

Overview

A cross-functional operations executive with 25 years of leadership at the nexus of hardware manufacturing, green buildings and infrastructure, policy and public affairs, and clean energy deployment. Proven track record of de-risking international market entries, hardware product management, scaling sales engineering pipelines, and translating technical concepts for policymakers and the public. A high-EQ team builder adept at anchoring internal operations and aligning multi-stakeholder partnerships to drive measurable environmental impacts.

See also: [Curriculum Vitae](#) + [Communications Portfolio](#)

Recent Projects

- Leading operations, production, sales engineering, and market development for [PowerStack](#), a Central-Texas-based manufacturer of a sleek, sturdy solar + storage pole for smart cities ([see case studies](#)).
- Project managed the design team and design development process for a zero-energy home with the United Way of Long Island. Groundbreaking in 2022 ([see release](#)). Project earned a Housing Innovation Award from DOE in 2023 ([see DOE](#)).
- Supported the Bloomberg Foundation's [American Cities Climate Challenge](#) in the development of a framework for building performance standards (BPS) policy ([published in 2021](#)).
- Supported the City of San Francisco in its work to interpret and advance the work of the Zero Emission Buildings Taskforce ([see 2020 report](#)) which facilitated the now published [2021 Climate Action Plan](#).

Clean Energy Portfolio with PowerStack USA



Off-grid Solar Solutions – Hundreds of poles sold, installed, serviced, or supported across North America alongside the USA team, our partners, and our Australia-based colleagues. Projects include security, lighting, and smart-cities applications for a wide range of clients and end-users.

<https://powerstack.energy/usa/case-studies/>

- *JS led or supported all business functions, from sales, design, production, engineering, operations, procurement, marketing, logistics, finance, management, and compliance. Wherever possible, new systems and processes were established to lighten the load and expand the team's capabilities.*

Clean Energy Portfolio with altPOWER, Inc.



Sun One Organic Farm: Bethlehem, CT (2021) – 5.4 kWp pole-mounted array with 3 strings of 5 SunPower X22-360 modules and a 6kW SunnyBoy DC/AC inverter.

<https://www.sunoneorganic.com/>

- *JS supported the installation and commissioned the PV system for altPOWER.*

U.S. Department of Energy: Washington, DC (2008) – 205 kWp rooftop array on DOE headquarters using SunPower modules and flat-mount system.

<http://www.altpower.com/projects/commercial/u.s.department/>

- *JS served as local liaison in DC for the NY-based team and assisted in the rooftop installation.*

WY Industries: North Bergen, NJ (2006) – 680.16 kWp system – more than half a megawatt – installed on one manufacturer's rooftop, using PowerLight's PowerGuard system.

<http://www.altpower.com/projects/commercial/wyindustries/>

- *JS managed all on-site logistics and system design implementation, including a team of laborers to swiftly install the system in three weeks.*

Monmouth University: West Long Branch, NJ (2006) – 454 kWp photovoltaic system across three different buildings, nearly half a megawatt installed using PowerLight's PowerGuard system.

<http://www.altpower.com/projects/schools/monmouthuniversity/>

- *JS managed all on-site logistics and system design implementation, including a team of laborers and electricians to swiftly install the system in four weeks.*

Brooklyn Army Terminal: Brooklyn, NY (2006) – 1 kW horizontal axis wind turbine installed on 40-foot tower with guy wires adjacent to New York Harbor.

<http://www.altpower.com/projects/wind/windand/>

- *JS supported installation of tower and Bergey wind turbine.*

New York Hall of Science: Queens, NY (2005 – 2006) – 16 kWp solar-electric system using Sharp Solar modules and a horizontal PowerGuard mounting system.

<http://www.altpower.com/projects/schools/newyork/>

- *JS supported project logistics, permitting, and on-site installation of solar-electric system.*

Bronx High School of Science: Bronx, NY (2005 – 2006) – 33.6 kWp solar-electric system using Sharp Solar modules, a horizontal PowerGuard mounting system, and a Xantrex DC/AC inverter.

<http://www.altpower.com/projects/schools/bronxhigh/>

- *JS supported project logistics, permitting, and on-site installation of solar-electric system.*

PNC Banks: Locations in NJ, PA, OH (2005) – 11.4 kWp Standard solar-electric systems with GE modules, SMA inverters, and a UniRac mounting system designed for these stand-alone banks, replicated at seven locations.

<http://www.altpower.com/projects/commercial/pncbanks/>

- *JS coordinated system permitting and led on-site installation and commissioning for three of the seven banks.*

Island Beach State Park: Island Beach, NJ (2005) – 12.3 kWp off-grid hybrid system with a 10 kW roof-mounted photovoltaic array and a 2 kW horizontal axis wind turbine.

<http://www.altpower.com/projects/offgrid/ibsp/>

- *JS supported project logistics and on-site installation, including full oversight of project completion and installation of battery bank system.*

Greenpoint Manufacturing and Design Center Phase 2: Brooklyn, NY (2005) – 50 kW solar-electric system using PowerGuard tiles and mounting system installed atop a second of GMDC's buildings in Brooklyn, NY.

<http://www.altpower.com/projects/nonprofit/gmdcphase/>

- *JS supported project logistics and on-site installation of solar-electric system and DC/AC inverter.*

The Helena: New York, NY (2004 – 2005) – 17.1 kWp – Two independent BIPV systems at the entrance canopy and the mechanical bulkhead at the top of the building.

<http://www.altpower.com/projects/bipv/thehelena/>

- *JS supported record-keeping on the project as well as commissioning of the DC/AC inverter.*

Katrina Mygatt Recycling Center: Stamford, CT (2004) – 7.92 kWp system installed with a significant, visible tilt using a UniRac mount on the roof of a shelter for the city's public recycling station.

<http://www.altpower.com/projects/commercial/katrinamygatt/>

- *JS supported project logistics and on-site installation on photovoltaic system and data acquisition system.*

The Solaire: New York, NY (2000 – 2003) – 33 kWp – The world's first green residential highrise (LEED Gold certified in 2004), including building integrated photovoltaics (BIPV) designed and supplied by altPOWER for the building's rooftop bulkhead, the west-facing building façade, and the entrance canopy.

<http://www.altpower.com/projects/bipv/thesolaire/>

- *JS supported communications between contractors, including scheduling and deliveries. JS also supported research for LEED documentation of solar-electric system.*

Single-Family Residential: 10+ systems in NY, NJ, CT (2000 – 2006) – Many projects for single-family homes usually from 5-10 kW of installed capacity on pitched roofs using SMA DC/AC inverters.

<http://www.altpower.com/projects/singlefamily/>

- *JS supported permitting, system design, project schedules, project communications, and on-site installation.*
- *JS also served dozens of projects that did not come to fruition through site-visits, proposals, and customer service calls. In a few cases, JS also serviced solar-electric systems that needed maintenance.*