



Photography: © Anna Wesolowska



## South Side Cooling Tower Consolidation, Metropolitan Museum of Art New York, NY

Kohler Ronan and the Metropolitan Museum have enjoyed a long-standing relationship which has resulted in nearly 100 completed projects since 2002. Projects across the multi-building, 2,000,000 square-foot facility have ranged in scope and size, and have included both prominent gallery spaces as well as hidden mechanical rooms.

One mechanical project on which we recently collaborated was the South Side Cooling Tower Consolidation. The shared goal of this project was to upgrade a very outdated cooling system featuring four separate chillers and cooling tower installations across multiple wings of the museum. While certain of this equipment was serviceable, much of it was nearing the end of its lifespan. Kohler Ronan's engineering team designed a two-phase plan in which old equipment would be dismantled and removed, and a new system provided to consolidate the loads served by the removed equipment. New equipment included a 1,000 ton centrifugal chiller in the mechanical basement, eight, low-profile cooling towers located on the roof, and associated pumps and condenser water piping. The system provides the museum with chilled water capacity to meet current loads and redundancy in the event of equipment failure or maintenance.

To learn more about this and other engineering projects, please visit [www.kohlerronan.com](http://www.kohlerronan.com).



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