




UNITY POINT PROCTOR

CASE STUDY



QUICK GLIMPSE	
Customer	Unity Point Proctor Hospital
Measures Implemented	Install a Webster burner with parallel positioning controls and oxygen trim (O ₂ trim)
Total Project Cost	\$122,424.00
Estimated annual energy savings	70,080 Therms
Estimated annual cost savings	\$43,286.66
ActOnEnergy incentives received	\$61,212.00
Estimated Payback	1.22 years



Impact*  or  or 

9,527 Trees **41,810 Gallons** **78.2 Cars**

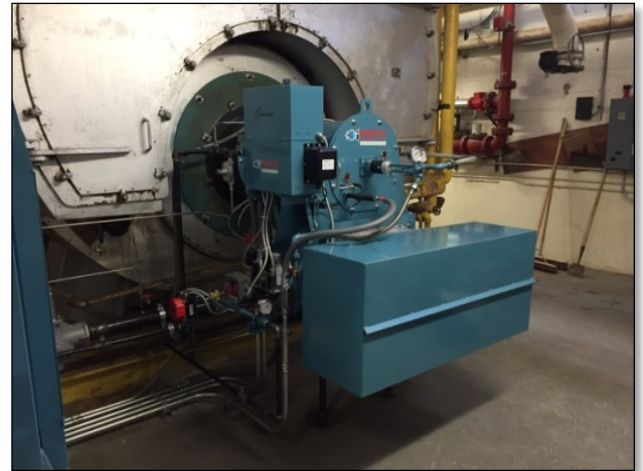
* Project impact calculated using the EPA Greenhouse Gas Equivalencies Calculator

BASELINE

Established in the 1950's, Unity Point Proctor is a 220- bed hospital. The 535,335 square foot hospital was partially served by a Kewanee boiler with a Gordon Piatt burner. Gordon Piatt burners are no longer manufactured and it is becoming increasingly difficult to find parts to repair faulty burners. This is a critical piece of equipment directly tied to the patient's wellbeing. Working with Ruyle, UnityPoint Proctor was able to replace the obsolete burner with a high efficiency burner that paid for itself in 1.2 years.

OUR SOLUTION

Ruyle replaced the existing burner with a high efficiency dual fuel burner with parallel positioning controls and oxygen trim (O₂ trim) from Webster. The burner was selected for its reliable, safe, and efficient operation.



BENEFITS

Working with the Ameren Illinois ActOnEnergy program, UnityPoint Proctor was able to receive \$61,212 in incentives to assist with the project cost. In addition, saving energy saves money. UnityPoint Proctor saved:

Existing Equipment

Total Therms per Hour: 62
Estimated Annual Operating Hours: 8,760
 Estimated Annual Therms 543,120

Installed Equipment

Total Therms per Hour: 54
Estimated Annual Operating Hours: 8,760
 Estimated Annual Therms 473,040

TOTAL THERMS SAVED 70,080 Therms
TOTAL ANNUAL SAVINGS \$43,286.66

