



### Northside Energy District

Established in 1999, Clearway Energy Center Pittsburgh provides both district heating and cooling services to a total of 6.3 million square feet of building space which serves more than 30 buildings on the north side of Pittsburgh. This includes PNC Park, Carnegie Science Center, and Allegheny General Hospital.



UPMC



### Uptown Energy District

Clearway Energy has begun designing a new heat and power plant in the Lower Hill/Uptown District to deliver heat to surrounding buildings including PPG Paints Arena and UPMC Mercy. This energy district could also integrate Duquesne University's Cogeneration Plant.



CARNEGIE MUSEUMS OF PITTSBURGH  
Four distinctive museums



### Oakland Energy District

Built in 1907, Bellefield Boiler Plant, serves most of Oakland's major institutions, including Carnegie Mellon University and Carnegie Museums of Pittsburgh Carrillo Steam Plant in Oakland was established in 2009 and serves the UPMC. The two sites have interconnecting steam distribution lines.



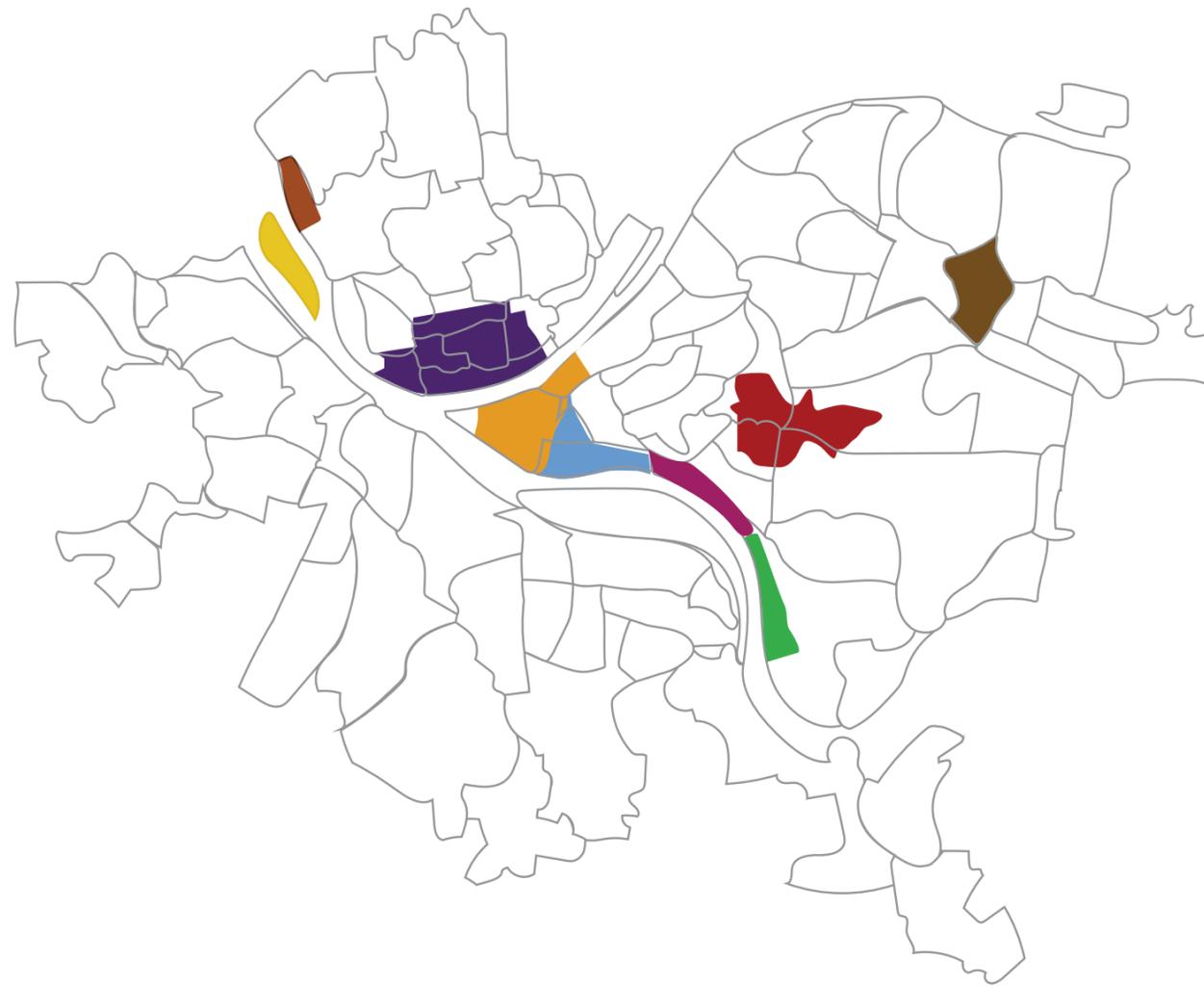
### Downtown Energy District

Established in 1983, Pittsburgh Allegheny County Thermal (PACT) serves 59 buildings downtown including many local government buildings.



# THE PITTSBURGH DISTRICT ENERGY VISION

"Creating Pittsburgh's Energy Future Today"



### Hazelwood Green District

This Property is a mixed-use development in Hazelwood on a 178-acre former steel mill river-front that would be operated almost exclusively on renewable-based distributed energy.



### Larimer Energy District

A community-based microgrid that would be part of the redevelopment of a 285-acre neighborhood in the east end of Pittsburgh.



### Brunot Island Microgrid

Existing electric substation and is a possible site for a biogas and waste-to-energy plant.



### Woods Run Microgrid

Duquesne Light Company is installing a nominal 10 MW<sup>e</sup> microgrid at their Woods Run operations center on the north side of Pittsburgh. The facility will be used to investigate challenges and solutions to integrating distributed energy technologies such as photovoltaics, wind, and energy storage.



### 2nd Avenue Microgrid

A project that will link grid and transportation modernization through garage/rooftop solar and electric vehicle charging stations.