

# Storey County Community Development



110 Toll Road ~ Gold Hill Divide  
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**The following checklist is to be reviewed for completion by the owner/contractor prior to submitting plans or scheduling Bess system inspection.**

**Important:** Failure to complete all applicable items on this checklist may result in re-inspections, project delays, and associated re-inspection fees. This checklist is intended as a guidance tool and may not include every requirement relevant to your project.

## **BESS: Battery Energy Storage Systems**

**Scope:** In compliance with International Code Council standards and recommendations, all plans submitted for Battery Energy Storage Systems, BESS, at minimum must provide the following for review.

### **Contacts:**

- Facilities Owner(s)
- Energy Storage Systems Owner(s)
- Energy Storage Systems Operator(s)
- Design Contacts
  - o Designer/Engineer/Technical Opinion Report
- Installation Contractor(s)

### **Battery Information:**

- Manufacturer
- System Description
  - o Model Numbers
  - o Supporting Systems List
- Description of Operations
- Location in Relation to Electric Meter
- Quantities
- Types
- Ratings
  - o Cabinet
  - o Factory-built enclosures
  - o Seismic
  - o Etc
- Capacity Information
  - o In kWh or Ah
- Battery Technology

- Manufacturer Specifications for all systems and components
- Listings
- o UL 9540, UL 1741, UL 1973, UL1974

**Reports:**

- UL 9540A-Large Scale Fire Testing
- FMEA -Failure Mode and Effects Analysis
- HMA -Hazard Mitigation Analysis

**Construction Plans:**

- Site Plan
- Floor Plan
- Location of system
- Layout of system
- Fire Ratings
- Life Safety Systems
- Signage - IFC and NEC
- MEP -Ventilation/Exhaust, HVAC, Disconnects, Interconnection, Lighting, Emergency Power, Etc.

**Commissioning & Decommissioning Plan**

**Other Reports:**

Technical assistance reports, tests, or engineer analysis per IFC 104.2.2, 104.2.3