



LAMAR UNIVERSITY



The Opportunity

Since 2016, Lamar University has partnered with Entergy Texas to lower energy costs on its campus in Beaumont, Texas. The university was so pleased with its first HVAC project in the Commercial Solutions Program that it went on to complete three more energy efficiency projects.

PROJECT AT A GLANCE

\$73,950 Incentives paid

862,630 Annual kWh savings

\$77,637 Estimated annual savings

The Project

The first project Lamar University completed was an HVAC retrofit in the John Gray Library in 2016. Lamar then completed a lighting retrofit in its Cherry Engineering building, replacing 46 T8 florescent fixtures with 28 energy efficient LED fixtures. Next, the university tackled an even larger lighting project in its Montagne Event Center. Ninety eight inefficient metal halide fixtures were replaced with 24 LED fixtures, and 155 incandescents were retrofitted with 28 LED fixtures. The upgrade also included a new lighting control system which is manageable by smart phone. Most recently, the university underwent a chiller retrofit at the North Central Plant. An 890-ton centrifugal water-cooled chiller was replaced with a more efficient 520-ton screw water-cooled chiller.

The Results

Since joining the Commercial Solutions Program in 2016, Lamar University has saved a total of 862,630 kWh – the equivalent of eliminating the greenhouse gas emissions of 128 passenger vehicles for a year. Lamar has also received \$73,950 in incentives from Entergy Texas, significantly offsetting costs.

Overall, these projects have improved both comfort and safety on campus and have saved the university money that it has been able to invest back into its students and education programs.

To learn more about the Entergy Texas Commercial Solutions Program, contact CLEARResult at **855-884-5617** or **entergytx@clearesult.com**.

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CASE STUDY

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