

District Energy in Pittsburgh, PA



Northside District Energy
NRG Energy Center Pittsburgh

Currently serves 30 Buildings
(including PNC Park, the
Carnegie Science Center and
Allegheny General Hospital)

Capacity:
240 Mlbs/hour of steam
20.4 MMBtu/hour of hot water
12,580 tons of chilled water



Brunot Island

Potential energy-from-waste plant
adjacent to Allegheny County
Sanitary Authority (ALCOSAN)



Downtown Energy District
Pittsburgh Allegheny County Thermal, Ltd (PACT)

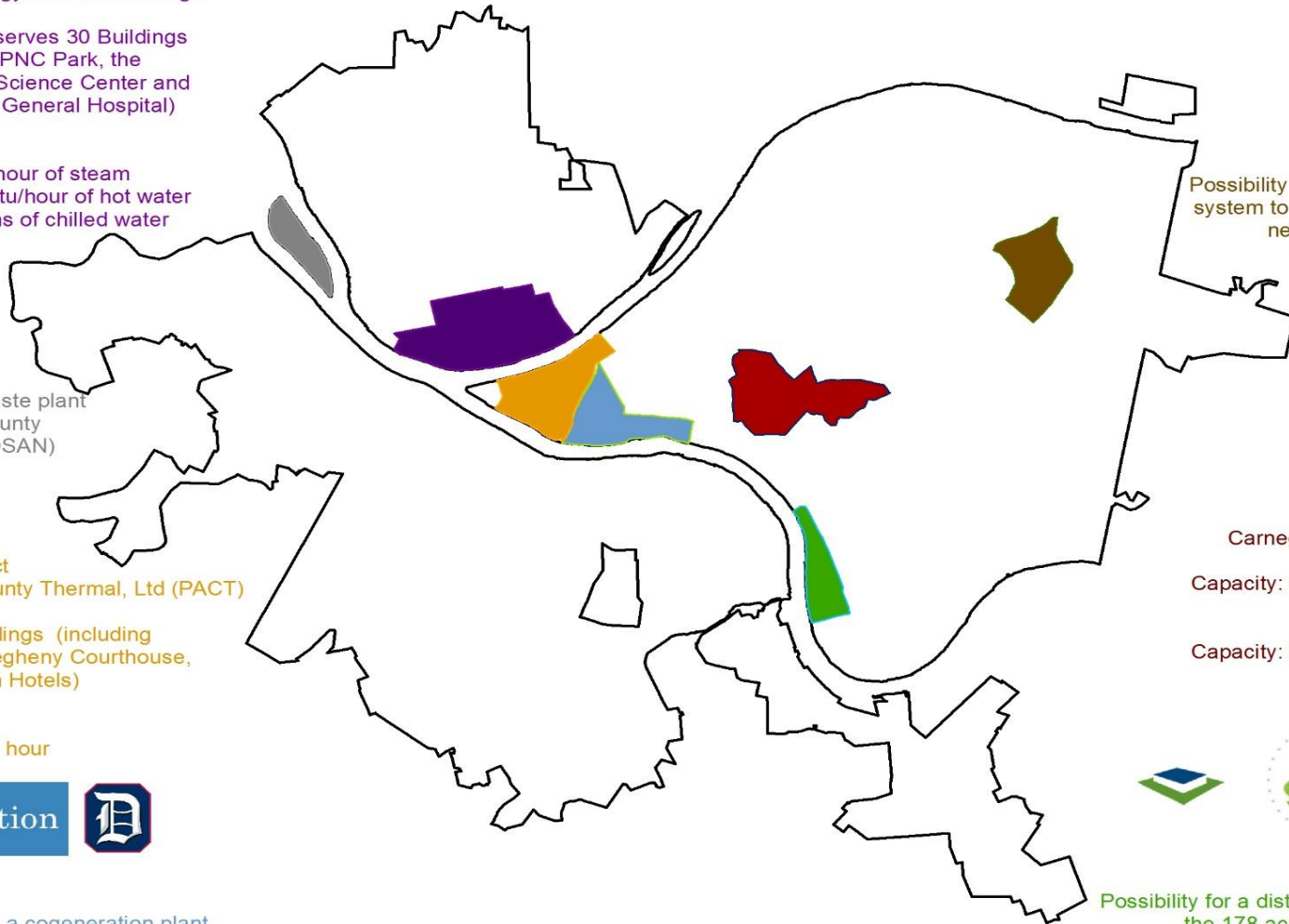
Currently serves 59 Buildings (including
City County Building, Allegheny Courthouse,
the Westin and the Hilton Hotels)

Capacity:
500,000 lbs of steam per hour



Uptown Energy District

Duquesne University has a cogeneration plant.
Possibility for a new district energy system to serve the 28-acre Lower Hill site



Larimer Energy District

Possibility for a community microgrid
system to serve 285 acre residential
neighborhood redevelopment



Oakland Energy District

Carnegie Museum of Pittsburgh:
Bellefield Boiler
Capacity: 480,000 lbs/hour of steam
University of Pittsburgh:
Carrillo Steam Plant
Capacity: 690,000 lbs/hour of steam

Interconnected systems



ALMONO Energy District

Possibility for a district energy system to serve
the 178 acre planned urban riverfront
mixed use property development