

# Large Commercial case study



**NICHOLLS STATE  
UNIVERSITY**

**\$145,633.50**

in incentives

Estimated

**862,600 kWh**

saved annually

Estimated

**\$69,008**

saved annually



## Nicholls State University — Thibodaux, LA

**Project summary:** Nicholls State University is an accredited regional university with a diverse population of about 6,000 traditional and nontraditional students. Equipment had been aging over time and needed to be updated.

**Challenge:** The Stopher Gymnasium and Ellender Memorial Library had some aging and failing equipment that was running 24/7. The outdated equipment and additional runtime created high energy consumption; uncomfortable conditions for students, faculty, staff and visitors; and potential damage to books and historical documents.

**The Entergy solution:** Johnson Controls (JCI) identified several pieces of mechanical equipment in both buildings that needed to be replaced, such as DP transmitters, two 25 hp variable frequency drives and BACnet controllers. JCI installed all the new equipment and commissioned the chiller water systems to run on a variable-speed pumping program. The equipment in both buildings is running less and follows the university schedule, significantly reducing energy consumption.

“Nicholls is benefiting from the building automation system upgrades performed through the Entergy Solutions program. I am ecstatic that we will save approximately 888,000 kWh annually, and we are grateful to Entergy and the Entergy Solutions program for assisting in making the campus more energy efficient and sustainable. Nicholls State University looks forward to continuing its partnership with Entergy as we work together to foster a brighter, more sustainable future for Nicholls State University and the surrounding communities.”

**Dr. Jay Clune, President of Nicholls State University**

### About Entergy Solutions

Entergy Solutions is a program that gives incentives to Entergy Louisiana customers to perform energy-saving upgrades in their facilities. The program offers many ways to decrease energy use and save on expenses while maintaining a modern, safe operation.



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