

Duane Arnold Energy Center

A New chapter

The United States is seeing a significant increase in the demand for all forms of electricity. Given the rise in demand, NextEra Energy Resources is evaluating the feasibility of restarting Duane Arnold Energy Center, the only nuclear power plant in Iowa.

NextEra Energy Resources is the majority owner of the Duane Arnold Energy Center and a leading operator of nuclear, wind, solar, battery energy storage and natural gas facilities across the country.

Community benefits

During its initial operation, the Duane Arnold Energy Center acted as an economic driver for the state while delivering clean energy for Eastern Iowa:

- » Provided nearly 1,500 high-quality local jobs during plant operations and outages.
- » Supported \$255 million of economic activity within Iowa.
- » Engaged local emergency responders in rigorous emergency preparedness drills, helping them respond to natural disasters such as the historic 2008 flooding in Cedar Rapids.
- » Reduced CO₂ emissions by approximately 4 million tons annually – the equivalent of removing 800,000 cars from the road every year.
- » Supported the local community with more than \$1 million in employee and company donations to area non-profits.

Safety

During its operation, the Duane Arnold Energy Center regularly set the standard for the industry for operational excellence. As the possibility of restarting the plant is explored, our team is upholding the same commitment to excellence and safety.

After safely and reliably serving Eastern Iowa for decades, the Duane Arnold Energy Center was taken offline. All fuel was moved to long-term dry storage and equipment was secured.

Used fuel

- » All fuel at the Duane Arnold Energy Center has been placed in long-term dry storage.
- » Used nuclear fuel is stored in large, air-tight, welded stainless steel canisters that are placed in concrete vaults. This technology is industry-proven and designed for long-term, safe storage until a site is available for permanent disposal by the U.S. Department of Energy.

Plant History

