

A NEW CUSTOMER

GEMS World Academy debuts in Chicago

Located just blocks from internationally recognized cultural institutions and Lake Michigan, GEMS World Academy (GWA) will open this September in Chicago, its first location in the United States. The school – one of Thermal Chicago’s newest district cooling customers – is part of a network of international schools run by GEMS Education, the largest K-12 private education operator in the world. The school will offer students the opportunity to interact with their peers in countries around the world.

GEMS Education invested \$160 million in its Lakeshore East site, which will ultimately feature two buildings that include state-of-the-art classroom space, a planetarium, a media center, fitness center, a 25-meter swimming pool, a 500-seat auditorium and a rooftop playground.

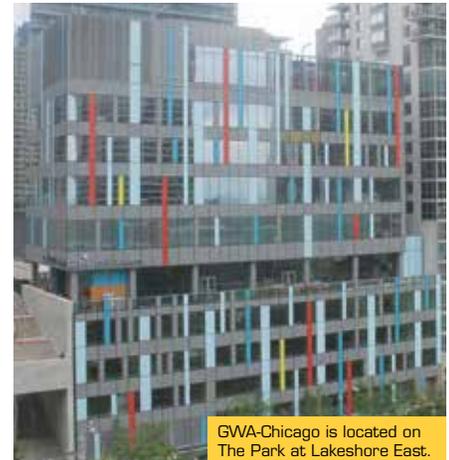
Designed by bKL Architecture and constructed by Power Construction Company, the first building is nearing completion. The 82,000-sq-ft, 10-story structure features a vision- and translucent-glass exterior that provides optimal city views and maximizes internal light to enhance learning. It also includes an elevator designed to easily move a full class of students from floor to floor.

Once the second building – a 240,000-sq-ft, 16-story high-rise – is constructed, the campus will accommodate about 2,100 students. Both buildings are designed to LEED standards.

“GWA-Chicago has been extremely well-conceived,” says Geoff Jones, head of GWA-Chicago. “Our location and our physical space support our core values – global citizenship, pursuing excellence, growing

by learning and leading through innovation. GWA-Chicago gives our students an educational passport to Chicago and the world.”

Thermal Chicago connected the building to its chilled-water system earlier this year. “Given our location, it was important for



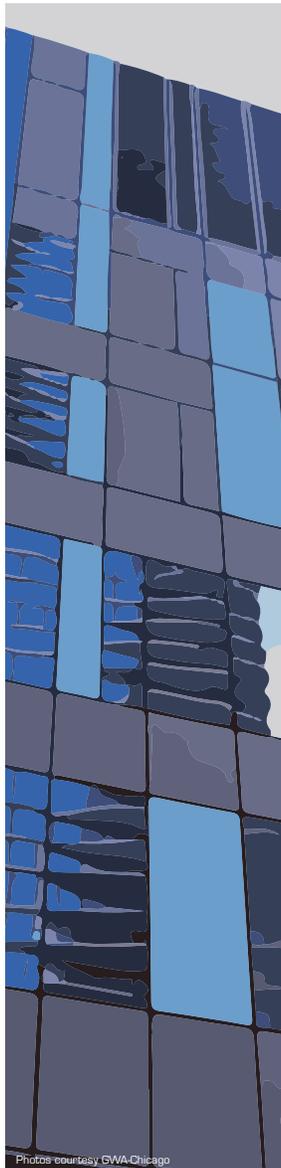
us to optimize space,” says Jones. “District cooling from Thermal Chicago enabled us to do that, as the architects didn’t have to make room for chillers and cooling towers. Instead they put those spaces to better use, such as a rooftop playground. District cooling also means occupants of adjacent buildings won’t have to look at cooling tower plumes or deal with related moisture and noise drift from our building. All in all, Thermal Chicago allowed us to achieve our space-intense programming goals and be a good neighbor.”

Thermal Chicago welcomes GEMS World Academy to the U.S. and Chicago!

First GEMS School in U.S.



Max. 22 students per elementary classroom



Photos courtesy GWA-Chicago

OWNERSHIP CHANGE

Thermal Chicago welcomes Brookfield as new owner

Macquarie Infrastructure Company has agreed in principle to sell Thermal Chicago Corporation’s district cooling assets in downtown Chicago and a district heating and cooling complex at a major Las Vegas hotel and casino to affiliates of Brookfield Asset Management (“Brookfield”).

Brookfield is a proven infrastructure investor with a solid track record of owning and operating district energy systems in Toronto, Houston and New Orleans. It was

attracted to Thermal Chicago’s 20-year track record of reliable, high-quality service and its cooling technologies.

Brookfield is well-equipped to continue Thermal Chicago’s tradition of excellence. Toronto’s district energy system provides heating and cooling service to more than 150 downtown customers. The New Orleans cooling system serves mission-critical operations such as the regional medical center. Brookfield’s system in Houston pipes chilled

water to downtown buildings, many of which were modernized or repurposed structures.

Brookfield also recently agreed to purchase Seattle’s district steam system that serves 100 buildings and uses waste wood as a fuel, significantly reducing its carbon footprint.

Thermal Chicago looks forward to working with our new owner and is enthused about the opportunities ahead.

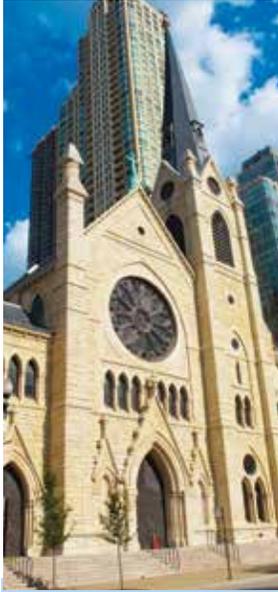


Brookfield District Energy Assets

- Current
- Purchase Pending

Less time allocated to operation and maintenance

District cooling from Thermal Chicago offers unsurpassed ease of building operation. Easy control and maintenance help reduce labor and administrative costs. And since cooling system operation takes up less time, personnel are more available to respond to the building's other needs.



MORE THAN COOL

Holy Name Cathedral a telling presence in the city

The history of Holy Name Cathedral Parish reflects the history of Chicago. It has embraced Chicago immigrants, survived the Great Chicago Fire and now is a vibrant downtown parish with 4,500 households.

Most recently, the Cathedral faced two debilitating events: a structural deficiency and a major fire. True to form, the parish responded and repaired the Cathedral, a testament to the faith and

the mission that propel it forward.

Holy Name has been a Thermal Chicago district cooling customer since 2012, which allows the parish to focus on faith formation and outreach rather than chiller operation. "We had our own chiller plant for years," says Deacon Stan Strom, Holy Name's chief of staff. "But we didn't want to further invest capital and human resources in a new plant, as that would

divert both from other parish needs. So we turned to Thermal Chicago. The result has been service predictability and smooth operation without any surprises. Our decision to use Thermal Chicago has given us peace of mind. Chilled water is always there when we need it."

Thermal Chicago is honored to be of service.

INSIDE

Meet GEMS World Academy-Chicago, one of our newest customers.

Welcome Brookfield, our new owner.

Business Development Manager on the job

Thermal Chicago is pleased to welcome Bonnie Ernst, who joined the company in January as business development manager. She hit the ground running and has been working with new customers and their project teams to coordinate interconnection, permitting and rights-of-way issues.

She also facilitates service agreement renewals and provides metrics to help existing customers understand their energy use. Bonnie knows district cooling systems well, as she helped develop the district cooling system in downtown Houston. She is a licensed professional engineer, a Certified Green

Building Engineer and a Certified Energy Manager. Prior to Thermal Chicago, Bonnie worked for an engineering firm and was responsible for building commissioning. She also was a sales engineer with two major chiller manufacturers. We're pleased she's on our team.



CONTACT

Bonnie Ernst
Business Development Manager
312.447.0304
bonnie.ernst@thermalchicago.com