



One of the goals of the State of New Jersey is to enhance energy efficiency through on-site power generation with recovery and productive use of waste heat, and to reduce existing and new demands to the electric power grid by providing financial incentives for Combined Heat & Power (CHP) installations.

For more information:

NJ BPU

www.state.nj.us/bpu/

NJ Clean Energy Program

www.njcleanenergy.com/

NJ CHP

www.njchp.rutgers.edu



CASE STUDY: CHP Feasibility Study for a Data Management Center in Newark, NJ

Summary

Project Name	CHP feasibility study for a data management Center in Newark
Brief Summary	Renovation of old industrial warehouse complex into new data management center. Total building square foot area: 252,784
Project status	Conceptual Design: Initial discussion with plant people 04/11/2006. Rough design is ready. CHP Feasibility estimate in the process.
Remarks	The building will accommodate offices, ware houses, small restaurants, and service areas. Difficult to simulate the case in CHP screening software.

Brief Description

Data Management Center, Newark:

The building is located in Newark, NJ and is currently in the design phase of remodeling. Details of this building were sent via email documentation including pictures. A meeting was scheduled and attended on April 11, 2006, where CAES gave a presentation to help inform Lehigh of our services and expertise involving CHP. A feasibility study is currently in progress to determine what size and type of CHP system will be necessary for this building based on various scenarios presented. Once these feasibility studies are completed, CAES will assist Lehigh with putting together a proposal before the due date of June 1st, 2006.