



# SolarAPP+ for Jurisdictions

## Work more efficiently and grow solar

Residential solar systems are common and consistent these days. This should make jurisdiction reviews easy, but the sheer volume of applications can be overwhelming. SolarAPP+ helps make permitting department workloads manageable by automatically checking residential solar and storage system designs for safety and code compliance.

### Saving Building Departments Time and Money

Residential solar and battery applications account for a growing percentage of permitting pipelines. With increasing numbers of local governments creating climate action plans to reduce emissions and fight climate change, SolarAPP+ will help agencies seamlessly manage larger volumes of residential solar and home battery permit applications to substantially rebalance staff workloads.

### Ensuring Safety and Code Compliance

SolarAPP+ was developed by the National Renewable Energy Laboratory (NREL), a division of the Federal Government, through a rigorous, collaborative process with the leading subject matter experts in the building safety and code-making community, including UL LLC, National Fire Protection Association, International Code Council, and International Association of Electrical Inspectors. SolarAPP+ permitting specifications are based on model building and electrical and fire codes.

### Stay Up-to-Date with the Latest Technologies

SolarAPP+ can expand to integrate more renewable energy and smart home technologies, like residential storage, energy management systems, smart meters, app-based energy monitoring equipment, EV charging, and more! It also stays up to date with relevant code and certifications as new editions and technologies arise, reducing the need to constantly retrain staff on new codes.

## Benefits

SolarAPP+ will always be offered to city and county permitting departments at no cost

Online permitting with SolarAPP+ is a 24/7 City Hall solution that will improve customer service for residents

Automated permitting allows building staff to focus on more complex projects

SolarAPP+ uses standardized compliance checks to catch errors and return corrections to the applicant instantly

Onboarding is supported by NREL and streamlined to suit your needs

Standardizes up to 90% of standard system plans. Identifies ineligible systems that must go through a typical review.

Earn points towards SolSmart designation, including meeting Gold-level requirements for less than three day permit application turnaround.



**I was eager to work with NREL to find this new approach to handle solar permits. There has been such a good collaboration to create a different way to review these residential projects in a way that is outside the traditional plan review box but still covers the technical aspects. We're now able to move qualifying solar permits directly to field inspections, which is giving our staff much needed time to work on other, more complex projects.**

- GEOFF SIMMONS, CHIEF BUILDING OFFICIAL, PLEASANT HILL (CA)

### Accelerating Solar Deployment in the U.S.

Cities and counties across the U.S. are making bold commitments to curb emissions and deploy renewable energy. SolarAPP+ will accelerate this transition and increase the amount of local clean energy powering our homes and our communities.

### About Us

The SolarAPP+ project is managed in collaboration by NREL and UL, with oversight by the SolarAPP Foundation. The SolarAPP Foundation's Board is composed of leaders from both the solar industry and building code enforcement to ensure that all of the key stakeholders in the solar permitting world are included in making SolarAPP+ a success.

### Learn More

Visit <https://Solarapp.nrel.gov/> to sign up

### Product Features

Performs automated plan review with code compliance checks, enabling instant approval for qualified systems

Catches code issues, typos, and errors; returning corrections instantly

Provides online fee payment and digital record tracking, if needed

Able to stand alone or seamlessly integrate with existing government software and inspection platforms, like Accela, OpenGov, and more

Can expand to integrate more renewable energy and smart home technologies, keeping cities up to date with relevant code years

Incorporates and centralizes a marketplace of resources and training materials from code bodies and expert organizations