

The Problem

Currently, AHJ requirements for residential PV solar permits vary wildly across the US. This inconsistency has led to:

- ✓ Direct and indirect costs of permitting, inspection and interconnection reaching about \$7,000 per residential project (Source: <https://www.thesolarfoundation.org/solarapp/>).
- ✓ Soft costs, including the costs of permitting and inspection, are representing an increasing share of the overall price of a residential solar system. (Source: <https://www.seia.org/research-resources/solar-soft-costs/>)
- ✓ An added \$1 billion over 5 years to the cost of selling, permitting, and installing residential PV systems. (Source: <https://www.sunrun.com/solar-lease/cost-of-solar/local-permitting/>)

The lack of transparency and consistency in requirements across the more than 20,000 AHJs lead to increases in project costs, delays, and cancellations.

Our Solution

An analytics engine and user interface that divides AHJs into segments that share similar requirements and identifies the best path toward de-facto standardization. Benefits to the industry include:

- ✓ Reducing the rate of rejections, and therefore lowering the soft costs.
- ✓ Encourage consistency amongst permitting inspectors.
- ✓ Provide insight into permitting trends across the nation that can help inform streamlining initiatives like The Solar Foundation's SolarAPP.
- ✓ Allow industry groups like SEIA to identify areas for improvement.

