Artist renderings were based on Architectural Blue Ribbon panel input. The building envelope helps contain noise while improving the look and feel of a traditional plant.

Three goals were developed by the Blue Ribbon panel:

- Develop a Resource
- Create a Destination
- Enhance a Gateway
Before Demolition

Cleaning up a forgotten and decaying neighborhood
Major Equipment and Features

- Two Siemens SGT-800 combustion turbine generators
- Two Vogt heat recovery steam generators
- One Siemens SST-400 steam turbine
- 145 MW Winter/125 MW Summer
- One English Boiler auxiliary boiler
- A three-cell SPX cooling tower with plume-abatement
- Siemens T3000 Control System
- Five-fold expansion possible— to 2.5 million square feet – of the largest municipally-owned snowmelt system in the United States, with 720,000 square feet currently installed.
Site Layout

Trails, water features, and a new city park surround the power plant, which is located at the eastern entrance to the downtown area.
Comparing Holland Energy Park to HBPW’s retired coal plant, James De Young (“JDY”)

- Twice as fuel efficient
- 50 percent reduction in carbon emissions
- Virtual elimination of sulfur & particulate matter
- Capability to expand snowmelt five-fold
- Opportunity to redevelop water-front property
- Sound abatement around equipment
- Dark-sky lighting
Visitor’s Center

The highlighted area shows the 3,780-square-foot the Visitor’s Center. Intended to provide visitors with a learning experience, the Center provides an understanding of the role that public power generation has played in the past and will play in the future.
Completed Visitor’s Experience Center
Completed Project