

Timeline

Groundbreaking

Combustion Turbine

Generator delivery

Heat Recovery Steam Generator (HRSG) delivery

Steam Turbine Generator delivery Building structural

First fire

First steam

Target substantial Guaranteed substantial completion completion



Brief history:

Locally-owned and operated generation has been a key factor to Holland's vitality and economic success over the past century. In 2006, the Holland Board of Public Works began searching for a way to meet the city's fast-growing demand for power. Using an inclusive, community-driven process, HBPW conducted an exhaustive Sustainable Return on Investment (SROI) study to study not only affordability and reliability, but also the social, sustainable, environmental and health impacts of a variety of different options. The results pointed strongly toward combined cycle natural gas.

HBPW chose a site for the plant at the eastern entrance to the community for its close proximity to downtown to support snowmelt and potentially district heat (expanding snowmelt mains to heat downtown buildings and/or Hope College).

The Holland Energy Park's design was developed under the leadership of a blue ribbon panel, comprised of a cross-section of educational, environmental and community leaders. The committee decided that in addition to being a world-class power resource, the plant should act as a gateway into the city and as a park destination, seamlessly integrating into the surrounding natural space.







Sustainable site clean-up practices:

- One industrial, eight commercial and 27 residential properties responsibly demolished and recycled.
- Jubilee Ministries salvaged furnaces, water heaters vanities, cabinets, doors and other furnishings.
- Benjamin's Hope re-purposed felled tree trunks for playscape landscaping.
- Outdoor Discover Center reclaimed tree stumps for wildlife habitats.
- Star Excavating traded backfill material for right to reu structural steel from their property at their new locatio
- HBPW removed and recycled over 300 discarded tire
 from the wetlands.
- HBPW implemented a plan to manage and control
 Japanese knotweed and other invasive species.
- Foundational concrete crushed and reclaimed for site preparation.

HOLLAND'S FUTURE





