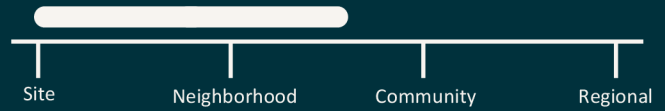


Location

SCALE

Wyman Power Station, Yarmouth



Aerial image of Wyman Power Station by The Portland Press Herald.

DESCRIPTION:

The Wyman Power Station is an oil-fired power station owned by NextEra Energy in Yarmouth, Maine. Found on Cousins Island, the facility has four steam turbine units. The plant has been used mostly as a peaking power plant, only used when another big plant goes offline or when extreme weather temperatures spike the regions demand for energy.

TRAVEL CORRIDORS & INFRASTRUCTURE:

The plant is used when another plant goes down or when the region is in high demand, and the flooding may not make it a reliable backup. If the roads surrounding the plant flood, accessing it will become a challenge.

SOCIAL DEMOGRAPHIC

Historically, the Wyman Power Station was an economic center for the community, employing a large workforce beginning in the late 1950s. Although employment has decreased, it continues to represent an opportunity for growth for Yarmouth.

ECONOMY:

Wyman Power Plant is Yarmouth’s largest property taxpayer, contributing around \$2 million annually. The plant provides many employment opportunities and supports local community organizations. Additionally, it has the largest battery storage project in New England, helping to provide grid stability.

COASTAL HAZARDS



Erosion



Storm Surge



Sea Level Rise

VULNERABILITIES



Coastal Infrastructure



Economic Importance



Travel Corridors



Social Demographic



Essential Infrastructure

STRATEGY TYPE



Policy/Program



Nature-based



Hardscape

WHY IS THIS A PRIORITY SITE?

Rip-rap protects soil from erosion, and therefore protects the coastline surrounding the Wyman Power Plant from extreme damage. If the rip-rap experiences extreme destruction, the shoreline will no longer be stabilized and stormwater can not be controlled.

STRATEGIES:

- Monitor plans for the Wyman Power Station going forward to ensure the productive and beneficial reuse of the property that maintains or improves the local economy.
- Preserve the habitat around the Wyman Power Station
- Converse with NextEra Energy regarding reducing its carbon footprint and increasing its use of renewable energy

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