



## MISSOURI- STATE ENERGY PRIORITIES AND OPPORTUNITIES

### U.S.-India State and Urban Initiative

#### Missouri's Energy Profile and Priorities

Coal-fired power makes up about 75 percent of generation in Missouri. Nuclear power is second at about 12 percent, with natural gas at around 5 percent and renewables less than 4 percent. The mix is changing, however, as more coal plants switch to natural gas. The state requires its investor-owned utilities to procure at least 15 percent of their sales from renewable energy by 2021. The state has significant wind energy potential and is third in the nation for biodiesel production capacity.

#### Potential Opportunities

##### *Companies, Incubators, & Research Institutions*

[Alliance for Collaborative Research in Alternative Fuel Technology](#): ALL-CRAFT is a partnership of two universities, the Midwest Research Institute, and other private and public entities aimed at developing storage solutions for natural gas and hydrogen to be used as transportation fuels.

[Ameren Accelerator](#): Ameren Accelerator is a business accelerator that provides resources to companies developing innovations in energy. Startups currently housed at Ameren Accelerator are developing technologies in transmission infrastructure and smart grids.

[Center for Physical Electrons and Power Electronics](#): The CPPPE at the University of Missouri-Columbia is a research center working to develop breakthroughs in defense, environmental applications, life sciences, and energy. The center's energy work focuses on developing new energy storage technologies.

[EaglePicher Technologies](#): EaglePicher is a battery manufacturing company that develops nine different battery chemistries as well as battery management systems and interfaces for the defense, space, aviation, medical, and oil and gas sectors.

[Energy Innovation Center](#): The EIC at State Fair Community College is a research, development, commercialization, and training center focused on landfill gas-to-energy technology. The center also houses an incubator for developing and testing new energy technologies.

[Energy Research and Development Center](#): The ERDC at Missouri University of Science & Technology conducts research into energy issues. Research areas include natural gas, nuclear, microgrids, and solar.

[Missouri Alternative and Renewable Energy Technology Center](#): The MARET Center at Crowder College is a research and education center dedicated to increasing understanding of renewable energy technologies. The center focuses on solar, wind, and geothermal technologies.

[Missouri Center for Advanced Power](#): MOCAP is a partnership between Missouri universities and private companies dedicated to developing new energy storage technologies.

##### *State Programs*



[Missouri Division of Energy](#): The Division of Energy in the Missouri Department of Economic Development provides energy information to residents, conducts energy policy research and analysis, and provides financial and technical assistance for energy efficiency and renewable energy projects.

[Missouri Alternative Fuel Infrastructure Tax Credit](#): Missouri offers a tax credit to individuals or businesses who invest in electric charging stations or other alternative fueling properties constructed by Missouri contractors.

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