



Subject	Energy Management Plan	
Key Words	Energy, Reduction, Management, Sustainability	
Category	Environment of Care, Service Work (EC)	Effective Date: 1/30/2015
Manual		Last Review Date
Issued By		Next Review Date: TBD
Applicable		Origination Date: 1/30/2015
		Retired Date
Review Responsibility:	Sustainability Steering Committee	Contact: Dana Slade, Sustainability Program Manager

PURPOSE

To provide structure, guidance, and organization to how HealthPartners manages our operations, construction, and renovations, especially as it relates to energy efficiency. This document is intended to document long-term, sustainable solutions that effectively enhance HealthPartners vision: Health as it could be, affordability as it must be. HealthPartners Energy Management Program focuses on integrating efficiency and sustainability strategies to improve performance, lower costs, and conserve natural resources. The Energy Management Plan is intended to support our enterprise programs and vision by providing guidance and suggestions of best management practices that should be considered. By cultivating sustainable ideas and incorporating modern technology into our daily practices, HealthPartners reduces our carbon footprint and promotes a cleaner, healthier environment. Our efforts, in this regard, enhance and restore human and environmental health.

SCOPE

This Plan applies to all HealthPartners and associated organization facilities.

PHILOSOPHY

We will manage all aspects of our operations in the most efficient manner that our resources allow while recognizing long-term benefits of these actions. In order to best promote HealthPartners mission, to improve health and well-being, a holistic approach is essential to foster wellness and to prevent illness at its sources. One of the most effective ways to accomplish this goal is to work diligently toward protecting the environment that our patients, employees and community rely on. By reducing our energy consumption, we prevent harmful pollutants from being released into the air through the burning of fossil fuels, and contributing to a variety of health problems. In addition, improved efficiency and reduced consumption generates financial savings which allows HealthPartners to continue to be good stewards for our stakeholders which allows us to focus these resources on our care delivery systems.



DEFINITIONS

Energy Star – Energy Star is a joint program of the U. S. Environmental Protection Agency and the U.S. Department of Energy to help individuals and businesses protect the environment through energy efficient practices and products.

LEED Certification – LEED stands for Leadership in Energy & Environmental Design. LEED is a program of the United States Green Building Council (USGBC) that provides third-party verification of green building practices. Building projects satisfy prerequisites and earn points to achieve different levels of certification. Prerequisites and credits differ for each rating system, and teams choose the best fit for the project.

ORGANIZATION

Energy efficiency at HealthPartners is managed by the individual facility directors and managers for their specific facilities. However, in 2012 a Facility Integration Team was established to take advantage of the extensive knowledge, expertise, experience and contacts of the group of subject matter experts within the HealthPartners family of companies. This team meets quarterly to share experiences and to discuss emerging trends in technology, innovations and incentives.

BEST MANAGEMENT PRACTICES

The following best management practices or general goals have been established at HealthPartners.

- I. Establish Teams of Subject Matter Experts
 - a. Facility Integration Team meets quarterly.
 - b. Individual Hospital Green Teams meet on a monthly basis.
- II. Enhance purchasing/procurement procedures and specifications
 - a. Work with purchasing to specify energy efficient and/or Energy Star rated products for all facility purchases when feasible.
 - b. Establish and consistently use purchasing specifications that minimize life-cycle costs for energy efficient equipment and services.
 - c. Partner with utility representatives and vendors to identify efficiency opportunities and incentives.
- III. Enhance design and construction practices
 - a. Create standard checklist for the departments to use for any large construction project.
 - b. Set and meet clear energy performance targets for new buildings; and then measure and improve over time.
 - c. Actively pursue sustainable and/or energy efficient design and construction practices for all new facilities and renovations.
 - d. Evaluate green business opportunities for new construction and renovations where practical.
- IV. Implement cost-effective facility upgrades.
 - a. Implement equipment and system upgrades where justified by life-cycle cost analysis.
 - b. Utilize all internal and external resources as efficiently as possible.
 - c. Conduct 3rd party energy evaluations/audits on occasion to measure progress and identify additional opportunities.
 - a. Identify behavioral/mechanical adjustments necessary to reduce energy consumption.
- V. Enhance facility operating practices.
 - a. Improve the Energy Star rating of all HealthPartners facilities.
 - b. Reduce kWh and hems per square foot consumption rates.
 - c. Reduce the over-all carbon footprint of all HealthPartners facilities.
- VI. Actively manage utility costs.
 - a. Minimize utility costs and exposure to market risks. Utility costs include natural gas, electricity, water, and sewer.
 - b. Participate in the energy/utility regulatory process with the EPA, DOE, and various utility companies.



- b. Engage hospital public affairs representatives and other resources as needed.
- VII. Monitor, track and improve energy performance.
 - a. Track system progress following parameters outlined in “Energy Performance Data” below.
 - b. Track energy reductions on a regular basis.
 - c. Document energy reduction projects identified and completed.
- VIII. Staff and community engagement
 - a. Develop stakeholder engagement plan to raise staff and community awareness.
 - b. Provide staff recognition for success.

ENERGY PERFORMANCE DATA

- I. Each HealthPartners hospital and clinic will document energy performance data and present to the Facility Integration Team on a periodic basis.
 - a. Data submitted will include overall electricity consumption in kWhs and natural gas consumption in therms, as well as normalized electricity consumption measured by kWh/sq ft., therms/sq ft. or energy use intensity (EUI)
 - b. Each facility will keep a compiled list of identified opportunities as well as completed energy reduction projects with expected energy savings and incentives received.
- II. Energy performance data will be benchmarked within HealthPartners facilities and other external organizations.
- III. Energy performance data will be reported to Sustainability Steering Committee and the Executive Sponsors.

SUMMARY

Health care is the second largest user of energy in the United States (US DOE). In addition, the health care industry is looked upon as leaders to not only cure, but to prevent environmentally induced health problems. HealthPartners has taken initiative by improving efficiency and implementing energy improvements throughout our organization. We will continue to serve our patients, members, community, and future generations by doing our due diligence to create a cleaner, healthier environment. HealthPartners Energy Management Plan is a key component in supporting our efforts and providing successful management strategies to our facilities. As scientific evidence mounts, linking human health with the environment, HealthPartners will continue to strive for innovative solutions.

REVIEW

The Enterprise Sustainability Steering Committee and the Facility Integration Team will review the energy data for the enterprise each year and evaluate the progress of this plan. The Committee and Integration team will use appropriate metrics to measure progress such as the Energy Use Intensity (EUI) metric. The Committee will review and make necessary changes to the Energy Management Plan as needed.

Resources for energy management plans:

http://www.seco.cpa.state.tx.us/sch-gov/reports/Sweeny_Community_Hospital.pdf

<http://www.gundersenhealth.org/>