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.

Clean and Sustainable 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.
- An LSU engineer is developing a novel battery system to harvest energy from sea, river, and wastewater that could help power large cities.

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 Transfer 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.

407 billion barrels of oil remain in drilled oil fields throughout the U.S.

Current technologies recover only 5 to 10% of the trapped oil.

Gas-assisted gravity drainage may extract 65 to 90% of the trapped oil.

LSU holds nearly $80 million in energy-related research grants. Visit www.lsu.edu for more information.