



Austin Energy's District Cooling Program

Electric Utility Commission
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Jim Collins, Director
On-Site Energy Resources



District Cooling



- An underground network of pipes providing chilled water to meet the cooling needs of multiple buildings
- Gathering load generates superior energy savings, reliability and quality
- Thermal storage provides electrical demand management



District Cooling Plant Locations



Domain
3120 Kramer Lane

Mueller Energy Center
4901 Lancaster Drive

Paul Robbins
300 San Antonio Street

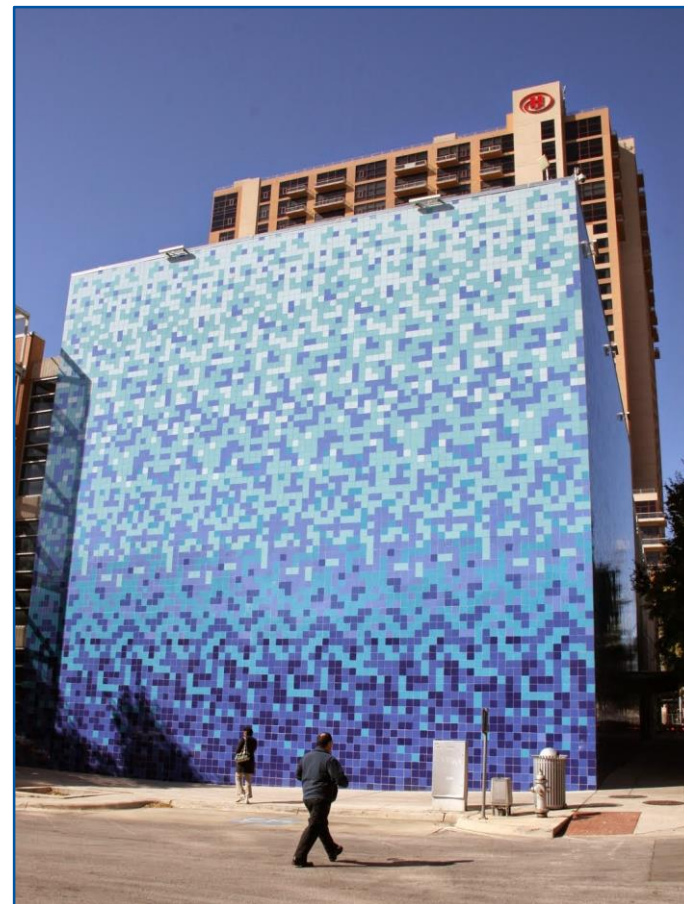
DCP-2
410 Sabine Street





Currently

- District Cooling Program has connected 69 customers
- Over 19 million square feet of facilities (i.e. 165 City Halls)
- Summer of 2017 provided 17.2 MW demand shift
- Adding customers increases shifting toward goal of 30 MW





Program Expansions

Expansion to existing systems

- Downtown
 - Crescent Tract
 - Paul Robbins Plant
 - Red River
- Mueller

New satellite locations in support of Imagine Austin

- Austin Community College – Highland Campus
- Central Health – Brackenridge Campus
- South Central Waterfront District
- Innovation District





Program Recap

Successful program

- 69 customers connected to District Cooling systems
- Over 19 million square feet of facilities
- Sound financial model

Value to our community

- Lever for Economic Development
- Providing 17.2 MW of electric demand management toward 2027 goal of 30MW

Significant growth opportunities

- Expansion opportunities – Downtown and Mueller
- Satellite Systems



Thank you!



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