

TITLE: ENERGY CONSERVATION POLICY

POLICY:

It is the policy of NewYork-Presbyterian Hospital to design and establish a fundamental understanding of and institutional commitment to environmental responsibility, and to implement methods to reduce energy consumption and related costs.

PURPOSE:

The purpose of this energy policy is to establish the framework for acceptable protocols, practices and operational standards. To fully integrate NYPH's Strategic Initiatives with the goal of this policy to further foster a culture of engagement by positively impacting the environment of care throughout its entire lifecycle.

APPLICABILITY:

This Energy Policy applies across the five main campuses: The Allen Hospital (AH), Columbia University Medical Center (CUMC), Weill Cornell Medical Center (WCMC), and Westchester Division (WD), New York Lower Manhattan (NYLM) and Royal Charter Properties.

PROCEDURE:

1. Energy Conservation

- A. All NYP buildings and facilities will be operated in the most energy efficient and integrated manner so that we are able to focus our energy strategies on Putting Patients First, on improving community health, on our business imperatives and on our own caregivers.
- B. All NYP buildings will continue to identify energy efficiency improvement measures to the greatest extent possible through ongoing retro commissioning and Level 2 energy audits; undertake all necessary steps to seek funding for their implementation; and upon securing availability funds, expeditiously implement the measures.

- C. NYP will promote the use of cost effective, renewable energy sources whenever possible, both in new construction, building renovations and in existing buildings. (Refer to Energy Conservation Guidelines)
- D. NYP will actively seek sources of funding to implement energy efficient improvements and utilities infrastructure renewal projects, including federal, state, and private sector grant opportunities. In the event these outside funding sources are unavailable or inadequate to meet project requirements, NYP shall review priorities within infrastructure capital funds.
- E. NYP will cooperate with federal, state, and local governments and other organizations (i.e., New York State Energy Research Development Authority, Con Edison, Department of Energy, Environmental Protection Agency, NYC Greener, Greater Buildings Plan, New York City Energy Efficiency Corporation, etc.) in accomplishing energy conservation and utilities management objectives.
- F. NYP has a designated Energy Program Manager with the responsibility and authority to implement policy and identify energy conservation opportunities within the utilities management program and capital projects.
- G. NYP's Energy Program Manager will monitor and report monthly energy usage for all NYP campuses against energy conservation goals and required benchmarks at the Energy Efficiency Committee, Energy Purchasing Committee, HERCULES Committee and the Sustainability Council.

2. Energy / Utility Purchasing

- A. The Energy Program Manager and the Energy Purchasing Committee will determine fossil fuels and electrical supply needs, evaluate risk, and develop purchasing strategies to maximize budget certainty, avoid market volatility, and purchase fossil fuels and electricity at the most competitive market prices.
- B. The Energy Purchasing Committee will strategize to minimize storage, transportation and other charges; maintain thorough records of

purchases for comparison with other purchasing strategies; and perform benchmarking and other energy evaluations.

- C. The Office of Facilities Operations and the Energy Program Manager will regularly evaluate current operational procedures and recommend future improvements to ensure a continuous and appropriate supply of fossil fuels and electricity is delivered daily to meet Hospital needs.

RESPONSIBILITY:

Vice-President, Facilities Operations
Manager, Energy Programs

REFERENCES:

Where referenced below unless noted otherwise, the latest versions of the following standards shall be followed:

- a. ASHRAE 90.1. American Society of Heating Refrigeration and Air Conditioning Engineers Energy Efficiency Standard 90.1 for Non-Residential Buildings.
- b. LEED. Leadership in Environmental and Energy Efficient Design, Healthcare, Existing Building, New Construction and Core and Shell.
- c. International Performance Measurement & Verification Protocol (IPMVP) Volume III: Concepts and Options for Determining Energy Savings in New Construction.
- d. ASHRAE Guideline: The Commissioning Process.
- e. USGBC Treatment of District or Campus Thermal Energy in LEED V2 and LEED 2009 – Design and Construction.
- f. Department of Energy Design Guidelines for Small Hospitals, Large Hospitals and Office Buildings.
- g. Local Law 85: New York City Energy Conservation Code and Greener, Greater Buildings Plan; Local Law 84: Benchmarking Energy and Water Usage, Local Law 87: Energy Audits and Retro Commissioning and Local Law 88: Lighting Upgrades and Sub metering.
- h. NYP's Mechanical, Electrical, Plumbing Standards
- i. NYP's Lighting Guidelines
- j. NYP's Interior Guidelines

POLICY DATES:

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