admission

Princeton University is a vibrant community of

scholarship and learning that stands in the nation's service and in the service of all nations.



### Siemens Princeton Microgrid Infographic

The Siemens Princeton Microgrid is one of the first to combine renewable energy solutions with both building management and energy management solutions. The result is a cost-effective, cyber-secure

### Graduate Admission

Graduate Admission Princeton prepares graduate students for distinguished careers in research and teaching, and as leaders in the public and private sectors.



### Microgrid

Generating and distributing power locally, with a microgrid, provides a reliable and cost effective electricity system. When Hurricane Sandy hit New Jersey in October 2012, Princeton's

### Academics , Princeton University

Princeton is a global institution, and there are vast opportunities to learn and pursue research beyond the University's campus. Geographically extensive programs offer Princeton students and scholars



### Studying at Princeton

Princeton's commitment to undergraduate



### Princeton University Microgrid

The heart of the Princeton microgrid is the cogeneration plant (center), which was constructed in 1996. The plant produces electricity as well as steam used for heat, hot water and sterilization.



### About Princeton University

About Princeton University Chartered in 1746 as the College of New Jersey-the name by which it was known for 150 years-Princeton University was British North America's fourth college. Located in



education is profound. As a student, you benefit from the extraordinary resources of a world-class teaching and research university, and our low student-to



### Case study: Microgrid at Princeton University

Recognized among the best-in-class microgrids, Princeton's gas-fueled CHP plant produced the heating, cooling, and electricity for the campus



### [Princeton University Microgrid, Which Once Overcame](#)

Princeton's microgrid-which became well known for riding through Superstorm Sandy more than 13 years ago-has been upgraded with heat pumps and a

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