

**Upperstate Code Enforcement Association  
Of  
South Carolina**

**Residential Solar PV Inspection and Plan Review  
Presented by: Doug Smith with West Coast Code Consultants  
8 hours LLR and ICC CEU**

**May 18, 2022 8am  
Greer City Hall**

**Please complete the following registration form and return with your payment to:**

**USCEA  
Attn: Kaylyn Timms  
P O Box 2207  
Greenville SC 29602**

**COST: \$75 – includes 8 hours of CEU’s and lunch**

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**Name:**

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**SC Registration #:**

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**Title:**

**Organization:**

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**Address:**

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**E-mail Address:**

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**Phone:**

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This course will cover key requirements of the 2020 NEC that govern solar PV systems. There will also be presented several examples of different types of residential solar PV systems and will walk the class step by step through the plan review process for each one. Topics to be covered throughout the presentation include the following: wire/breaker sizing, wire deration, cold temperature voltage, rapid shutdown of systems, disconnect locations, interconnection requirements, roof fire access clearances, equipment/wiring installation, and signage. The course will also explain key concepts on what to look for during inspections. Topics covered related to inspections include roof-mounted-solar systems, ground mounted systems, typical PV racking systems, ballasted racking systems, overcurrent protection, disconnects, point of interconnection, grounding and bonding, wire management, and signage.