

Backup Power & Services

Angstrom Energy Solutions provides Industrial Batteries, UPS and DC power systems, Portable and Stationary Generators, Renewable Energy Storage and generation products to our customers in the Telecommunications, Utility, Transportation, Data Center, Enterprise, and Government markets.

Scope of Capabilities

Specifies, configures, provides, installs and maintains virtually all power equipment necessary to sustain critical processes. This includes UPS (Uninterruptible Power Supplies), Solar systems (supplementary and off-grid applications), Generators and Transfer Switches, Rectifiers, Inverters, ESS (Energy Storage Systems), Batteries, and Battery Monitoring Systems.

Service & Installation

- Mission Critical: Data Colocation, Financial, Healthcare, Utility, Petrochemical, Transportation
- Telecom DC Power: Central Office, Outside Plant, Hub, Data Center
- Energy Storage Systems

Batteries

- Flooded & VRLA Stationary
- Ni-CD
- Motive
- Lithium ion
- Zinc Manganese Dioxide
- Others

Accessories

- Battery Racks
- Cabinets
- Cables

Power Electronics

- DC Power Plants
- DC to DC Converters
- Inverters
- Battery Disconnects

NAICS: 335911, 335999

Cage Code: 854E3

Call **972-954-1520**

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www.AngstromEnergy.com





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Duns: 081299140

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Partners

Angstrom Energy Solutions partners with the best in the business to provide the right products and services for your UPS, ESS, and Motive systems.

- Engineering Services - Over 25 years of experience and licensed in 38 states
- Installation & Maintenance - National Services with over 70 years of experience and 400 employees
- Manufacturers - Product experts providing batteries, chargers, systems, generators, and associated components

Products

Batteries

- Energys
- Hoppecke
- Deka
- East Penn
- Urban Electric
- Leoch
- Panasonic
- SAFT
- C&D
- Fiamm
- Triathlon
- Others

Chargers

- Hindle
- Exide
- Others

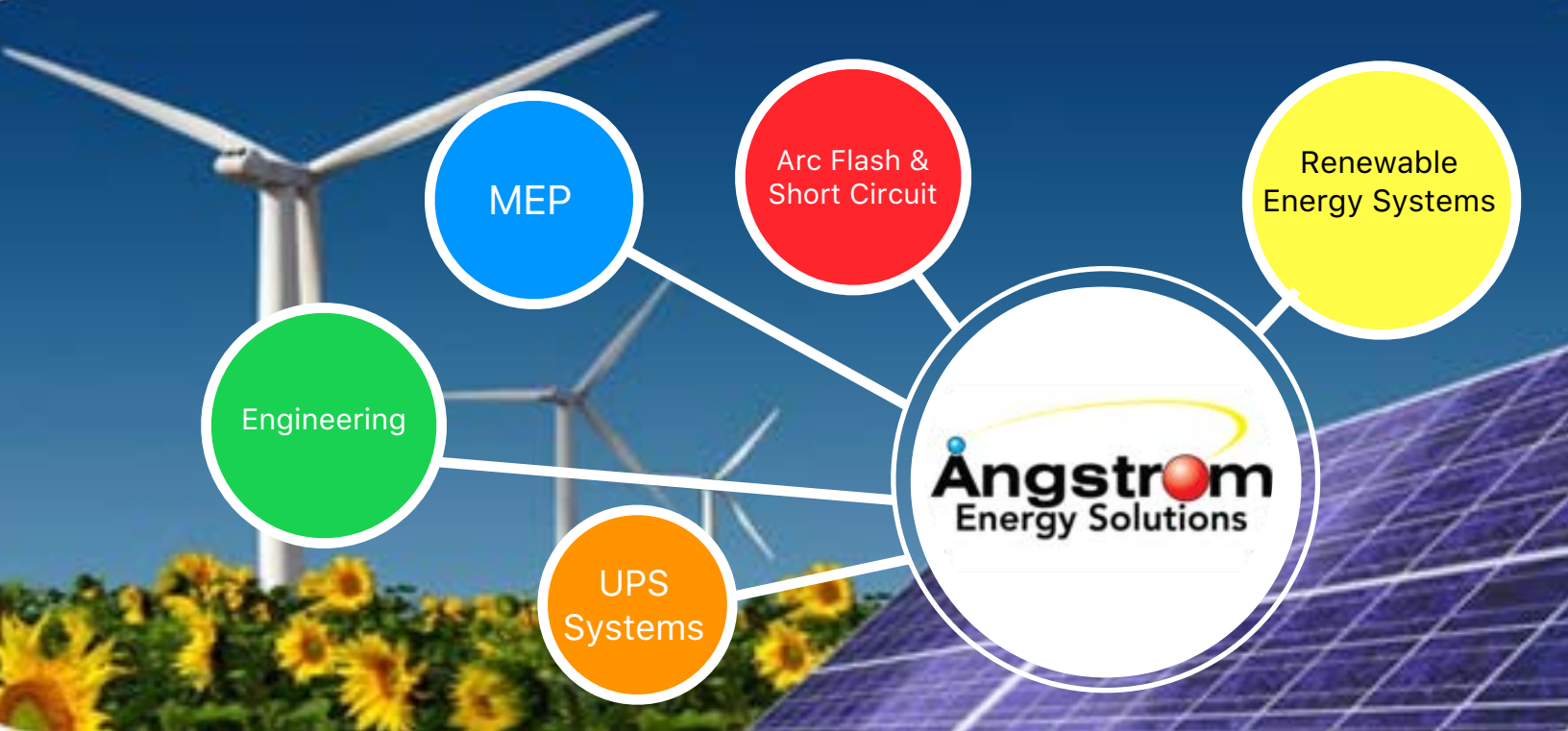
UPS Systems

- Vertiv
- NIC
- APC
- Xtreme
- Mitsubishi
- Eaton
- Others

Generators

- Cummins
- Generac
- Kohler
- Caterpillar
- MQ Multiquip
- Others





Energy Services

Angstrom Energy Solutions provides the optimized solution for your energy needs.

Angstrom Energy Solutions capitalizes on our expertise to provide energy analysis, feasibility, renewable energy design and implementation. Angstrom Energy is technology agnostic providing the best solution for your application needs. Our engineering services can provide MEP (Mechanical, Electrical, Pumping) design, and arc flash / short circuit studies.

Engineering

- Renewable Energy Design & Optimization
- Mechanical
- Electrical
- Environmental
- Waste Water Treatment
- Feasibility Studies

Arc Flash / Short Circuit

- Short Circuit calculations
- Equipment withstand evaluation
- Protective device coordination
- Arc flash hazard analysis with labeling

Renewable Energy (Design to Implementation)

- Solar
- Wind
- Fuel Cell
- CHP
- Geothermal
- Energy Storage
- And Other Technologies

MEP

- Mechanical designs
- Electrical designs
- HVAC designs
- Plumbing designs

NAICS: 541330, 237130

Cage Code: 854E3

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SBA WOSB
Woman Owned Small Business

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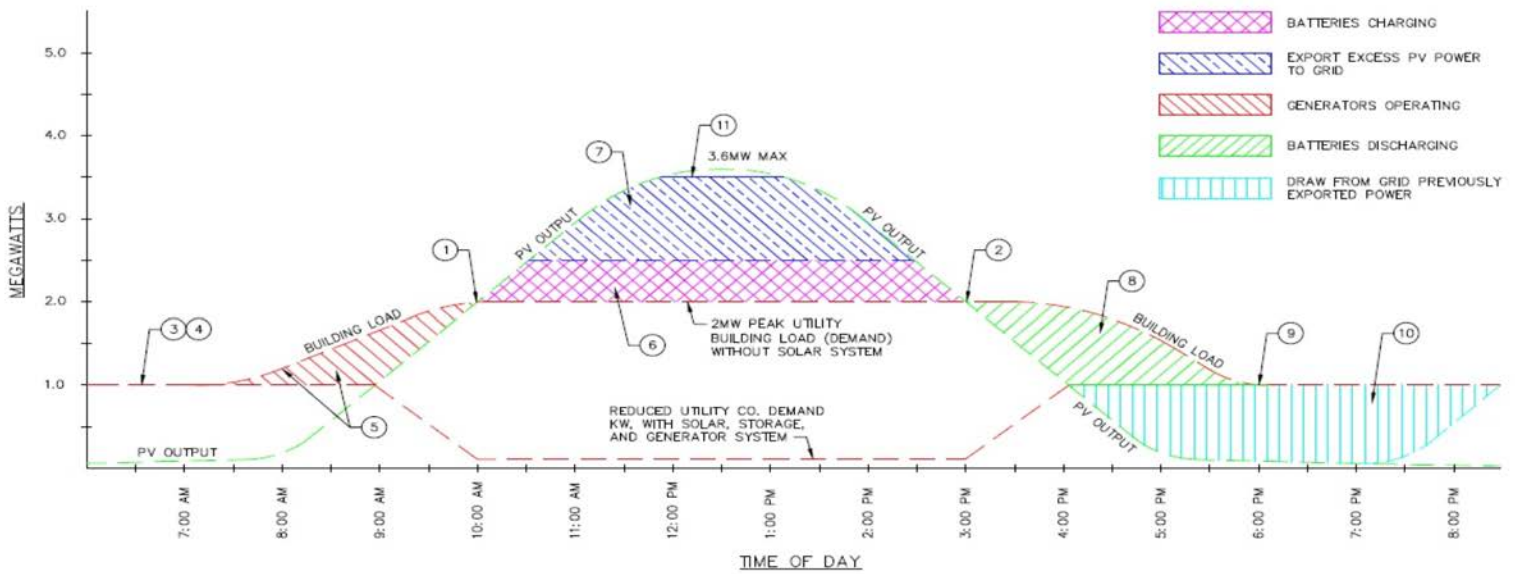
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RENEWABLE ENERGY PRODUCTION PROFILE MIDWEST POULTRY, NORTH MANCHESTER, IN



- ① POINT AT WHICH PV OUTPUT MEETS BUILDING LOAD
- ② POINT AT WHICH PV OUTPUT IS LESS THAN BUILDING LOAD
- ③ MINIMUM BUILDING LOAD (1MW)
- ④ ON UTILITY POWER
- ⑤ AS BUILDING DEMAND INCREASES START GENERATORS TO SHAVE PEAK LOAD; SAVES DEMAND CHARGES
- ⑥ CHARGE BATTERIES WITH EXCESS PV CAPACITY
- ⑦ EXPORT EXCESS PV POWER TO GRID
- ⑧ BATTERIES DISCHARGING TO SUPPLEMENT PV AND/OR GENERATORS, TO SHAVE PEAK LOAD; SAVES KWH
- ⑨ OFF-PEAK MINIMUM BUILDING LOAD
- ⑩ IMPORT BACK FROM UTILITY CO. PREVIOUSLY EXPORTED POWER
- ⑪ EXPORT LIMIT

