

GENERAL PROJECT PROCESS



PROVEN APPROACH

Louth Callan Renewables follows the National Renewables Energy Laboratory recommendation for evaluating solar projects. We use a proven approach to efficiently manage the steps of successful solar solution implementation and provide you with a seamless transition to clean energy. Our expertise enables Louth Callan Renewables to help you achieve your energy goals as rapidly and efficiently as possible.

PROJECT DEVELOPMENT STEPS



TIMELINE TO COMPLETION 4 – 12 Months

As with any power generating installation project, a solar system installation is subject to numerous third-party approvals as required by federal, state, and local governance. These approvals, as well as weather conditions, may extend the timelines that are estimated here. While a timeline of four months is about the average, variation is more common than not. Louth Callan Renewables is committed to the timely completion of the project but is subject to the conditions described.

HIGH STANDARDS

Every solar project begins and ends with the highest levels of quality control, including stringent project management, extensive research and development, rigorous equipment selection and hundreds of quality control data points through every stage of the development process. We bring your projects to life and help you achieve your energy goals as rapidly and efficiently as possible while maintaining the highest standards for safety and efficiency.

PROJECT EXPERIENCE

Name	Location	Size
Amherst Solar	Amherst, NY	3.8 MW
Archdiocese of Bridgeport	Bridgeport, CT	4MW
Archdiocese of Hartford	Hartford, CT	6MW
Putnam Plastics	Dayville, CT	496kW
Bluestone Solar	Kingston, NY	2 MW
Davis Solar	Goshen, NY	2 MW
Durham Manufacturing	Durham CT	1.2MW
Ellsworth Solar	Mechanicsville, NY	4 MW
Wareham Lumber	Wareham, MA	260kW
Kitchen Express	Hartford, CT	668kW
McCarthy Solar	Blooming Grove, NY	2 MW
Notre Dame High School	West Haven, CT	276kW
Papa's Dodge	New Britain, CT	486kW
Pearl Solar	Batavia, NY	4 MW
Sign Pro	Plantsville, CT	293kW
Strauss Solar	Geneva, NY	2 MW
Taurus Solar	Westport, MA	3 MW
Toyota of New London	New London, CT	234kW
Six Jefferson Solar	Coventry, RI	656kW
Viking Kitchens	New Britain, CT	522kW
Virgo Solar	Westport, MA	4 MW
Watertown Plastics Corp	Watertown, CT	291kW
Coventry Lumber	Coventry, RI	612kW

Every solar project is different, and every project has its own unique set of challenges. Once we have gone through these steps, you will have 20-25 years of guaranteed benefits on a space you would not otherwise have been able to monetize. Turn your dead space into **GREEN SPACE!**

STANDARD PROJECT STEPS EXPLAINED



Delay Disclaimer: The blue text below indicates the potential for delay due to third party requirements. The Louth Callan team establishes excellent collaboration with these third parties and works diligently to expedite processes whenever possible.

1. INITIAL INQUIRY

- Initial call or site visit
- Determine property characteristics
- We conduct initial cost/benefit analysis

2. SOLUTION PROPOSAL

- Provide solar recommendation for development, engineering, construction, and maintenance
- Client collaborates with solar array design and revisions may be made
- Often a second site visit to confirm adjustments for solar design installation

3. LEASE CONTRACT

- Client agrees to proposed solution
- Contract is processed and signed
- We schedule initial engineering site visit

4. FINANCING

- We process contracts and approvals
- We secure financing for project solution

5. ENGINEERING & DESIGN

- Our experts conduct site visit to confirm design
- We submit for independent electrical and structural engineering reviews
- Our engineering team completes initial structural approvals and builds a custom site plan



6. INTERCONNECTION APPROVAL

- We complete and submit all utility paperwork
- We collaborate with utility to conduct initial interconnection studies
- Utility determines impact to grid
- Utility may require additional studies before granting ISA which may add 60 days to timeline
- We are granted an interconnection service agreement for the system

7. PERMITS & APPROVALS

- We develop construction documents and diagrams
- We submit documents for permitting approval
- Our Project Managers work to clarify questions and secure permits and approvals

8. CONSTRUCTION

- We establish a project installation calendar
- Once applicable permits are received, we begin on site construction and build your solar solution
- We provide weekly progress updates

9. FINAL INSPECTIONS

- We complete inspections with the Town
- We complete a witness test with the Utility
- We turn on your system and it begins to produce power

10. ONGOING MAINTENANCE

- We conduct production monitoring and reporting
- We administer appropriate rebates and warranties
- We provide maintenance when necessary

Whether you own your system, have a PPA, or entered a lease, your monetary benefits begin here!