



NJ Board of Public Utilities Local Government Energy Audit Projects



PROJECT INFORMATION

CONCORD DIVISION

Commercial

PROJECT LOCATION

Various, NJ

MARKET

Governmental
K-12 Schools
Higher Ed

SERVICES

Energy Audit

ABOUT THE CLIENT

The New Jersey Board of Public Utilities is a regulatory authority in New Jersey with authority to oversee the regulated utilities, which in turn provide critical services such as natural gas, electricity, water, telecommunications and cable television.

PROJECT SUMMARY

The New Jersey Board of Public Utilities (NJBPUB) has implemented an incentive program that reimburses 100% of the cost to perform an energy audit for school districts, community colleges, counties, municipalities, and municipal utility authorities, provided some conservation measures are implemented within one year. Concord Engineering is one of five selected firms by the BPU to perform these audit services. The audit provides a baseline of where and how energy is used at a facility and identifies opportunities to lower energy consumption and costs. During the audit, our engineers examine energy use around major loads like HVAC systems, indoor and outdoor lighting, hot water heating and distribution systems, elevators, escalators and plug loads, as well as efficiency opportunities through building insulation, window and door upgrades and daylighting opportunities. Every audit also includes recommendations of renewable and distributed energy technologies, which can include solar, wind, and combined heat and power; that present themselves as feasible alternatives at each facility. Upon completion of the audit, a full analysis of energy conservation measures is provided as well as implementation recommendations with funding strategies. Concord has performed over 500 of these comprehensive audits, surveying over 7.6 million square feet of facilities. A few exemplar projects are listed below for reference.

Local Government Entity	Service	# of Buildings
Cherry Hill Township BOE	Energy Audit, ESP Development	19
Burlington Township BOE	Energy Audit	5
Brick Township School District	Energy Audit	16
Bridgewater-Raritan Regional School District	Energy Audit	7
Millville BOE	Energy Audit, 3 rd Party Verification	13
Rutherford BOE	Energy Audit	6
Mt. Olive Township	Energy Audit	7
Pine Hill BOE	Energy Audit, 3 rd Party Verification	5
Voorhees Township Schools	Energy Audit	5
Atlantic County Utilities Authority	Energy Audit	1
Gloucester Township	Energy Audit, ESP	7
Pleasantville Housing Authority	Energy Audit	2
County of Passaic	Energy Audit	3
Burlington County College - Mt. Laurel	Energy Audit	6
City of Pleasantville	Energy Audit	7
County of Burlington	Energy Audit	3