



## CITIZEN'S ADVISORY COUNCIL TO LA PORTE INDUSTRY

### Eolian Energy: Potential Battery Storage Project in La Porte

Melissa Miller, Senior VP of Development at Eolian Energy, introduced the company and its proposed battery storage project Moccasin Pointe that could be built in La Porte. Eolian Energy is known for developing wind, solar, and battery storage solutions, particularly in regions experiencing electrical congestion. Miller highlighted the capabilities of Eolian's battery energy storage systems that are operational across. These systems are particularly crucial in Texas, where they enhance the flexibility and reliability of the power grid managed by the Electric Reliability Council of Texas (ERCOT).

Miller emphasized that Eolian's facilities can respond instantly to changes in power demand and supply, thereby stabilizing the grid during rapid shifts or failures of other power sources. This responsiveness is powered by Wärtsilä's GEMS Digital Energy Platform, which oversees the energy flow, ensuring essential grid support and providing ancillary services such as frequency response and regulation.

In response to the growing needs of the electrical grid in the Houston area, Eolian Energy began planning the proposed La Porte battery storage site in 2020. If approved, the La Porte project is projected to be operational by 2028 and involves an investment of \$500 million. This project aims to provide 500 MW of power, significantly bolstering the area's energy resources. During her presentation, Miller provided a walkthrough of the proposed site location and explained how the site was selected. She also discussed ERCOT's peak demand records and growth trends, emphasizing how the La Porte site could serve as a critical backup in case of failures by other electrical providers, thereby enhancing grid reliability and stability.

The CAC is a forum for candid and constructive dialogue between those who live or work in La Porte, Morgan's Point, and Shoreacres and the managers of 44 chemical plants in La Porte. The CAC welcomes visitors. It meets again on Tuesday, May 7 at 6:00 p.m. to learn about Electrical Grid Capacity. Contact [info@laportecac.org](mailto:info@laportecac.org) if you wish to attend. The CAC shares information about its meetings and presentations at [www.laportecac.org](http://www.laportecac.org).