

What is the Ice Spray System (IS)

- The Ice Spray system (IS) is an original Encapsulated Ice Storage System used to reduce peak capacity normally incurred by a building's HVAC system without affecting comfort levels in the building.
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- Typically the Cooling Energy is stored at night, and used during the day in lieu or simultaneously with the chiller production.
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- The IS System is used in association with centralized chiller plants designed for large buildings or District Cooling networks.
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- The IS System is the most simple reliable and cost effective system to store cooling energy in the HVAC field.
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- The IS System affect the following parameters:
 - the designed chiller plant capacity which can be strongly reduced.
 - the electrical energy consumption which can be spread out over 24 hours or totally stopped during the peak period.
 - the production reliability which is improved because two different energy sources are used.
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