



SIMPLIFY YOUR HEATING, COOLING

District Energy Corporation’s (DEC) efficient thermal energy plants can serve your heating and cooling needs and reduce impacts on our environment.

How it works

There’s no need for you to install boilers, furnaces, chillers or air conditioners required by traditional systems in your facilities. Instead, you can use DEC’s plants to heat and cool your building — lowering your operating costs.

Steam and hot or chilled water are produced at several central plants and piped underground to your establishment. The DEC transfers energy to the property via an energy transfer skid for space heating and cooling, domestic hot water heating, process heating and process cooling.

District energy systems have proven to be an efficient and cost-effective way to meet the heating and cooling needs of multiple buildings and often increase the use of renewable energy technologies. The DEC is:



RELIABLE

- High-quality production, distribution and control equipment is used at a central plant.
- DEC staff work around the clock to prevent interruptions in your service.
- Uniform space heating and cooling you and your customers can count on.



COST-EFFECTIVE

- Eliminates on-site chillers, reducing electricity demand and kilowatt usage.
- Decreases maintenance and labor costs and increases usable building space.
- Adds value to existing infrastructure and conserves customer funds for other uses.



EFFICIENT

- State-of-the-art control systems are used to monitor efficiencies, enabling use of demand-side electricity management.
- Heating and cooling are available without switching major equipment on and off to handle daily and seasonal load variations.
- Customers only use the amount of heating and cooling energy they need, generating little to no waste.

Who we are

In 1989, the City of Lincoln and Lancaster County formed the District Energy Corporation. DEC is a nonprofit joint entity whose mission is to provide low-cost, reliable and efficient thermal energy services.

Initially, these services were provided to the County-City building and Lancaster County Jail. Today, the scope of DEC's operation has expanded to include the Nebraska State Capitol, Nebraska State Office building, Nebraska State Administration office, Hall of Justice building, Court House Plaza building, K Street Records facility, 605 building, 825 building, Lancaster County Adult Detention facility, Pinnacle Bank Arena, Canopy Lofts, Hyatt Hotel/Hobson Place Condominiums, Oscar Projects, The Railyard, Hudl, Canopy Row, Lincoln Electric System's Operations Center, and Nebraska State Penitentiary. In total, DEC provides service to nearly 4 million square feet.

The DEC enables customers to develop cost-effective and environmentally friendly infrastructure that benefits the community now and in the future.

FACILITIES

DEC meets the heating and cooling needs of its customers with district heating and cooling systems. It comprises six thermal energy plants in Lincoln, Nebraska. Thermal energy produced at these plants is distributed to customers through an underground network of insulated pipes. These systems use 10-15 percent less energy than the conventional heating and cooling systems traditionally installed in buildings today



DEC
ENERGY

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Our Vision

Striving for energy excellence.

Our Mission

Provide low-cost, reliable and efficient thermal energy services to enhance and enable economic development of the Lincoln community.

