



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/](http://www.state.nj.us/bpu/)

**NJ Clean Energy Program**

[www.njcleanenergy.com/](http://www.njcleanenergy.com/)

**NJ CHP**

[www.njchp.rutgers.edu](http://www.njchp.rutgers.edu)



## CASE STUDY: Presbyterian Hospital CHP Project

### Summary

<b>Project Name</b>	Presbyterian Hospital CHP Project
<b>Brief Summary</b>	The addition of a CHP facility in the existing chiller plant at Presbyterian Hospital will be the first to interconnect to the Con Edison transmission grid in Manhattan and operate in synchronicity.
<b>Project status</b>	CAES attended the walkthrough on March 28, 2006 and discussed the project in detail with Ms. Kearny. The CHP project is nearing the <b>final design phase</b> and hopeful for operation come August 2007.
<b>Remarks</b>	Key topics that are of focus in this case study will include <b>interconnection, utility company, and CHP system issues.</b>

### Brief Explanation

#### Presbyterian Hospital CHP Project:

After attendance of the Northeast CHP meeting held in New York, NY, Jennifer Kearny from Presbyterian was contacted to schedule a walkthrough of the hospital. Ms. Kearny gave a presentation of the addition of a CHP facility in the existing chiller plant at Presbyterian Hospital will be the first to interconnect to the Con Edison transmission grid in Manhattan and operate in synchronicity. CAES attended the walkthrough on March 28, 2006 and discussed the project in detail with Ms. Kearny. The CHP project is nearing the final design phase and hopeful for operation come August 2007. CAES is currently working together with Ms. Kearny as the project progresses in order to gather detailed information of the system and process of installing a CHP unit. Key topics that are of focus in this case study will include interconnection, utility company, and CHP system issues. A signed confidentiality agreement has been signed and CAES expects CHP documents from Presbyterian Hospital for review and analysis.