



Codes & Standards Committee Meeting Minutes

Wednesday, September 18, 2019

Puget Sound Energy Forum Room

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|----------------|------------------|-----------------|--------------------|
| Erling Hesla | Hesla & Assoc. | Andrew Pultorak | Puget Sound Energy |
| Al Hewitt | Bussman | Peter Richmond | Rushing |
| Tim Hingtgen | City of Bellevue | Dan Steinert | McKinstry |
| Dan Lanske | Cummins | Allan Toole | Power Plus |
| Jimmy Matuszak | Siemens | Brook Walker | Electric League |
| Chau Nguyen | Stantec | Len Whalen | LDW Engineering |

June 2019 **meeting minutes** approved

Discussion of **September Electrical Currents** articles

July 1, 2020 is the day the 2020 NEC updates are formally adopted.

State of Washington – N/A

City of Seattle – N/A

City of Kirkland – N/A

City of Bellevue – City of Bellevue is fully staffed and there are two full time people working on plans. Typical plan review wait is two weeks. Workload is expected to be heavy over the next few years. A number of high-rise towers are going in for Amazon and Facebook in the near future. Click [HERE](#) to see Downtown Bellevue Major Projects List.

NEW COURSE: 2020 NEC PV Grounding and Bonding and Interconnection of Energy Storage Systems

Wednesday, October 09, 2019 at 8:00 AM to 12:00 PM

Kirkland Justice Center, Totem Lake Room, 11750 Northeast 118th Street, Kirkland

Thursday, October 10, 2019 at 8:00 AM to 12:00 PM

Bellevue City Hall, room 1E-108, 450 110th Avenue Northeast, Bellevue

This course will cover the 2020 NEC requirements covering the installation of photovoltaic electrical and energy storage systems. This presentation will cover the NEC requirements for the installation of photovoltaic systems, specifically the grounding and bonding requirements in Article 690. Additionally this course will cover the interconnection of energy storage systems and photovoltaic systems and the requirements contained in Article 706 and Article 705.

Go to <https://mybuildingpermit.com/> to register.

Puget Sound Energy – New incentives will go into effect in Jan 2020. Trainings will occur for retrofit projects. Business Lighting Program will have trainings in October and November (what are rates, how to apply, etc). Earlier trainings are being scheduled because of higher incentives...announcing plans early so projects can be delayed to 2020 and the customer has the opportunity to receive a higher incentive.

- Oct 29, 8-10 AM - Burlington
- Oct 31, 8-10 AM - Bothell
- Nov 5, 8-10 AM – Kent
- Nov 7, 8-10 AM – Olympia

Past residential “off shelf” incentives for screw-in lamps will no longer going to be in effect (due to reduction of federal government programs).

Snohomish PUD – Time of Use pilot rate program, 7-9 AM and 5-8 PM, for commercial customers. All programs are open, including lighting. Following House Bill 1257 coming from state and determining how to incorporate energy efficiency into existing building stock and bringing it up to date.

Energy Code – Nothing to report

IAEI – Chapter meeting in Boise was informative. Tim Hingtgen taught a class on low-voltage. 20 vendors were there (lots of national testing laboratories) plus Eaton, Siemens, and Square D. Lots of code change presentations. Next chapter meeting will be in 2020 in Spokane.

IEEE – Erling Hesla reported on the September 17 at Brown & Caldwell featured an ARC Flash summary and review provided by Eaton. New standard is more comprehensive and complex.

Electric League – Solid State Circuit Breaker presentation on Sept 19, tour of UW Clean Energy Testbeds on Oct 17, and Bldg Cx Workshop on October 23 & 24 at Fred Hutchinson.

Adjourn

Next Meetings:

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| October 23 | PSE Forum Room | Education: Rapid Power Shutdown/Tim Hingtgen |
| November 20 | PSE Forum Room | Education: James Tumelson/NEC Grounding |
| December 18 | PSE Forum Room | |