

Wind Workforce Standards Committee  
Minutes  
June 24, 2021  
11:00 AM – 12:30 PM, Eastern  
Conference Call  
See calendar invite for Microsoft Teams link

**Minutes:**

1. Welcome: Al Zeitz, ILEC
2. Roll Call: ACP Staff
  - a. Meeting met quorum. 17 voting members attended.
3. Review and approve agenda
  - a. Motion to approve the agenda.
  - b. Dwayne Kitchen, World Wind & Solar, motion, Tom Sutton, KVCC, 2<sup>nd</sup>
  - c. Motion approved
4. Approval of March draft meeting minutes: Al Zeitz, ILEC
  - a. Motion to approve Draft Meeting Minutes
  - b. Brent Knight, Intuitive Safety Solutions, Inc., motion, Dwayne Kitchen, World Wind & Solar, 2<sup>nd</sup>.
  - c. Motion approved
  - d. Action item: two-week ballot.
5. ACP Update: ACP Staff
  - a. Michele Mihelic, ACP, noted that ACP SDP approved, accreditation is final. Official approval from ANSI Executive Committee in April. We moved forward with ballots that were on hold. We will start special audit in July. Need to complete special audit before we can submit BSR 9. ACP is submitting The Small Wind Turbine standard for special audit. Audit will take 4 – 6 weeks.
  - b. Michele Mihelic, ACP, noted the August meeting moved to virtual because in-person location has meeting attendance caps and didn't want to be in a position of having to turn people away at the door since our meetings need to be open for all with no restrictions.
  - c. Welcome new members:
    - i. CICB
    - ii. EPRI
  - d. Membership update
    - i. Review voting member roster with new member categories
    - ii. Balance and participation
      1. Sabrina Morelli, ACP, noted she will reach out to a few companies that did not vote during the last round of ballots with a friendly email reminding them about participation requirements.
6. Closed ballots: ACP Staff
  - a. The group reviewed the recent closed ballots. The following passed:
    - i. Approval of Draft Meeting Minutes November 2020
    - ii. Approval of WWSC Membership Application for CICB
    - iii. Approval of 2021 Meeting Schedule
    - iv. Approval of new WWSC Membership Categories
7. Subcommittee Updates
  - a. Wind Technician Standard

- i. Workforce Definition Standards Subcommittee, Chair: Tom Sutton, KVCC
      - ii. Wind Technician Entry-Level Minimum Standard Subcommittee, Chair: Alan Nelson, Run Energy
    - b. Micro-Credential Subcommittee, Chairs: Andy Dibling and Jeff Sampeer, Clearway Energy
      - i. Looking for volunteers
        - 1. The following volunteered during the meeting: Alan Nelson, Run Energy; Brent Knight, Intuitive Safety Solutions, Inc.; Early Deloach, Pattern Energy Group Services, LP; Kit Thompson, Cloud County Community College
      - ii. Brent Knight, Intuitive Safety Solutions, Inc., asked if the group has considered developing an apprenticeship program – schools for training and on the job training with the companies. He noted that it’s possible to apply for a grant. We can develop a roadmap for an apprenticeship program.
        - 1. Michele Mihelic, ACP, noted this is part 2. It was decided early on that we would start with the entry-level credential and micro-credentials. There is more that we need to do. Apprenticeship program and applying for a grant is more for the non-standards side of ACP. Since this group is focused on developing standards.
8. Additional Items
- Discussion: Broaden committee scope
- a. Al Zeitz, ILEC Energy, asked the group: Do we broaden the scope to expand beyond wind energy? He noted that at a minimum we need to change AWEA to ACP.
  - b. Brent Knight, Intuitive Safety Solutions, Inc., noted it might be too soon to broaden this, wait until we have more solar/storage participates. We just made the move to ACP in January, we don’t know the landscape yet.
  - c. Alan Nelson, Run Energy, noted he was surprised we stopped at utility scale solar. WWS and I are servicing rooftop units.
  - d. Early Deloach, Pattern Energy Group Services, LP, asked about the solar industry, SEIA, they have standards that they develop, right?
    - i. Michele Mihelic, ACP, noted SEIA is not an SDO. They did have some workforce development activities (Solar Ready Vets), this is under their Solar Foundation <https://americansolarworkforce.org/>. We can take on additional work as long as it meets our scope. You can discuss the expansion of the scope, if you decide not to expand the scope, you can’t create subordinate groups outside the scope.
  - e. Dwayne Coffey, EPRI, noted that EPRI does research for electrical industry, we have a significant amount of research for wind, solar, and storage. The industry is going to move both ways, it’s beneficial to expand scope to guide.
  - f. Alan Nelson, Run Energy, noted he’s not opposed to expanding the scope, I took a look at entry-level – there’s a lot of wind specific. I don’t think we should move back but move forward with a solar technician credential.
    - i. Michele Mihelic, ACP, clarified that we are not moving away from wind tech entry-level, I meant there’s a discussion on ACP to look at wind tech entry-level and then create an entry-level renewable. Not dropping the wind tech entry-level.

- g. Al Zeitz, ILEC Energy, asked if we can have the umbrella committee, clean power work force, and have subcommittees that focus on solar, storage, etc. Is this ok with ANSI.
  - i. Michele Mihelic, ACP, noted It won't matter, as long as we follow our scope and procedures. When it comes to the training for clean energy, there are nuances, but how different is electrical or LOTO, as an example.
  - ii. Al Zeitz, ILEC Energy, noted there's a lot of synergy in those areas. Best interest to create one umbrella committee and have subcommittees under it.
  - iii. Dwayne Coffey, EPRI, agreed, noted it makes sense.
  - iv. Alan Nelson, Run Energy, noted it becomes a time thing on what it will be like to participate on multiple groups.
  - v. Jeff Sampeer, Clearway Energy, noted our solar techs are our battery storage techs, makes sense to bridge these two.
  - vi. Dwayne Kitchen, World Wind & Solar, I agree, also our solar techs are our battery techs. Everything crosses over. It all applies. Combining battery and solar would be great.
  - vii. Kit Thompson, Cloud County Community College, noted as we work on committee membership and get more general interest and education/training, if our scope stays wind, if we have an opportunity to include someone under solar or storage they wouldn't apply, right?
    - 1. Al Zeitz, ILEC Energy, noted yes, if the scope remains the same, correct.
  - h. Next steps: ACP staff to draft updated scope, send to chair & vice-chair for review, and send to group 30 days before the next call for review.
- 9. Final 2021 Meeting Schedule:
  - a. March 23, 2:00 PM – 3:30 PM, Eastern, Conference Call
  - b. June 24, 11:00 AM – 12:30 PM, Eastern, Conference Call
  - c. August 23, 10:00 AM – 12:30 PM, Eastern, Conference Call
  - d. November 18, 11:00 AM – 12:30 PM, Eastern, Conference Call
 Action item: have 2022 proposed schedule ready for August meeting.
- 10. Adjourn
  - a. Alan Nelson, Run Energy, motion, Jeff Sampeer, Clearway Energy, 2<sup>nd</sup>

**Action Items:**

- ACP staff to post the following two-week ballots:
  - o Approval of draft March meeting minutes.
- ACP staff will work with chair and vice-chair to draft an updated scope for the group to review at the August meeting.
- ACP staff will have the proposed 2022 schedule ready for the group to review at the August meeting.

**Voting Members in Attendance**

Company	Name	Type
CICB	O'Connor, John	Primary
Clearway Energy Group LLC	Sampeer, Jeff	Primary
Cloud County Community College	Thompson, Michael "Kit"	Primary
EDF Renewables	Buehler, Scott	Primary
Electric Power Research Institute (EPRI)	Coffey, Dwayne	Primary

Intuitive Safety Solutions, Inc.	Knight CSP, Brent A.	Primary
Iowa Lakes Electric Cooperative	Herum, Zach	Alternate
Kalamazoo Valley Community College	Sutton, Thomas	Primary
Lakeshore Technical College	Barrett, Justin	Primary
Pattern Energy Group Services, LP	Deloach, Early	Primary
Run Energy LP	Nelson, Alan	Primary
RWE Renewables Americas, LLC	Jenkins, Chris	Alternate
RWE Renewables Americas, LLC	Dove, Ryan	Primary
Siemens Gamesa Renewable Energy	Witt, Wesley	Alternate
Siemens Gamesa Renewable Energy	Brown, Cynthia	Primary
SKYLOTEC North America LP	Seyhan, Kurani	Primary
World Wind & Solar	Kitchen, Dwayne	Primary

#### Non-Voting Members in Attendance

Company	Name	Type
Bureau of Safety and Environmental Enforcement	Cushing, John	Observer
Bureau of Safety and Environmental Enforcement	Oliver, Christopher	Observer
Bureau of Safety and Environmental Enforcement	Kozak, Mark	Observer
Canadian Renewable Energy Association	McKay, Phil	Observer
Iowa Lakes Electric Cooperative	Zeitz, Alden	Group Chair
Maine Maritime Academy	Chace, Alan	Observer

#### Voting Members Not in Attendance

Company
Acciona Energy USA Global LLC
Alliant Energy
EDP Renewables North America LLC
Energy Challenges LLC
Ensa North America
High Plains Technology Center
Hytorc Division Unex Corp
Nebraska Public Power District
Ørsted Onshore North America
Portland General Electric Company