



**PSE&G**  
*Various Locations, NJ*  
**Engineering Consultant**

**ABOUT THE CLIENT**

PSE&G is the largest provider of gas and electric service, servicing 1.8 million gas customers and 2.2 million electric customers in more than 300 urban, suburban and rural communities, including New Jersey's six largest cities. PSEG is committed to identifying and seizing opportunities in energy services and related fields, while maintaining its high level of gas and electric service to its traditional residential and business customers.

**REFERENCE**

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**CONSTRUCTION COST:**  
 \$129 Million for upgrades

**YEAR COMPLETED:**  
 In Progress Projects since 2009

**CARBON ABATEMENT PROGRAM — HOSPITALS**

As part of its Board of Public Utilities approved Carbon Abatement Program Initiative, Public Electric and Gas Company (PSE&G) commissioned Concord Engineering to perform Investment Grade Audits at eligible hospitals in the PSE&G service territory. The audits included steam boiler, chiller, cooling tower replacements and upgrades, combined heating and power opportunities, lighting retrofits, new air handling units with heat recovery, domestic hot water heating, HVAC control upgrades, kitchen refrigeration/cooking upgrades, variable speed fan/pump motor drives, water/steam distribution upgrades, power factor correction, and many other energy conservation measures.

CHP Feasibility Study	Square Footage	Hospital	Location
YES	1,405,700	Rutgers University Hospital	Newark, NJ
YES	1,350,000	Robert Wood Johnson Univ. Hospital	New Brunswick, NJ
YES	575,000	Princeton Medical	Princeton, NJ
NO	574,600	Holy Name Hospital	Teaneck, NJ
NO	560,900	Our Lady of Lourdes	Camden, NJ
YES	600,000	Cooper University Hospital	Camden, NJ
YES	600,000	Trinitas Regional Medical Ctr.	Elizabeth, NJ
NO	600,000	Clara Maas Medical Center	Belleville, NJ
NO	290,400	East Orange General Hospital	East Orange, NJ
NO	760,000	Overlook Medical Center	Summit, NJ
YES	550,000	JFK Hospital	Edison, NJ
NO	840,000	Bergen Regional Medical Ctr.	Paramus, NJ
NO	575,000	Englewood Hospital	Englewood, NJ
NO	275,000	Virtua Health	Camden, NJ
NO	483,500	Virtua Health	Mt. Holly, NJ
NO	173,300	Virtua Health	Marlton, NJ
NO	242,000	Our Lady of Lourdes	Willingboro, NJ
YES	3,000,000	Hackensack University Medical Ctr.	Hackensack, NJ
NO	304,000	Bayonne Medical Center	Bayonne, NJ
NO	300,000	Robert Wood Johnson Univ. Hospital	Rahway, NJ
NO	1,200,00	Robert Wood Johnson Univ. Hospital	Somerset, NJ
YES	342,500	Christian Healthcare Center	Wyckoff, NJ
NO	370,000	Palisades Medical Center	North Bergen, NJ
YES	630,000	Penn Medicine – Princeton Health	Plainsboro, NJ