



**SOLAR,
EV CHARGING &
BATTERY STORAGE**

Tectonic

PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.



www.tectonicengineering.com



ABOUT US

Founded in 1986, Tectonic is a multi-disciplined engineering firm employing a staff of approximately 500 professionals comprised of civil, structural, geotechnical and environmental engineers, surveyors, planners, and construction inspectors. The substantial experience of our staff presents a company that is highly qualified to accomplish projects varying in size, scope or complexity.

To ensure the standard of quality expected by our clients, we concentrate our services on core market sectors that reflect the strength and talent of our staff. Tectonic provides a full range of professional services in the following market sectors: Energy, Institutions, Education and Healthcare, Land Planning, Telecommunications, Transportation, Water Resources and Disaster Recovery.



With over 39 years of experience, Tectonic forged a reputation within the engineering and construction community for its technical knowledge, rigorous standards and fresh approach as design engineers and construction consultants. We take pride in the integrity and technical application of our services and strive to accomplish the goals of each Client.

As a result, our successes on contracts and overall activity in the industry are both recognized by our Clients through positive evaluations, and by reputable organizations through award and ranking programs.

The Zweig Letter ranked Tectonic #92 on its 2024 Hot Firm list of Architectural and Engineering Firms in the U.S. and Canada.

Tectonic continues to be listed on the annual Top AEC Firms list by Public Works magazine.

TECTONIC'S GOALS, MISSION STATEMENT AND PHILOSOPHY

Tectonic has been guided by a focused philosophy since the firm's beginning - vision, integrity and technical expertise. Simply put, Tectonic's goals are to:

- Maintain the standard of quality expected by our clients on each and every project.
- Complete projects within budget and on-time.
- Exceed our Client's expectations.

"Practical Solutions, Exceptional Service"

Our most recent recognitions also include:

- ENR National Top 500 Design Firms: #224 in 2025
- ENR National Top 100 Construction Management-for-Fee/PM Firm: #68 in 2023
- ENR National Top 50 Design Firms by Sector: Telecommunications #35 in 2022
- ENR National Top 10 Design Firms by Sector: Towers and Antennae #8 in 2022
- ENR NY Top Design Firms: #23 in 2022
- Trenchless Technology Top 50 Design Firms: #44 in 2022
- Crains Largest Engineering Firms in NY Area: #19 in 2020

When you choose Tectonic you work with some of the finest professionals in the business - professionals who understand your goals and will put their skills and resources to work for you - professionals who will earn your trust and confidence, every day and on every project.





Morgan Stanley Phoenix Solar Array Installation, Westchester County, NY



Mapleview Towers Ballasted Solar System Installation, Stamford, CT

SERVICES

LICENSING & PERMITTING

NEPA and SHPO
State Environmental Quality Review Acts
Environmental Impact Statements
US Army Corps of Engineers 404 Permitting
Planning and Zoning Approvals
Public Outreach
Site Acquisition & Real Estate Services

ENVIRONMENTAL

Visual Assessments and Renderings
Monitoring/Mitigation Programs
Aquatic/Wetland Delineation
Archaeological Studies
Avian and Bat Impact Assessments
Phase I and Phase II Site Assessments

SURVEYING SERVICES

Acquisition/ROW
Aerial Control
ALTA/ACSM Land Title
Certified Boundary
Geodetic Control
GIS Mapping
Mobile Mapping
Property Subdivision
Route Surveys
Topographic
Underground Utility Mark-Outs
Wetland Delineation

ENGINEERING

Civil Site Design
Geotechnical Investigations
Structural Analysis
Foundation Design
Stormwater Management Plans
Erosion Control
Access Roads for Construction
Support Building Design
Security Planning/Design

CONSTRUCTION SUPPORT SERVICES

Bid Documents
Bid Evaluations
Contractor Selection
Construction Management
Resident Engineering
Construction Inspection
Materials Testing



Solar Rooftop Site - Johnston, Rhode Island



Solar Rooftop Site - Johnston, Rhode Island





NASA Central Campus Solar Plant Addition, Merritt Island, FL

SOLAR

With the price of oil increasing, renewable energy sources have become a viable option. Solar power, the never ending energy source, has not only taken off for commercial and industrial use but also for utility scale systems. Tectonic is dedicated to designing efficient and high quality solar systems. We have the experience and capacity to efficiently evaluate potential sites, effectively negotiate the regulatory climate and ensure engineering and construction is completed within the anticipated schedule. Tectonic has vast experience with various types of solar installations.



Sunkeeper Solar, Rooftop Canopy, NYC

TYPES OF INSTALLATIONS

- Ground Mounted
- Carport Canopy Systems
- Rooftop (Canopy/Ballasted)
- Steel Framed / Anchored
- Utility Scale Solar Farms
- Landfill
- Building Facade Structures





Battery Storage, NYC

BATTERY ENERGY STORAGE SYSTEM (BESS)

The electrical grid is rapidly aging and will continue to be challenged by the constant evolving renewable energy landscape. This drive for renewable energy solutions has created logistical and financial challenges for utilities. Tectonic has the experience to assist with the infrastructure support for the installation of batteries and obtain all proper permitting approvals to successfully deploy them across the country.



Rooftop Battery Installation, Queens, NY

TYPES OF INSTALLATIONS

- Ground Mounted
- Rooftop (steel support infrastructure for battery installation)
- Steel Framed / Anchored
- In-Building - Building analysis for battery installations





Volta-Shell Public Charging Stations, Hoboken, NJ

EV CHARGING STATIONS

Tectonic provides engineering design for electric vehicle (EV) charging stations in which we focus on creating a safe, accessible, and efficient infrastructure that supports the growing demand for electric vehicles. This involves thorough site assessments to determine optimal locations with proximity to power sources, and adequate space for vehicle maneuvering. Our designs consider the layout of the charging bays, traffic flow patterns, stormwater drainage systems, and landscaping to ensure safety and enhance aesthetics. Additional due diligence is performed to confirm compliance with zoning regulations as well as environmental impact assessments to meet all local jurisdiction requirements.



SERVICES

- Site Identification
- Leasing
- Zoning Analysis
- Municipal Permitting
- Due Diligence
- Program Management
- A&E Coordination
- Building and Electrical Permits
- Regulatory Compliance
- Third Party Vendor Management
- Civil Engineering
- Geotechnical Engineering
- Structural Engineering/Analysis
- Environmental Studies
- Electrical Engineering
- Surveying
- Program and Construction Management
- Foundation Investigations
- Photo Simulations



REPRESENTATIVE CLIENTS

Tectonic has worked for a number of public and private clients providing planning, environmental, engineering, surveying and construction management services. Presented below is a brief representation of those clients.

Altus Power

Amped

ATMS (Turnkey GC) on behalf of Volta

Brightcore Energy

Clean Slate Solar

CVE Solar

Ecogy Energy

KB Racking

NineDot

PowerFlex

PurePower

Quest Renewables

Radiance Solar

Sea Bright Solar

Siemens USA

Smartflower

Solar Energy Solutions

Solar Mounting Solutions, LLC

Sunkeeper Solar

Standard Solar

Tesla

Teracom

UGE

Unirac, Inc.

World Energy

Zuvan Renewables

OFFICES


 NEW YORK - (Mountainville, Corporate Office)

 NEW YORK - (New York City - Lab)

 CALIFORNIA - (Newport Beach)

 NEW YORK - (Newburgh)

 CONNECTICUT - (Hartford)

 NEW YORK - (Newburgh - Lab)

 FLORIDA - (Tampa)

 NEW YORK - (Rochester)

 NEW JERSEY - (East Brunswick)

 NEW YORK - (White Plains)

 NEW JERSEY - (Millburn)

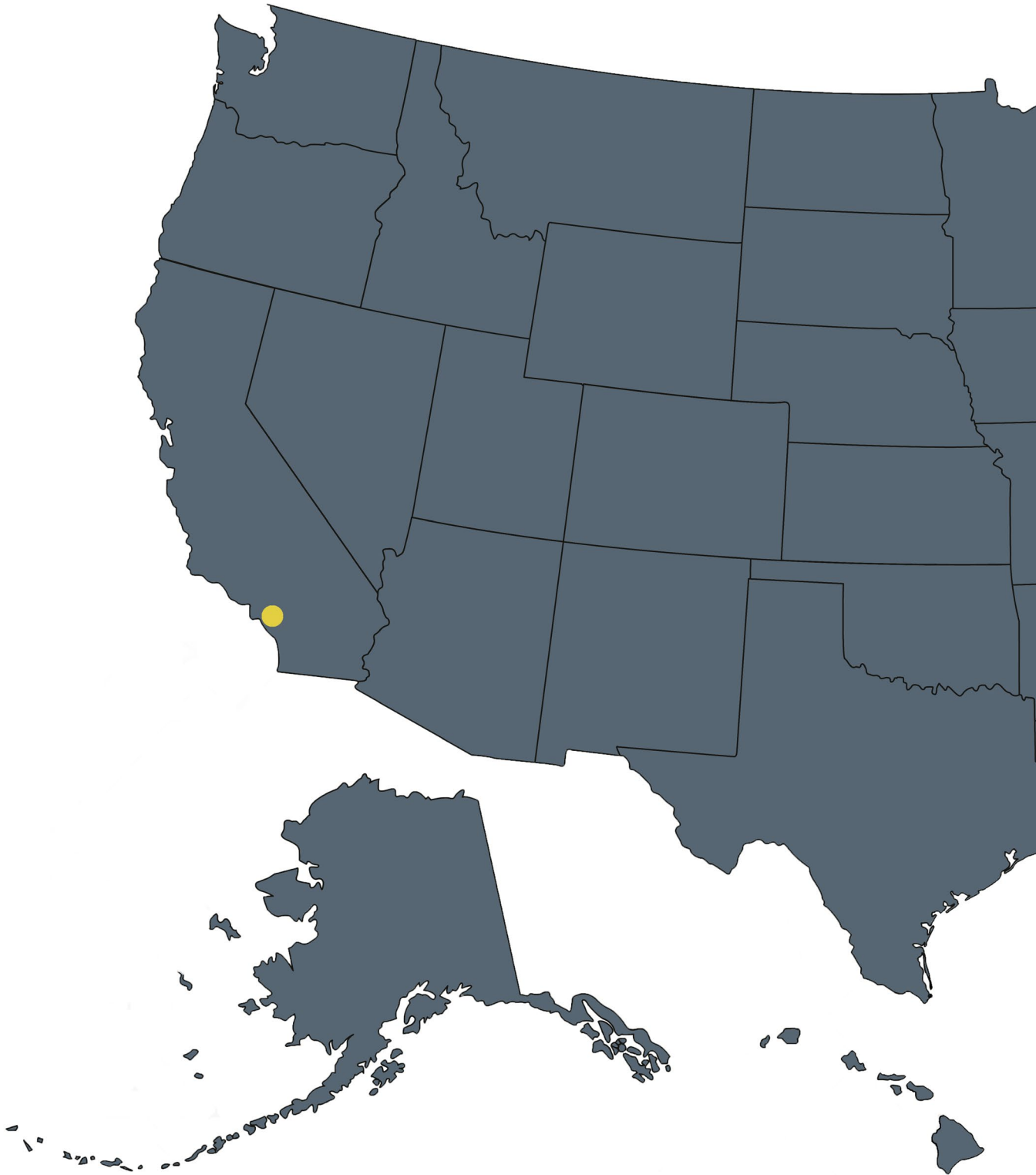
 PENNSYLVANIA - (Philadelphia)

 NEW YORK - (Albany)

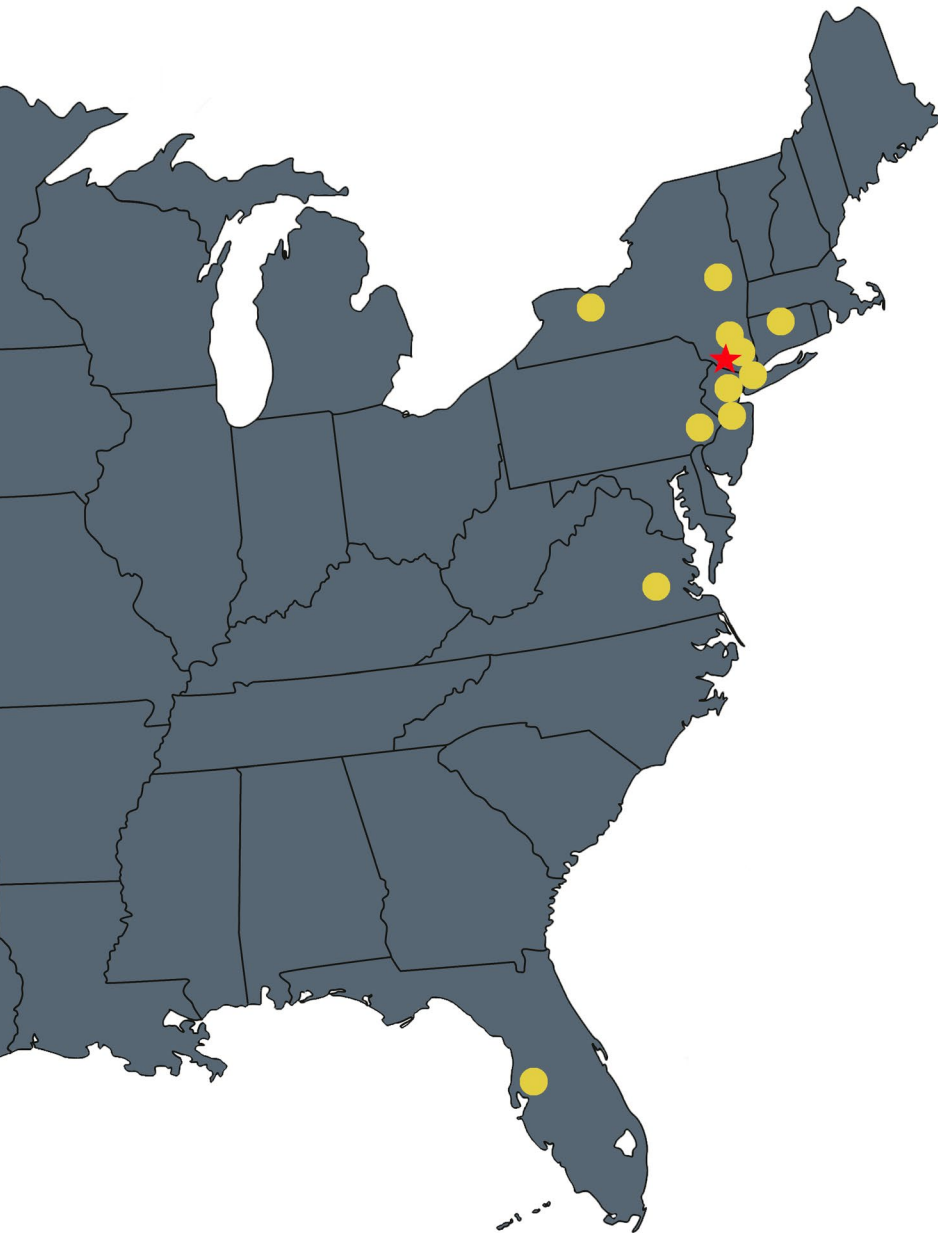
 VIRGINIA - (Richmond)

 NEW YORK - (New York City)

OFFICE



LOCATIONS



- ★ Corporate Office
- Office

Corporate Office is headquartered in Mountainville, NY with 14 branch offices nationwide.



Our Story

For the past 39 years, Tectonic has delivered quality professional services in a timely and cost effective manner by pooling its talented staff into project teams that think, act, and perform as one integral unit. By carefully listening and collaborating with its clients, the firm is able to identify the key issues and assure stakeholder objectives are met in the final deliverables. Through innovating and adopting technological advances, the firm is able to generate unique solutions to improve our nation's infrastructure and build energy efficient communities.

As the world evolves, and its challenges grow more complex, Tectonic continues to innovate and provide the practical solutions and exceptional customer service its clients have trusted since its founding.

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