

# STELLA LEARNING

## Course Catalog

Effective April 2026

### The Basics

#### **Basic Power System Training**

*30 minutes*

In this course, you will learn about the journey of electricity from production to consumption through the power system involves three key stages: generation, transmission, and distribution.

#### **Battery Site Qualification: Mastering the Development Workflow**

*75 minutes*

Explore BESS site selection. Learn how teams evaluate land and infrastructure as well as understand the site-qualification decision-making process.

#### **Battery Storage Basics**

*30 minutes*

Explore the components of a battery storage system, understand how these components work together, and learn about the key advantages batteries offer over traditional power delivery models.

#### **BESS Use Cases: Understanding the Value of Battery Storage**

*20 minutes*

Learn what BESS are, how they work, and five primary use cases that deliver measurable business value.

#### **Powering Up: Your Guide to Successful Battery Storage Commissioning**

*30 minutes*

Prepare for success by exploring key aspects of commissioning, including test phases, project timeline, and the transition to live operations.

#### **Stella Learning 101**

*10 minutes*

New to Stella Learning? Start here. Get oriented to the training catalog, find courses matched to your role, and learn how to navigate the platform.

### ESS Core

#### **Cabling and Wiring Check**

*1 hour*

This course teaches qualified electrical personnel how to inspect and verify BESS cabling, wiring, and grounding systems prior to energization.

## **Energy Storage Systems**

*1 hour*

This course compares three manufacturers – Sungrow, CATL/Power Electronics, and CLOU – across key dimensions like thermal management, fire suppression, and controls architecture, and includes site walkthrough videos of real installations.

## **Method of Cooling Air vs. Liquid (CLOU)**

*1 hour*

Learn about the features, including benefits and drawbacks, of both air- and liquid-cooled CLOU BESS.

## **Visually Inspecting Equipment**

*1 hour*

This training covers visual inspections of Energy Storage System (ESS) equipment, including instructions for conducting periodic maintenance checks on sub-systems and components to identify potential issues.

# **BESS**

## **Delivery of Battery & PCS (Acceptance Checklist)**

*5 minutes*

Verify battery and PCS components upon delivery with this inspection checklist.

## **Emergency Response Planning**

*30 minutes*

Develop emergency response plans with procedures and contact protocols for battery storage facilities.

## **Field Technician Grounding Safety**

*5 minutes*

Ensure proper grounding and bonding at BESS sites to protect personnel and equipment.

## **Firefighter Safety and Emergency Response**

*45 minutes*

Gain essential knowledge on BESS emergency response in our firefighter training series. Learn about site layouts, safety protocols, and effective engagement strategies for BESS incidents.

## **PPE, Tools, & Equipment – Quick Reference**

*5 minutes*

Quick-reference checklists for required tools, PPE, and safety procedures for air-cooled and liquid-cooled battery storage systems.

## **Signage and Labeling Essentials**

*30 minutes*

Learn how to audit site signage and maintain compliant safety labeling for battery storage operations.

## ERCOT

### **New Generator Commissioning Checklist**

*1 hour*

Before your site can begin commercial operation, ERCOT requires a three-part compliance checklist covering energization, synchronization, and commissioning. This course guides Texas operators through each form to ensure accurate, timely submissions.

### **Weatherization Compliance for BESS Facilities**

*2 hours*

Navigate ERCOT's BESS weatherization requirements and ensure regulatory compliance.

## Unit-Specific

### **CLOU Equipment: IGBT Troubleshooting**

*20 minutes*

This course walks you through procedures for safely diagnosing and testing failed IGBT modules, driver boards, and capacitors in battery energy storage systems.

### **Introduction to CLOU Aqua C2.5**

*20 minutes*

This course introduces the CLOU Aqua C2.5. It covers the system's technical design, safety features, installation, and operational characteristics.

### **Introduction to Sungrow PowerTitan 2.0**

*20 minutes*

This course introduces the Sungrow's PowerTitan 2.0 liquid-cooled battery energy storage system, focusing on its technical capabilities, safety features, and deployment advantages.

## **Enrollment and Support Information**

Access courses through the Stella earning platform at  
<https://stella.energystorage.training/>.

Questions? Want to be enrolled in a course? Email Support at  
[TrainingSupport@stellaess.com](mailto:TrainingSupport@stellaess.com).