

ENTERGY SOLUTIONS CASE STUDY

HVAC Equipment & Controls: Perkins Rowe Mixed Use Development-Baton Rouge, LA



ABOUT

Perkins Rowe is a mixed-use development comprised of commercial, retail, entertainment and living options in the heart of Baton Rouge. The company was interested in reducing its energy consumption by upgrading its chiller system.

INEFFICIENCY CHALLENGE

The mixed-use community's chiller plant had older controls and inefficient equipment resulting in energy loss and increased operational costs.

THE ENTERGY SOLUTION

For this project, the chiller plant control system was upgraded to reduce the energy consumption of the condenser water pumps. The condenser system was optimized to vary with outdoor conditions decreasing the operation time of the cooling tower fans resulting in energy savings.

CHILLER PLANT OPTIMIZATION PROJECT COST AND ESTIMATED SAVINGS

Gross Project Cost:	\$128,266
Entergy Solutions Incentive:	\$25,000
Net Project Cost:	\$103,266
Estimated Energy Savings:	377,014 kWh/year
Estimated Cost Savings:	\$26,768 annually

19%
of project
cost covered

The simple payback period is 3 years and 11 months.



Condenser system at Perkins Rowe site.

Need a solution? Contact Entergy Solutions to speak with an Energy Advisor about program incentives and other energy saving measures at **844-929-1300** or visit **entergysolutionsla.com**.