

# Commercial HVAC using ice thermal storage



**Client: Mid-American Energy, Sioux City, Iowa**

## **Project Description:**

Replaced an existing swept surface ice harvester system with high maintenance.

## **Project Scope:**

- ▲ Installed two ORE-50 MaximICE Slurry Ice units
- ▲ Installed two compressor/condenser skids
- ▲ Daily cycle TES cycle
- ▲ Existing ice storage tank used
- ▲ Existing baseload chiller used
- ▲ Fully automatic, unmanned TES installation



APPLYING INTELLIGENT ENERGY