The U.S. is the 2nd largest energy consumer; America needs Louisiana energy.

Without the contribution of Louisiana, our nation would lose:

- **12%** Natural Gas Production Capacity
- **18%** Petroleum Refining Capacity
- **20%** Crude Oil Production

LSU research works to advance energy.

**Cleaner Energy**
- The LSU Center for Atomic Level Catalyst Design develops advanced research tools to more efficiently convert resources—like natural gas, biomass, or coal—into clean energy and higher value products.
- With the aid of a $1 million U.S. Department of Energy grant, LSU petroleum engineering researchers are working on a strategy to provide low-cost, environmentally benign geothermal energy to remote coastal areas of the state, which could boost the region’s economy.

**Sustainable Energy**
- At the LSU AgCenter Audubon Sugar Institute, researchers received a $17 million USDA grant to develop new processes in biofuels from Energy Cane (high-fiber sugarcane) and sweet sorghum, using existing Louisiana sugarcane factory infrastructure.

**Efficient Drilling**
- LSU is the only university in North America where future petroleum engineers can get hands-on training in well control, thus reducing the severity of drilling accidents, at its Petroleum Engineering Research and Technology Laboratory.
- The LSU Department of Petroleum Engineering has developed the Gas-Assisted Gravity Drainage enhanced oil recovery method, which can extract more oil at a lower cost than traditional methods.

For more information, call the LSU Division of Strategic Communications at 225-578-8654. 

#LSURESEARCH