# Solar Panel Installers at Lumina Solar Outline How to Verify Credentials

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Virginia property owners comparing solar panel installers face a widening field of companies and little clarity on how to tell them apart. Rising energy costs are drawing more contractors into the market, and Lumina Solar, a solar panel installation company operating from Fairfax, has set out the credentials and checks that separate qualified installers from the rest for residents weighing a move to solar. The company points to certification, state licensing, and insurance as the starting points property owners should confirm.

The U.S. Department of Energy advises consumers going solar to gather an estimate from more than one company and to verify that a solar panel installer holds proper licenses and recognized certification before signing. Insurance coverage, workmanship terms, and whether a company relies on its own crew or on subcontractors are further points the guidance flags. These checks apply whether the project is a small residential solar system or a larger commercial one, and they give property owners a consistent way to compare proposals rather than relying on price alone.

Certification from the North American Board of Certified Energy Practitioners is the credential most often cited for solar photovoltaic work. NABCEP, a non-profit founded in 2002, has offered its PV Installation

Professional certification under the ANSI-accredited ISO/IEC 17024 standard since 2007. Earning it requires documented field experience, at least 58 hours of advanced photovoltaic training, OSHA construction safety training, and a passing score on a rigorous exam covering design, installation, and commissioning. NABCEP has since added an Energy Storage Installation Professional credential covering battery and energy storage work. The certification is voluntary and does not replace state licensing, though some states and utilities recognize it alongside those requirements.

Beyond certification, property owners are advised to confirm that an installer holds the contractor and electrical licenses required for the work, carries liability and workers' compensation insurance, understands the local utility interconnection requirements, and employs the crews that will be on the roof rather than routing the job to outside subcontractors. Lumina Solar's licensed installers and electricians handle its projects in house, and the company holds the licenses required for the electrical construction involved. Certified solar panel installers generally complete formal training and periodic recertification to keep their standing current, which is part of what the credential signals to a prospective customer.

Lumina Solar was founded in 2018 and has completed more than 6,000 installations across Maryland, Pennsylvania, Virginia, Delaware, and Washington, D.C. The company employs more than 150 staff, including NABCEP-certified installers and licensed electricians, and runs its Virginia operations from Fairfax. Its work covers system design, engineering, site assessment, permitting, the mounting of solar panels and arrays, battery backup and energy storage installation, and system monitoring. Equipment typically carries manufacturer warranties separate from the workmanship warranty a company offers, and those warranty terms sit among the details property owners are advised to review.

The field is expanding for a reason. The Bureau of Labor Statistics projects employment of solar photovoltaic installers to rise 42% between 2024 and 2034, a distribution its Occupational Employment and Wage Statistics program records by state and metropolitan area. The Solar Energy Industries Association reported in March 2026 that Virginia holds 7.5 gigawatts of installed solar capacity, ranking the state ninth nationally, and that solar power supplied the largest share of new U.S. generating capacity in 2025, ahead of other renewables in clean energy additions. As solar, which converts sunlight into electricity, sits within the broader category of renewable energy and alternative energy, and as the roster of solar panel installers grows, verifying credentials gives property owners a dependable basis for choosing among them and for judging the solar energy proposals they receive.

Additional information about Lumina Solar's residential and commercial solar panel company, credentials, battery backup, and system monitoring is available through the company website.

About Lumina Solar

Lumina Solar is a solar panel installation company founded in 2018 and serving Maryland, Pennsylvania, Virginia, Delaware, and Washington, D.C. The company provides residential and commercial photovoltaic installation, including system design, site assessment, permitting, battery backup, energy storage, and system monitoring. Lumina Solar operates its Virginia office in Fairfax and employs more than 150 staff, including NABCEP-certified installers and licensed electricians.

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