

GROWING YOUR BUSINESS AND SUPPORTING PROFESSIONAL DEVELOPMENT WITH STANDARDS

DEFINITIONS:

SOLAR CODE, STANDARDS & BEST PRACTICES

Definitions

- **Codes**

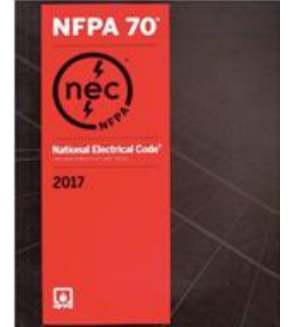
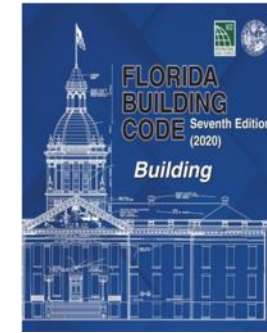
- Set of rules specifies **minimum level of safety** to protect public
- Legally required/enforceable once adopted

- **Standards**

- Voluntary guidelines approved by recognized organization
- Often used as the basis for Codes

- **Best Practices**

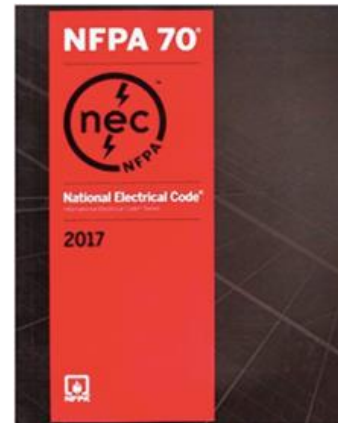
- Guidelines established by “Subject Matter Experts”
- Improves long term performance of solar systems



Codes/Standards in Solar

- Most PV systems were not permitted and inspected until the 2000's, some still aren't.
- PV permitting now represents over half of permits issued by many building departments
- Codes and Standards are getting more complex and building officials are struggling to keep up

Electrical



Fire

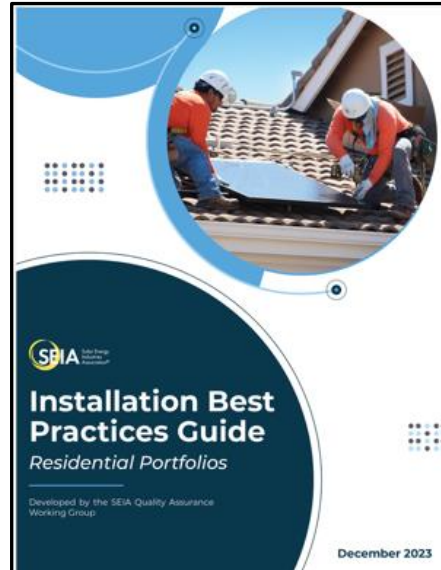


Building



ANSI/ SEIA Standards Initiative

- Several SEIA working groups help to provide the foundational knowledge for SEIA standards.
- Example: The SEIA Quality Assurance Working Group (QAWG) was tasked with creating an Installation Best Practices Guide for Residential and Commercial Portfolios
- These documents are serving as the basis for ANSI/SEIA Standards.
- By developing accredited national standards, SEIA is proactively tackling issues that build confidence among customers, regulators, investors, rating agencies, and other stakeholders.



SEIA Standards

Published Standards

- [*SEIA 201: Solar and Energy Storage Installation Requirements Standard: Residential and Small Commercial Systems*](#)
- [*SEIA 301: Solar and Energy Storage Operations and Maintenance Standard – Technician Training*](#)
- [*SEIA 401: Solar and Energy Storage Consumer Protection Standard*](#)

Standards Closed for Public Comments

- [*SEIA 101: Solar and Energy Storage Supply Chain Traceability Standard*](#)
- [*SEIA 251: Solar and Energy Storage Installation Requirements Standard: Large Commercial and Industrial Systems*](#)

Standards Under Development

- *SEIA 202: Solar and Energy Storage Installation Requirements Standard: Residential and Small Commercial Systems Installer Training*
- *SEIA 252: Solar and Energy Storage Installation Requirements Standard: Large Commercial and Industrial Systems Installer Training*
- *SEIA 501: Solar and Energy Storage Environmental, Health, and Safety Standard: Installer and Technician Training*
- *SEIA 601: Solar and Energy Storage Equipment Decommissioning Standard*
- *SEIA 602: Solar Equipment Minimum Requirements for Recyclers*
- *SEIA 603: Solar Equipment End-of-Performance/End-of-Life Management Standard*

- Many State Legislatures are beginning to regulate the industry to protect consumers
- SEIA is doing the work to create Standards that can be enforced by law
- Writing these Standards using industry experts is far better than having the States come up with the language on their own.

Washington lawmakers move to rein in unscrupulous rooftop solar companies

The state Legislature unanimously passed consumer protections to combat sketchy marketing and installs. The bill now heads to Gov. Jay Inslee for his signature.

BY: TOM BANSE - MARCH 1, 2024 1:35 PM

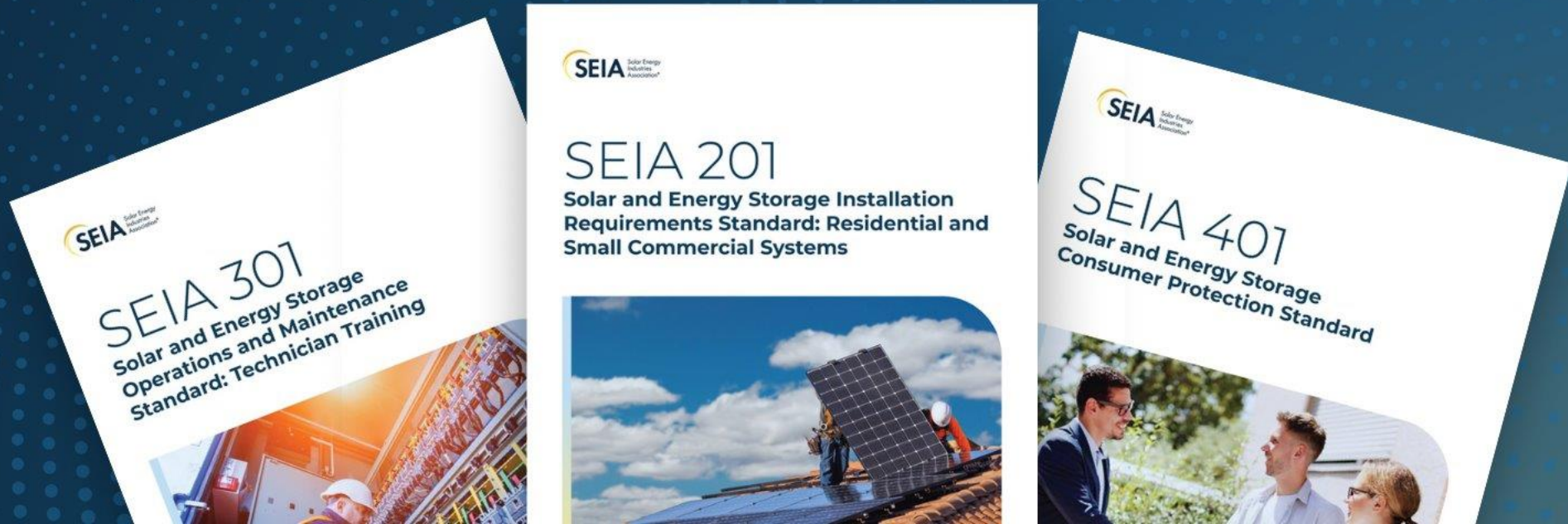


As rooftop solar systems gain popularity, some homeowners have complained about misleading vendors and faulty installs. Washington lawmakers have approved a bill aimed at addressing these issues with new consumer protections. (Getty Images)

Solar & Energy Storage Standards Strengthen Trust in Our Industry

Learn more about how your organization can access SEIA standards.

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