

## Louisiana *Save Energy Now* Program

Louisiana's Industrial Assessment Center (IAC) is partnering with the Louisiana Department of Natural Resources (LDNR) to deliver a state *Save Energy Now* program. The goal is to use more than 200 assessments performed by the IAC to increase the energy and carbon dioxide emissions savings that already had been achieved prior to the start of the project.

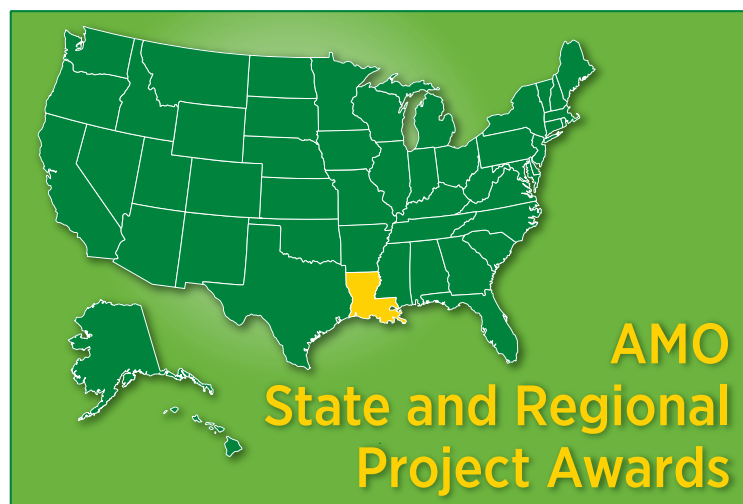
The Program is increasing the number of no-cost assessments offered, as well as assisting clients in developing energy management plans. The project team is utilizing the existing IAC infrastructure, client connections, and state energy office outreach to extend the benefits of the existing program to a greater number of industrial facilities in the state, such as manufacturers in the food preparation industry and oilfield service companies.

Not only is the project team expanding the deployment of IAC assessments in Louisiana, but it is also bringing additional resources to its stakeholders, such as those available from the U.S. Department of Energy (DOE) Advanced Manufacturing Office (AMO). For example, AMO *Save Energy Now* workshops offer tools, training, printed materials, and workbooks on key energy-intensive manufacturing systems to targeted industries. The results of these efforts will be published on the University of Louisiana at Lafayette's website, which is managed by IAC students.

### Progress and Milestones

Activity Description	Goal	Completed to Date
Assessments	20	20
Identified Energy Savings (Trillion Btu)	30	40.6
Implemented Energy Savings (Trillion Btu)	30	24.38
Trainings	4	4
Individuals Trained	40	59
Pilots / Demonstrations	3	5
Plants Impacted	3	25

(As of June 2011)



### Project Description

**Funding Amount:** \$597,481

**Funding Source:** American Recovery and Reinvestment Act

**Program Period:** 9/30/2009 to 3/31/2013



### Project Success Highlights

- Completed all 20 planned energy assessments
- Completed five post-assessment reports
- Held four energy savings workshops

### Primary Investigator

Louisiana State Energy Office, Baton Rouge, LA

### Project Partners

COMM Engineering, Lafayette, LA

University of Louisiana, Lafayette, LA

### 3 Year Project Benefits

- Increased the number and types of industrial energy assessments conducted in Louisiana.
- Reduced Louisiana's annual industrial energy consumption by more than 2.5%.
- Implemented energy savings of an average \$82,000 per year per plant.
- Reduced carbon dioxide emissions by approximately 100,000 tons per year for each plant by the end of year three.

In support of this program, the LDNR has completed all 20 of its planned one-day IAC assessments. The Department also has completed post-assessment implementation reports about 12 of the 20 plants that received an assessment. Of the five planned corporate Energy Management Plans, three are currently being drafted—Baker Hughes, Cooper Cameron, and Lafarge. Baker Hughes and Cooper Cameron are large corporations in the oil field services and petroleum bulk stations services industries, while Lafarge is a large corporation in the construction materials industry.

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**Applications in Our Nation's Industry**

This project will expand a partnership among academia, state offices, and utilities that will continue to help reduce the energy intensity of industrial manufacturers in Louisiana. The industrial energy efficiency project will reduce industrial energy intensity and its associated carbon emissions throughout the state.

**A Strong Energy Portfolio for a Strong America**

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

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