



## HOW A DISTRIBUTED ENERGY RESOURCE DEVELOPER AND OPERATOR PARTNERED WITH PRINCIPLE SERVICES TO SUCCESSFULLY LAUNCH A 500MW BESS BUILDOUT

Case Study:  
Hunt Energy Network

### AT A GLANCE

#### BUSINESS

- Utility Scale Battery Energy Storage

#### THEIR CHALLENGE

- Entering a technology space new to the company and the ERCOT market
- Large, complex program ambition with a lean internal staffing goal

#### OUR SOLUTION

- Deploying our experienced PMO resources and proven approach in power infrastructure construction to serve as HEN's PMO and General Contractor.

### OVERVIEW

Hunt Energy Network (HEN) is actively developing energy storage infrastructure to be integrated with the Electric Reliability Council of Texas (ERCOT). These grid interconnected Battery Energy Storage System (BESS) projects will provide grid enhancing support, balance generation and load, and empower users with cleaner, more reliable energy. Ultimately, up to fifty (50) BESS projects will be deployed and interconnected to the ERCOT grid over five (5) years.

As of October 2022, ten (10) 10MW BESS projects have been completed. An additional ten projects are at various stages within the engineering, procurement, and construction process with many others in the pre-construction pipeline.

### PROGRAM DETAILS



**A target of fifty (50) 9.9MW BESS sites**



**Complex interconnection processes with multiple Texas utilities**



**Ten (10) 9.9MW BESS sites energized as of October 2022**

**“Principle Services has been a key partner in developing Hunt Energy Network's distributed generation projects. Their project management and construction expertise have proven to be a successful combo. Hunt is confident executing on future development with the PS team as a strategic partner.”**

*Daniel Price, President, Hunt Energy Network*

# 10MW BATTERY ENERGY STORAGE SYSTEM PROGRAM

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## OUR SCOPE

### PMO

- Owner's Representative leading project participants to meet scope, schedule, and budget commitments.
- Program and Project Scheduling
- Permitting and Due Diligence Studies

### CONSTRUCTION INSPECTION AND PREVENTATIVE ASSET MAINTENANCE

- Owner Representation on-site
- Quality Assurance
- Real Time Daily Reporting

### GENERAL CONTRACTOR

- Procurement & material expediting
- Subcontracting and managing Civil, Structural, Electrical, and Testing/Commissioning contractors

## PROJECT RESULTS

### AGILE IMPLEMENTATION



#### COST SAVINGS AND SCHEDULE IMPROVEMENTS

Through experienced team members and intentional lessons learned sessions, Principle created design and construction modifications resulting in \$500k savings per site and a 2-week reduction of construction schedule at the end of the first year of the program.

### 5-YEAR DURATION



#### PROACTIVE SCHEDULING

Principle maintained key energization milestones during 2022, despite a volatile procurement market by using a program schedule that proactively ties activities across the complete 500MW program and adapts to both strategic changes and tactical project risks.

### HIGH QUALITY STANDARD



#### EXPERT EXECUTION OF SCOPE

Through successful planning, stakeholder coordination, and experienced observation of equipment installation, Principle facilitated HEN's ability to bring 100MW of resources online in 2022.

