



Facilities Energy Report

Presented To Eric Ferguson

May 30, 2017



Energy Consumption/Sq Ft

Project Indicators

	2015 Actual	2016 Actual	2017 Goal	2018 Goal	2019 Goal	2020 Goal
Electricity Consumption (KWh) per SF	23.63	23.24	22.23	21.79	21.35	20.93
Energy Savings \$	1.4MM	2.25 MM	0.58 MM			
Energy Cost per SF	\$4.21	\$4.13	\$4.26	\$4.21	\$4.16	\$4.11

Adventist Health Portfolio Energy Savings

Year	2014	2015	2016	Overall
Utilities Budget	\$33,148,452	\$40,460,693	\$38,706,384	\$112,315,529
Utilities Savings Goal (\$)	\$662,969	\$809,214	\$1,201,192	\$2,673,375
Energy Savings (\$ Savings Achieved)	\$806,203	\$1,396,767	\$2,252,955	\$4,455,925
Energy Savings (% of Budget)	2.43%	3.45%	5.82%	3.90%
Cumulative Savings	\$806,203	\$2,202,970	\$4,455,925	

Energy Star Program

Energy - Others	Initiatives
Registered Energy Star Sites	<ul style="list-style-type: none">• 286
Energy Star Hospital	<ul style="list-style-type: none">• Sonora Regional Medical Center –Energy Star Certified in 2016 – First JLL Managed Hospital
Energy Star Building	<ul style="list-style-type: none">• Adventist Health Headquarters (Douglas Blvd) – Energy Star Certified in 2016
Energy Star 2017 Target	<ul style="list-style-type: none">• To certify 4 buildings-hospitals in 2017

Project Charter: Energy

Energy - Others	Initiatives
Efficiency Improvement	<ul style="list-style-type: none">• Lighting retrofit to LED• Install occupancy sensors and daylight harvesting• Air filtration upgrades• Install high efficient motors and belts
Alternative Energy solutions	<ul style="list-style-type: none">• Installation of CHP (Combining Heat and Power)• Solar Panels• Energy Storage (Thermal and Batteries)
Rebates and Incentives	<ul style="list-style-type: none">• Participate in all utilities programs offering rebates and incentives<ul style="list-style-type: none">• Healthcare Energy Efficiency Program• Direct Install Program• HVAC Optimization Program• Water Savers• BAS (Building Automation Systems)
Energy Procurement	<ul style="list-style-type: none">• Monitoring markets for advantageous energy rates.• Consolidation of utilities providers where possible (Direct Access)
Billing Audit	<ul style="list-style-type: none">• Utility rates and schedule pricing verification• Meter verification and validation.