

Overview

Accomplished in green buildings, resilient cities, and the circular economy, especially in sustainable energy and water systems. Jeremy delivers ideas, leadership and hard-won results that facilitate the environmental transition of buildings, businesses, and cities. Entrusted as brand ambassador and chief liaison with top executives and the public.

See also:
[Communications Portfolio](#) & [C.V.](#)

Most recent projects:

- ❖ Project managing the design team and design development process for a zero-energy home with charity and corporate partners, with Etopia USA Inc., forthcoming in 2022.
- ❖ Supporting the Bloomberg Foundation's [American Cities Climate Challenge](#) in the development of a framework for building performance standards (BPS) policy ([published in 2021](#)).
- ❖ Supporting 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 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.