# Battery and Energy Storage Supply Chain Database
Hosted by New Energy New York (NENY) and NY-BEST

## Product Categories

### Raw Materials
- Anode Materials
- Cathode Materials
- Recycled Battery Grade Materials

### Cell Components
- Additives/Binders
- Anodes
- Casings/Enclosures
- Cathodes
- Current Collectors
- Electrolytes
- Foils
- Separators

### Battery Cells
- Coin Cells
- Cylindrical Cells
- Pouch Cells
- Prismatic Cells

### Battery Packs/Modules
- EV Battery Packs
- Material Handling Equip. Battery Packs
- Micro-Mobility Battery Packs
- Stationary System Battery Packs

### Battery Pack/Module Components
- Battery Management Systems (BMS)
- Electrical Connectors (cables, wiring, busbars)
- Module Casings/Housings
- Plates (Insulation, Cooling, End)

### Stacks/Racks
- Hardware Misc.
- Housings
- Module Trays

### Commercial & Utility Scale Energy Storage Systems
- Electrochemical (Battery) ESS
- Chemical (hydrogen fuel cells, other) ESS
- Electrical (supercapacitors, magnetic) ESS
- Mechanical (pumped hydro, compressed air, flywheel, gravity) ESS
- Thermal Energy Storage System

### Commercial & Utility Scale ESS Components
- Battery Management Systems (BMS)
- Batteries
- Energy Management Systems (EMS)
- Fire Protection Subsystems
- Hardware Misc.
- HVAC Subsystems
- Inverters
- Market Intelligence Software
- Power Conversion Systems
- Power Electronics/Drive Electronics
- SCADA
- Transformers

### Residential Energy Storage Systems

### Residential ESS Components

### Equipment
- Manufacturing Equipment
- Service Equipment
- Testing Equipment

### EOL (End Of Life)/Reuse
- Black Mass
- EOL/Used Consumer Electronic Batteries
- EOL/Used EV Batteries
- EOL/Used Stationary ESS Batteries
- Reconditioned Batteries

### Electric Vehicle Supply Equipment (EVSE)
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Service Categories

Consulting
Communications, Community & Public Relations
Contract Manufacturing
Energy Trading & Forecasting
EPC Services
  Civil Engineering/Construction
  Commissioning Services
  Decommissioning Services
  Electrical Engineering (incl. interconnection and balance of plant integration)
  Field Engineering & Installation
  Project Design/Engineering
Finance
Fire Safety (Engineering/Consulting, Investigations, Root Cause Analysis)
Independent 3rd Party Audit or Evaluation Service
Legal Services
  General Legal Services
  Tax & Incentives
  Transactions (PPA, ESA)

Logistics
Maintenance
Manufacturing/Process System Design
Modeling
Operations
Political Affairs & Public Affairs
Product Design
Product Prototyping
Project Development
Project Management
Recycling
Research & Development
Security Systems
Siting & Permitting Consulting
System Integration & ESS Design
Telecommunications
Testing & Evaluation