



STATE OF WASHINGTON

## STATE BUILDING CODE COUNCIL

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**TO:** Energy Code Technical Advisory Group Members and All Interested Parties

**FROM:** Kjell Anderson, TAG Chair

**SUBJECT:** **ENERGY CODE TAG MEETING**

**ZOOM INFO:** **In response to COVID-19 there will not be a physical location. Please access the meeting via Zoom or phone.**  
**For Zoom [Click This Link](#) at the start of the meeting**  
**Meeting ID 956 5815 9276 Password: 596376**  
**For Zoom Telephone link call: 888-788-0099**

**DATE:** **Friday, July 30, 2021**

**TIME:** **8:30 a.m. – 3:00 p.m.**

**NOTE:** If the TAG does not make it through all the proposals on the agenda, the remainder will move to the next scheduled meeting.

### AGENDA

1. Welcome and Introductions
2. Review and Approve Agenda
3. Review and Approve Minutes of July 16, 2021
4. Proposals Tabled from Earlier Meetings
  - [21-GP1-192](#) Ratings for HP water heaters (from Lisa's request to revisit)
  - [21-GP1-161](#) Reduce Fenestration U-values
  - [21-GP1-239](#) DOAS Tempering
  - [21-GP1-235](#) Data Center MLC Updates
  - [21-GP1-147](#) Hot Water Coil Capacity
  - [21-GP1-052](#) Hydronic Coil Requirements
  - [21-GP1-194](#) PTHP Controls
  - [21-GP1-054](#) Part Load Controls
  - [21-GP1-184](#) PTHP Econo Exception for Group R-1 and I-1
  - [21-GP1-185](#) Group R-2 Exclusion for Econo Exception 1
  - [21-GP1-228](#) Airside Economizer Clarification
5. **10 am Key Issues Review/Discussion: Heat Pump Water Heating/C406**
  - **Heat Pump Water Heating**
    - [21-GP1-136](#) Heat Pump Water Heating

➤ **C406**

- [21-GP1-206](#) HVAC applications — Hart
- [21-GP1-146](#) Additional efficiency — Kirschner
- [21-GP1-230](#) Additional energy efficiency credit requirements — Whitlatch
- [21-GP1-078](#) C406/C411 Renewable Energy — M Frankel
- [21-GP1-100](#) Additional energy credits in existing bldgs. — Denniston
- [21-GP1-195](#) Alterations comply with C406 — Kennedy

6. Other C406 Proposals

- [21-GP1-221](#) Building areas and occupancies
- [21-GP1-220](#) On-site renewable energy
- [21-GP1-211](#) High performance DOAS
- [21-GP1-106](#) Enhanced commercial kitchen equipment
- [21-GP1-212](#) Clarification of service water heat pump efficiencies
- [21-GP1-120](#) Community solar project
- [21-GP1-107](#) Fault detection and diagnostic system
- [21-GP1-109](#) DOAS with heat recovery
- [21-GP1-231](#) Heat pump dryers
- [21-GP1-232](#) Radiant heating and cooling
- [21-GP1-233](#) Temp set points
- [21-GP1-213](#) High performance temperature maintenance system
- [21-GP1-214](#) Drain water heat recovery
- [21-GP1-215](#) High efficiency circulation systems
- [21-GP1-217](#) UPC peak demand pipe sizing
- [21-GP1-218](#) Low flow showerheads
- [21-GP1-210](#) Reduced lighting dwelling units
- [21-GP1-121](#) Low-Carbon district energy (three proposals)
- [21-GP1-088](#) Enhanced kitchen and laundry equipment
- [21-GP1-140](#) High efficiency gas appliances
- [21-GP1-210](#) Lighting reduction

7. Proposals Tabled from Earlier Meetings (continued)

- [21-GP1-166](#) Hydronic System Max Flow in Piping System
- [21-GP1-227](#) DDC Controls
- [21-GP1-240](#) Operable Openings Interlock
- [21-GP1-008](#) DDC Systems
- [21-GP1-190](#) DCV
- [21-GP1-229](#) Parking garage vent controls
- [21-GP1-236](#) Kitchen DCV
- [21-GP1-191](#) Garage Ventilation

If additional information is needed, please contact TAG staff, Krista Braaksma at (360) 407-9278. Sign language interpreter service, assistive listening services, and communication materials in alternative formats including Braille, large print, and audio recording are available on advance request by calling the above number.

- [21-GP1-226](#) Refrigerant piping clarifications
  - [21-GP1-172](#) Radiant heating required for unheated spaces
  - [21-GP1-097](#) DR Thermostats
  - [21-GP1-099](#) DR Water Heaters
  - [21-GP1-095](#) Indoor Horticulture Dehumidification
8. Chapter 5 and Miscellaneous Proposals
- [21-GP1-179](#) C405.7.1 Electrical receptacles at gas appliances — Jonlin
  - [21-GP1-137](#) C202, C405.13 UPS efficiency for computer rooms — O'Neil
  - [21-GP1-122](#) District energy/C407 (two proposals) — Clipper
  - [21-GP1-101](#) C408 Lower Commissioning exception thresholds — D Smith
  - [21-GP1-238](#) C409 Metering corrections/clarifications — Rosenow
  - [21-GP1-222](#) C409.1 Source vs End use metering exceptions — Vander Mey
  - [21-GP1-223](#) C409.4 Consumption rate and display clarifications — Tanner
  - [21-GP1-128](#) C410 Unscramble refrigeration language — Kennedy
  - [21-GP1-115](#) C411.1, Ch. 5 Solar Readiness Provision — Rosenow
  - [21-GP1-193](#) C412 Compressed Air — Kennedy
  - [21-GP1-112](#) Chapter 5 Language Cleanup — Rosenow
  - [21-GP1-079](#) New C501.7 Building Energy Performance EUI — M Frankel
  - [21-GP1-114](#) Ch. 5 Change in space conditioning — Rosenow
  - [21-GP1-102](#) New C506 Historic Buildings — Denniston
  - [21-GP1-183](#) Table C503.4 PTHP PTAC — Rosenow
  - [21-GP1-118](#) New C503.8 compliance path for building alterations — Baranick
9. Cleanup Remaining
- [21-GP1-103](#) Heat Pump Space Heating
  - [21-GP1-163](#) Correlating pump motors (request to revisit from Duane)
  - [21-GP1-070](#) – Cleanup of remaining items on C407
  - [21-GP1-094](#) Additional Interior Lighting Power
10. Adjourn

Public Comment allowed on each agenda item  
See TAG website for copies of referenced documents:

<https://sbcc.wa.gov/meeting-schedules-agendas/technical-advisory-groups/energy-code-tag>