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OUCooling Director

Benefits to Customers

- 01** **Reduced Customer Capital Investment**
- OUC provides design and construction of chilled water central energy plant.

- 02** **Reliable Operation and Maintenance Service**
- OUC is responsible for the operation and preventive/predictive maintenance of the chilled water plant equipment.

- 03** **Risk Management**
- Remote monitoring with 24/7 response
 - EPA refrigerant compliance
 - Cooling Tower water management (ASHRAE Standard 188- Legionella)

- 04** **A Sustainable Cooling Solution**
- Energy efficient systems
 - Water conservation
 - May contribute towards Leadership in Energy and Environmental Design (LEED) certification

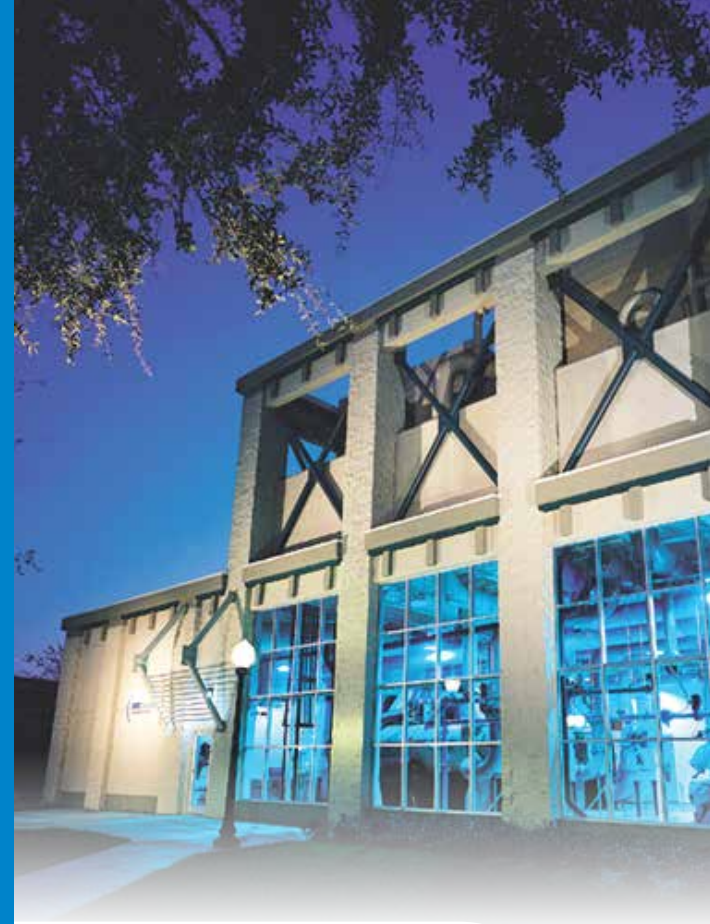
WWW.OUC.COM/OUCOOLING

For more information on chilled water, visit
WWW.OUC.COM/OUCOOLING



Orlando Utilities Commission
100 West Anderson Street Orlando, Florida 32801
WWW.OUC.COM

2016-01



State of the Art Chilled
Water Central Energy Plants



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COOLING THE HOTTEST NEW PLACES IN TOWN

OUC—The *Reliable One* is cooling some of the hottest areas in Orlando. From Lake Nona's Medical City to downtown's growing sports and entertainment district, venues such as the UCF Medical School and the Dr. Phillips Center trust *OUCooling* to provide efficient and reliable service.

WHAT IS OUCOOLING?

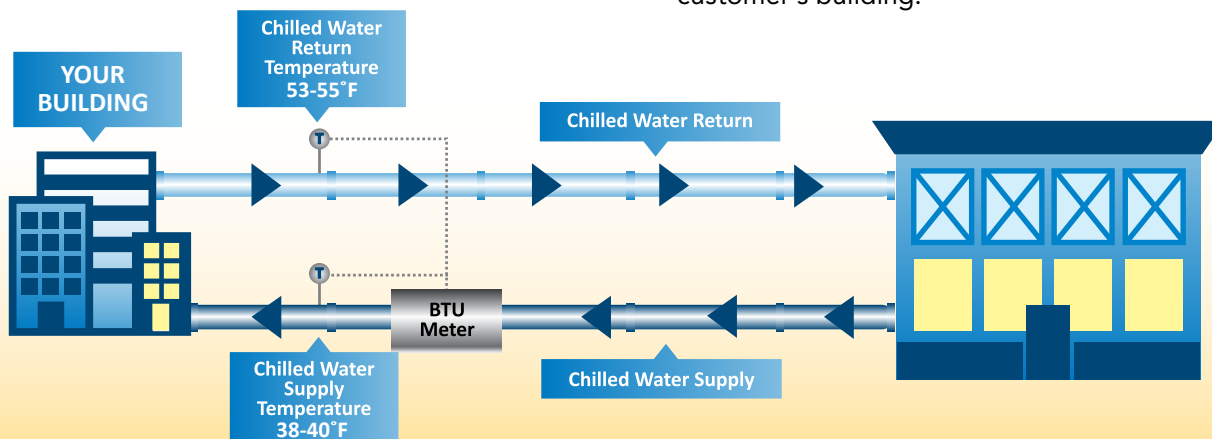
OUCooling is a sustainable solution that reduces capital costs and takes the hassle out of air-conditioning. Our innovative and reliable service enables commercial property owners to outsource the production of chilled water for their air-conditioning needs.

In 1997, OUC pioneered district cooling in central Florida with the construction of the first chilled water plant for Lockheed Martin in south Orange County. The following year, OUC commissioned a second cooling district with the construction of the Downtown South Central Energy Plant. Now the chilled water business unit – *OUCooling* – provides cooling to a diverse group of customers, including multifamily residential, commercial offices,

high-end retail, mixed-use developments, government agencies, college campuses, research and manufacturing facilities, convention centers and resorts.

How *OUCooling* Works

Most large commercial buildings are air-conditioned by chilled water fan coils. As warm air is blown over these coils, it is cooled as it passes through. The equipment used to cool the water (chiller, cooling tower and pump) is housed and maintained by OUC in one central location. At the *OUCooling* facility, water is chilled to 38–40 degrees Fahrenheit and piped to participating buildings. The water is recycled back to the plant to repeat the cooling cycle. Similar to electric and water utilities, a BTU meter is installed at the customer's building.

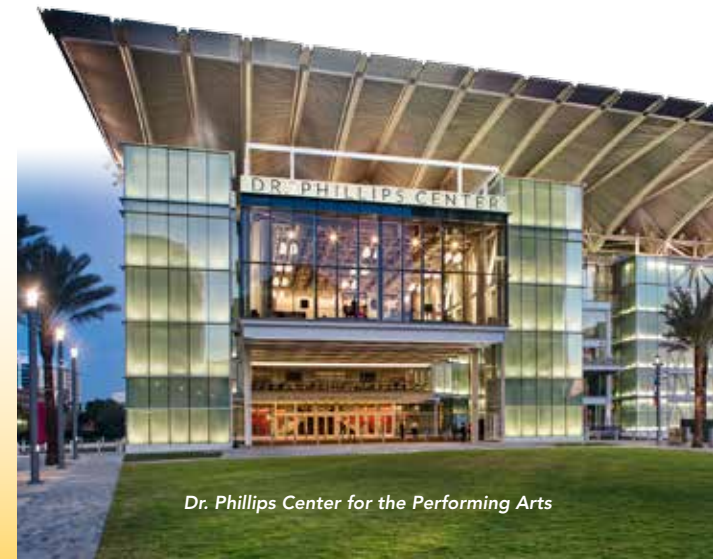


Our Customers

Every month, *OUCooling* brings the economy and security of district cooling to more and more customers. Some of the Orlando-area companies already enjoying the benefits of *OUCooling*:

- Amway Center
- City View Apartments
- CNL Center
- Dr. Phillips Center for the Performing Arts
- Embassy Suites Downtown
- First Presbyterian Church
- Florida A&M College of Law
- Hughes Square
- Lincoln Tower
- Lockheed Martin
- Mall at Millenia
- Orange County Convention Center
- Orlando City Hall
- OUC's Administration Building
- Sheraton Vistana Villages–
- UCF College of Medicine at Lake Nona
- Westin Grand Bohemian Hotel

For questions about *OUCooling* or for more information, contact OUC at 407-434-2647, or email erocher@ouc.com.



Dr. Phillips Center for the Performing Arts