



S&R SOLAR DESIGN ● CONSULTATION ● PERMITTING

SOLAR PERMIT PACKAGE

FULL SERVICE CONSULTATION, SITE ASSESSMENT, ENGINEERING, DESIGN & PERMITTING FOR RESIDENTIAL AND COMMERCIAL SOLAR PV INDUSTRY





WHAT WE DO:

S&R Solar Design is an innovative company focusing on design and permitting services in solar pv industry in the North East region and beyond.

We are dedicated to help solar industry grow in a positive direction. We have been serving the design and permitting needs of solar installers, both in large & small scale.

Over 2,500 solar PV permits have been issued with the direct help of S&R Solar Design!

We offer solar consulting as an a la carte service or combined with design and permitting support.

With our extensive knowledge of solar pv systems and passion for renewable energy, we work with solar companies and installers to design residential and commercial solar permit packages.

We are dedicated to help our clients & the solar industry grow in a positive direction!



SERVICES:

S&R Solar Design offers services in:

- **Site Assessment and Evaluation**
- **Residential and Commercial Solar PV Consultation and Design**
- **Pre-Design and Engineering Planning**
- **Feasibility Studies**
- **Asbestos Investigation and Report (ACP-5)**
- **Preparing Roof Layout, Electrical 3 Line Diagrams**
- **Solar Engineering**
- **Roof Load Capacity and Structural Evaluation**
- **Preparation of Department of Building's applications and paperwork**
- **Filing the applications and plans with your local Building Department**
- **Coordination with solar company for Electrical Characteristics & Mechanical Specifications**
- **Reviewing of Plans**
- **Revise plans and applications to satisfy all comments and resubmit if needed**
- **File for variance, Landmark, and Flood hazard zone projects**
- **Certification along with obtaining Approval, work permit and sign-off**
- **Professional Certification by Licensed Architect or Engineer**



CONSULTATION:

Here at **S&R Solar Design**, we know installing a solar PV system is a complex and expensive undertaking. The smallest error in the early stages could cost you millions in project overruns or could prevent the project from being built.

We are here to help you evaluate, design and obtain permit for your next solar PV project at the lowest cost with the least risk.

Today, our team provides a broader range of business consulting and design services for solar integration companies, utilities and manufacturers.



SITE ASSESSMENT:

A good Site Analysis is the first step in a successful installation of a solar system.

Our site survey team will travel to the proposed job site to acquire various pieces of technical information that enable the installation processes.

From the initial assessment of the proposed solar site to analyzing the local climate and shading to creating site drawings, aesthetic sketches and electrical blueprints, the **S&R Solar Design** team gets to work and begins to thoroughly review every piece of data we have gathered.

Our site assessment includes sketches, photos and video (close-up's and panorama's), shading analysis and various specific data such as building and roof structure, condition of the roof such as existing pitch and drainage system condition, roof access locations, other rooftop equipment including stacks, fire department access, potential inverter and other equipment locations, point of connection, and electrical distribution panels, and several other helpful pieces of information.



ASBESTOS INVESTIGATION :

NYC has a code requirement that buildings must be inspected for asbestos in the areas construction work will take place.

If your building was constructed per plans approved before April 1, 1987, your project requires asbestos inspections.

In order to receive a construction permit, the DOB requires a form approved by the Department of Environmental Protection (DEP) stating this took place unless exemption is selected on the PW1 permit application for DOB.

S&R Solar Design, after the investigation, will submit a survey report through DEP's online Asbestos Reporting and Tracking System (ARTS) and pay the fees. In addition to the DEP submission in ARTS, an ACP5 or ACP21 form with a DEP approved seal will be issued, and will be required for submission with the solar construction permit application to DOB.

If asbestos must be removed, the ACP7 form is completed in ARTS. Then, a Certified Asbestos Handler must remove it. An ACP21 form would be issued and sealed by DEP after removal.



S&R SOLAR DESIGN . CONSULTATION . PERMITTING



DESIGN & ENGINEERING:

As a top consultant, we bring over 20 years of combined Design and Engineering experience to our clients.

S&R Solar Design can provide up-to-date information on Building and Fire codes and regulations pertaining to permitting and interconnection.

A well designed solar system will maximize production, requires less maintenance and also lasts longer.

Our expert engineer department have designed gigawatts of PV arrays. We go above and beyond to configure PV systems that maximize project value.

Our staff is comprised of actual registered engineers and engineering graduates, **NOT DRAFTERS**, that have both hands on experience with the entire permitting, install and design process of solar projects.

S&R Solar Design have designed over 2,000 Projects since 2012!

We know what's important, and we creatively craft a solution to meet the needs of our customers



EXPEDITING & PERMITTING:

Do you have trouble keeping track of all the idiosyncrasies that permitting offices require for solar installations? Do you know all the tips-and-tricks that help expedite permit approvals? Our permitting experts have both the administrative and technical expertise to expedite the permit approval process in order to get your project moving as quickly as possible.

We provide regular updates so that you always know the status of your permit, at any time.

S&R Solar Design has filed and obtained permit for over 1,700 solar projects since 2012.

Our customized packages will assist installers to obtain approval and building permit a lot faster.

S&R Solar Design turn around to submit the proposed Solar project to building department is 4 Business Days only.



WET-STAMPED SIGN & SEAL:

S&R Solar Design is a national leader in solar industry. We have prepared thousands of structural certifications and designs for residential and commercial solar installers that enables solar installers to get building permit.

Whether you need structural certifications for one or a hundred jobs, **S&R Solar Design** prepares Certification Letters in a single business day. Our professional staff, combined with our proven proprietary systems, enables Vector to deliver affordable, high-volume, rapid, top-quality engineering services.

Send us your site audit form. We'll perform professional engineering services, which generally take the form of a Structural Certification Letter, but can include custom engineering designs as well.

We are licensed in ALL 50 STATES !



SOLAR PROPERTY TAX ABATEMENT SERVICES:

We handle everything from the very first steps of the process until the customer has their rebate check issued. Since there is so much room for error and a lot of data entry involved in rebate processing, allow us to handle the process in order to guarantee the satisfaction of your customers as well as securing your next sale or installation. If you prefer us to gather documents and information from your clients, just let us know and we will complete the process while representing your company.

Property tax exemptions allow businesses and homeowners to exclude the added value of a solar system from the valuation of their property for taxation purposes. An exemption makes it more economically feasible for a taxpayer to install a solar system on a residential or commercial property.

S&R Solar Design offers services in filing for property tax abatement to solar installers and property owners.



SOLAR ELECTRICAL INSPECTION :

S&R Solar Design offers services in required electrical testing and inspection of all type of solar systems.

As a solar system installer, inspecting your system is an extremely important protocol but because of the difficulty and safety risk involved when accessing a solar panel system and its major components, a professional firm thoroughly inspect these vital components of your system on a routine (typically yearly) basis.

Our electrical inspectors have a very deep understanding of electric wiring and electric codes. We examine the electrical systems from the connection of the main line to the wiring of individual outlets; Inspecting appliances that are hardwired into a structure; Making recommendations for electrical system changes; Evaluating site's electrical system to determine compliance with standards.

We also confirm that the PV system is code compliant and will work properly with the electrical system.



INTERCONNECTION APPLICATION:

Our clients usually prefer to package rebate and interconnection processing together, as the two go hand-in-hand for solar installations. We have been known to receive permission to operate (PTO) for their projects in record time, and this is due to our attention to detail and consistent communication with the utility company. You and your customer want the solar system turned on as soon as possible, and we will help that become reality. We make sure the calculations and data match the single line diagram in order to get approval after the utility company's inspection.

Most small renewable energy systems can be approved and interconnected quickly; larger systems generally take more time and may require system impact studies to ensure they will not cause any issues on the grid. In some cases, additional system upgrades may be required to interconnect the renewable energy system.

S&R Solar Design assists solar installers and property owners to obtain approval for utility interconnection.



ABOUT US:

Sol Sahiholamal, the Co-founder and Principal of **S&R Solar Design** offers technical consulting services to support the wide range of solar industry. With Architecture and Engineering background, Sol has been active in the solar industry since 2009 and is dedicated to renewable energy integration from a solutions perspective.

At the age of 20, Sol joined the school of NYIT team of 2007 Solar Decathlon. He quickly realized solar industry would be the next big thing.

Prior to establishing S&R Solar Design with his partner, Sol worked for numerous architectural companies in NYC, gaining him extensive experience in the challenging NYC regulatory environment.

David Rastegar, the Co-founder and Executive of **S&R Solar Design** comes with civil and structural engineering background, and extensive knowledge with building department, expediting and permitting process.

Graduating at the top of his class, David, has been pursuing his dream of creating a solar design and consultation firm that works with the clients to bring their innovative ideas to life. With over 8 years of experience, he recognizes the inner workings of NYC Department of Buildings and other governmental entities.

His knowledge along with his ability to read between the lines of New York City Fire & Zoning Code and regulations enables him to provide the fastest, most reliable services to the solar industry.



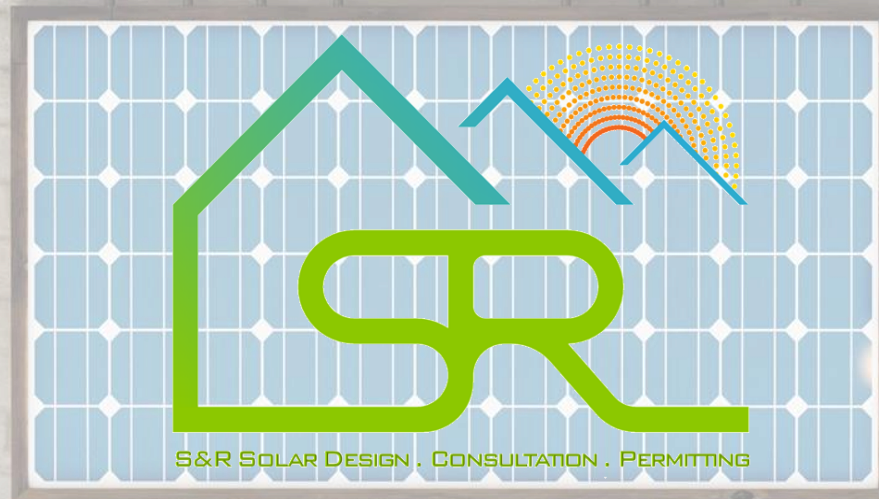
CONTACT US:

S&R SOLAR DESIGN CORP.
124-15 METROPOLITAN AVENUE
QUEENS, NY 11415

T: (646) 626-6299

E: INFO@SRSOLARDESIGN.COM

W: WWW.SRSOLARDESIGN.COM



S&R SOLAR DESIGN . CONSULTATION . PERMITTING