



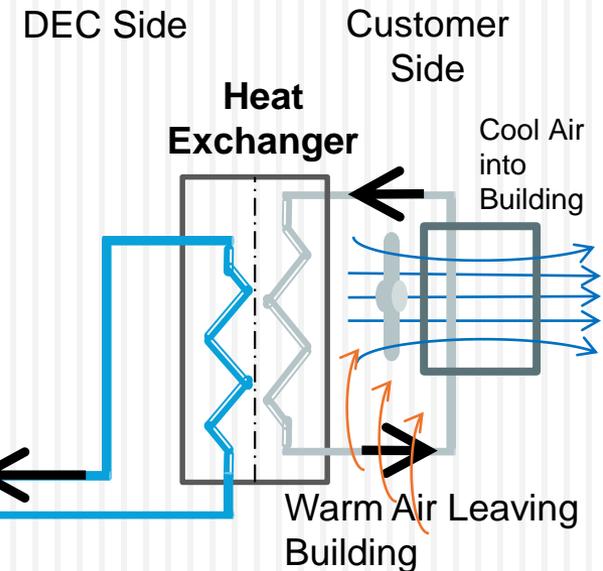
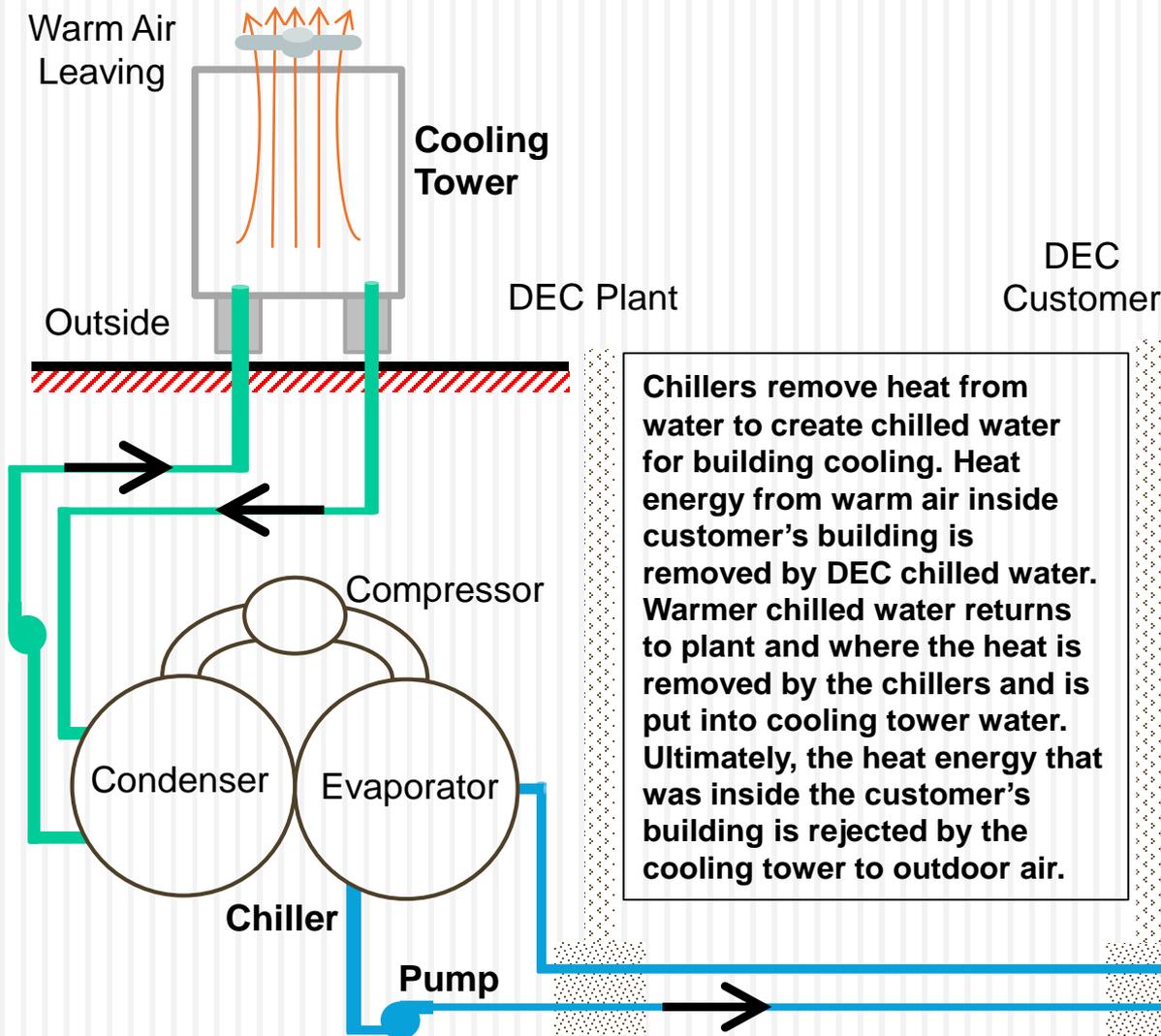
**Warm in the winter and cool
in the summer **since 1989.****

- **District Energy (DE)** is the local production and distribution of thermal energy and comprises of two main elements*
 - A **central energy plant** containing equipment that produces thermal energy in the form of steam or hot water for heating, or chilled water for cooling. The central plant may also incorporate combined heat and power (CHP) units which produce electricity and useful thermal energy
 - A **network of pipes** to distribute the thermal energy from the central plant to the buildings. This network of underground pipes can carry hot water, steam, or chilled water
- DE is a long-term investment to improve the physical infrastructure of the community it serves*
- DE systems are commonly found at universities, downtown business centers, hospital campuses, and industrial parks

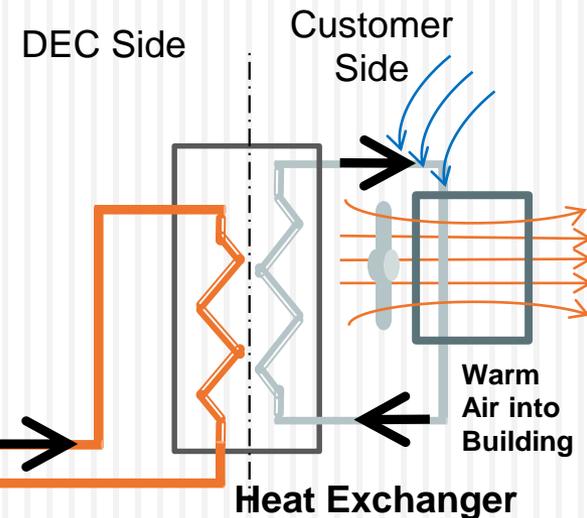
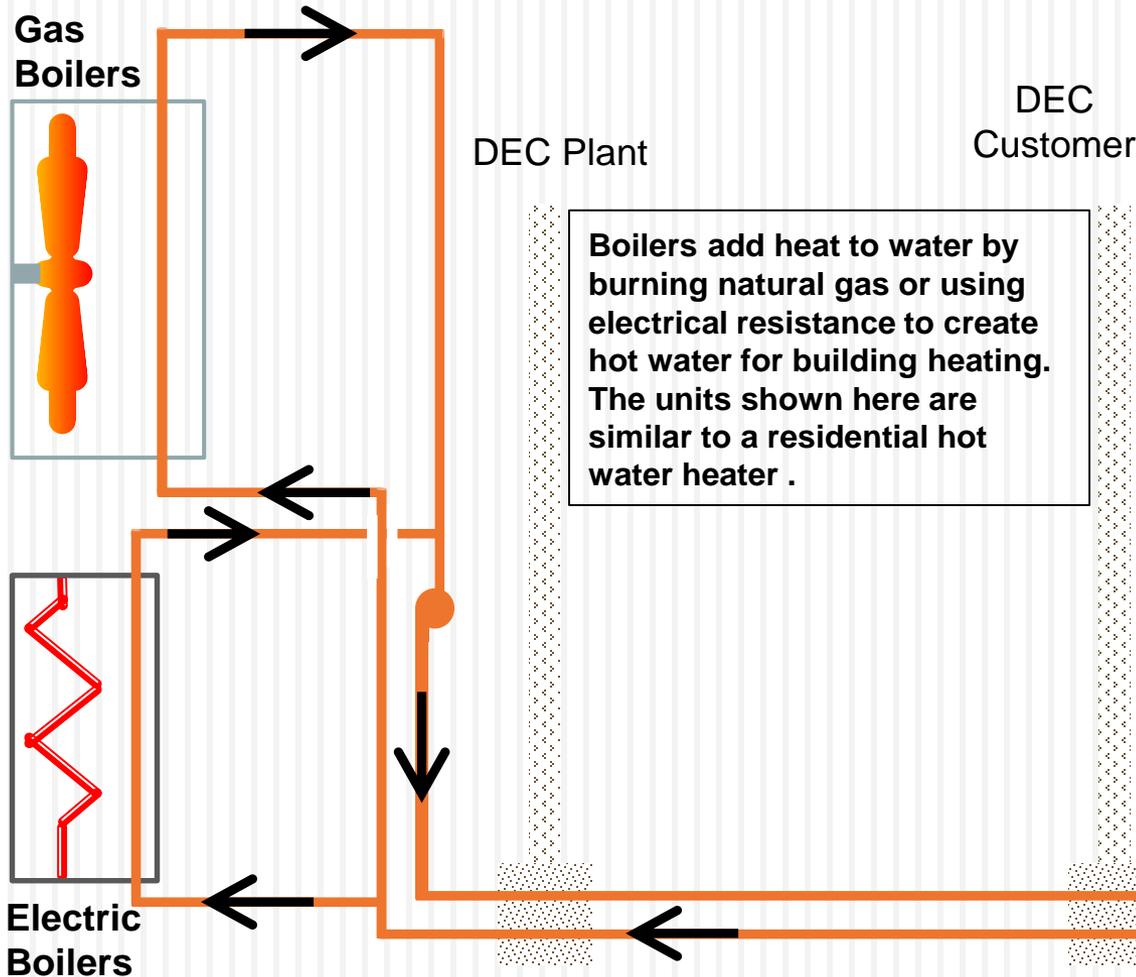
* *Community Energy: Planning, Development, and Delivery*, International District Energy Association, 2012

Typical DE Cooling System- Conventional Chillers

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Typical DE Heating System- Conventional Boilers





District Energy Corporation

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- ❑ **District Energy Corporation (DEC) is a City of Lincoln and Lancaster County inter-local agency organized pursuant to the Nebraska Interlocal Cooperation Act**
- ❑ **DEC Energy is a political subdivision created and existing under the laws of the State of Nebraska**

DEC Timeline



Initial District Energy Study Developed for Historic Haymarket Area West of Downtown Lincoln

City County Thermal Facility Commissioned

West Haymarket CUP Commissioned

Nebraska State Penitentiary Commissioned

1984

12/15/1989

1999

09/2013

1986

06/1991

07/2012

03/2019

10/2019

District Energy Idea is Generated for Lincoln

District Energy Corporation formed

State Thermal Facility Commissioned

SW 40th Thermal Facility Commissioned

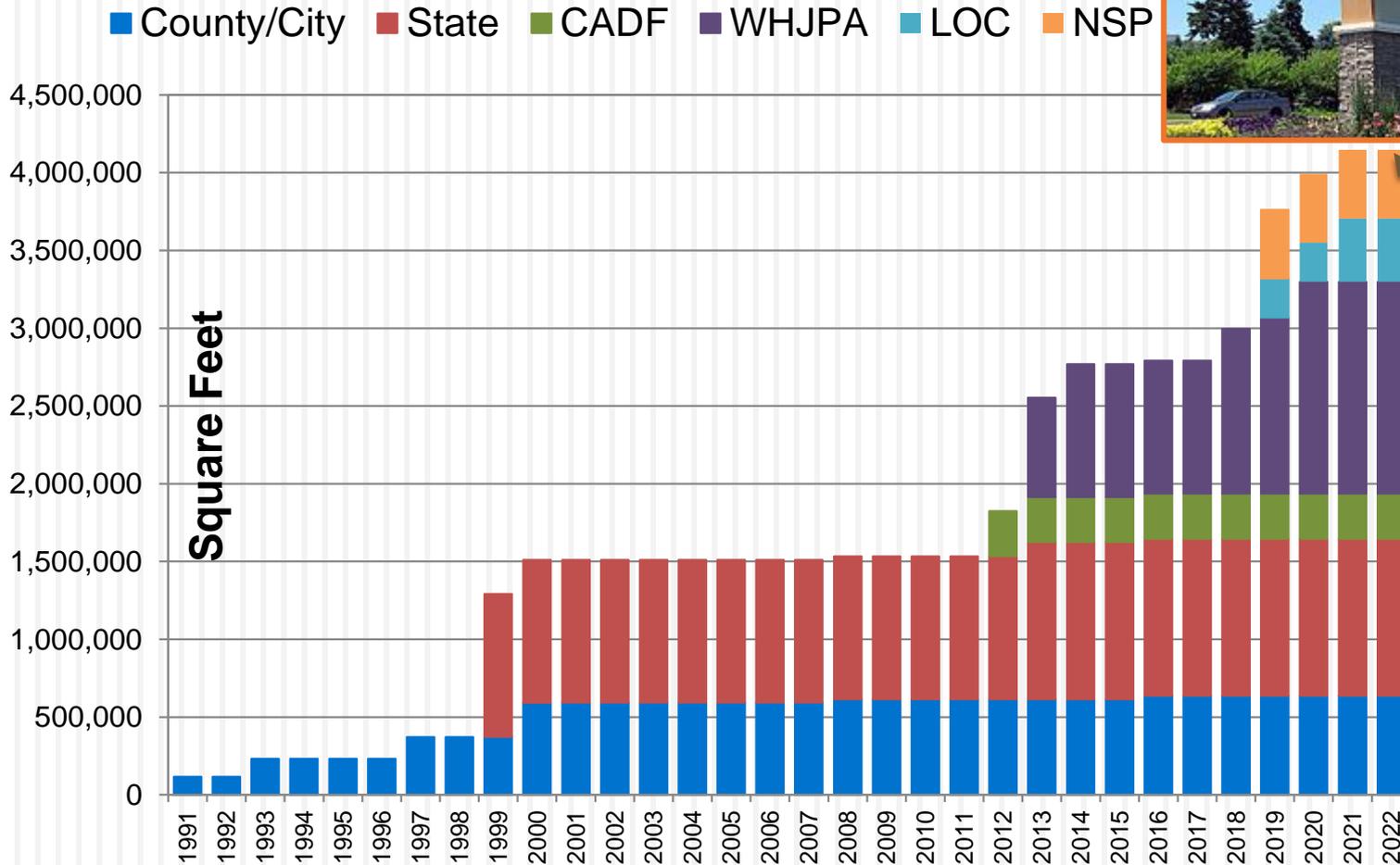
Lincoln Operations Center Commissioned

30 Year Celebration



Square Footage Served Timeline

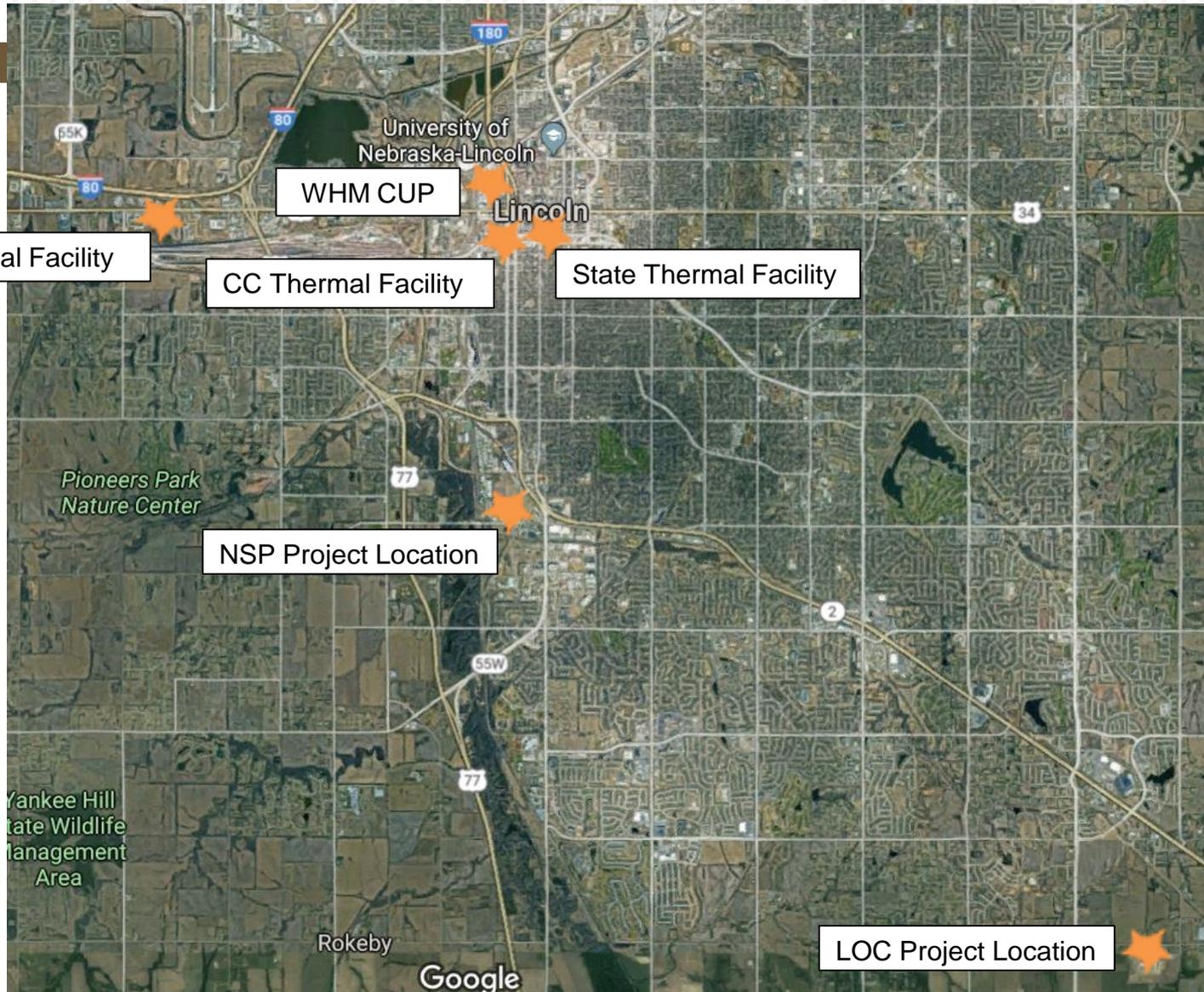
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That's over 4 Gateway Malls!!!!

DEC Locations within Lincoln, NE

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- ❑ **Energy Services Agreement General Rate Principles**
 - ❑ **Cost of Service; non-profit**
 - ❑ **Through its General Bond Resolution, DEC is obligated to set rates sufficient to collect funds to meet**
 - **All Debt**
 - **Operations & Maintenance**
 - **Commodity Expenses**

- ❑ **DEC Energy is governed by a 5-member Board of Directors**
 - ❑ **2 county commissioners**
 - ❑ **2 city representatives**
 - **Council member**
 - **Mayor appointee**
 - ❑ **1 LES Board member**

- ❑ **Directors serve two-year terms and are eligible for reappointment**

Current Board of Directors



Deb Schorr
President
County
Commissioner



Tammy Ward
Vice President
City Council



Sean Flowerday
Secretary/Treasurer
County Commissioner



Layne Sup
Director
LES Board



Alyssa Martin
Director
City of Lincoln



Management Agreement

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- ❑ Pursuant to a Management Agreement between LES and the DEC, LES manages DEC's systems and affairs:
 - ❑ LES is responsible for the overall operation, maintenance and administration resulting in the equivalent labor of eleven full time positions for 2021
 - ❑ Five-year term with successive five-year terms
 - ❑ LES is not responsible for any liabilities of DEC, including its indebtedness, and DEC has agreed to indemnify LES



Questions/Comments

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DEC Mission: “Provide low-cost, reliable and efficient thermal energy services to enhance and enable economic development of the Lincoln community”

DEC Vision: “Striving for energy excellence”