



A Premier Research Facility

The EMS Energy Institute at Penn State is a leading research and development organization focused on energy science and engineering. We are committed to:

- Providing academic and technical leadership in the development and assessment of energy technologies,
- Providing Penn State students with the unique experience of conducting research beyond the classroom within a diverse community of faculty and staff coordinated by the EMS Energy Institute’s Office of Student Development,
- Fostering strong relationships with various industries and government agencies critical to addressing the nation’s energy needs and nurturing future career opportunities for students,
- Providing energy outreach to the industrial, commercial and residential sectors in the Commonwealth of Pennsylvania through leadership in the EMS Energy Institute’s Office for Energy Outreach,
- Performing energy research and development in the areas of:
 - § Clean Fuels and Catalysis,
 - § Fossil Fuels,
 - § Fuel Cells,
 - § Materials,
 - § Opportunity Fuels,
 - § Renewable Energy/ Sustainable Energy,
 - § Stationary Combustion and Gasification Systems,
 - § Advanced Fuels and Combustion for Transportation Systems.

