



# Solar & Battery Storage Services



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JMT is focused on innovative and practical solutions to meet challenges posed by the changing energy landscape and increase in energy demands.

JMT's extensive experience in electrical, mechanical, and energy engineering services have provided our clients with leading solar PV and battery storage solutions. JMT guides clients through each step of Solar PV projects—from site surveying and existing conditions assessments to array design and installation. Our battery storage solutions ensure optimal energy efficiency and conservation while decreasing greenhouse gas emissions and long-term energy costs.

## Solar Array Design

JMT supports solar PV projects from site survey to installation, optimizing wiring and maximizing energy output.

## Solar Canopy Design

JMT designs innovative solar canopies that protect vehicles, generate year-round energy, and reduce costs with integrated battery storage.

## Battery Storage Solutions

Our battery storage solutions integrate with solar PV systems to reduce energy waste, enhance energy security, and lower costs.

## FERC Compliance

JMT supports FERC permitting compliance through regulatory reporting, site surveys, and environmental assessments.

- Canopy and ground mounted systems
  - 4 kW panels
  - 50 MW arrays
- Battery storage and back-up
- Emergency generation back-up power
- Existing conditions assessment (ECA)
- FERC compliance
- Photovoltaic (PV) designs
- Solar electrical wiring design
- Site surveying



JMT provided design support services along with mechanical and electrical engineering for this new, free-standing photovoltaic canopy system with EVCS charging and a battery storage system.



JMT provided electrical and mechanical engineering design and construction management services for this new roof top solar infrastructure to power a large Pennsylvania transit facility.