Recent Energy Storage Projects

Hornsdale Power Reserve
South Australia
100MW / 127MWh

Commissioned in 2017, Tesla Powerpacks to store wind generated energy and discharge during high demand events to smooth grid transition to back-up sources and reduce rolling black-outs.

Mira Loma
Ontario, CA
20MW / 80MWh

Commissioned in 2016, Tesla Powerpacks to replace Aliso Canyon natural gas plant to provide immediate deployable power to network of peaker plants in LA Basin.

KIUC
Kauai, HI
13MW / 52MWh

Commissioned in 2016, Tesla Powerpacks and 13MW PV system will reduce fossil fuel usage of 1.6M gallons per year. PV and storage technologies to address "real time" needs of the grid on a 24 hour basis.
Goleta 220/66kV Transmission Circuit
In Front of the Meter (IFOM) 1MW+ Energy Storage Considerations

• Most Straightforward
  • 40’ x 20’ minimum footprint
  • PV + Storage, storage footprint minimum of 20’ x 20’
  • SCE Interconnection process 6-8 weeks to determine feasibly
  • Commercially zoned, existing hardscape

• Longer Lead Time
  • Greenfield project with environmental permitting, interconnection impact studies, zoning consideration