# WELCOME LRE Braided Creek Wind

# COMMUNITY OPEN HOUSE **BUDA PROVIDENCE** Braided Creek Wind **KENTVILLE ROAD MORSE LOMBARDVILLE**

# ABOUT US - LRE



| Key Statistics (MW) Operating |                        |        |
|-------------------------------|------------------------|--------|
| Oper                          | ating Portfolio        | ~3,300 |
|                               | ects under<br>truction | 16     |
|                               |                        |        |
| Key Statistics (MW) Pipeline  |                        |        |
|                               |                        | Греппе |
| Wind                          |                        | ~2,400 |
|                               |                        |        |
| Wind                          |                        | ~2,400 |

with more than ~20GW in long-term pipeline

- Braided Creek Wind, LLC is a wholly owned subsidiary of Leeward Renewable Energy, LLC. (LRE). LRE is a high-growth renewable energy company spearheading economic growth and energy independence in communities across the U.S.
- The company owns and operates a portfolio of 31 wind, solar, and energy storage facilities stretching from Californiato New Jersey totaling approximately 3 gigawatts of generating capacity.
- LRE is actively developing and contracting a robust pipeline of new renewable energy projects across the U.S.

# WIND PROJECT LIFECYCLE

#### SITE SELECTION

- Proximate access to electrical transmission system & available capacity
- Suitable acreage size, topography, etc.

#### **ELECTRICAL INTERCONNECTION**

• Multi-year study process resulting in an interconnection service agreement and ultimately back feed of power to the grid.

Feasibility Study Study Study Construction & Interconnection Service Construction & Backfeed

#### **POWER OFFTAKE**

- Long-term Power Purchase Agreements (PPAs) with credit-worthy counterparties (e.g. utilities, large industrial users, etc.).
- PPA guarantees a revenue stream that enables financing of the project.

#### **DECOMMISSIONING**

- At the end of the project's life, wind turbines will be removed at the company's expense.
- Coordination with local officials to hold decommissioning cost in escrow starting in year 1 of operations.



#### CONSTRUCTION

• Construction will last approximately 9-to-18 months from start to finish.

#### **OPERATIONS**

 Braided Creek Wind is expected to operate for 30to-55 years.

# KEY FACTS

### PROJECT SITE SELECTION

- Suitable, flat acreage with minimal environmental and cultural sensitivities.
- Near existing electrical infrastructure.
- Strong regional demand for new, low-cost renewable power.
- Adjacent to existing wind farms that LRE has operated for years.

## **PROPERTY VALUES**

- Wind energy is a low-intensity, passive use of the land.
- Will not generate substantive amounts of traffic, dust, odors, or other nuisances.
- Enhanced setbacks will help mitigate visual impacts 50% greater setbacks from non-participating homes than is required by Bureau County.
- Well-developed wind projects do not have a negative impact on property values.

## PROJECT DECOMMISSIONING

- The above-ground equipment will be removed at the company's expense at the end of the project and the land will be restored to its original condition.
- Decommissioning cost will be held in escrow during commercial operation.

# KEY FACTS

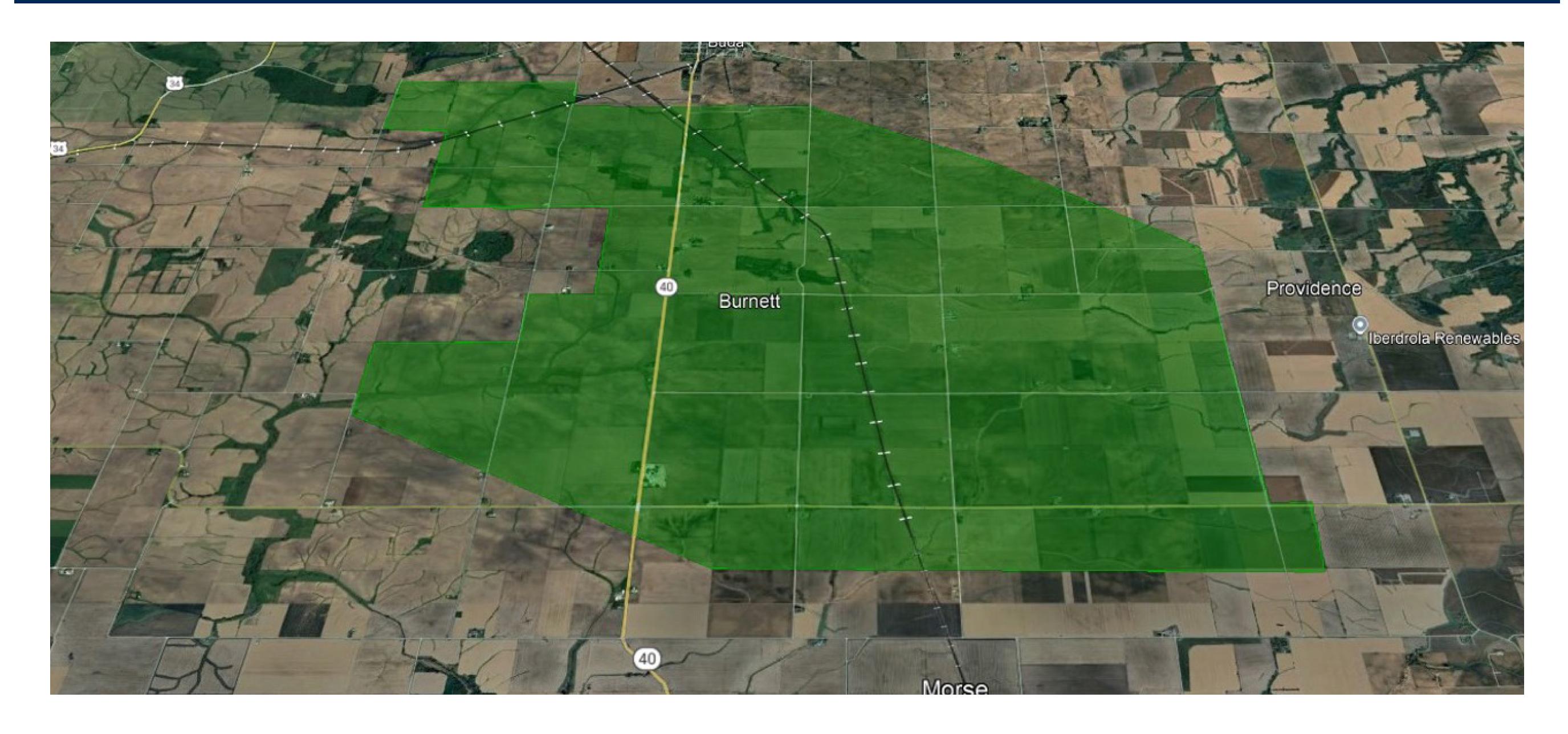
#### MINIMAL IMPACTS

- No operational GHG emissions or noxious odors.
- No need for permanent water or sewer systems.
- Negligible operational traffic.
- Minimal land usage change; Turbines typically occupy less than 1 acre of property and at least 98% of the land can remain in farming operations.
- Negligible noise beyond the project boundary.
- LRE has committed to Aircraft Detection Lighting System (ADLS), limiting turbine lighting to only when aircrafts are in the immediate vicinity of the project.

#### PROPERTY DRAINAGE

- Drainage will not be negatively impacted by the wind project.
- Drain tile review to be completed prior to final design and construction.
- Damaged tiles will be rerouted or repaired by local experts.
- LRE is responsible for maintaining current drainage capabilities

# PRELIMINARY LAND USE MAP



PRELIMINARY SITE LAYOUT, SUBJECT TO CHANGE BASED ON DETAILED DESIGN

# PROJECT FACTS

# **OVERVIEW:**

- 147–megawatt wind energy facility under development.
- Braided Creek Wind is currently in the permitting process and construction is expected to begin in 2027.
- Once operational in 2028, Braided Creek Wind will produce enough clean energy to power more than 57,000 homes per year.
- Up to 41 wind turbines depending on design parameters.
- Estimated operational life: 30-55 years.
- Approximately \$344 million capital investment in Bureau County.

## **LOCATION:**

- Bureau County, Illinois between the Village of Buda, Kentville Road, and LRE's operational Crescent Ridge Wind and Lone Tree Wind farms.
- Located on privately-owned land and 98% or more of the leased land will remain untouched and farmable.

## **ECONOMIC IMPACT:**

- Construction estimated to create approximately 400 direct and indirect jobs, and more than \$110 million in total economic output.
- More than \$48M in new property taxes over the 30-year life of the project.

# ANTICIPATED SCHEDULE

Permitting 2025

Construction 2027

Operational 2028

# PERMITTING STUDIES & REPORTS



**Economic Impact Analysis** 



**Television Interference Analysis** 



**Communication Interference Analysis** 



Soil Condition / Soil Borings



**Noise Study** 



**Shadow Flicker Study** 



**Decommissioning Study** 



**Agricultural Impact Mitigation Agreement** 



Review and Recommendation from the IL. Dept of Natural Resources (IDNR)



Review and Recommendation from U.S. Fish and Wildlife Service (USFWS)



**Desktop Cultural Resources Review** 



Fire/Emergency Management Plan

# LOCAL BENEFITS

### INCREASED ECONOMIC ACTIVITY

- Significant capital investment in the County (Est. \$344M).
- More than \$48M anticipated in new property tax revenue over the 30-year life of project.
- Adding low impact, assessed value to the region.
- Construction estimated to create approximately 400 direct and indirect jobs, as well as significant induced and indirect economic activity.
- LRE has two other existing and operational wind projects nearby in Bureau County Lone Tree Wind and Crescent Ridge Wind. Those projects have contributed millions of dollars in new taxes to the county, created hundreds of construction jobs, and generate enough energy to power more than 53,000 homes each year.

# MINIMAL STRAIN ON LOCAL SERVICES AND LOW IMPACT USE OF LAND

- Limited water consumption and no sewer needs.
- No additional burden on school system or public services.
- Land remains locally owned and retains agricultural zoning, which allows the land to be reverted to prior use once decommissioned.
- Land not occupied by turbines remains in prior use.
- Once operational, the wind facility is a passive use of land no substantive amounts of traffic, dust, odors, or other nuisances.
- At the end of operations, the equipment is removed, and the land is restored to its prior use.

# RECIPIENTS OF THE BRAIDED CREEK WIND TAXES

Estimated total new tax receipts for each entity over the 30-year-life of the project.

## **SCHOOLS**

| Illinois Central Community College #514 | \$123,942    |
|---|--------------|
| Black Hawk Junior College #503          | \$142,953    |
| Bradford Unit #1                        | \$1,175,422  |
| Kewanee Unit #229                       | \$1,221,390  |
| Princeton High School #500              | \$1,605,971  |
| IVCC Junior College #513                | \$1,916,187  |
| Princeton Grade School #115             | \$2,498,764  |
| Bureau Valley Unit #340                 | \$25,716,153 |

# **MUNICIPALITIES**

| MTA #13         | \$82,763    |
|-----------------|-------------|
| Indian Township | \$722,775   |
| Macon Township  | \$3,783,740 |
| Bureau County   | \$4,427,956 |

# FIRE DEPARTMENTS

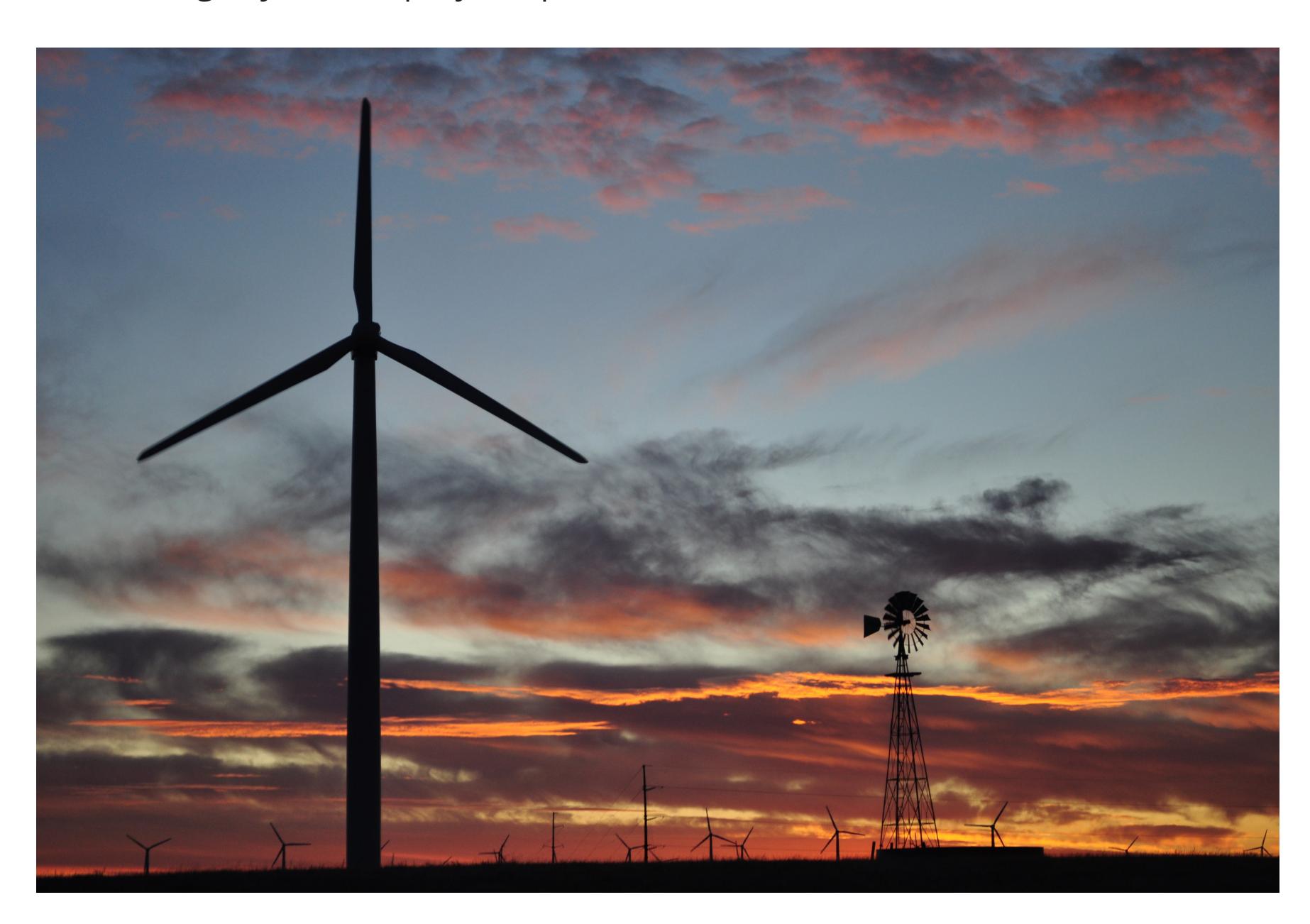
| Neponset Fire      | \$38,713    |
|--------------------|-------------|
| Bradford Fire      | \$285,308   |
| Tiskilwa Fire      | \$641,991   |
| Buda Fire District | \$3,566,169 |

# **ADDITIONAL RECIPIENTS**

| Bureau County Soil and Water Conservation District | \$10,785  |
|--|-----------|
| Bradford Public Library                            | \$53,902  |
| Tiskilwa Library                                   | \$191,256 |
| Mason Memorial Library                             | \$678,655 |

# OPERATIONS AND DECOMMISSIONING

- Typically, 3-10 full-time O&M employees are on site during normal working hours; remote monitoring at night and during off hours.
- Access road network within the project will be maintained by on-site crews.
- Components are disposed and/or recycled at the end of the project's useful life, per federal and local requirements.
- Site will be restored to its previous condition at the end of the facility's life.
- Decommissioning and restoration costs will be held in escrow starting in year 1 of project operations.





# THANK YOU

If you have additional questions about Braided Creek Wind, please contact:

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