THE 2014 NEC CYCLE-THE STATUS & PROCESSES

Ward Bower Ward Bower Innovations LLC Presented at Underwriters Laboratories – Northbrook, IL For the Solar ABCs Stakeholder Meeting on the 2014 NEC August 27, 2012

THE 2014 NEC PROCESS

The NEC Editions are published every 3-years Steps to publish the 2014 NEC are nearly complete

- 11/4/11 Proposals Due
- > 1/9-21/12 CMPs Meet/Review Proposals
- > 2/24/12 Panel Ballots on Panel Actions Due
- > 7/13/12 Report on Proposals to Mailing House
- > 8/27/12 WE ARE HERE! (Stakeholder Meeting at UL)
- > 11/17/12 Public Comments Due!
- > 12/3-8/12 CMP4 Meets to Examine Public Comments
- > 2/18-22/12 Ballots on Panel Actions Due
- > 3/22/13 Report on Comments to Mailing House.

BY THE NUMBERS - 2014 NEC PROPOSALS

Original Proposals for 690 = 182**33** Proposals from the PV Industry Forum **136 Proposals from Individuals/TCC** Original Proposals for 705 = 419 Proposals from the PV Industry Forum 32 Proposals from Individuals/TCC **Complex Panel Proposals Tried to Coordinate** Multiple Proposals on the Same Article and Helped With the Reorganizations 10 Panel Proposals Requires a Roadmap to Follow

WHY THIS MEETING

Will Review the ROP (Critical/Prioritized) Items

- This will be a review to inform about the changes accepted or needing further changes
- We will review then list action items in the form of recommendations rather than writing the public comments.(Only critical language will be recorded)
- Based on past reviews of other ROP There is NOT Enough Time to Debate Each Section but we will get the concerns and recommendations recorded
- The Agenda has been divided into sections so we will NOT be short changing items later on the agenda
 TIMEKEEPING will be Critical

WHY THIS MEETING (CONTINUED)

Just 6 short weeks to organize and prioritize public comments

- Public Comments Rules
- 1. <u>No New Proposals</u>
- 2. Consensus is Better but Anybody Can Submit
- 3. Follow the NEC Style Manual !!
- 4. <u>Good Substantiations. Bullet Proof if trying to undo a</u> <u>REJECTED proposal</u>
- 5. Help is Available Thru the Industry Forum and SEIA
- 6. <u>This Meeting Can Help Determine Who Will Submit</u> <u>Public Comments</u>

MEETING MODERATORS

- Ward Bower (Lead) [Principal CMP4]
- Bill Brooks (Brooks Engineering) Extensive PV Course Teaching, Investigator of PV System Problems) [Alternate CMP4]
 - Larry Sherwood (Solar ABCs Project Lead)
 - John Wiles (SWTDI) Instructs AHJs and Inspectors on PV, System Reviews, Secretary Industry Forum
 - Tim Zgonena (UL) Leads Domestic & International Certifications/Standards, [Member CMP4]

A SHORT TO-DO LIST

- **Discuss Current Language/Status**
- Decide Mechanism AND Coordination for Public Comments
- WORK Assignments are VERY LIKELY!
- Reach Out to Industry Missing this meeting
 - Impacts will be discussed and then will need to go to information transfer
 - Costs (while not high priority relative to safety) must be a factor on acceptability/needs of requirements

LET THE FUN BEGIN (After a couple of more intros)