open house or town hall meetings in fall of 2026

Mid to late 2028 for construction start

VESPER ENERGY

Red Hollow Renewable Energy
Archer County, TX
April 2026

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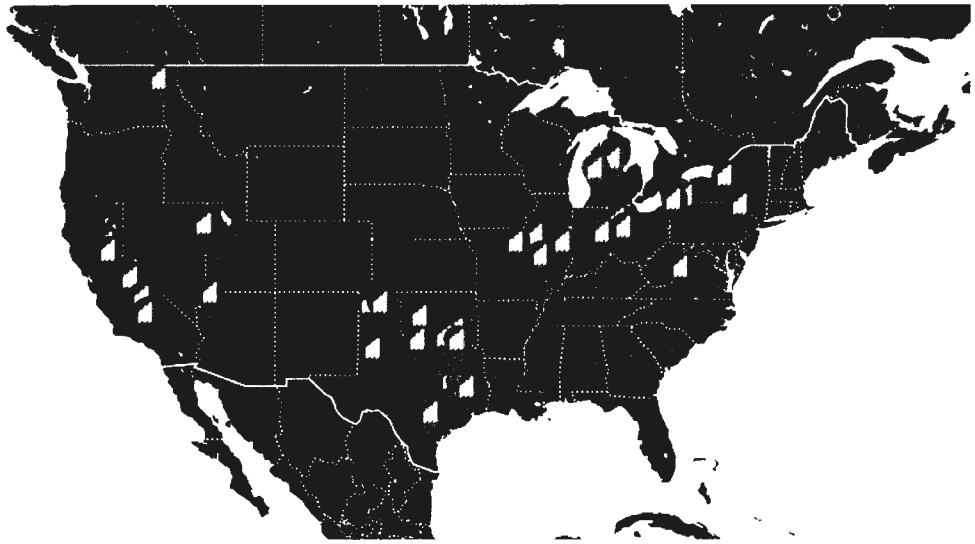
Vesper Energy

VESPER ENERGY

- Experienced developer, owner, and operator of utility-scale renewable energy and energy storage assets across the US.
- Founded in 2015 as Lendlease Energy Development and rebranded as Vesper Energy in 2020.
- Experienced team:
  - Commercial success across several solar and storage projects, including one of the largest Solar assets in the United States.
  - 9,000+ MWh pipeline in the U.S. across ~15 energy storage projects
- Experience in the region: successfully developing several projects in ERCOT



Solar Energy + Energy Storage = An Ideal Partnership

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- Solar panels harness the energy from sunlight and turn it into sustainable electricity.
- Paired with energy storage such as Battery Energy Storage Systems (BESS), we can enhance the use of solar by adding additional energy into the local electrical grid, making it stronger, more stable and secure.
- BESS bridges the gap between peak solar production during the daytime and peak energy usage in the evening, resulting in an increased supply of sustainable electricity for both families and businesses.
- The ability to store extra solar power generated during times of peak production for use during times of peak demand also makes it possible to significantly increase the overall supply of affordable energy, which benefits consumers and the environment alike.

*Generated Art Image

What is Battery Energy Storage?

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*Animated Image

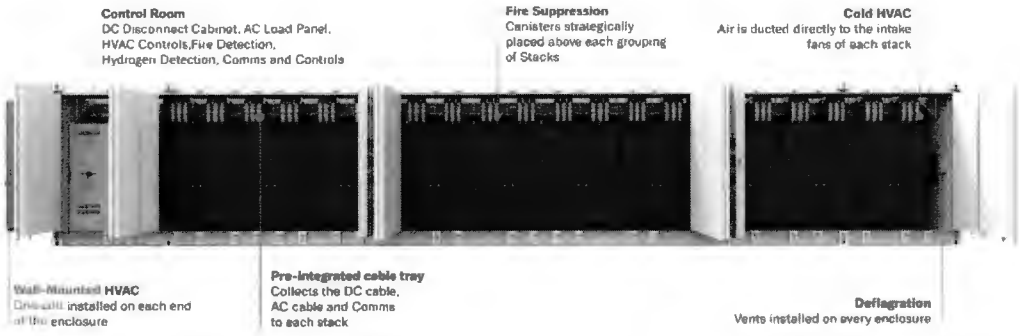
*Image courtesy of Tesla

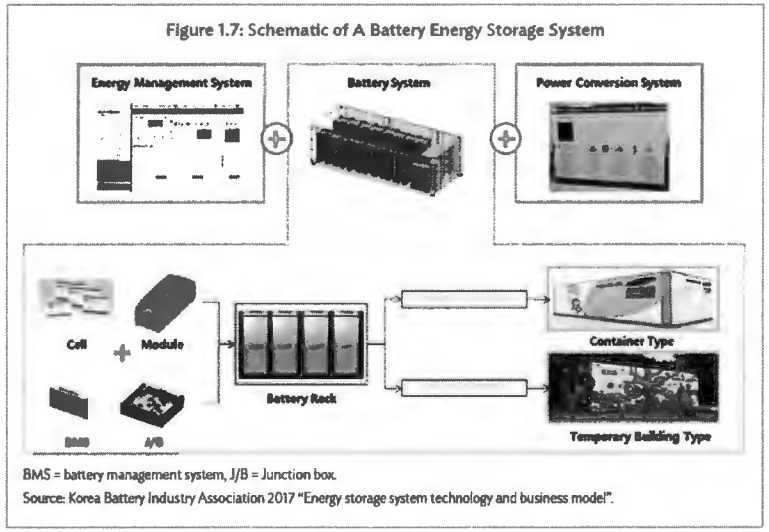
- Utilizes a common and well understood technology. Lithium-Ion batteries are a safe and high-energy-density power source commonly used in cell phones and power tools. (OSHA)
- No pollution during normal operations (Union of Concerned Scientists)
- Quiet - will comply with local noise ordinances.
- Enhances grid reliability, security, and helps prevent blackouts, including in extreme heat and cold.
- Between 9-12 ft tall comparable to shipping containers

Appearance and Components

- Enclosures – 'house the lithium-ion batteries'
  - Contains separated cabinets which leads to enhanced safety
- Storage enclosures include an HVAC system and either air or liquid cooling to maintain steady temperatures
  - Maintaining stable temperatures is critical to the battery cells' stability
- Inverters
- Project substation
- BMS – battery management system, a 24/7 remote monitor system that collects live data on the individual enclosure. Included in every enclosure.
- EMS – Energy management system, serves as the repository for the data from the BMS'

Dry Bridge Energy Center, 20 MW/80 MWh (Chesterfield, VA – owned by Dominion Energy)





Why build in Archer County?

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Siting Solar + BESS

- Demand for reliable energy
- Proximity to major electrical infrastructure
- Available land

Battery Energy Storage in Texas

- ERCOT needs 72% more energy resources within five years at peak demand
- ~3,000 MWs of operational batteries in ERCOT
- 50,000 MWs proposed (San Antonio Express News)

Securing the Texas Grid

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Energy experts say battery storage helped Texas grid during January freeze

BY BLESSING IWUCHUKWU | TEXAS
PUBLISHED 12:30 PM CT FEB. 09, 2026

TEXAS — Some Texans are seeing the light again after January's winter weather event.

Thousands were left in the dark, but it's nothing compared to previous winter storms thanks to some new additions to our state energy grid.

Spectrum News, 2/9/26

Batteries saved Texas consumers $683M during 2-day January freeze: Aurora Energy Research

The Electric Reliability Council of Texas could utilize about 20 GW of battery energy storage in 2035, up from roughly 4 GW today, according to a report commissioned by battery developer Eolian.

Published May 24, 2024

Utility Drive, 5/23/2024

Solar power proves its worth as heat wave grips the state

Texas has seen a boom in solar power in recent years, and experts say that's helped the state grid weather an intense June heat wave.

BY EMILY FOXHALL
JUNE 28, 2023, 5:00 A.M. CENTRAL

REPUBLISH ↗ SHARE

The Texas Tribune, 6/28/23

As brutal heat tests Texas' power grid, batteries play a small but growing role in keeping the lights on

This summer, industrial scale batteries have helped boost the energy supply during critical evening hours. Battery storage represents a small fraction of Texas' energy mix now, but it's expected to rise sharply in coming years.

BY KEATON PETERS AND EMILY FOXHALL SEPT. 12, 2023 5 AM CENTRAL

SHARE REPUBLISH ↗

The Texas Tribune, 9/12/2023

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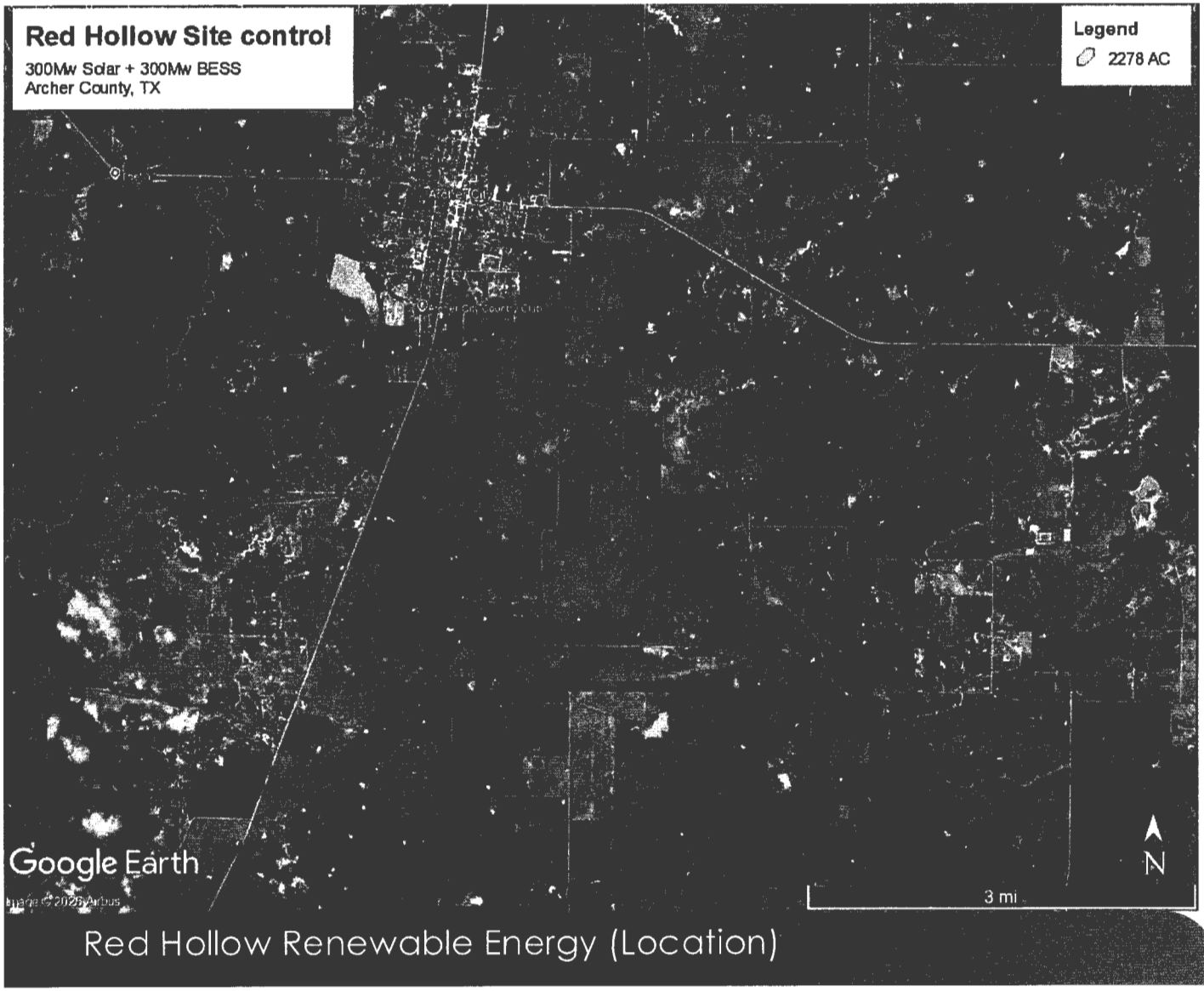
Project Overview



Red Hollow Renewable Energy (Location)

Red Hollow Renewable Energy

- Red Hollow Renewable Energy is a proposed 300-megawatt solar and 300-megawatt Battery Energy Storage System (BESS) project.
- Interconnection studies in progress with Oncor.
- Located on ~2,300 acres of privately owned land in Archer County, Texas.
- Site will avoid Wetlands and provide setbacks from floodplains.
- Total project footprint: ~1,400 acres
- Solar Array Coverage: ~1,300 acres
- Battery Storage Coverage: ~40 acres

- **345Kv Transmission Line corridor- Red**
- **300Mw Solar Arrays- Gray**
- **Point of Interconnection (POI)- Substation-Purple**
- **300Mw Battery (BESS)- Green**

Red Hollow Renewable Energy (Prelim Site Plan)

Example Projects

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- Energy Storage project (~200 MWh)
- Angleton, TX

- Vesper Energy's Hornet Solar (600Mw)
- Double the size of Red Hollows projected footprint.
- Swisher County, TX

Vesper's Commitment to Safety

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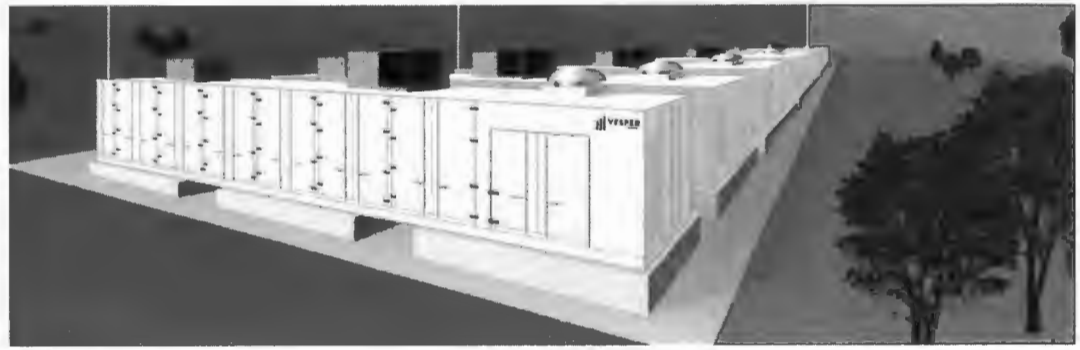
- Safety features
  - Each container has its own cooling system.
  - Batteries are monitored 24/7, 365.
  - Can be taken offline remotely.
  - Batteries are compartmentalized and tested to prevent propagation.
  - Strict regulations and testing standards.
  - Decommissioning- Vesper will commit to a full decommissioning bond at the start of the project to return the property to its original state at the end of life.
  - Vesper Energy will work closely in partnership with first responders on final design, emergency response plans, and provide ongoing first responder training.
    - UL 9540A – The containers are tested to ensure that propagation does not occur between enclosures
    - UL 9540 – standard for energy storage system performance
    - NFPA 855 - Standard For the Installation of Stationary Energy Storage Systems



Vegetation Management

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- Vesper will utilize a vegetation management system, potentially sheep grazing.
- Photos below from Vesper's Hornet site.

Community Benefits and Engagement

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Benefits

- ✓ Support and enhance existing electric corridor and infrastructure
- ✓ Enhance grid reliability and stability
- ✓ Reduce outages
- ✓ Contribute to lower electricity prices
- ✓ Support an "all-of-the-above" energy strategy in Texas
- ✓ New tax revenue for Archer City, Archer County, public schools, and emergency services

Community Engagement

- ✓ Commitment to transparency, partnership, and safety
- ✓ Local outreach is ongoing
- ✓ Quarterly community giving program
- ✓ Community sponsorships