NE-ChPS 3.0

Northeast Collaborative for High Performance Schools

The Northeast Collaborative for High Performance Schools Protocol (CHPS) encourages the construction of schools that provide premium educational environments. It outlines a set of criteria for meeting state mandates and/or performance based incentive programs in new school construction and renovation.

NE-ChPS is:

- A building criteria based on policy requirements; indoor air quality standards; energy and water efficiency principles; renewable technologies; site selection considerations, materials and innovation;
- Adapted to fit the Northeast climate;
- Incorporates all the features and benefits of high performance school design, such as:
  - Healthy indoor environment
  - Efficient use of energy
  - Thermal, visual and acoustical comfort
  - Ease of maintenance and operations
  - Cost effective by design.

What’s New for NE-ChPS 3.0?

- Improved Acoustics Requirements
- Electric Vehicles
- zEPI Energy Scale
- Benchmarking
- Greater Occupant Engagement Focus
- Enhanced Commissioning of Building Systems
- District Level Commitment to Sustainability
- Crime Prevention through Environmental Design

NEEP: a regional nonprofit organization committed to accelerating energy efficiency in the Northeast and Mid-Atlantic through public policy, program strategies, and education.

Northeast-CHPS is administered by Northeast Energy Efficiency Partnerships (NEEP). For more information, contact Carolyn Sarno, at csarno@neep.org or 781-860-9177, ext. 119; or Brian Buckley at bbuckley@neep.org 781-860-9177, ext. 152

www.neep.org
Claiborne Pell Elementary  
Newport, Rhode Island  
- $116,855 projected annual energy savings  
- 80% of demolition waste recycled  
- 40% reduction in potable water usage

Archie R. Cole Middle School  
East Greenwich, Rhode Island  
- $182,000 projected annual energy savings  
- Daylighting and occupancy sensors  
- Control demand ventilation

East Bay MET School  
Newport, Rhode Island  
- Net zero energy usage  
- 150kW photovoltaic system  
- Geothermal heat pump

Keene Middle School  
Keene, New Hampshire  
- Woodchip heating Plant  
- 30,000 gallon rainwater harvester  
- Energy management system

Profile School  
Bethlehem, New Hampshire  
- 90% of classrooms do not need a/c  
- 100% outside air ventilation indoors  
- Exterior lighting “full-cutoff” option

Merrimack Valley High School  
Penacook, New Hampshire  
- Recycling Program  
- 61% energy cost savings  
- Hydronic heating distribution system

Rhode Island  
- 6 Schools Renovated/Designed  
- Requires Northeast CHPS Criteria for all capital projects over $500,000

New Hampshire  
- 13 Schools Renovated/Designed  
- 3% funding incentive drove school construction and renovation

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