

Premier's Energy Initiative

SPHERE

Securing Proven Healthcare Energy Reduction (for the) Ecosystem

Introduction

SPHERE – Securing Proven Healthcare Energy Reduction (for the) Ecosystem is an initiative launched by Premier in collaboration with members and industry partners to have a positive impact on climate change and public health while reducing energy costs.

The **SPHERE** initiative is an expansion of Premier's overall environmental leadership program – **GreenHealthy™** – which also includes Premier's Environmentally Preferable Purchasing (EPP) program and internal corporate-wide **Yes to Green** program.

SPHERE is part of Premier's commitment to a healthy environment and focuses on the urgent need to reduce the healthcare industry's carbon footprint and significant contribution to greenhouse gas (GHG) emissions, air pollution and related negative health effects, e.g., asthma and other respiratory illnesses.

- ▶ Healthcare ranks as the country's second most energy intensive industry, spending more than \$6.5 billion each year while experiencing double-digit cost increases. Volatile energy prices are squeezing operating margins and diverting money needed for critical healthcare quality and safety improvements.
- ▶ Hospitals are the sector's largest energy consumer and producer of GHG. The industry's reliance on conventional, non-renewable energy sources (oil, coal) contributes disproportionately to the emission of GHG, driving climate change and impacting public health from air pollution.
- ▶ Only 7 percent of the entire U.S. energy consumption is from renewable energy sources, including biofuels such as ethanol, solar, hydroelectric and wind power.
- ▶ A large scale collaborative healthcare industry effort is needed to address the energy and climate crisis that will save institutions money while decreasing healthcare's carbon footprint through measurable reductions in the amount of GHGs directly released in the delivery of patient care.

Premier is taking a leadership role to address these pressing environmental issues on national scale to bring together the right combination of technology, access to information, and expertise to create an energy initiative that shapes and influences how the healthcare industry responds to the energy and climate crisis.

Through collaboration, **SPHERE** will demonstrate healthcare's leadership and commitment to the energy and climate crisis by collectively reaching a measurable reduction in overall energy usage and increase in use of renewable energy that will significantly reduce their carbon footprint and its negative impact on climate change and public health. Significant opportunities for cost savings can be realized through energy performance improvements and the purchase of lower cost energy; these savings can be used to improve the safety and effectiveness of patient care processes.

Goals

The program's primary goals are to help Premier alliance members reach measurable targets to:

- ▶ Reduce energy cost;
- ▶ Reduce overall energy usage and GHG emissions for positive public health impact; and
- ▶ Increase use of cleaner, renewable energy.

Strategies

The goals of **SPHERE** will be accomplished through the following strategies:

- ▶ Partnerships with recognized experts, organizations and companies in the environmental and energy-related field with shared goals to bring best practices, solutions and programs to our members.
- ▶ Establishing measurable targets and assisting members with calculating, tracking, analyzing and benchmarking their energy usage, GHG emissions/carbon footprint, and energy costs.
- ▶ Offering reverse auction purchasing of lower cost energy to include cleaner and renewable energy through a partnership with Practice Greenhealth (PGH) and their Healthcare Clean Energy Exchange (HCCE).
- ▶ Sharing best practices, tools, programs, and management plans from healthcare; promoting energy efficient products, equipment, services and engineering/construction design contracts from Premier contracted suppliers, and actively promote participation in EPA Energy Star program.

SPHERE will be led by Premier's Safety Institute in partnership with group purchasing, with ongoing input and guidance from members, industry experts, Premier contracted suppliers, and collaborative and strategic partner organizations.

Sharing of best practices, programs, services

Please contact our Safety Institute for additional information or to share best practices, tools, white papers, educational materials, or resources:

Safety Institute

Email: Safety_Institute@premierinc.com

Telephone: 704.733.5865



Premier's environmental leadership

Premier is committed to protecting the environment and maintaining a safety and healthy climate for our patients, workers, and communities.

Visit the Safety Institute public Web site for more information, tools and resources on Premier's **GreenHealthy™** program, including SPHERE at: www.premierinc.com/sphere

Energy efficient products & services

Premier contracted suppliers offer cost-effective and energy efficient products, equipment, programs, consulting, management services and maintenance programs.

Please ask our suppliers about their Energy Star products. More information about Energy Star is available at: www.energystar.gov

Contracted suppliers with energy-related services, equipment, and engineering/construction design June 2008

For updates to this list, please contact the Safety Institute at: Safety_Institute@premierinc.com or 704.733.5865

Contract Category	Summary of Services	Contracted Suppliers	Contract No.
Air filters	Includes a variety of products for removing and controlling airborne contaminants for use in all types of air filtration systems. Products include HEPA, carbon and electrostatic filters and filter products along with custom fabricated air filters for unique designs.	AAF International	PP-FA-064
		Flanders Precisionaire	PP-FA-065
Construction services	Provides a range of building-related services to the healthcare market such as general construction and construction management services. Consulting services related to the building/construction industry are also included.	McCarthy Building Services	PP-FA-027
Energy efficiency services	Identify, evaluate and implement measures to save energy with priority on financial savings. Services include quantifying energy consumption and cost; identifying the most cost effective energy saving measures; energy program feasibility studies, design engineering, general construction and operations assistance programs.	American Energy Assets	PP-FA-056
		Carrier Corporation	PP-FA-058
		Johnson Controls, Inc.	PP-FA-060
		Siemens Building Technologies	PP-FA-059
		The Trane Company	PP-FA-057
HVAC Equipment, controls and services	HVAC equipment and services to provide thermal comfort, acceptable indoor air quality, and room air distribution throughout the facility.	Carrier Corporation	PP-FA-045
		The Trane Company	PP-FA-046
		York	PP-FA-068
Lamp & ballasts	Energy efficient lighting options.	Philips Lighting Company	PP-FA-114
		General Electric	PP-FA-115
Maintenance, Repair and Operations	Includes products to reduce energy costs such as energy efficient lighting options, HVAC equipment and switching systems and controls.	Graybar Electric Company	PP-FA-122
		Grainger Industrial Supply	PP-FA-117
		MSC Industrial Direct	PP-FA-120
		Wesco Distribution	PP-FA-121
Plumbing products, fixtures & valves	Includes ADA and hospital grade plumbing fixtures, tools, supplies and accessories.	Interline (JA Sexauer)	PP-FA-118
Roofing and waterproofing products/installation	Includes products such as adhesives, coatings, sealers, pitch, aluminum, flashing, fascia, felt, fiberglass, trade tools, and other roofing products and services.	Centimark	PP-FA-028
		Tremco	PP-FA-029
Total building environment systems & controls	Includes space controllers and zone sensors to monitor HVAC; building services for installations, operations, maintenance, and modernizations.	Carrier Corporation	PP-FA-048
		Johnson Controls, Inc.	PP-FA-050
		Siemens Building Technologies	PP-FA-051
		The Trane Company	PP-FA-049
Water treatment products, systems & services	Water treatment products for use in mechanical equipment such as chill water systems and boilers. Products include chemical feed equipment, chemicals and services. Use of water treatment systems can result in energy and water cost savings.	Chem Aqua	PP-FA-113
		Nalco Company	PP-FA-112