

Group 1 WSEC-Commercial Code Proposals - 2021

Date Received	Proponent	Code	Section	Subject	Init. Log Number
4/29/2021	Mike McGivern	WSEC-C	C403.2.3	DDC Systems	21-GP1-008
4/29/2021	Mike McGivern	WSEC-C	C405.2.6(3)	Luminaires	21-GP1-009
5/20/2021	Levi Snow	WSEC-C	C405.2.4	Daylight Harvesting	21-GP1-026
5/25/2021	Robby Oylear	WSEC-C	C403.8.2	Motor nameplate horsepower	21-GP1-51
5/25/2021	Robby Oylear	WSEC-C	C403.3, C403.3.7, C403.3.7.1	New sub-section to C403.3 Equipment Selection C403.3.7 Hydronic Coil Selection C403.3.7.1 Chilled-Water Coil Selection	21-GP1-52
5/25/2021	Robby Oylear	WSEC-C	C403.10.4	Insulation of refrigerant piping	21-GP1-53
5/25/2021	Robby Oylear	WSEC-C	C403.4.4	Part load controls	21-GP1-54
5/27/2021	Michael Rosenberg Pacific NW National	WSEC-C	C403.1.1 and App D	HVAC TSPR	21-GP1-69
5/27/2021	Michael Rosenberg Pacific NW National	WSEC-C	C407	Total Building Performance	21-GP1-70
5/28/2021	Heli Ojamaa, Blanca Lighting Design	WSEC-C	C405.2	Interior Lighting Allowance	21-GP1-76
5/28/2021	Mark Frankel, Ecotope	WSEC-C	C411, with carry over to C406, C407	RENEWABLE ENERGY	21-GP1-78
5/28/2021	Mark Frankel, Ecotope	WSEC-C	C501, New C501.7	Building Energy Performance EUI	21-GP1-79
5/28/2021	Rahul Athalye, NORESO	WSEC-C	C409.4.13, 409.4.14	Enhanced Kitchen and Laundry equipment in accordance with Section 406.13 and 406.14	21-GP1-88
5/28/2021	Rahul Athalye, NORESO	WSEC-C	C409.4.3	Energy Display	21-GP1-89
5/29/2021	Michael Fowler	WSEC-C	App F	F101.3.2 Table	21-GP1-90
5/29/2021	Michael Fowler, Passive House NW	WSEC-C	C402.5.2 and C402.5.3	Dwelling Unit Enclosure	21-GP1-91
5/31/2021	Shaun Darragh, Lighting Design Lab	WSEC-C	C405.2.1 Ex 4	Timer Switches	21-GP1-92
5/31/2021	Shaun Darragh, Lighting Design Lab	WSEC-C	C405.2.1	Occupant Sensor Controls	21-GP1-93
5/31/2021	CJ Brockway, Sparklab Lighting Design	WSEC-C	Table C405.4.2(2) footnotes / C405.2.2.1	Additional interior lighting power	21-GP1-94
5/31/2021	Sean Denniston, New Buildings Institute	WSEC-C	C403.15	Indoor Horticulture Dehumidification	21-GP1-95
5/31/2021	Sean Denniston, New Buildings Institute	WSEC-C	405.13	Electricification Readiness	21-GP1-96
5/31/2021	Sean Denniston, New Buildings Institute	WSEC-C	C403.4.1	DR Thermostats	21-GP1-97

5/31/2021	Sean Denniston, New Buildings Institute	WSEC-C	C405.3	PPE	21-GP1-98
5/31/2021	Sean Denniston, New Buildings Institute	WSEC-C	C404.14	DR Water Heaters	21-GP1-99
5/31/2021	Sean Denniston, New Buildings Institute	WSEC-C	C406.1	Addtl. Energy Credits Existing Bldgs	21-GP1-100
5/31/2021	Doug Smith Meng Analysis	WSEC-C	C408	Lower Commissioning exception thresholds	21-GP1-101
5/31/2021	Sean Denniston	WSEC-C	C502, C503, new C506	Historic Buildings	21-GP1-102
6/1/2021	Jonny Kocher, RMI	WSEC-C	C403.1.4, C407, C503.4.1, C503.4.6	Space Heating Proposal	21-GP1-103
5/31/2021	Alexander Ratcliff, PAE Consulting Engineers	WSEC-C	C402.5.5	Rooms containing fuel-burning appliances	21-GP1-104
5/31/2021	Alexander Ratcliff, PAE Consulting Engineers	WSEC-C	C403.2.5.7	Air intakes	21-GP1-105
5/31/2021	Alexander Ratcliff, PAE Consulting Engineers	WSEC-C	C406.1 & C406.12	Addtl Energy Credits Req.	21-GP1-106
5/31/2021	Alexander Ratcliff, PAE Consulting Engineers	WSEC-C	C406	Fault Detection and Diagnostic System	21-GP1-107
5/31/2021	Chelsea Guenette, PAE Consulting Engineers	WSEC-C	C402.5.3	Building thermal envelope testing	21-GP1-108
5/31/2021	Chelsea Guenette, PAE Consulting Engineers	WSEC-C	C406	DOAS- HR	21-GP1-109
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C202, C403.3.5.1, C403.3.5.2, C403.3.5.3, C403.3.5.4, C406.7	DOAS fan power	21-GP1-110
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C403.3.5.1	DOAS DCV Exception	21-GP1-111
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C502.1, C502.2, C502.3, C503.1, C503.3 through C503.7	Existing Building Language Cleanup	21-GP1-112
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	Chapter 6, C403.3.5.1, C403.3.6, C406.7	DOAS Sensible Recovery Readiness	21-GP1-113
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C501.2, C503.2, C503.3, C505.1	Change in space conditioning	21-GP1-114
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C411.1, C502.1, C503.1, C505.1	Solar Readiness Provision	21-GP1-115
6/1/2021	Mike Baranick, Hargis Engineers	WSEC-C	C407.2 & C407.3	Mandatory Requirements	21-GP1-117
6/1/2021	Mike Baranick, Hargis Engineers	WSEC-C	C503.8 (new section)	compliance path for building alterations	21-GP1-118
6/1/2021	Mike Baranick, Hargis Engineers	WSEC-C	C403.1.1	HVAC TSPR	21-GP1-119
6/1/2021	Gavin Tenold, WA Solar Energy Industries Assoc	WSEC-C	C202, C406, C407, C412	Community Solar Project	21-GP1-120

6/1/2021	Clarence Clipper, Centrio	WSEC-C	C406- 3 proposals combined	Efficiency Packages, other prescriptive requirements and associated definitions in C202	21-GP1-121
6/1/2021	Clarence Clipper, Centrio	WSEC-C	C407.3- 2 proposals combined	Performance-based compliance, other prescriptive requirements and associated definitions in C202	21-GP1-122
6/1/2021	Mike Kennedy	WSEC-C	C503.6.1	Luminaire additions and alterations	21-GP1-123
6/1/2021	Mike Kennedy	WSEC-C	C405.2	Lighting controls	21-GP1-124
6/1/2021	Mike Kennedy	WSEC-C	C405.2.7.3	Lighting setback	21-GP1-125
6/1/2021	Mike Kennedy	WSEC-C	C405.2	Relocation proposal	21-GP1-126
6/1/2021	Mike Kennedy	WSEC-C	C405.2.1.4, C405.2.8	Parking Garage Lighting	21-GP1-127
6/1/2021	Mike Kennedy	WSEC-C	C410	Unscramble refrigeration language	21-GP1-128
6/1/2021	Mike Kennedy	WSEC-C	C401.1	Process Form	21-GP1-129
6/1/2021	Mike Kennedy	WSEC-C	C402.1.1.2	Semiheat	21-GP1-130
6/1/2021	Mike Kennedy	WSEC-C	C402.4.2	Minimum Skylight fenestration	21-GP1-131
6/1/2021	Mike Kennedy	WSEC-C	C403.3.2	Boiler Efficiency	21-GP1-132
6/1/2021	Mike Kennedy	WSEC-C	C403.3.4.2 (new)	High capacity space heating boiler	21-GP1-133
6/1/2021	Jonny Kocher, RMI	WSEC-C	C404.2.1, C404.2.2, C406.1, C406.8, C406.9	heat pump water heating	21-GP1-136
6/1/2021	Nicholas O'Neil, Energy 350	WSEC-C	C202, C405.13	UPS efficiency for computer rooms	21-GP1-137
6/1/2021	Nicholas O'Neil, Energy 350	WSEC-C	C202, C403.8.1, C403.8.1.1, C403.8.1.2, C503.4, C503.4.6, C403.3.5.1, C403.6.10, C403.12 ____	Fan Power Allowance tables	21-GP1-138
6/1/2021	Nicholas O'Neil, Energy 350	WSEC-C	C202, C403.3.4	Boiler Controls	21-GP1-139
6/1/2021	Dan Kirschner, NW Gas Association	WSEC-C	Table C406.1 and Sections C406.8 and C406.9	Efficiency	21-GP1-140
6/1/2021	Dan Kirschner, NW Gas Association	WSEC-C	Table C407.3(1)	Carbon Emissions	21-GP1-141
6/1/2021	Dan Kirschner, NW Gas Association	WSEC-C	Table C407.3(1)	Cost & Emissions Factors	21-GP1-142
6/1/2021	Daniel Salinas	WSEC-C	C405.4.2 (2)	Add note for Unfinished Spaces	21-GP1-144
6/1/2021	Mark Frankel, Ecotope	WSEC-C	C406.1	Additional efficiency	21-GP1-146
6/1/2021	Mark Frankel, Ecotope	WSEC-C	C403.1.1	Hot Water Coil Capacity	21-GP1-147
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C202	Definition Updates	21-GP1-148
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C402.1.5.1, C402.2, Table C402.1.3	General Updates	21-GP1-149
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C202, Table C402.1.3, Table C402.1.4	Mass Transfer Decks	21-GP1-150
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C503.3.1	Roof retrofit	21-GP1-151

6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C403.2.1, C403.4.1, C403.4.11.2, C403.4.11.3, C403.8.1, C403.9.2.2, C404.4, C411.2	General Mechanical updates	21-GP1-152
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C403.6.10	General Mechanical updates-HEVAV	21-GP1-153
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C403.3.2	General Mechanical updates Equip Re-org	21-GP1-154
6/1/2021	Howard Ahern, Airex MFG.	WSEC-C	C403.10.3.1	Protection of piping insulation	21-GP1-155
6/1/2021	Emily Salzberg, Dept of Commerce	WSEC-C	Table C407.3(1)	updated carbon emissions factor	21-GP1-156
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C202, Table C402.1.3(i)	Continuous insulation, Stainless steel penetrations	21-GP1-157
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C402.1.1.2	Semi-heated buildings definition	21-GP1-158
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C402.2.8 & 9 new sections	Thermal bridging concrete balconies and fenestration framing	21-GP1-159
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C402.1.4.3	PTAC U-factors	21-GP1-160
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	Table C402.4	Reduce fenestration U-values	21-GP1-161
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C402.5.7	No vestibules req'd for doors to outdoor dining	21-GP1-162
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.2.3	5 HP threshold for variable flow	21-GP1-163
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.3.2.4	Extend HP requirement from packaged to include split systems	21-GP1-164
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.3.5.1	60% enthalpy ERV required for DOAS, except R1/R2	21-GP1-165
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.3.7 new section	Hydronic system max flow in piping system	21-GP1-166
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.4.12 new section	PICV	21-GP1-167
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.7.1	DCV threshold moves from 25 to 15 occ/1000 sf	21-GP1-168
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.7.5	Clarify that "garage" ventilation include repair garages	21-GP1-169
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.7.6	Increase ERV effectiveness from 50% to 60%, except R1/R2	21-GP1-170
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.9.1	Set cooling tower condenser water max temp	21-GP1-171
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C403.11	Extend radiant heating req't to include unheated spaces	21-GP1-172
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	Table C404.3.1	Allow 8 feet of pipe length between circ pipe and lavatory, instead of just 1 or 2	21-GP1-173
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C404.6.1	Storage tank insulation for higher-temperature storage	21-GP1-174
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C404.7.1	Require thermostatic balancing valves and thermostatic mixing valves	21-GP1-175

6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C404.7.3.1	Pipe insulation 1" thicker on circulation system piping	21-GP1-176
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C404.11.1	Pool water heaters over 2000 gallons req'd to be heat pump	21-GP1-177
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C405.2	Require LLLC lighting or digital lighting control system for large open office areas.	21-GP1-178
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C405.7.1	Electrical receptacles at gas appliances	21-GP1-179
6/1/2021	Duane Jonlin, City of Seattle	WSEC-C	C503.6	Reduce threshold for LPA compliance from 50% to 20%	21-GP1-180
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C404.7.1, C404.7.1.1, C404.7.1.2	Circulation pump	21-GP1-182
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	Table C503.4	PTHP PTAC	21-GP1-183
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C403.5	PTHP Econo Exp for Group R1 and I1	21-GP1-184
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C403.5	Group R2 Exclusion for Econo Exp 1	21-GP1-185
6/1/2021	Mike Kennedy	WSEC-C	C403.8.1	DOAS Allowable fan motor horsepower	21-GP1-187
6/1/2021	Mike Kennedy	WSEC-C	C403.2.2, C406.6, C406.7	Over 150 pct Ventilation	21-GP1-188
6/1/2021	Mike Kennedy	WSEC-C	C403.3.5	DOAS Exception modifications	21-GP1-189
6/1/2021	Mike Kennedy	WSEC-C	C403.7.1	DCV	21-GP1-190
6/1/2021	Mike Kennedy	WSEC-C	C403.7.5	Garage Ventilation	21-GP1-191
6/1/2021	Mike Kennedy	WSEC-C	Table C404.2	Water Heater	21-GP1-192
6/1/2021	Mike Kennedy	WSEC-C	C412	COMPRESSED AIR	21-GP1-193
6/1/2021	Mike Kennedy	WSEC-C	C403.3.2.4, 403.4.1.1	Packaged electric heating and cooling equipment.	21-GP1-194
6/1/2021	Mike Kennedy	WSEC-C	C503.8	alterations, comply with C406	21-GP1-195
6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.4.2.2	Table cleanup	21-GP1-197
6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.5.3	Exterior Lighting	21-GP1-198
6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.2.6	Nonvisual lighting	21-GP1-199
6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.2.9	Footprint	21-GP1-200
6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.4.1	Connected power track	21-GP1-201
6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.2.7.3	Parking Occupancy	21-GP1-202

6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.4.2.2	Space by Space Method	21-GP1-203
6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.5.1	Exterior building grounds lighting	21-GP1-204
6/1/2021	Michael Myer, Pacific NW Ntl Lab	WSEC-C	C405.5.3	connected exterior lighting power	21-GP1-205
6/1/2021	Reid Hart, PNNL	WSEC-C	C403.4.11.1 & C406	HVAC applications	21-GP1-206
6/1/2021	Luke Howard, Dept of Commerce	WSEC-C	C402.1.3 footnote c & C402.1.4 footnote d	CMU Walls Table	21-GP1-207
6/1/2021	Luke Howard, Dept of Commerce	WSEC-C	C402.1.3 footnote c & C402.1.4 footnote d	Elimination of table	21-GP1-208
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C403.10.1.1, C403.10.2	General Mech Updates to Duct Insulation	21-GP1-209
6/1/2021	Aaron Whitlatch, Rushing	WSEC-C	C406.3	Reduced lighting dwelling units	21-GP1-210
6/1/2021	Aaron Whitlatch, Rushing	WSEC-C	C406.7	High performance dedicated outdoor air system (DOAS)	21-GP1-211
6/1/2021	Chris Little, Rushing	WSEC-C	C406.8 and C406.9	clarification of service water heat pump efficiencies	21-GP1-212
6/1/2021	Reginald Christor, Rushing	WSEC-C	C406.13	High performance temperature maintenance system	21-GP1-213
6/1/2021	Chris Little, Rushing	WSEC-C	C406.13	Drainwater heat recovery	21-GP1-214
6/1/2021	Chris Little, Rushing	WSEC-C	C406.13	High efficiency circulation systems	21-GP1-215
6/1/2021	Chris Little, Rushing	WSEC-C	C406.13	Efficient domestic hot water system distribution	21-GP1-216
6/1/2021	Anton Leitner, Rushing	WSEC-C	C406.13	Appendix M plumbing sizing for DCW/DHW	21-GP1-217
6/1/2021	Chris Little, Rushing	WSEC-C	C406.13	Low flow showerheads for R-1 and R-2 occupancies	21-GP1-218
6/1/2021	Chris Little, Rushing	WSEC-C	C406.13	Water harvesting systems	21-GP1-219
6/1/2021	Eric Vander Mey, Rushing	WSEC-C	C406.5	On-site renewable energy.	21-GP1-220
6/1/2021	Eric Vander Mey, Rushing	WSEC-C	C406	Building areas and occupancies	21-GP1-221
6/1/2021	Eric Vander Mey, Rushing	WSEC-C	C409.1	Source vs End use metering exceptions	21-GP1-222
6/1/2021	Aaron Tanner, Rushing	WSEC-C	C409.4.1 through C409.4.3	Consumption rate and display clarifications	21-GP1-223
6/1/2021	Aaron Whitlatch, Rushing	WSEC-C	C202	Definitions	21-GP1-224
6/1/2021	Aaron Whitlatch, Rushing	WSEC-C	C402.1.1.1	Low energy buildings	21-GP1-225
6/1/2021	Eric Vander Mey, Rushing	WSEC-C	C403.10.3	Refrigerant piping clarifications	21-GP1-226
6/1/2021	Eric Vander Mey, Rushing	WSEC-C	C403.4.11	DDC Controls	21-GP1-227
6/1/2021	Eric Vander Mey, Rushing	WSEC-C	C403.5 Exceptions 1 and 5	Airside Economizer	21-GP1-228
6/1/2021	Eric Vander Mey, Rushing	WSEC-C	C503.7.5.2	Parking garage vent controls	21-GP1-229
6/1/2021	Aaron Whitlatch, Rushing	WSEC-C	C406.1	Additional energy efficiency credit requirements	21-GP1-230
6/1/2021	Aaron Whitlatch, Rushing	WSEC-C	C406.1	Heat pump dryers	21-GP1-231
6/1/2021	Aaron Whitlatch, Rushing	WSEC-C	C406.1	Radiant heating and cooling	21-GP1-232

6/1/2021	Aaron Whitlatch, Rushing	WSEC-C	C406.1	Temp set points	21-GP1-233
6/1/2021	Nicholas O'Neil, Energy 350	WSEC-C	C202, C403	Data Center MLC Updates	21-GP1-235
6/1/2021	Nicholas O'Neil, Energy 350	WSEC-C	C403.7.7.1.3	Kitchen DCV	21-GP1-236
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C405.2.2.1, C405.2.5, C405.4.2.2.1, C405.5.2, C405.5.3, C405.9.2	General Lighting Updates	21-GP1-237
6/1/2021	Lisa Rosenow, Evergreen Technology Consulting	WSEC-C	C409.1.2, C409.4.4, C409.5	Lighting corrections/clarifications	21-GP1-238
6/1/2021	Henry Odum, Ecotope	WSEC-C	C403.3.5.5	DOAS Tempering	21-GP1-239
6/1/2021	Henry Odum, Ecotope	WSEC-C	C403.5.11 & C403.14	Operable Openings	21-GP1-240

*yellow highlight- awaiting updated proposals