



BioStar Renewables is a clean energy company playing a leading roll in ensuring a lower carbon future. Our company is redefining “energy-services” by delivering solutions that both reduce and produce kilowatts for the new energy economy.

BioStar sells power and operates energy assets for public and private customers including schools, municipalities, senior living communities as well as commercial and industrial organizations.

We help our customers achieve key environmental and sustainability goals by delivering low cost renewable energy and services which help to outperform the competition.

SOLAR PV + STORAGE

BioStar has over a gigawatt of combined knowledge through owning, estimating, financing, installing and maintaining solar projects.

Our design approach is always evolving as new products and technologies are released into the marketplace. This allows a flexible and customizable solution best suited for any customer, whether it be a standalone solar PV installation or solar PV + battery storage for reducing off-peak demand.



Solar Array, Mullica Hill, NJ

Our mission is to lead a global transition to cost effective renewables creating a sustainable earth.



Federal Reserve Center Solar Carport, Denver, CO.

SOLAR BENEFITS

- On-site electrical generation
- Fixed electrical costs for up to 25 years
- Low-maintenance with up to 25-year warranty
- Zero greenhouse gas emissions

BATTERY STORAGE BENEFITS

- Power availability for off-peak hours
- Energy resiliency
- Mitigation of utility TOU (Time of Use) rates
- Elimination of net metering

ENERGY REDUCTION - ESCO

As an Energy Services Company (ESCO), BioStar has developed a comprehensive energy reduction strategy to improve efficiency, decrease costs, increase system reliability and automate facility management. Our ESCO services help meet our client's sustainability goals by significantly reducing their carbon footprint while, at the same time, offer flexible financing options resulting in a higher ROI.

LED LIGHTING

BioStar's LED lighting upgrades dramatically reduce overall energy consumption, thereby increasing energy efficiency, compared to traditional lighting fixtures. Our retrofits also significantly improve the quality of light, color, and coverage.

85%

Typical reduction in lighting utilities is between 55 - 85%

90%

Annual lighting maintenance cost savings between 70 - 90%

HVAC SERVICES

Whether you are retrofitting or replacing, BioStar can implement cutting-edge technology and HVAC systems that drastically reduce consumption and peak demand.

MECHANICAL OPTIMIZATION

Use controls and automation to optimize your equipment and achieve maximum efficiency.

UTILITY REBATES

BioStar will analyze your current utility bills, providing you a detailed rate analysis as well as identifying incentives that help pay for your project.

ESCO SERVICES INCLUDE:

- Investment Grade Audits
- Procurement / Installation
- Monitoring / Verification
- Operations / Maintenance
- Performance Guarantee
- Financing



Cargo Largo is now using **55% less energy**, an annual savings of 256,000 kWh, and a payback of less than four years.



AVAILABLE FINANCING

We specialize in energy financing that is focused on low-friction solutions that are tailored to your specific needs.

- Predevelopment Funding
- Sponsor Tax Equity
- Construction Financing
- Operating Lease
- Capital Lease
- C-PACE, S-RECs & LCFS Credits
- Energy Service Agreements, or "As-a-Service"

WASTE-TO-ENERGY

Waste-to-Energy is the process of creating energy in the form of electricity or heat from a waste source. Viable feedstock material typically include animal manure, food waste, and other organic wastes. Methane and ammonia are two primary by-products of the process. Methane, also referred to as biogas, can be used as transportation fuel, natural gas heating, or run through Combined Heat and Power (CHP) to generate electricity which can be injected in the interstate pipeline and sold to local utilities.



TURNING FOOD WASTE INTO RENEWABLE ENERGY

Through innovative technologies and anaerobic digestion, our Waste-to-Energy process converts pre-consumer food waste into renewable resources, including SuperSix Organic Liquid Fertilizer, that not only diminishes solid landfill waste but reduces our client's carbon footprint to help achieve sustainability goals.

BioStar manages and facilitates all aspects of this process — from collection and pre-processing to digestion and generation — spearheading long-term agreements that make achieving sustainability goals a seamless reality.



Stainless steel manifold at the San Bernardino, CA, Waste-to-Energy plant.



Waste-to-Energy plant, San Bernardino, CA.



Waste-to-Energy plant, San Bernardino, CA.