



**SOLAR,
EV CHARGING &
BATTERY STORAGE**

Tectonic

PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.



www.tectonicengineering.com



ABOUT US

Founded in 1986, Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C. 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: Disaster Recovery, Energy, Institutions, Education and Healthcare, Land Planning, Telecommunications, Transportation, and Water Resources.



With 37 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 #91 on its 2022 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.

Our most recent recognitions also include:

- ENR National Top 500 Design Firms: #186 in 2022
- ENR National Top 100 Construction Management-for-Fee/PM Firm: #52 in 2021
- 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: #22 in 2021
- Trenchless Technology Top 50 Design Firms: #40 in 2021
- 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.

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”





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



Ecogy Rooftop Solar Site



Ecogy Solar Rooftop Site





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 residential 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.



Cornell Tech Roosevelt Island Solar Installation, NYC
ACEC NY 2019 Engineering Excellence Platinum Award Winner

TYPES OF INSTALLATIONS

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





Solar and Battery Storage, Queens, NY

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.

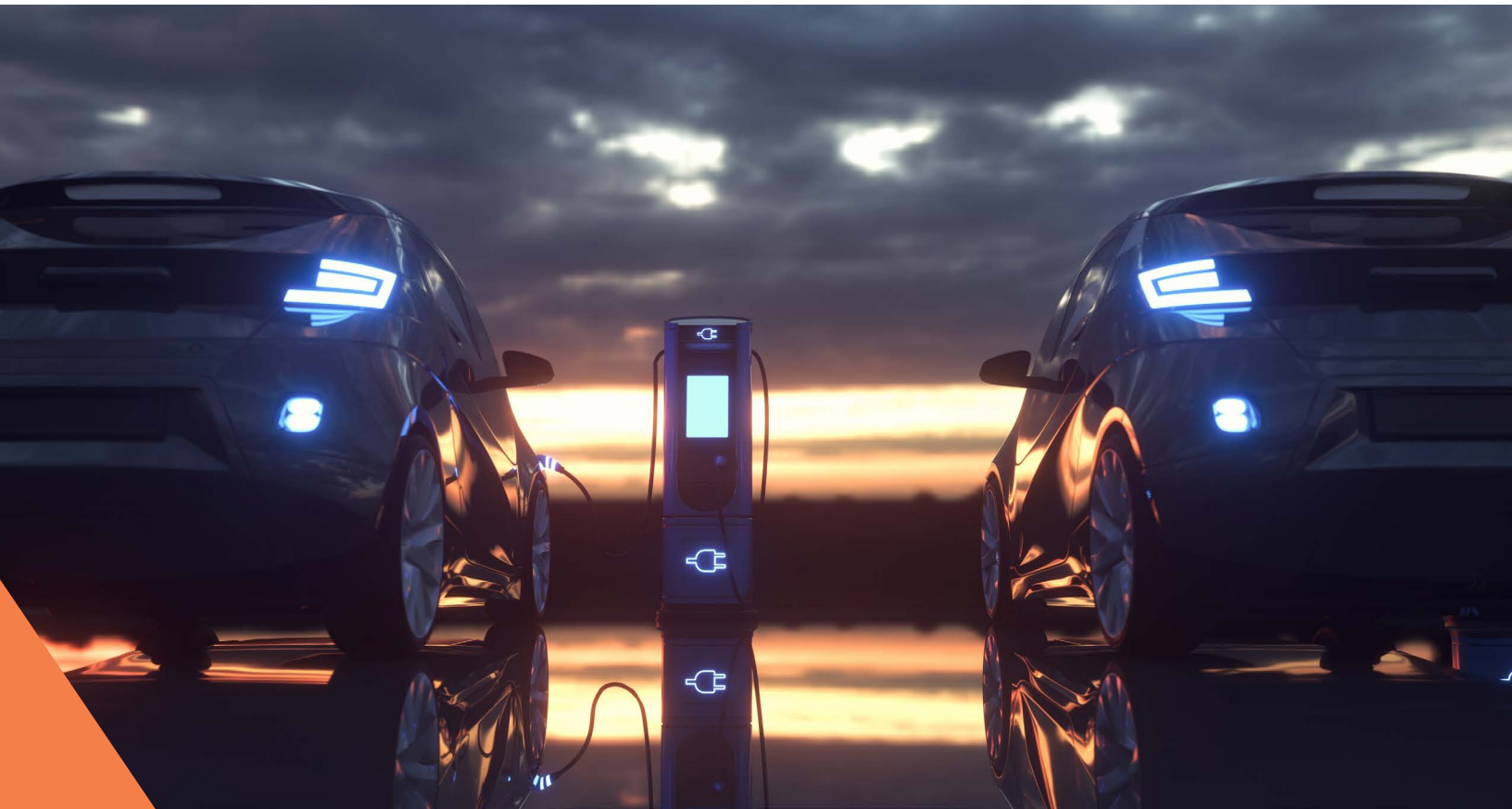


Ocean State Job Lot Rooftop Solar Installation, Rhode Island

TYPES OF INSTALLATIONS

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





EV CHARGING STATIONS

Tectonic provides professional site development services to meet the needs of our clients with planning and installation of EV charging stations anywhere throughout the United States.



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.

Amped

ATMS (Turnkey GC) on behalf of Volta

Bright Power

Charged

Ecogy Energy

KB Racking

NextGrid

PowerFlex

PurePower

Quest Renewables

Siemens USA

Solar Mounting Solutions, LLC

Sunkeeper Solar

Sustainable Energy Developments, Inc.

Standard Solar

Tesla

Teracom

UGE

Unirac, Inc.

Urban Energy

Verizon Wireless

OFFICES

■ NEW YORK - (Mountainville, Corporate Office)
70 Pleasant Hill Road
Mountainville, NY 10953

■ ARIZONA - (Tempe)
3923 S. McClintock Drive, Suite 409
Tempe, AZ 85282

■ CALIFORNIA - (Newport Beach)
2415 Campus Drive, Suite 265
Irvine, CA 92612

■ COLORADO - (Denver)
1600 Broadway, Suite 1600
Denver, CO 80202

■ CONNECTICUT - (Hartford)
1344 Silas Deane Highway, Suite 500
Rocky Hill, CT 06067

■ FLORIDA - (Tampa)
407 Lithia Pinecrest Road
Brandon, FL 33511

■ NEW JERSEY - (East Brunswick)
197 Route 18 South, Suite 260 South
East Brunswick, NJ 08816

■ NEW JERSEY - (Mountainside)
1122 Route 22, Suite 106
Mountainside, NJ 07092

■ NEW YORK - (Albany)
36 British American Boulevard, Suite 101
Latham, NY 12110

■ NEW YORK - (New York City)
118-35 Queens Boulevard, 10th Floor, Suite 1000
Forest Hills, NY 11375

■ NEW YORK - (New York City - Lab)
24-37 46th Street
Astoria, NY 11103

■ NEW YORK - (Newburgh)
1279 Route 300
Newburgh, NY 12550

■ NEW YORK - (Newburgh - Lab)
280 Little Britain Road, Building 2
Newburgh, NY 12550

■ NEW YORK - (Rochester)
3495 Winton Place, Building E, Suite 260
Rochester, NY 14623

■ NEW YORK - (White Plains)
1 North Lexington Avenue, Suite 530
White Plains, NY 10601

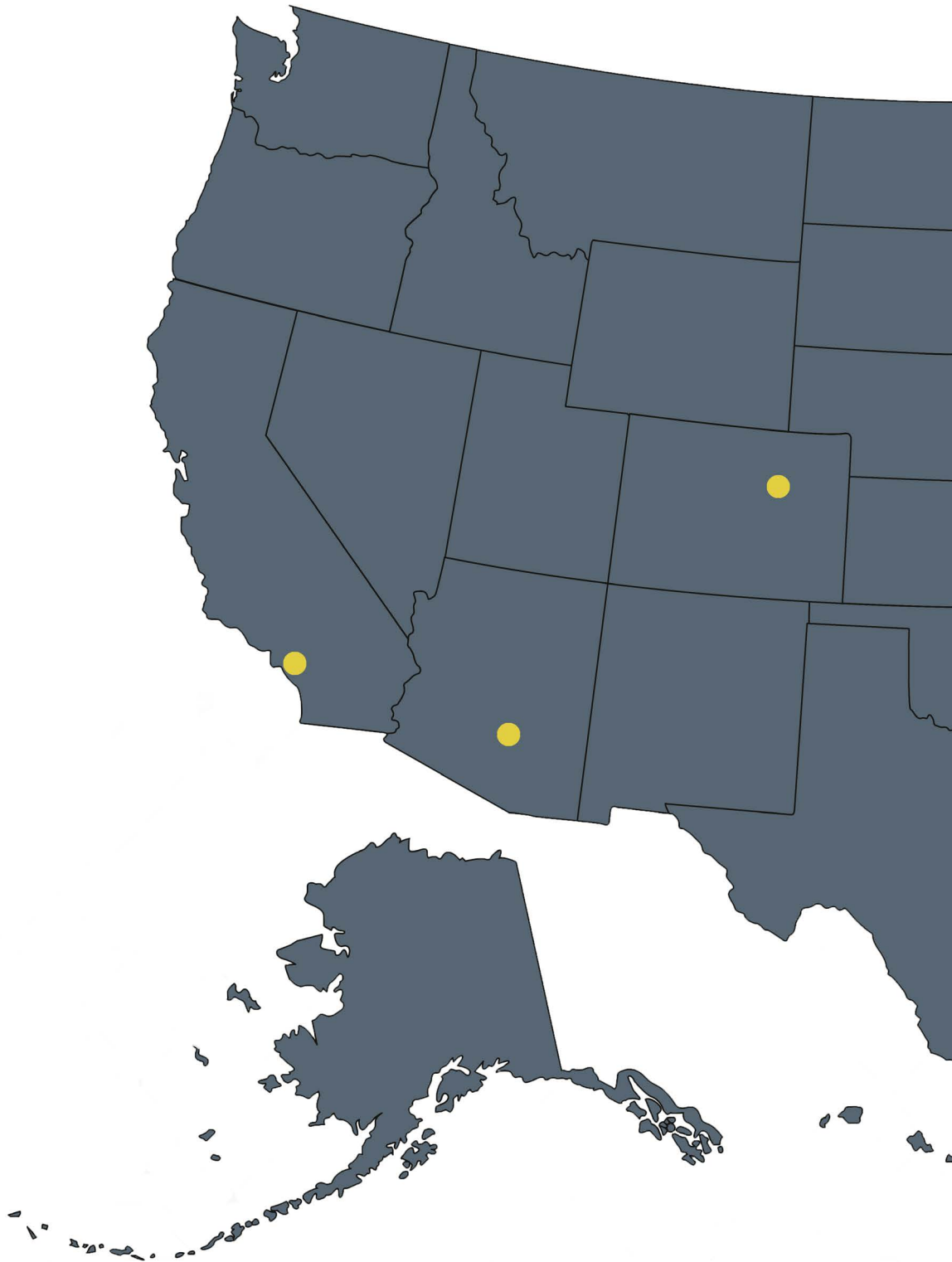
■ NORTH CAROLINA - (Raleigh)
2100 Lake Dam Road #37371 (Mailing address only)
Raleigh, NC 27627

■ PENNSYLVANIA - (Philadelphia)
1 International Plaza, Suite 550
Philadelphia, PA 19113

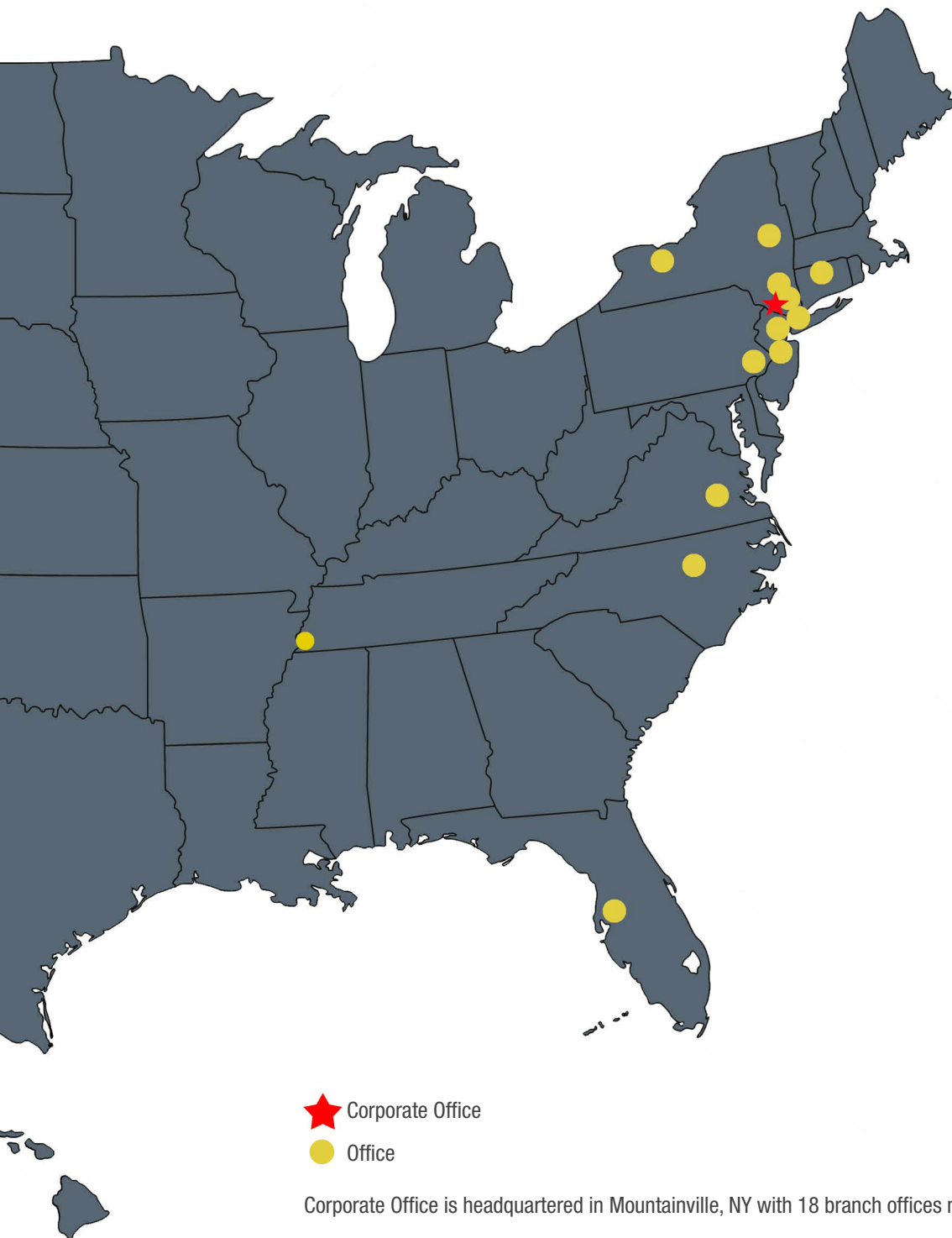
■ TENNESSEE - (Memphis)
6000 Poplar Avenue, Suite 250
Memphis, TN 38119

■ VIRGINIA - (Richmond)
3951 Westerre Parkway, Suite 160
Henrico, VA 23233

OFFICE



LOCATIONS





Our Story

For the past 37 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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