

CASE STUDY



Project: Turnkey decommissioning and recycling of two 18 MWh Battery Energy Storage Systems consisting of LiFePO₄ batteries, inverters, controls, HVAC and fire suppression systems.

Background: A large company in the PJM market elected to replace their energy storage systems in Illinois and West Virginia.

Renewance's approach: Renewance performed turnkey services including decommissioning, packaging, transport and recycling of all system components. Containers were lifted by crane and moved off-site intact, permitting the sites to be quickly restored to original condition. Renewance leveraged an extensive, qualified partner network to repurpose some lightly used components for second use, while recycling the balance.

Outcome for the Customer: Renewance's ability to aggregate these batteries with those from other sources permitted Renewance to offer an extremely competitive price ~50% lower than competing offers. Repurposing and reuse of several components fulfilled the customer's environmental stewardship objectives.

