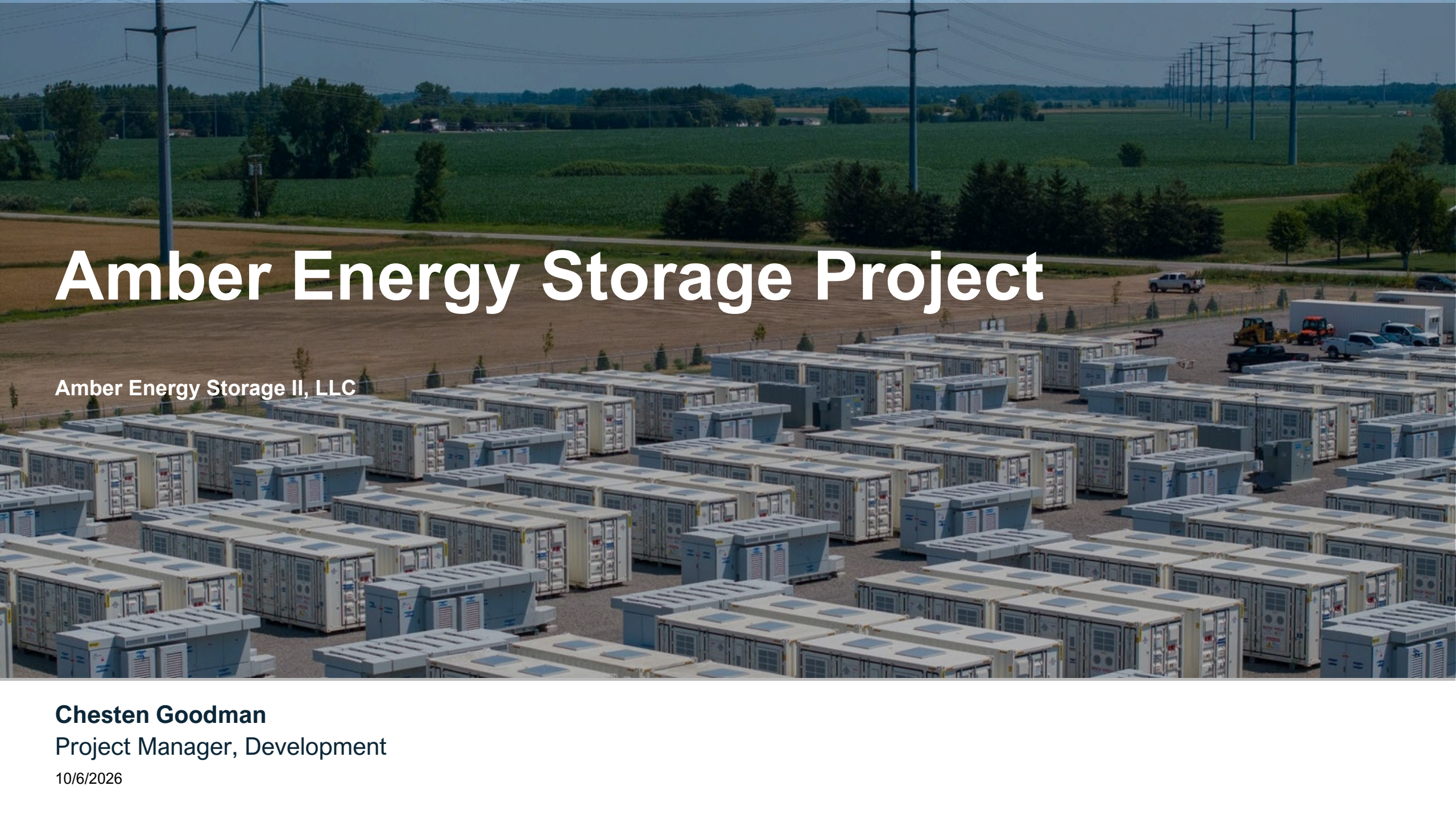




Amber Energy Storage Project

Amber Energy Storage II, LLC

Chesten Goodman
Project Manager, Development

10/6/2026

Agenda

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NextEra Energy Resources Introduction

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Amber Battery Energy Storage Overview

3

Safety & Operations Excellence

NextEra Energy Resources

One of America’s largest infrastructure developers, building all forms of energy across renewables, battery energy storage, natural gas and nuclear

NextEra Energy Resources – your trusted energy developer:



American-owned and operated company with more than **35 years** of energy infrastructure experience



Trusted energy provider working with local utilities in **41 states across 400+ projects**



Committed to enhancing **energy reliability, sustainability and safety** for communities nationwide



22 GW
Wind



10 GW
Solar



5 GW
Battery
Storage

Enough wind and solar energy to power ~11 million homes

Why battery energy storage systems (BESS) matter

Battery energy storage systems ensure your community has reliable power when you need it most



- **Keeps your power reliable:** Battery storage balances and improves grid operations
- **Strengthens energy independence:** Local energy supply reduces reliance on distant power sources
- **Supports American competitiveness:** Battery storage provides the reliable, clean energy US manufacturing and data centers need to compete
- **Reduces costly upgrades:** By improving grid efficiency, delays power plant and transmission upgrades
- **Makes renewable energy work around the clock:** Stores wind and solar energy when it's plentiful and delivers it when your community needs it most

Why communities choose NextEra Energy Resources

Trusted by communities nationwide, NextEraEnergy Resources benefits from over a decade of safe BESS operations

NextEra Energy Resources is the largest developer, owner and operator of Battery Energy Storage Facilities in the U.S.¹



Industry expertise: Over 60 battery energy storage systems safely operating across the U.S. and Canada



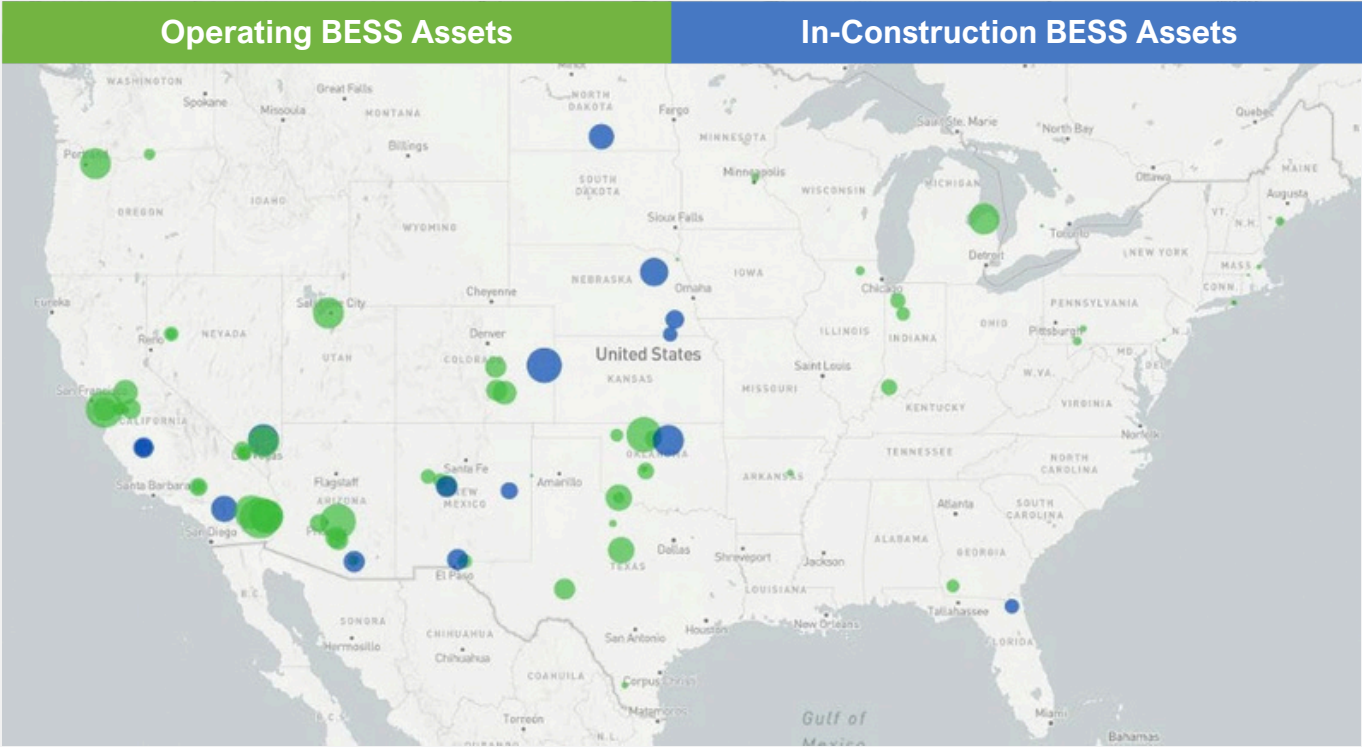
Proven safety record: Decade+ of safe operations with rigorous safety protocols and emergency response planning



Community benefits: Our projects increase grid reliability, create jobs, boost local tax revenue and contribute to affordable energy



Trusted relationships: Built through decades of serving utility, commercial and industrial customers



1. Wood Mackenzie BESS market study (2026) and NextEra Energy investor materials supplemental resources – Generation Portfolio 03/31/2026

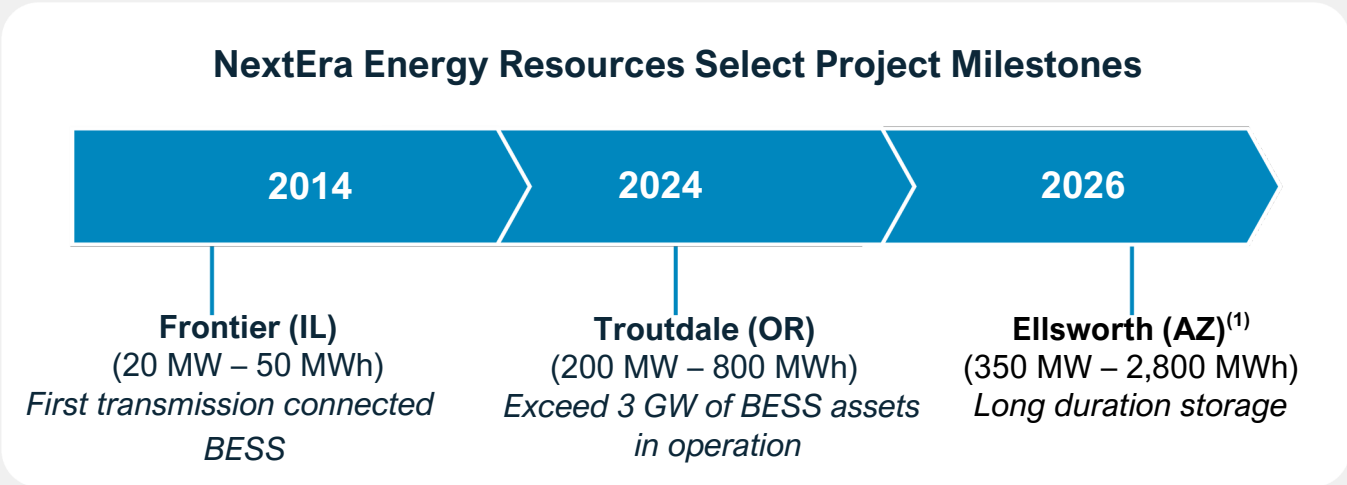
NextEra Energy Resources' proven track record

More than 10 years of safe operations across over 60 BESS facilities with continuous safety improvements



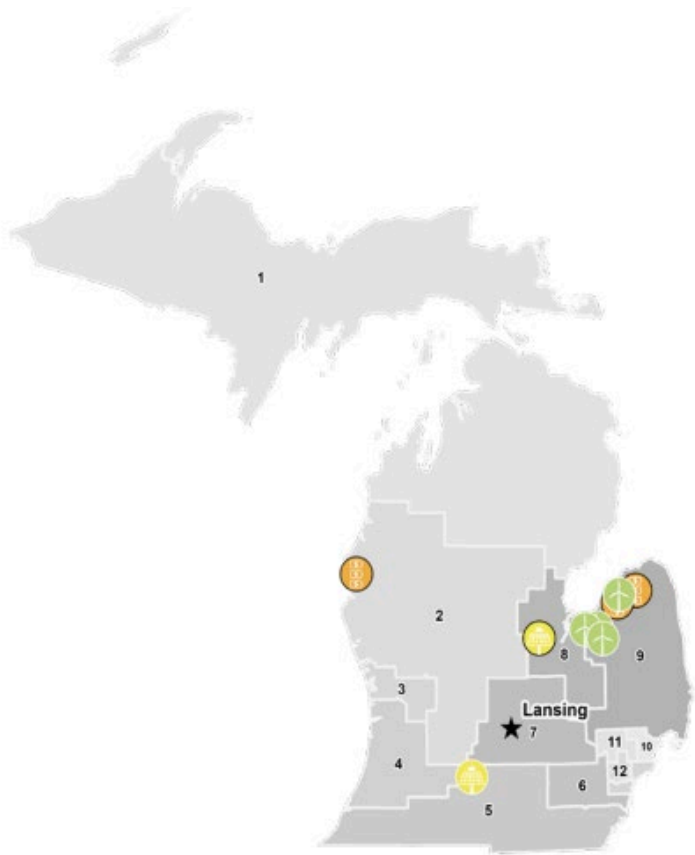
We pioneered the deployment of battery energy storage projects

- Gained practical experience building the largest battery energy storage fleet in America
- Continuous innovation and design improvements focused on safety, reliability and value for customers
- Over 10 years of safe operations with robust emergency response capabilities



1. Project is contracted

Generating affordable, homegrown energy for Michigan since 2010



- **4 wind energy centers** in operation
- **1 utility-scale solar center** in operation
- **8 utility-scale battery projects** in development
- **1 distributed energy resource** in operation
- **1 battery energy storage** in operation



\$1 billion total capital investment



\$72 M annual payroll



\$5.7 M annual land payments

Legend: Wind Utility-Scale Solar Distributed Energy Resources Battery Energy Storage Development/Construction

Assets by congressional districts

Amber Energy Storage project overview



Capacity 500 MW | 4-hour duration

Enough electricity to power approximately 375,000 homes for 4 hours when operating at full-capacity



Interconnect into Pere Marquette 138 kV Substation



BESS facility will utilize approximately 50 acres

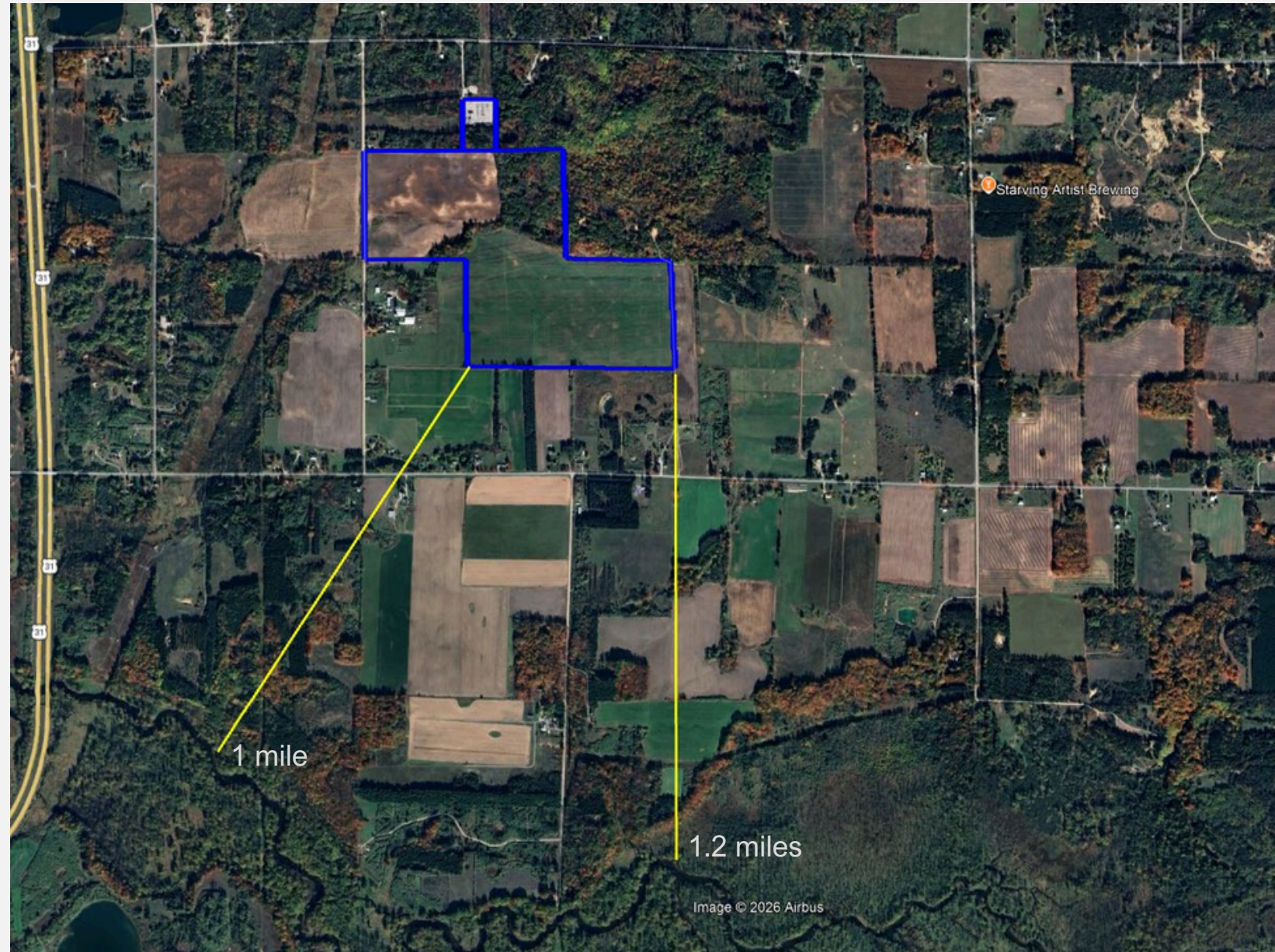
Amber Energy Storage, LLC will own approximately 156 acres



Commercial operations targeting Phase 1, 2029 (100 MW) – Phase 2, 2031 (400 MW)



Amber Energy Storage project map



Current project timeline



Typical battery energy storage system

- **A battery energy storage system typically includes the following components:**

- Individual battery cells.
- Battery cells are collected into modules.
- Modules are then housed in specially designed, climate-controlled storage container.
- Inverters to convert electricity from DC to AC (and vice versa).
- Thermal management systems to maintain temperature control.
- Can be paired with a renewable energy asset or stand-alone.

Battery Cell



Battery Module



Battery Rack



Battery Container



The flow of energy: from generation to grid integration

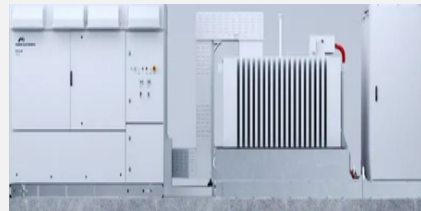
Understanding the process of electricity conversion within our battery energy storage systems is simple

Charging the batteries



Batteries store excess energy generated from renewable resources like solar and wind, or directly from the grid.

Converting DC ↔ AC



Smart inverters efficiently convert DC energy to AC energy, which is ready to be used by the grid.

Voltage increase with transformers



Transformers step up the voltage of AC energy at substations, to match transmission requirements.

Grid interconnection

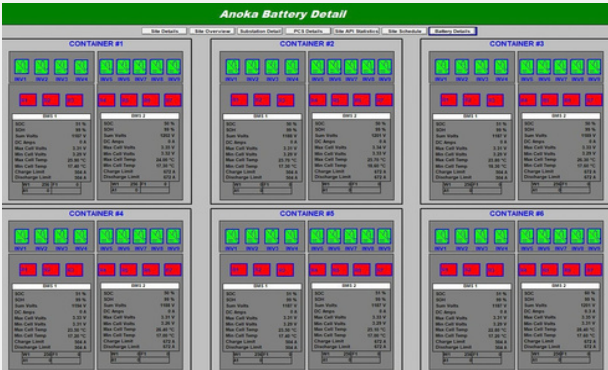


Converted AC energy is delivered into the grid, providing reliable electricity when it's most needed.

The process happens automatically and safely, ensuring the grid receives reliable power without disruption

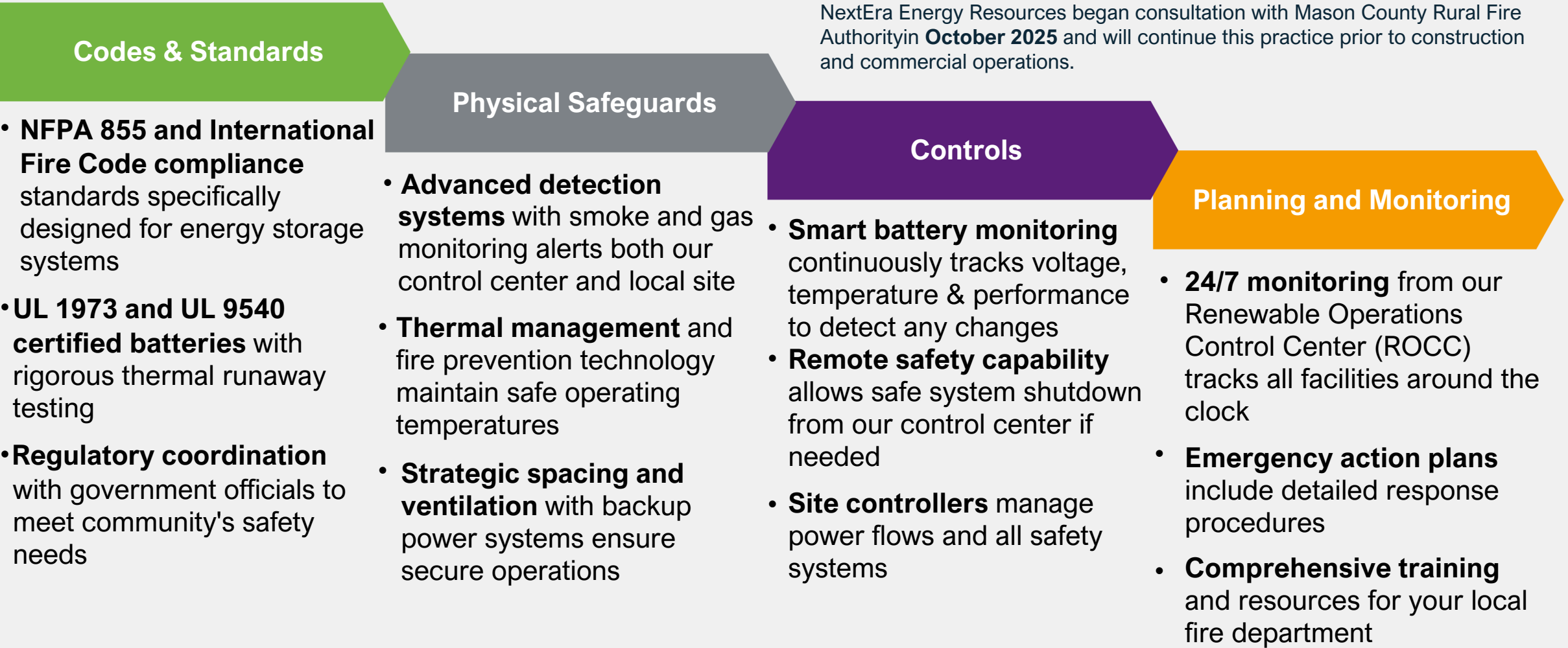
Designs will incorporate latest NFPA and UL standards

- New codes and standards address fire risks and mitigation in design.
 - NFPA-855, UL-9540A, etc.
 - Addresses setbacks, combustible gas detection, etc.
- First responder orientation and site-specific safety plans.
 - Safe approach/entry processes are critical.
- Robust remote monitoring is also important.
 - 24/7 monitoring at Renewable Operations Control Center (ROCC).



Battery energy storage systems – a layered approach to safety

Our comprehensive safety systems protect your community through multiple layers of protection



Proactive operations and maintenance

24/7 monitoring provides peace of mind for your community

Onsite Control Center

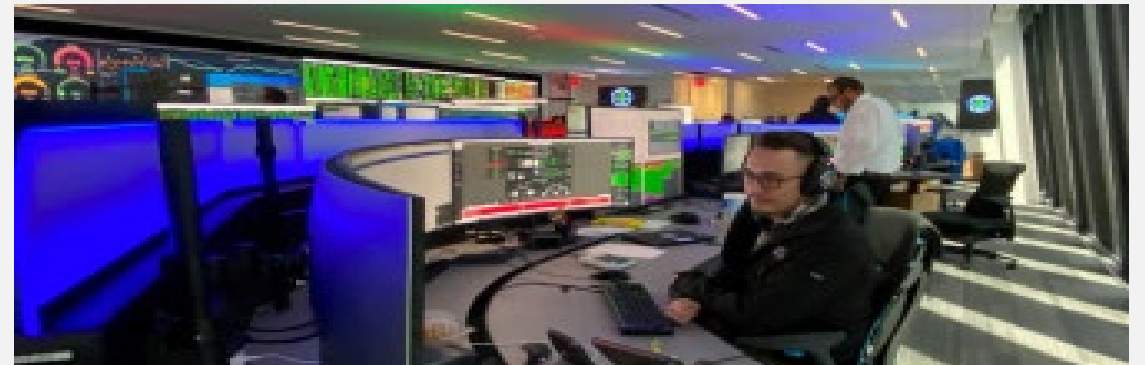


Renewable Operations Control Center (ROCC)

Key operating parameters continuously monitored on site include:

- Real-time sensors
- Battery temperature
- Battery cell voltages
- Gas alarm levels
- Status of doors and ventilation

- ROCC, operating 24/7/365 is notified of any deviation from normal conditions and can dispatch local technicians to address issues or can safely shut-down the facility if required
- Advanced cybersecurity systems provide continuous monitoring, real-time threat detection and proactive security updates that protect your community's energy infrastructure



ROCC operates a fleet of over 400 wind, solar and battery energy storage sites

Our robust safety response plan

By fostering collaboration with local officials and investing in advanced safety training, NextEra Energy Resources safeguards community interests while upholding high standards of safety and reliability



Preparedness measures: Safety is our priority. Every site has a detailed emergency action plan developed with local fire departments



Expert training: We provide comprehensive training and resources to local first responders, to ensure everyone's safety in the unlikely event of an emergency



Local coordination: In the rare event of an incident, our 24/7 Renewable Operations Control Center (ROCC) coordinates with local emergency services. Clear safety protocols ensure proper response while keeping the community protected



Protecting groundwater and surface water resources



Near-zero water usage

The facility does not require a water supply for normal operation and does not produce daily process emissions.



Facility is designed with multiple layers of BESS safety systems and containment

Intended to prevent impacts to soil, groundwater and nearby waterways



Safety is our top priority

Emergency response protocols prioritize safety and exposure protection.



Designed to keep battery energy storage materials contained and prevent them from reaching the ground.



Multiple safeguards and response planning

- 1 Contain** Sealed cells, modules and enclosed containers
- 2 Manage** Site design and runoff-management practices
- 3 Coordinate** Emergency planning with local responders

Connect with us



- NextEra Energy Resources storage project website:
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Questions?

