



FIRE ISLAND WIND

PROJECT OVERVIEW

Since 2012, CIRI's Fire Island Wind Project has delivered renewable, emissions-free energy, with the capacity to power more than 7,000 homes in Southcentral Alaska. Fire Island Wind represents the area's first utility-scale independently owned wind project, helping redefine the future of energy in Cook Inlet and beyond.

The project consists of eleven 17.6-megawatt turbines whose blades sweep an area greater than an acre. In 2016, Fire Island Wind was lauded by General Electric Company as one of the top four wind-energy projects in the U.S. In 2023, Fire Island Wind was awarded

the Groundbreaking Community Wind and Sustainable Energy Project from the Distributed Wind Energy Association.

The Fire Island Wind project is an important step toward energy diversification in the Cook Inlet region, providing a new source of electric power to Southcentral Alaska's power system and eliminating up to 500 million cubic feet of natural gas consumption annually. A long-term power purchase agreement with Anchorage utility Chugach Electric Association helps protect against the risk of fluctuating energy prices.

HISTORY OF FIRE ISLAND

- **Location:** Fire Island is situated three-and-a-half miles off the west coast of Anchorage.
- **The Dena'ina Athabascan name for Fire Island is Natul'iv**, which means "*object that stands in the water*".
- **Fire Island's modern-day name comes from Captain James Cook and his 1776-1778 Northwest Passage expedition.** After sailing into Tikahtnu, later dubbed Cook Inlet, Cook sent some of his men to explore an island near what is today the city of Anchorage. They built a fire there and ate. Because the fire served as a beacon to Cook, he dubbed the stretch of land "Fire Island."
- **According to a Dena'ina Elder, a village once existed on Fire Island, but an epidemic forced the survivors to evacuate sometime before 1934.** Nonetheless, Fire Island was the site of Dena'ina fish camps from 1918 until the 1970s. From 1909 to 1955, the island was designated as a breeding ground for Alaska moose. During World War II, the U.S. Army used it as an observation point to guard against Japanese submarines.
- **CIRI acquired Fire Island as a surplus federal property in 1982.**
- **CIRI currently owns 90% of Fire Island's 4,000 acres**, with the rest belonging to the Federal Aviation Administration and the U.S. Coast Guard.

PROJECT BENEFITS

- Capable of powering **7,000** Anchorage homes
- Eliminates up to **500 million cubic feet** of natural gas consumption annually
- **Diversifies** Southcentral Alaska's power-generation resources
- Clean, **renewable** energy
- Long-term power-purchase agreement **improves power-price stability**
- Significant private investment in the **Alaska Railbelt**

11 GE XLE 1.6 MW WIND TURBINE GENERATORS

- Hub height — 262 feet (80 meters)
- Wind turbine blades — three blades at 131 feet each (40 meters)
- Rotor diameter — 271 feet (82.5 meters)
- Swept area — 1.32 acres (5,345 square meters)
- Designed to operate between 9 and 18 RPM
- Active yaw control — steers the machine with respect to wind direction
- Active blade pitch control — regulates turbine speed



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Fire Island Wind LLC is a wholly owned subsidiary of Cook Inlet Region, Inc. (CIRI). CIRI is one of 12 land-based Alaska Native regional corporations created pursuant to the Alaska Native Claims Settlement Act. CIRI's regional boundaries roughly follow the traditional Dena'ina Athabascan territory of Southcentral Alaska. CIRI was incorporated on June 8, 1972, and is owned today by a diverse group of Alaska Native Shareholders who live in Alaska and beyond.

CIRI manages a diverse and strategic investment portfolio for the long-term benefit of its Shareholders. CIRI's investments include energy and infrastructure, with a focus on decarbonization, along with real estate, investment securities, land and natural resources, private equity and venture funds, and a government services business portfolio.

Through the success of its investments, CIRI provides benefits to CIRI Shareholders, Descendants, and 60,000 Alaska Native and American Indian people in the CIRI region and beyond. With cumulative distributions to Shareholders that top \$1.3 billion, CIRI remains focused on its objective to delivering meaningful and sustaining benefits to its Shareholder-owners and their families.