



MAY 7-9  
2018

**San Diego**  
*Southern California*

# Saving More Together: Greater Energy Efficiency Through Strategic Collaboration

Samantha Stafford, RE Tech Advisors  
Kyle Tafuri, Hackensack Meridian Health  
Mary Evers Statz, UW Health



Presented by



# Welcome and Introductions



**Samantha Stafford**

RE Tech Advisors  
Healthcare Subject Matter  
Expert



**Kyle Tafuri**

Hackensack Meridian Health  
Senior Sustainability Advisor



**Mary Evers Statz**

UW Health  
Director Energy Management  
& Sustainability

# What is Better Buildings?

- In February 2011, the White House announced the **Better Buildings Initiative** to:
  - make buildings 20% more energy efficient over the next 10 years
  - accelerate private sector investment in energy efficiency



Developing Innovative, Replicable Solutions with Market Leaders

- Better Buildings Challenge
- Better Buildings Alliance
- Better Buildings, Better Plants
- Better Buildings Accelerators
- Better Buildings Residential
- Superior Energy Performance

Developing a Skilled Clean Energy Workforce

- Better Buildings Workforce Guidelines



Making Energy Efficiency Investment Easier

- Building Performance Database
- Building Energy Data Exchange Specification
- New Financing Solutions
- Building Energy Asset Scoring Tool
- Home Energy Score
- Appraisal Foundation Memorandum of Understanding

Leading by Example in the Federal Government

- New Executive Order
- President's Performance Contracting Challenge
- DOE Leadership

# Join the Alliance; Step up to the Challenge

## STEP UP TO THE BETTER BUILDINGS CHALLENGE

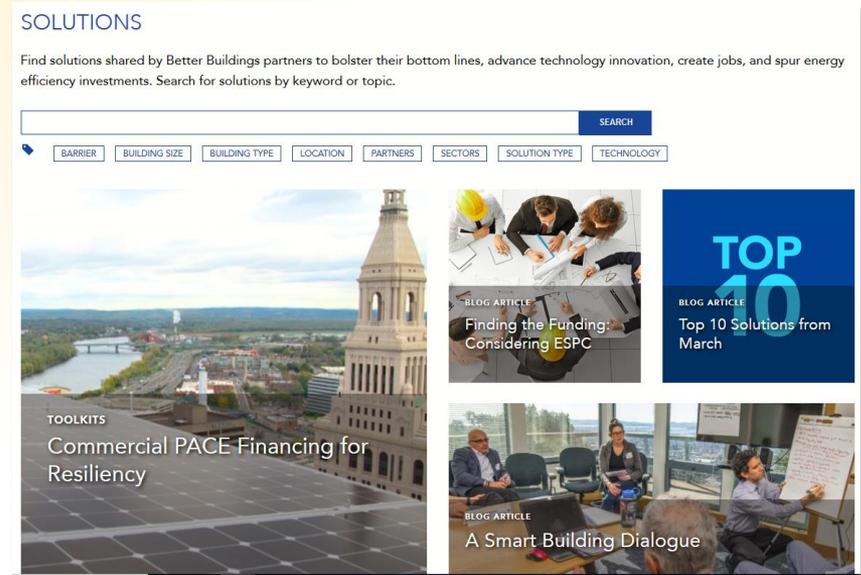
- ▶ Earn national recognition for energy efficiency leadership
- ▶ Join DOE in media events spotlighting your energy efficiency achievements
- ▶ Access technical assistance to analyze your portfolio energy use

## PARTICIPATE IN THE BETTER BUILDINGS ALLIANCE

- ▶ Participate in peer-to-peer networking opportunities addressing sector specific energy topics
- ▶ Tap into expert-led technology and market solutions teams
- ▶ Access technology demonstration opportunities
- ▶ Develop public resources such as technical performance specifications and sample lease clauses

# Better Buildings Solution Center

- Features 1,000+ partner solutions, interactive resources and toolkits, and proven and cost-effective best practice models
- Search for energy savings topics specific to your questions or needs



[betterbuildingsinitiative.energy.gov/solutions](https://betterbuildingsinitiative.energy.gov/solutions)

U.S. DEPARTMENT OF ENERGY



AUGUST 21-23,  
2018

CLEVELAND, OHIO

- Registration is open! Early bird registration ends June 15<sup>th</sup>
- Highlights include:
  - Panel sessions and technical trainings (earn CEUs)
  - Peer-to-peer discussions
  - Ask-an-Expert/FEMP Lounge
  - Networking opportunities
  - Pre- and post-conference workshops
  - Better Buildings Partner sessions
  - Building Tours

*For more information and to register:  
[2018energyexchange.com](http://2018energyexchange.com)*

# Why Partners Join Better Buildings

1. Access to experts, tools, and resources
2. Peer to peer learning
3. Public Recognition
4. It's Free!



# Utility Financing and Continuous Energy Oversight

Hackensack Meridian Health  
Kyle Tafuri  
Senior Sustainability Advisor



Hackensack  
Meridian *Health*

**\$5.5 B**  
Net Revenue

**OVERVIEW**

Hackensack Meridian *Health* is a leading not-for-profit health care organization that is the most comprehensive and truly integrated health care network in New Jersey.

**6,500**  
Physicians 

**33,000**  
Team Members 

**16** Acute Care Hospitals 

**3**  
Academic Medical Centers 

**2**  
Children's Hospitals 

**9**  
Community Hospitals 

**4,024**  
Licensed Acute Bed 



4 hospitals ranked in Top 10 in NJ



Healthgrades America's 50 Best Hospitals Award for 5+ consecutive years



**568,431**  
ER Visits



**153,185**  
Acute Admissions



**19,000**  
Annual Home Care Visits

# Energy Management Structure

- Energy Consultant Manages Committee
  - Team consists of VP Facilities, Director Plant Operations, Operations Manager, Infrastructure Specialist, Sustainability Director, Utilivisor, BMS teams as necessary
  - Tasked with oversight of energy management program
  - Meetings 1x month or as needed per project

# Utility Partnership

## ■ Overview of Program:

- Begins with a free energy audit
- Energy efficiency opportunities are listed and analyzed based on payback
- Opportunities that meet the payback PSEG requires move forward into implementation phase
- Upfront capital is provided by PSEG and the hospital is required to payback 41% of the project cost for each initiative
- The payback from the hospital occurs through the energy savings from our energy bill

# Eligibility

- Individual measures must meet a payback equal to or less than its measure life (this is a change for the 15 year max payback of prior programs). In addition, the project (i.e. aggregate of the measures plus engineering costs) must meet at 1.0 PAC test to ensure fairness for our rate-payers.

# Phase 1

**Green Solutions**  
for Customers



Version: Project Close-Out

Hospital Efficiency Program  
HUMC- TrakSmart Bid Packs 1&2

Date: 12/7/13

Item	Measure Description	Estimated Fees (\$)				Direct Measure Cost (\$)	Total Measure Cost (\$)	Annual Electric Savings (kWh)	Annual Demand Savings (kW)	Annual Gas/Oil Savings (therms)	Measure Life (yrs)	Measure Savings (\$)	Measure Payback (yrs)	PSE&G Buydown (\$)	Customer Total Share (\$)	Customer Monthly Payment (\$)
		Design & RFP Cost (\$)	Const Mgmt Cost (\$)	Const Admin Cost (\$)	Cx Cost (\$)											
1	C1 - New 1500 T Chiller			\$40,055	\$24,806	\$1,291,818	\$1,356,679	-146,241	-296	84,666	25	\$112,298				
4	H2 - Boiler Plant Optimization			\$1,997	\$1,237	\$64,408	\$67,642			70,598	18	\$114,369				
6	E2 - Lighting Replacements	\$206,416		\$24,923	\$15,434	\$803,791	\$1,050,564	1,250,543	235		15	\$212,592				
7	E3 - Lighting Controls	\$46,584		\$5,625	\$3,483	\$181,400	\$237,092	284,515	58		18	\$48,368				
	<b>Project Total</b>	<b>\$253,000</b>		<b>\$72,600</b>	<b>\$44,960</b>	<b>\$2,341,417</b>	<b>\$2,711,977</b>	<b>1,388,817</b>	<b>37</b>	<b>155,264</b>	<b>19</b>	<b>\$487,627</b>	<b>5.6</b>	<b>\$1,736,724</b>	<b>\$975,253</b>	<b>\$27,090</b>

### Summary Table

Customer Payback from Savings	2.0 years
Customer Share of the Project Cost	36%
PSE&G Share of the Project Cost	64%
Measure Savings	\$487,627
Annual Loan Repayment	(\$325,084)
Annual Net Cash Flow	\$162,542

# Phase 2

**Green Solutions**  
for Customers



Version: Project Close-Out

Hospital Ext Efficiency Program  
HUMC Main Chiller Plant Project

Date: 12/8/2015

Item	Measure Description	Estimated Fees (\$)				Direct Measure Cost (\$)	Total Measure Cost (\$)	Annual Electric Savings (kWh)	Annual Demand Savings (kW)	Annual Gas/Oil Savings (therms)	Measure Life (yrs)	Measure Savings (\$)	Measure Payback (yrs)	PSE&G Buydown (\$)	Customer Total Share (\$)	Customer Monthly Payment (\$)
		Design & RFP Cost (\$)	Const Mgmt Cost (\$)	Const Admin Cost (\$)	Cx Cost (\$)											
1	ECM 3A - Chiller Plant Upgrade	\$551,288		\$114,857	\$58,242	\$8,245,000	\$8,967,384	2,425,148	-220	62,429	25	\$513,410				
3	ECM 6A - Connection to Research Building	\$52,524		\$10,943	\$5,358	\$595,000	\$603,826	405,019	436		20	\$88,853				
	<b>Project Total</b>	<b>\$603,810</b>		<b>\$125,800</b>	<b>\$61,600</b>	<b>\$6,840,000</b>	<b>\$7,631,210</b>	<b>2,830,167</b>	<b>216</b>	<b>62,429</b>	<b>23</b>	<b>\$582,263</b>	<b>13.1</b>	<b>\$4,075,844</b>	<b>\$3,555,366</b>	<b>\$98,760</b>

### Summary Table

Customer Payback from Savings	6.1 years
Customer Share of the Project Cost	47%
PSE&G Share of the Project Cost	53%
Measure Savings	\$582,263
Annual Loan Repayment	(\$1,185,122)
Annual Net Cash Flow	(\$602,859)

# Phase 3

**Green Solutions**  
for Customers



**PSE&G**  
We make things work for you.

Date: 12/14/2017

## HUMC - Mediplex Connection

Item	Measure Description	Measure Cost (\$)	Annual Measure Savings (\$)	Summary Table	
1	7A - Connect Mediplex Bldg to CHW	\$1,308,655.00	\$94,406	Customer Payback from Savings (Yrs.)	4.1
2	8 - Steam Trap Repair/Replacement	\$88,901.00	\$76,348	Customer Share of the Project Cost	\$1,019,249.00
3	9 - Parking Garage Lighting	\$770,041.00	\$53,815	PSE&G Share of the Project Cost	\$1,502,348.00
4	10 - Stack Economizer Repair/Replacement	\$75,600.00	\$25,823		
5				Annual Measure Savings	\$250,391.33
6				Annual Loan Repayment	(\$203,849.80)
7				Annual Net Cash Flow	\$46,541.53
8				Monthly Payment	\$16,987.48
	<b>Total ECM Cost</b>	<b>\$2,243,197.00</b>			
	<b>Engineering Costs</b>	<b>\$278,400.00</b>			
	<b>Total Project Cost</b>	<b>\$2,521,597.00</b>	<b>\$250,391</b>		

# Summary – Utility Partnership

HackensackUMC	Project Cost	Our Cost	\$ Saved	kwh Saved	Therms Saved
Phase 1	2,711,977	975,253	487,627	1,388,817	155,264
Phase 2	7,631,210	3,555,366	582,263	2,830,167	62,429
Phase 3	2,521,597	1,019,249	250,391	1,375,789	122,289
<b>Total</b>	<b>12,864,784</b>	<b>5,549,868</b>	<b>1,320,281</b>	<b>5,594,773</b>	<b>339,982</b>

# Continuous Energy Oversight

- Monitoring in “Real Time” Central Chilled Water Plant, Boiler Plant, and all Critical AHU’s which creates new Energy Conservation Measures.
- Staffed with a Network Operations Center to work with HUMC Engineers.
- utiliVisor recommendations from 2009 thru 2017 resulted in \$2.9 Million in Operational Savings with no capital cost other than metering equipment.

# Continuous Energy Oversight

- Predictive Energy Analytics based upon Historical Central Utility Plant Data and Air Handling Systems.
- Implemented a Standard Operating Procedure for the Engineering Department.
- Energy Insight Platform analyzes Submetered usage in Individual Buildings.
- utiliVisor provides Measurement and Verification Services on all ECM's.

# Equipment Analysis

- utiliVisor's Platform accepts data from the Building Management System. Monitoring and Analyzing Chillers, Cooling Towers, Pumping Systems and Air Handling Units.
- Examples: Plant Operating Matrix and Plant Analysis Page

**utiliVisor** 30 Prospect Avenue - Hackensack, NJ 07601

Heke & StJohn CHW DP	Straw & Main CHW DP	Main & Conklin CHW DP	Women & Children	Link & Main CHW DP	Infill & Imus CHW DP
3.68 PSI(d)	5.11 PSI(d)	5.15 PSI(d)	15.11 PSI	5.27 PSI(d)	2.79 PSI(d)

**Weather** 6/17/2016 @ 6:22 AM

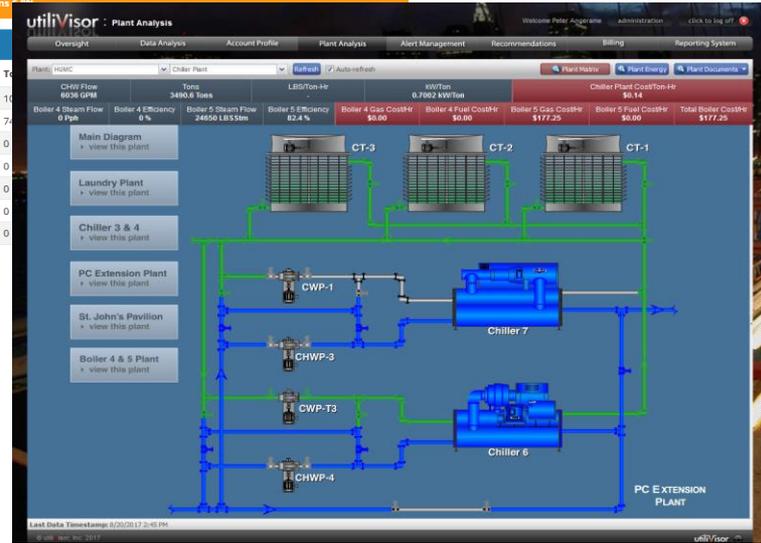
	Current	Forecast - (1 hour)	Max - Time
OAT	64.88 Deg. F	69	77 - 2:25 PM
DAWB	61.32 Deg. F	64.46	66.7 - 10:25 AM

**Operations** 6/17/2016 @ 6:20 AM

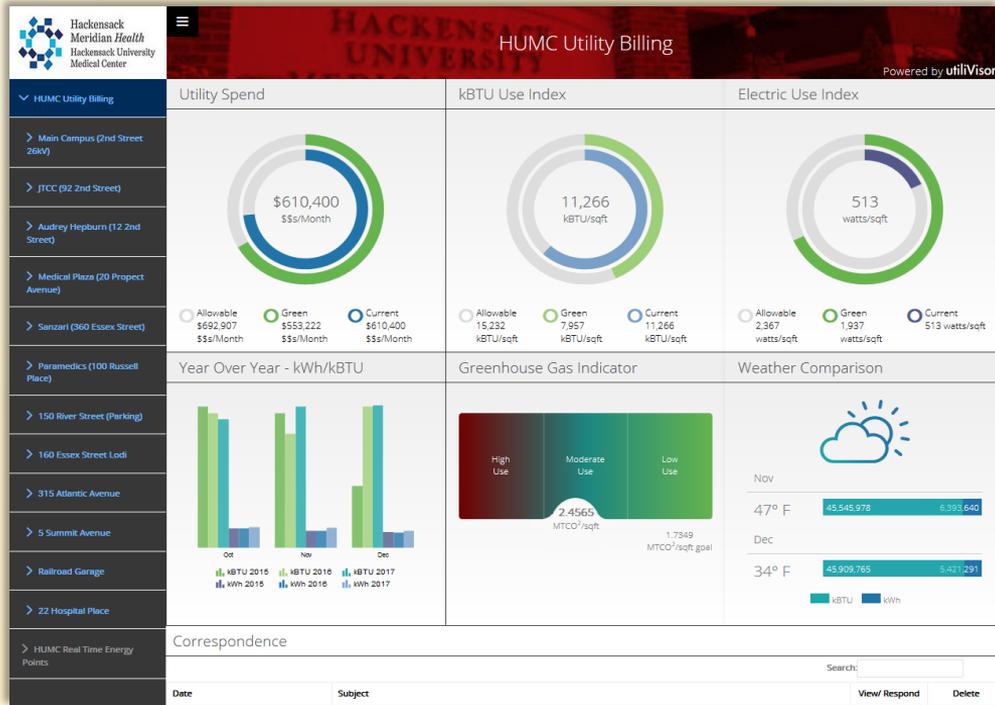
		Predicted (1 HR)	Max (Today)	Time of Max
Plant Tonnage	1746.23 Tons	2055.31	2662.17	10:00 AM
Plant Efficiency	0.6468 kW/Ton	0.7047	0.7257	10:00 AM
Base Model Efficiency	0.7011 kW/Ton	0.7047	0.7257	10:00 AM

**Chiller Plant**

	Status	Efficiency	T
Chiller 7	ON	0.4511	10
Chiller 4	ON	0.4636	7
Chiller 6	OFF	0	0
Chiller 3	OFF	0	0
Chiller 5	OFF	0	0
Chiller 1	OFF	0	0
Chiller 2	OFF	0	0



# Utility Insight Platform



## Sustainability Goal Compliance

With period data measuring the watts/sqft by building

## Update for Electric Usage

Analysis of building energy consumption throughout the day

## Year Over Year – kWh/kBTU

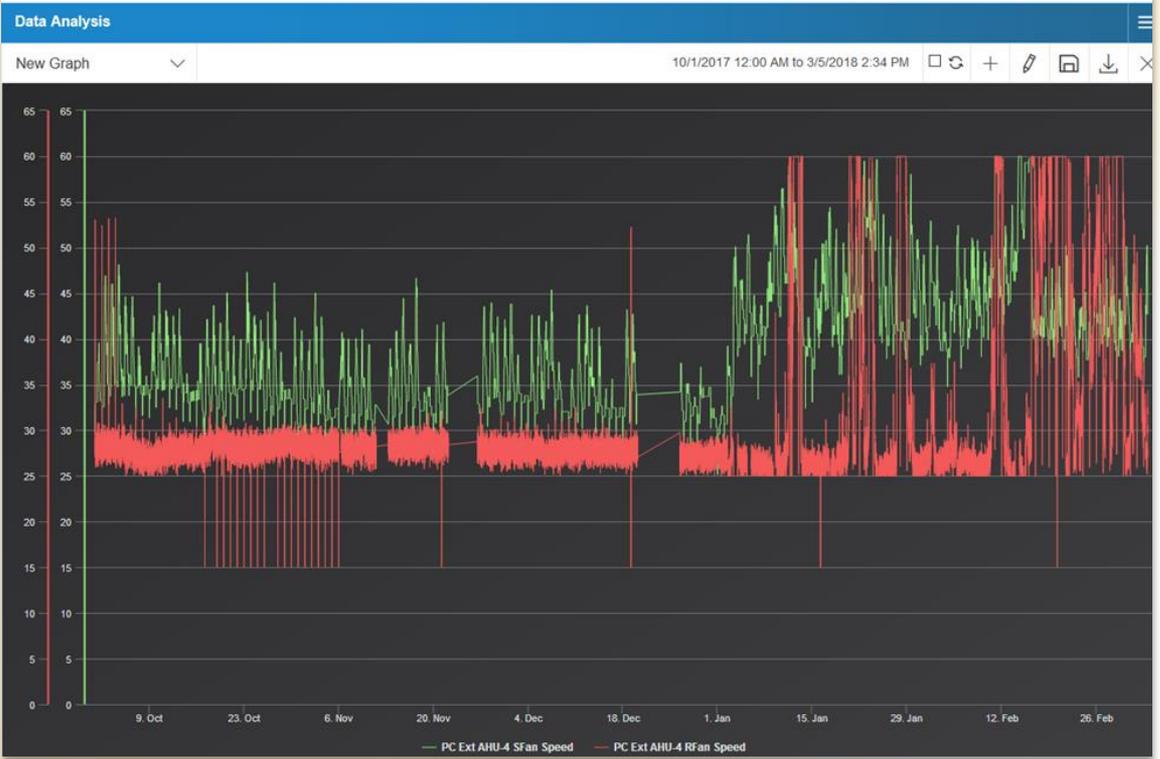
Comparative analysis of electric consumption

## Green House Gas Indicator

Graphic of Performance; as an Indicator

## Weather Comparison

Relationship of weather/electric consumption and costs



A new recommendation has been created for HUMC: PC Ext AHU-4.

Good Afternoon All,  
Over the past few weeks the PC Ext AHU-4 Supply and Return Fans speeds have trended higher than historically observed. Please see attached graph. This change in PC Ext AHU-4 operation coincided with the coldest days last month.

Additionally, the SA Static is always above the SA Static Sp. Is the supply fan placed in operator priority?

Regards,  
Erich

# Savings

2017 - Measure	Energy Saved	\$ Saved
Revised Control Specs: CHW/CW Flow Control and CT Sequence	1355127 kwh	135991.14
Boiler Head Pressure Setpoint Reduction	211434 therms	111187.43
Electric Chillers: Corrected Flow Measurements	326100 kwh	32069.35
Cooling Towers: Capped PC Ext. CTs	95550 kwh	9465.27
2016 - Measure	Energy Saved	\$ Saved
CHW/CW Flow Control	353917 kwh	35646
CT Sequence	1272738 kwh	127736
Boiler Head Pressure Setpoint Reduction	205143 therms	144260
2015 - Measure	Energy Saved	\$ Saved
AHU Cycling	326505 kwh	39181
90 Psi Steam Header Pressure Set point	267000 therms	170000
SAT Reset Schedule	423863 KWH	34069

- Total \$ Savings: ~\$2.9 million
- Total kwh savings: 17,058,200
- Total therm savings: 1,175,358

# Takeaways

- Tying energy reduction measure to facilities performance evaluation
- Keeping energy as a standing agenda item
- Continuous education for team
- Innovation

# Capitalizing on Utility Sponsored Energy Efficiency Programs

UW Health

Mary Evers Statz

Director Energy Management & Sustainability



# Agenda

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- **UW Health**
- **Our Energy Management Journey**
- **Retrocommissioning-RCx**
- **Measures Implemented**
- **Commissioning-Cx**
- **Energy Footprint & Cost 2013-2017**
- **Better Building Challenge**



- Integrated health system of the University of Wisconsin-Madison; clinical care and hospital entities are united.
- Serve more than 600,000 patients in south central Wisconsin and northern Illinois.
- Approximately 1,500 physicians and 15,000 staff at seven hospitals and eighty seven outpatient clinics.

# Our Energy Management Journey

- 2010 began benchmarking in Energy Star Portfolio Manager & engaged Focus On Energy
- 2011 small victories-over 110K in incentives, 1M kWh, 10,000 therms
- 2012 presented to Senior Leaders - “Becoming a More Energy Efficient Organization”:
  - Become an Energy Star Partner
  - Form an Energy Team
  - Share benchmarking data
  - Engage independent firms
  - Training-give Facilities the tools they need
  - Create a culture of awareness for conservation





# Retrocommissioning-RCx

- Focus on Energy Program statewide program-2012
- Second building in the state to enter the program
- UW Health's largest stand alone clinic-1 S Park:
  - 1970/1996
  - 174,000 SF with 34,000 SF ASC & 15,000 SF Medical Imaging
  - 2 MRI's & 2 CT's
  - Parking Ramp
  - Numerous remodels
  - 225,000 Patients/Yr.
- \$50,000 study cost



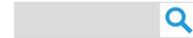
# Retrocommissioning-RCx

- Savings
  - \$66,000/yr cost avoidance
- Expenses
  - \$50,000 study cost
  - \$30,000 implementation cost
- Incentive
  - \$63,000 incentive
- Simple Payback = 0.3 years (after incentive)



# University Hospital-RCx 2013

Measures Implemented	Total Cost Savings (\$/year)
Equipment scheduling and optimization	\$342,186
Daylighting and lighting controls	\$6,257
Fume hood and lab rebalancing	\$77,184



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Share



University Hospital

Showcase Project: University Hospital

SECTOR TYPE  
Commercial

LOCATION  
Madison, Wisconsin

PROJECT SIZE  
1,700,000 Square Feet



## Annual Energy Use

(Source: EUI)



Energy Savings:  
**27%**

## Annual Energy Cost



Cost Savings:  
**\$2,250,000**

# UW Health Retrocommissioning Project Summary

Location	Year	Annual Electric Savings (kWh/yr)	Annual Gas/Steam Savings (therms/yr)	Annual Cost Avoidance	Project Cost	Simple Payback
1 S Park	2012	724,920 kWh	22,517 therms	\$ 66,000	\$ 82,000	15 months
University Hospital	2013	5,572,647 kWh	520,000 therms	\$ 488,075	\$ 486,124	12 months
Digestive Health	2015	1,752,426 kWh	66,404 therms	\$ 41,000	\$ 68,000	20 months
West Clinic	2016	413,887 kWh	35,119 therms	\$ 54,498	\$ 52,015	12 months
Swedish American Hospital **	2017	1,220,737 kWh	43,699 therms	\$ 122,000	\$ 25,498	3 months
Swedish American Regional Cancer **	2018	282,100 kWh	17,922 therms	\$ 32,000	\$ 10,000	4 months

\*\* Predicted savings

**TOTALS \$ 803,573 \$ 723,637 11 months**

Utility incentives of over \$585,000

# Measures Implemented

- Equipment scheduling & optimization to coincide with occupancy
- Daylighting, lighting controls & LED's
- Fume hood and lab rebalancing
- Increased economizer switchover
- Reduced humidity in non-critical areas
- Demand reduction strategies

# On Demand Savings Program

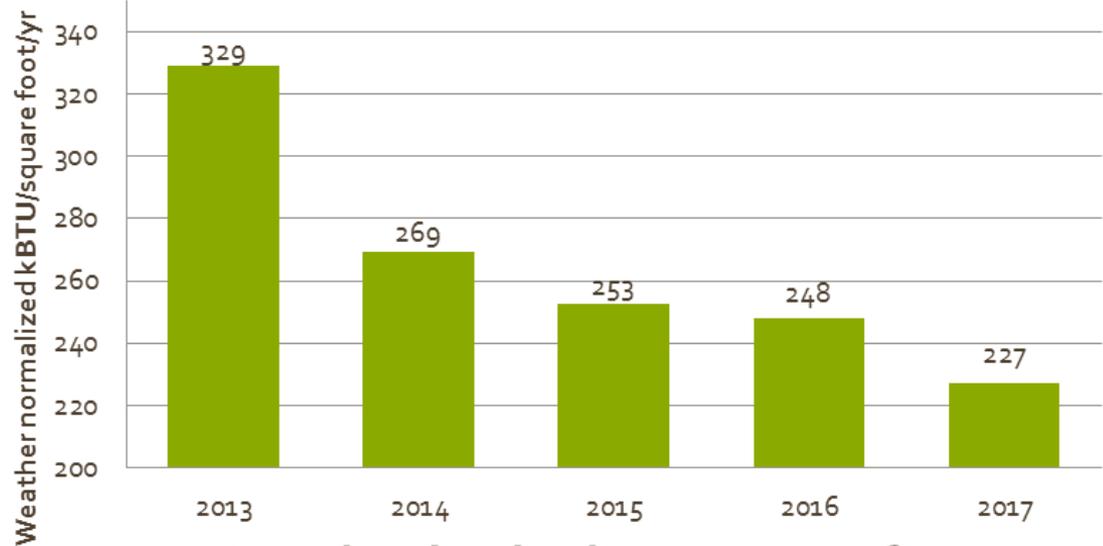
- Focus on Energy Program-Summer of 2016
- Reduces peak demand through BAS during summer months (June-Sept)
- Summary:
  - Digestive Health Center Clinic: \$1,200/month
  - 1 S Park Clinic: \$600/month
  - Administrative Office Building: \$1,100/month
- Total financial return for three buildings over four-month period (utility savings and incentives)= more than \$32,000

# Commissioning-Cx

- Union Corners Clinic-2016
- 60,000 SF
- Primary Care & Urgent Care
- Conventional HVAC, LED's
- Fully commissioned
- LEED Silver in 2017
- Focus on Energy Design Assistance Program-30K
- Energy Star Score of 94



# UW Health Energy Footprint



**31 % reduction in the amount of energy used per square foot**

# UW Health Energy Cost

<i>Year</i>	<i>kBtu/sqft</i>	<i>\$/sqft</i>	<i>\$/MBtu</i>	<i>Square Footage</i>	<i>Total Energy Cost</i>	<i>Difference</i>	<i>Increased Costs without Improvements</i>
2013	329	\$3.58	\$10.87	3,960,024	\$ 14,159,380	\$ -	\$ -
2014	269	\$3.56	\$13.23	4,043,905	\$ 14,409,877	\$ (250,497)	\$ 2,569,822
2015	253	\$3.17	\$12.54	4,064,156	\$ 12,876,837	\$ 1,032,047	\$ 3,261,827
2016	248	\$2.93	\$11.79	4,624,444	\$ 13,548,639	\$ 1,642,788	\$ 3,276,144
2017	227	\$2.83	\$12.45	4,624,444	\$ 13,089,642	\$ 2,712,526	\$ 4,219,716
						<b>Total: \$</b>	<b>13,327,509</b>

Healthcare facilities are one of the most energy-intensive building types,<sup>11</sup> spending more than \$9.7 billion on energy every year.<sup>6</sup> Program participants contribute to strategic initiatives that address common barriers in healthcare facilities, by implementing less energy-intensive technologies while meeting patient comfort standards and identifying funding opportunities for projects. Energy project funding mechanisms include green revolving funds, and partnerships with local utilities, to finance and implement energy-efficient upgrades. Water management has become a priority in more health systems to reduce operating costs and environmental impact. The activities of Better Buildings healthcare partners provide best practices that hospitals nationwide can replicate in energy management plans.



37  
SECTOR  
PARTNERS

470 MILLION SQ. FT.  
represents 11% of market floorspace

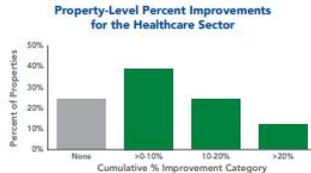
9 STEPPED UP TO THE CHALLENGE

28 ARE PARTNERS IN THE ALLIANCE



**Challenge Partners with Greatest Energy Savings**  
Savings Since Baseline Year

UW Health	18%
Cleveland Clinic	15%
NewYork-Presbyterian Hospital	11%
UPMC: University of Pittsburgh Medical Center	10%
University of Maryland Medical Center	10%
University of Nebraska Medical Center	10%



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Learn more at [betterbuildingsinitiative.energy.gov](http://betterbuildingsinitiative.energy.gov)

**Leadership in Action**

- ▶ **Beaumont Health System** saved an average of 69% across 253 lights, or 241,000 kWh in total annual savings, winning a Lighting Energy Efficiency in Parking (LEEP) campaign award.
- ▶ **HackensackUMC** anticipates 20% annual energy savings at its Medical Plaza facility by utilizing the local utility's on-bill repayment upfront funding program for projects like central chiller plant optimization, building automation system upgrades, and steam trap replacements.
- ▶ Leveraging an integrated approach to onsite renewable energy and energy efficiency, **Gundersen Health System** achieved over 3 months of energy independent days in 2016, while **Kaiser Permanente** is ranked in the top 25 commercial companies with installed solar capacity.
- ▶ **Welltower** was awarded National Association of Real Estate Investment Trusts' (NAREIT) Leaders in the Light for Sustainable Real Estate Practices in healthcare. Additionally, Welltower has certified 75 buildings in an internal Green Arrow Building Program that recognizes implementation of key sustainability measures.
- ▶ **NewYork-Presbyterian Hospital** is working closely with Lawrence Berkeley National Laboratory to host a new technology demonstration that provides real-building measurement and verification to advance EMIS technologies.
- ▶ **Cleveland Clinic** has reduced portfolio energy use 15% while improving patient comfort. For example, Hillcrest Hospital and the Twinsburg Family Health and Surgery Center completed air exchange rate optimizations and temperature setbacks in non-patient care areas. Cleveland Clinic also replaced 50,000 troffer lights, saving 10.2 million kWh in electricity annually and winning an award from the Interior Lighting Campaign.
- ▶ Responding to increasing water costs, droughts, and corporate goals, **Catholic Health Initiatives**, **Cleveland Clinic**, **Montefiore Medical Center**, **Oregon Health & Science University**, and **University of Nebraska Medical Center** are working to accurately benchmark and track water consumption, while finding opportunities to increase water efficiency across their portfolios.
- ▶ Recognizing a pivot toward water management, the Better Buildings Affiliate **American Society for Healthcare Engineering (ASHE)** included water consumption and operational data for the first time on its survey. The survey is intended to update the ENERGY STAR® score for hospitals and medical office buildings.
- ▶ **UW Health** enrolled in Wisconsin's Focus on Energy On Demand Savings Program and successfully reduced three facilities' electric demand levels by 12% compared to recent years, without disrupting employee or patient comfort.

**Sector Accomplishments**

- ▶ **Supported and shared solutions on optimizing air exchange rates** through case studies and conference presentations in healthcare facilities to improve patient health while reducing unnecessary energy consumption and meeting code standards.
- ▶ **Promoted the ASHE Healthcare Energy and Water Survey** to influence improved metrics for general medical and surgical hospital and medical office building performance benchmarking.
- ▶ **Encouraged improved operations with building energy management information systems (EMIS)** by promoting the **Smart Energy Analytics** campaign and the new **EMIS Primer**, which provide critical support and information to partners.
- ▶ **Provided resources on managing energy consumption** of central plants and related equipment through the **HVAC Resource Map** and conference presentations.
- ▶ **Helped utility members of the Consortium for Energy Efficiency** connect with utility energy efficiency offerings and provide resources to healthcare organizations. Documented best-practices in case studies, which are available at the **Better Buildings Solution Center**.

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# Resources

- [Continuous Energy Oversight Saves \\$400,000 Annually at Hackensack Meridian Health](#)
- [Utility Financing Partnership for Hospitals \(Hackensack Meridian Health\)](#)
- [UW Health's University Hospital Achieves 27% Energy Savings](#)
- [Building Automation Reduces Peak Load Across UW Health's Campus](#)
- [Better Buildings Financing Navigator](#)

# Thank You

## Questions?

**Samantha Stafford**

Better Buildings Healthcare  
Subject Matter Expert  
[sstafford@retechadvisors.com](mailto:sstafford@retechadvisors.com)