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STAPLETON COLORADO | 1MWh ENERGY STORAGE PROJECT

STAPLETON RENDERING



STAPLETON OVERVIEW

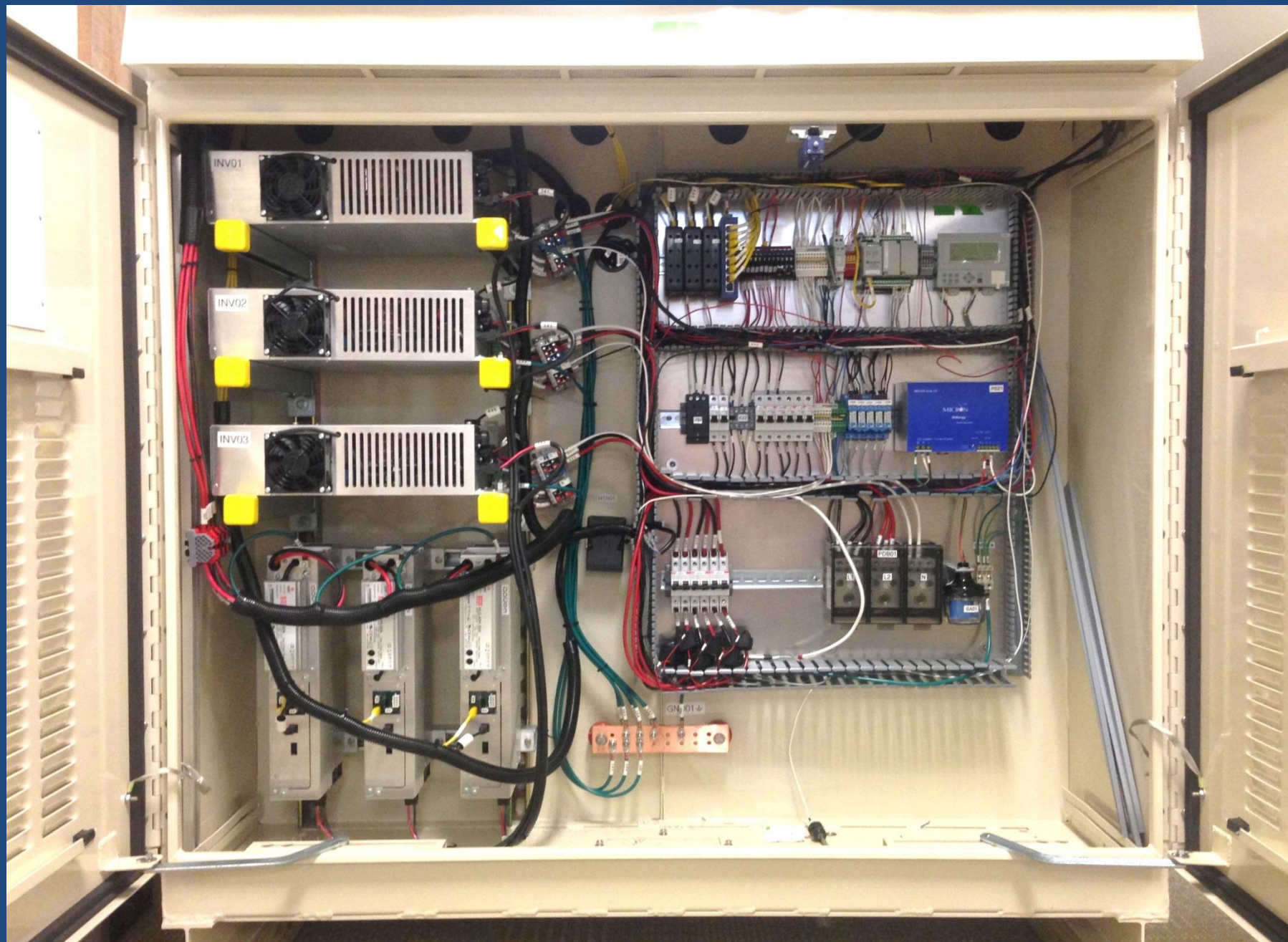


- **OVERVIEW:**

- 6 SYSTEMS | 12 Units
- 2 SYSTEMS @ 18kW(AC) 69kWh
- 2 SYSTEMS @ 36kW(AC) 138kWh (2X18 kW SYSTEMS)
- 2 SYSTEMS @ 54kW(AC) 207kWh (3X18 kW SYSTEMS)

- **GOALS:**

- Increase the ability to accommodate more solar energy on our system
- Manage grid issues such as voltage regulation and peak demand
- Reduce energy costs (Overall Benefits)
- Experience & experiment with multiple modes of operation





ESS BENEFITS + SPECS



- ***BENEFITS:***

- Backup Power
- Renewable Integration
- Variable Deployment
- Voltage Regulation
- Peak Demand Reduction
- Reduction in Energy Costs
- Excess Solar Storage

- ***SPECIFICATIONS:***

- Lithium Ion Batteries
- Pika Inverters
- NEMA 3R Certified Cabinet
- Small, Concealed Profile
- Hive Operation & Deployment for Optimum Reliability
- Advanced Controls, Monitoring, Sensors & Data Collection