Central Heating Plant

240,000 lbs/hr total steam capacity
3 existing steam boilers modified to high temperature hot water

District Heating Loop – Supply Temperature

Current: 330°F
Future: 250°F

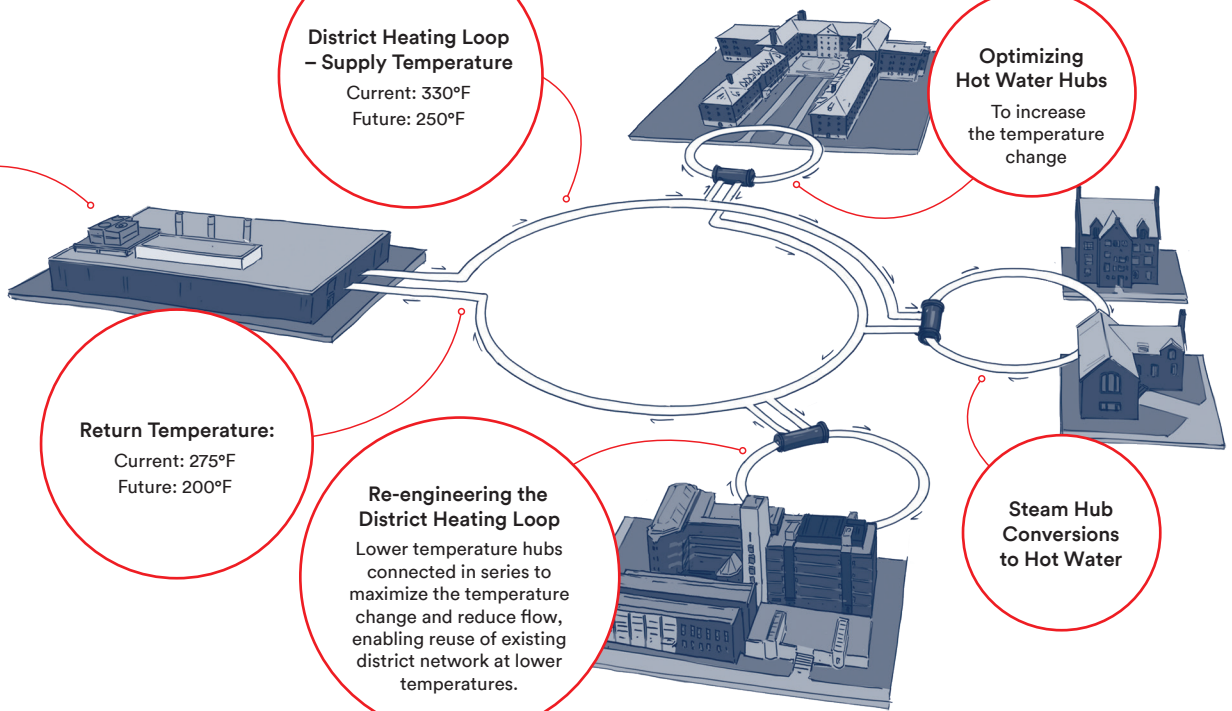
Optimizing Hot Water Hubs

To increase the temperature change

Return Temperature:

Current: 275°F
Future: 200°F

Re-engineering the District Heating Loop

Lower temperature hubs connected in series to maximize the temperature change and reduce flow, enabling reuse of existing district network at lower temperatures.

Steam Hub Conversions to Hot Water