



NEBRASKA- STATE ENERGY PRIORITIES AND OPPORTUNITIES

U.S.-India State and Urban Initiative

Nebraska's Energy Profile and Priorities

The majority of Nebraska's power comes from coal-fired generation, hitting 58.9 percent in November 2017. Renewable energy, chiefly wind energy, is second at 21.6 percent, followed by nuclear at 19.2 percent and natural gas at 1.2 percent. The state is also investing in hydrogen-powered electricity generation—Nebraska Public Power District has signed a contract to buy hydrogen from a new carbon black manufacturing plant to serve as a fuel at one of its existing coal-fired plants. Nebraska is the second-largest state for ethanol production.

Potential Partnership Opportunities

Companies, Incubators, & Research Institutions

[Bluestem Energy Solutions](#): Bluestem Energy Solutions is a renewable energy developer that sells power to utilities as well as commercial and industrial clients. The company works in wind, solar, energy efficiency, transmission infrastructure, and energy storage.

[Nebraska Center for Energy Sciences Research](#): NCESR is a collaboration between Nebraska Public Power District and the University of Nebraska-Lincoln aimed at developing innovations in renewable energy. Research areas include biofuels, biomass, carbon capture, solar, and wind.

[Nebraska Public Power District](#): NPPD is a publicly-owned power district that provides generation, transmission, and distribution to Nebraska customers. In addition to providing power, NPPD also provides economic development services to local communities. NPPD has expressed interest in collaborating with Indian partners on energy issues.

State Programs

[Nebraska Energy Office](#): The Nebraska Energy Office administers energy efficiency and renewable energy programs for the state. These include loans for wind, solar, and fuel cell projects.

[Access Ethanol Nebraska](#): The Nebraska Energy Office administers the Access Ethanol grant program, which reimburses fueling stations for the cost of installing E-85 ethanol pumps.

[Nebraska Wind and Solar Conference](#): The Nebraska Energy Office organizes the annual Nebraska Wind and Solar Conference with representatives from the agricultural and energy sectors in Nebraska.

Other Opportunities

The Nebraska state government formed the [Governors' Biofuels Coalition](#) in 1991, which comprises representatives from 36 states and 6 international governments. The coalition advocates for increased production and use of ethanol.

For more information, contact:



Dr. Kartikeya Singh, Deputy Director and Fellow, Wadhwani Chair, CSIS KSingh@csis.org

Lisa Hyland, Associate Director, Energy and National Security Program, CSIS LHyland@csis.org

Stephen Naimoli, Research Associate, Energy and National Security Program, CSIS SNaimoli@csis.org