



MASSACHUSETTS BESS

CLIENT: Confidential

LOCATION: Massachusetts

PROJECT DETAILS

RLC performed design and engineering services for a 25MW/38 MWH Massachusetts Battery Storage System project which employs Lithium Ion battery technology and an SMA Inverter System.

The Battery Storage system which is integrated within a custom-built building is capable of operating in parallel with an existing 22.8 kV electrical distribution system or as an islanded resource.

The BESS output is automatically controlled to support system events and limit loading on the distribution system.

SCOPE OF SERVICES

- Ground Grid Design
- Cable Sizing and Conduit Sizing
- Aux Power Systems
- Switchgear Specification and Alignment
- Transformer Specification
- Grounding Transformer Specification
- Interconnection Protection Relay Settings for both Grid Connected and Grid Forming Modes
- Control & Communications Wiring
- Short Circuit Analysis
- Arc Flash Analysis for the Interconnection AC Equipment