

**Group 1 Code Change Proposals - 2018**  
**WSEC - Commercial**

\*eRule request or off cycle

‡Short Form

Returned for correction

| Date Received | Proponent              | Code   | Section                         | Log Number                      | Description   | TAG Action/<br>Recommendation                              | Committee Action | Council Action |
|---------------|------------------------|--------|---------------------------------|---------------------------------|---|--|------------------|----------------|
| 5/25/2018     | Eric Vander Mey        | WSEC‡  | C101.2                          | <a href="#">EG001-2018 (R)</a>  | Scope - Group R sleeping units                            | Approve 6/15/18  |                  |                |
| 5/18/2018     | Robby Oylear           | WSEC‡  | C103.6.1                        | <a href="#">EG002-2018</a>      | Record Documents  | WITHDRAWN BY PROPONENT                                     |                  |                |
| 5/25/2018     | Eric Vander Mey        | WSEC‡  | C103.6.1                        | <a href="#">EG003-2018</a>      | Record Documents  | <a href="#">Modified 6/15/18</a>                           |                  |                |
| 5/23/2018     | Mike Kennedy           | WSEC   | C403, C404, C406, C407          | <a href="#">EG004-2018</a>      | Renewable energy/site energy requirements                 |  |                  |                |
| 5/25/2018     | Nathan Miller, Rushing | WSEC‡  | C104.2.2                        | <a href="#">Env005-2018</a>     | Thermal envelope in core & shell                          | <a href="#">Modified 6/15/18</a>                           |                  |                |
| 5/25/2018     | Nathan Miller, Rushing | WSEC‡  | C202 Bldg Entrance              | <a href="#">Env006-2018</a>     | Def: building entrance                                    | <a href="#">Modified 6/15/18</a>                           |                  |                |
| 5/25/2018     | Nathan Miller, Rushing | WSEC‡  | C202 MTDS                       | <a href="#">Env007-2018</a>     | Def: Mass transfer slab edge                              | <a href="#">Modified 6/15/18</a>                           |                  |                |
| 5/25/2018     | Lisa Rosenow, NEEC     | WSEC‡  | C202 Roof                       | <a href="#">Env008-2018</a>     | Def: Single-rafter roof, roof assembly                    | <a href="#">Modified 6/15/18</a>                           |                  |                |
| 5/25/2018     | Duane Jonlin, Seattle  | WSEC‡  | C202, CI                        | <a href="#">Env009-2018</a>     | Def: continuous insulation                                | <a href="#">Modified 6/15/18</a>                           |                  |                |
| 5/25/2018     | Nathan Miller, Rushing | WSEC‡  | C303.1.5 NEW                    | <a href="#">Env010-2018</a>     | Defaults for spandrel panels                              | <a href="#">Approve 6/15 / Modified 6/29</a>               |                  |                |
| 5/25/2018     | Eric Makela, NBI       | WSEC   | C402.1, C402.2                  | <a href="#">Env011-2018</a>     | Thermal bridging  | Disapprove 6/15/18   |                  |                |
| 5/25/2018     | Lisa Rosenow, NEEC     | WSEC   | C402.1.1                        | <a href="#">Env012-2018</a>     | Greenhouses: heating                                      | Tabled to 7/13   |                  |                |
| 5/25/2018     | Lisa Rosenow, NEEC     | WSEC   | C402.1.1                        | <a href="#">Env-013-2018</a>    | Greenhouses: envelope                                     | Tabled to 7/13   |                  |                |
| 5/25/2018     | Lisa Rosenow, NEEC     | WSEC‡  | C402.1.1.2                      | <a href="#">Env014-2018 (R)</a> | Semi-heated bldg def/exception?                           | <a href="#">Modified 6/15/18</a>                           |                  |                |
| 5/25/2018     | Lisa Rosenow, NEEC     | WSEC‡  | C402.1.2                        | <a href="#">Env015-2018</a>     | Equipment building - Heat pump                            | Approve 6/15/18  |                  |                |
| 5/25/2018     | Nathan Miller, Rushing | WSEC‡  | C402.1.3 NEW                    | <a href="#">Env023-2018</a>     | Adds new section for elevator hoistway insulation         | Approve 6/15/18  |                  |                |
| 5/25/2018     | David Mann, ACC        | WSEC   | C402.1.3                        | <a href="#">Env016-2018</a>     | R-15+5 std framing  | Approve 6/29/18  |                  |                |
| 5/25/2018     | David Mann, ACC        | WSEC   | C402.1.3 & C402.1.4 above grade | <a href="#">Env017-2018</a>     | Add std framing values                                    | <a href="#">Modified 6/29/18</a>                           |                  |                |
| 5/25/2018     | Eric Lacey, RECA       | WSEC   | C402.1.3 & C402.1.4 above grade | <a href="#">Env018-2018 (R)</a> | Increased values for above grade walls                    | <a href="#">Modified 6/29/18</a>                           |                  |                |
| 5/25/2018     | David Mann, ACC        | WSEC   | C402.1.3 & C402.1.4 Mass        | <a href="#">Env019-2018</a>     | Increased to IECC levels                                  | Tabled   |                  |                |
| 5/25/2018     | David Mann, ACC        | WSEC   | C402.1.3 & C402.1.4 Mass 2      | <a href="#">Env020-2018</a>     | Mod of Mass wall FN c                                     | Tabled   |                  |                |
| 5/25/2018     | Tom Young, NWCMA       | WSEC   | C402.1.3 fn c                   | <a href="#">Env021-2018</a>     | Adds building types to FN c                               | Disapprove 6/129/18  |                  |                |
| 5/25/2018     | Tom Young, NWCMA       | WSEC   | C402.1.3 fn h                   | <a href="#">Env022-2018</a>     | Mod of FN h for stainless                                 | Disapprove 6/29/18   |                  |                |
| 5/25/2018     | Nathan Miller, Rushing | WSEC‡  | C402.1.3/C402.1.4               | <a href="#">Env024-2018</a>     | Adds values for transfer deck slab edge                   | <a href="#">Modified 6/29/18</a>                           |                  |                |
| 5/23/2018     | Mike Kennedy           | WSEC*‡ | C402.1.5                        | <a href="#">Env025-2018</a>     | corrects 2015 equation                                    | Approve for action (Check previous action on SHGC) 6/15/18 |                  |                |
| 5/23/2018     | Mike Kennedy           | WSEC‡  | C402.1.5                        | <a href="#">Env026-2018</a>     | Modification of equations                                 | Tabled   |                  |                |
| 5/25/2018     | Duane Jonlin, Seattle  | WSEC‡  | C402.1.5                        | <a href="#">Env027-2018 (R)</a> | Modification of equations                                 | Tabled   |                  |                |
| 5/25/2018     | Eric Vander Mey        | WSEC‡  | C402.1.5                        | <a href="#">Env028-2018</a>     | Adds Reference to C402.4.1.4, high performance mechanical | Approve for both 2015 and 2018                             |                  |                |
| 5/25/2018     | Lisa Rosenow, NEEC     | WSEC‡  | C402.1.5.1                      | <a href="#">Env029-2018</a>     | Adds Reference to C402.1.4.1, steel-framed walls          | Approve 6/29/18  |                  |                |
| 5/25/2018     | Eric Vander Mey        | WSEC‡  | C402.2.1                        | <a href="#">Env030-2018</a>     | Roof drains   | <a href="#">Modified 6/29/18</a>                           |                  |                |
| 5/25/2018     | Nathan Miller, Rushing | WSEC‡  | C402.2.1.1 NEW                  | <a href="#">Env031-2018</a>     | Rooftop HVAC curbs  | <a href="#">Modified 6/29/18</a>                           |                  |                |

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|-----------|----------------------------|------------------|--------------------|---------------------------------|--|----------------------------------|
| 5/25/2018 | Nathan Miller, Rushing     | WSEC‡            | C402.4 T area w    | <a href="#">Env032-2018</a>     | Add FN for area weighted calculations                  | Tabled                           |
| 5/25/2018 | Nathan Miller, Rushing     | WSEC‡            | C402.4 T orient    | <a href="#">Env033-2018</a>     | Add FN defining orientation                            | <a href="#">Modified 6/29/18</a> |
| 5/25/2018 | Eric Lacey, RECA           | WSEC             | C402.4 Table       | <a href="#">Env034-2018</a>     | Only fixed and operable; deletes metal/nonmetal        | Disapprove 6/29/18               |
| 5/25/2018 | Eric Makela, NBI           | WSEC             | C402.4 Table       | <a href="#">Env035-2018</a>     | Replaces current table; adds curtain wall & site built | Approve 6/29/18                  |
| 5/25/2018 | Dave Baylon, Ecotope       | WSEC‡            | C402.4.1.5 NEW     | <a href="#">Env036-2018</a>     | Unlimited glazing option                               | Disapprove 6/29/18               |
| 5/25/2018 | Lisa Rosenow, NEEC         | WSEC‡            | C402.4.1           | <a href="#">Env037-2018 (R)</a> | Addresses window to wall area                          | Approve 6/29/18                  |
| 5/23/2018 | Mike Kennedy               | WSEC             | C402.4.1.1         | <a href="#">Env038-2018</a>     | Increase % within daylight zone to 50%                 |                                  |
| 5/25/2018 | Lisa Rosenow, NEEC         | WSEC‡            | C402.4.1.1         | <a href="#">Env039-2018</a>     | Net floor area   |                                  |
| 5/25/2018 | Nathan Miller, Rushing     | WSEC‡            | C402.4.1.1         | <a href="#">Env040-2018</a>     | Visible transmittance                                  |                                  |
| 5/25/2018 | Eric Lacey, RECA           | WSEC             | C402.4.1.3         | <a href="#">Env041-2018</a>     | Removes framing types                                  |                                  |
| 5/25/2018 | Jon Heller, Ecotope        | WSEC‡ (Rev 6/22) | C402.4.1.4         | <a href="#">Env042-2018</a>     | Deletes high perf mechanical fenestration allowance    |                                  |
| 5/25/2018 | Neall Digert, Solutube     | WSEC             | C402.4.2           | <a href="#">Env043-2018</a>     | Tubular daylight devices                               |                                  |
| 5/25/2018 | Lisa Rosenow, NEEC         | WSEC‡            | C402.4.2           | <a href="#">Env044-2018</a>     | Minimum skylight area exception mod                    |                                  |
| 5/25/2018 | Louis Starr, NEEA          | WSEC             | C402.5.1.2         | <a href="#">Env045-2018</a>     | Tightens the air leakage testing                       |                                  |
| 5/25/2018 | Mike Fowler, PHNW          | WSEC             | C402.5.1.2, C406.9 | <a href="#">Env046-2018</a>     | Reduces leakage rate to 0.25                           |                                  |
| 5/18/2018 | Robby Oylear               | WSEC             | C402.5.7           | <a href="#">Env047-2018</a>     | Small building exception/vestibules                    |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C402.5.7           | <a href="#">Env048-2018</a>     | Exc. 4, smaller building areas                         |                                  |
| 5/25/2018 | Nathan Miller, Rushing     | WSEC‡            | C202 Mech Cooling  | <a href="#">EM049-2018</a>      | Def: mech cooling & heating                            |                                  |
| 5/25/2018 | Louis Starr, NEEA          | WSEC             | C403.1.1 NEW       | <a href="#">EM050-2018</a>      | Total system performance ratio                         |                                  |
| 5/25/2018 | Jeff Sloan, ASHRAE         | WSEC             | C403.1.3 NEW       | <a href="#">EM051-2018</a>      | ASHRAE for data centers                                |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.10.1          | <a href="#">EM052-2018</a>      | Cleanup of outdoor air req                             |                                  |
| 5/18/2018 | Robby Oylear               | WSEC             | C403.10.3          | <a href="#">EM053-2018</a>      | Pipe insulation  |                                  |
| 5/23/2018 | Mike Kennedy               | WSEC‡            | C403.2.1           | <a href="#">EM054-2018</a>      | Zone isolation   |                                  |
| 5/25/2018 | Jon Heller, Ecotope        | WSEC (Rev. 6/22) | C403.2.2           | <a href="#">EM055-2018</a>      | Ventilation with energy recovery                       |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.2.2 Ex 4      | <a href="#">EM056-2018</a>      | Ventilation with energy recovery                       |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.2.2 Ex 5      | <a href="#">EM057-2018</a>      | Ventilation with chilled beams                         |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.2.2.2         | <a href="#">EM058-2018</a>      | Exhaust rates  |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.3.2           | <a href="#">EM059-2018</a>      | Air to water heat pumps                                |                                  |
| 4/10/2018 | Keith Coursin, Desert Aire | WSEC             | C403.3.5           | <a href="#">EM060-2018</a>      | DOAS   |                                  |
| 5/24/2018 | Michael Baranick           | WSEC‡            | C403.3.5           | <a href="#">EM061-2018</a>      | DOAS building types                                    |                                  |
| 5/25/2018 | Jon Heller, Ecotope        | WSEC‡            | C403.3.5           | <a href="#">EM062-2018</a>      | DOAS building types                                    |                                  |
| 5/25/2018 | Jon Heller, Ecotope        | WSEC‡            | C403.3.5           | <a href="#">EM063-2018</a>      | DOAS air delivery                                      |                                  |
| 5/25/2018 | Duane Jonlin, Seattle      | WSEC‡            | C403.3.5.1         | <a href="#">EM064-2018</a>      | DOAS air flow rates                                    |                                  |
| 5/25/2018 | Jon Heller, Ecotope        | WSEC‡            | C403.3.5.1         | <a href="#">EM065-2018</a>      | DOAS Energy recovery                                   |                                  |
| 5/25/2018 | Jon Heller, Ecotope        | WSEC‡            | C403.3.5.4         | <a href="#">EM066-2018</a>      | DOAS supply air heating                                |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.4.1           | <a href="#">EM067-2018</a>      | DOAS thermostat controls                               |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.4.1.4         | <a href="#">EM068-2018</a>      | Conditioned vestibules                                 |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.4.1.6 NEW     | <a href="#">EM069-2018</a>      | Door HVAC control                                      |                                  |
| 5/25/2018 | Nick O'Neil                | WSEC             | C403.4.2.3         | <a href="#">EM070-2018 (R)</a>  | Auto start & stop controls                             |                                  |
| 5/25/2018 | Eric Vander Mey            | WSEC‡            | C403.4.2.4 NEW     | <a href="#">EM071-2018</a>      | Off hour controls - exhaust                            |                                  |
| 5/25/2018 | David Derse, Rushing       | WSEC‡            | C403.4.3.3.2       | <a href="#">EM072-2018</a>      | Heat rejection - cooling towers                        |                                  |
| 5/18/2018 | Robby Oylear               | WSEC             | C403.4.6           | <a href="#">EM073-2018</a>      | Variable flow control reset                            |                                  |
| 5/25/2018 | Barry Jostol               | WSEC             | C403.4.6           | <a href="#">EM074-2018</a>      | Variable flow control reset                            |                                  |

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| 5/25/2018 | Eric Vander Mey        | WSEC             | C403.4.7.1 NEW               | <a href="#">EM075-2018</a> | Controls, decorative appliances                                 |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C403.4.9, C403.4.10          | <a href="#">EM076-2018</a> | Deadband requirements   |                            |
| 5/24/2018 | Michael Baranick       | WSEC‡            | C403.5                       | <a href="#">EM077-2018</a> | Exc for natural ventilation                                     |                            |
| 5/24/2018 | Robby Oylear           | WSEC             | C403.5                       | <a href="#">EM078-2018</a> | Rewrite exception 9   |                            |
| 5/25/2018 | Reid Hart, PNNL        | WSEC‡            | C403.5                       | <a href="#">EM079-2018</a> | Revise economizer exceptions                                    |                            |
| 5/25/2018 | Jon Heller, Ecotope    | WSEC‡            | C403.5                       | <a href="#">EM080-2018</a> | Revise DOAS exception   |                            |
| 5/25/2018 | Reid Hart, PNNL        | WSEC‡            | C403.5.3.3                   | <a href="#">EM081-2018</a> | High limit values for cycling fans                              |                            |
| 5/25/2018 | Jon Heller, Ecotope    | WSEC‡            | C403.6.1                     | <a href="#">EM082-2018</a> | VAV systems   |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C403.6.10                    | <a href="#">EM083-2018</a> | HE VAV systems  |                            |
| 5/25/2018 | Jon Heller, Ecotope    | WSEC‡            | C403.7.1                     | <a href="#">EM084-2018</a> | DCV & DOAS  |                            |
| 5/25/2018 | Michael Baranick       | WSEC (Rev. 6/22) | C403.7.2                     | <a href="#">EM085-2018</a> | Occupancy sensors & DOAS  |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C403.7.2                     | <a href="#">EM086-2018</a> | Occupancy sensor controls                                       |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C403.7.2 Exc                 | <a href="#">EM087-2018</a> | Occ Sensors - exc to maintain ventilation during occupied hours |                            |
| 5/7/2018  | Mike Moore HVI         | WSEC             | C403.7.7.1                   | <a href="#">EM088-2018</a> | Energy recovery for all Group R                                 |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C403.7.7.1                   | <a href="#">EM089-2018</a> | ERV - remove ex 5   |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C403.7.8                     | <a href="#">EM090-2018</a> | Transfer air  |                            |
| 5/18/2018 | Robby Oylear           | WSEC             | C403.7.9                     | <a href="#">EM091-2018</a> | Shutoff dampers   |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C403.7.9                     | <a href="#">EM092-2018</a> | Shutoff dampers   |                            |
| 5/18/2018 | Robby Oylear           | WSEC‡            | C403.8.1                     | <a href="#">EM093-2018</a> | Fan power in existing bldg mods                                 |                            |
| 5/22/2018 | Robby Oylear           | WSEC             | C403.8.1                     | <a href="#">EM094-2018</a> | DOAS/Terminal units   |                            |
| 5/19/2018 | Robby Oylear           | WSEC             | C403.8.1(2) T                | <a href="#">EM095-2018</a> | Static air mixers   |                            |
| 5/24/2018 | Michael Baranick       | WSEC‡            | C403.8.1(2) T                | <a href="#">EM096-2018</a> | Pressure drop adjustment  |                            |
| 5/25/2018 | Eric Makela, NBI       | WSEC             | C403.8.4                     | <a href="#">EM097-2018</a> | Res fan efficacy  |                            |
| 5/25/2018 | Duane Jonlin, Seattle  | WSEC             | C403.8.5.1 T                 | <a href="#">EM098-2018</a> | DX cooling systems  |                            |
| 5/25/2018 | Robby Oylear           | WSEC             | C403.9.8, C403.7.7, C403.5   | <a href="#">EM099-2018</a> | Heat recovery chillers  |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C404.13 NEW                  | <a href="#">EW100-2018</a> | Water pressure booster systems                                  |                            |
| 5/25/2018 | Eric Makela, NBI       | WSEC             | C404.2.1                     | <a href="#">EW101-2018</a> | Service water heating   |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C202 Public Lav              | <a href="#">EW102-2018</a> | Def: Public lavatory  |                            |
| 5/25/2018 | Eric Makela, NBI       | WSEC‡            | C404.3.1 T                   | <a href="#">EW103-2018</a> | Pipe Length   |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C404.4                       | <a href="#">EW104-2018</a> | Heat traps  |                            |
| 4/4/2018  | Eric Vander Mey        | WSEC*‡           | C404.6                       | <a href="#">EW105-2018</a> | Final pipe run exception  | Approve for action 6/15/18 |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C404.6 (Duplicate-- see 008) | <a href="#">EW107-2018</a> | Final pipe run exception  |                            |
| 5/25/2018 | Susanne Brown, Ecotope | WSEC             | C404.6                       | <a href="#">EW106-2018</a> | Thermal bridging/pipe insulation                                |                            |
| 5/25/2018 | Susanne Brown, Ecotope | WSEC             | C404.7.1                     | <a href="#">EW108-2018</a> | Demand based water recirculation systems                        |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C404.7.1                     | <a href="#">EW109-2018</a> | Heated water circulation systems                                |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C404.9                       | <a href="#">EW110-2018</a> | Hot water meters  |                            |
| 5/25/2018 | Eric Makela, NBI       | WSEC             | C405.1                       | <a href="#">EL111-2018</a> | High efficacy lamps - residential                               |                            |
| 5/25/2018 | Eric Vander Mey        | WSEC‡            | C405.1                       | <a href="#">EL112-2018</a> | Residential lighting  |                            |
| 5/25/2018 | Mike Kennedy           | WSEC             | C405.2                       | <a href="#">EL113-2018</a> | Lighting controls - 90.1  |                            |
| 5/22/2018 | Andrew Pultorak, PSE   | WSEC             | C405.2 C202‡                 | <a href="#">EL114-2018</a> | LLLC  |                            |
| 5/25/2018 | Duane Jonlin, Seattle  | WSEC‡            | C405.2.2.1                   | <a href="#">EL115-2018</a> | Controls correction   |                            |
| 5/25/2015 | Duane Jonlin, Seattle  | WSEC‡            | C405.2.4                     | <a href="#">EL116-2015</a> | Daylight responsive controls                                    |                            |
| 5/25/2018 | CJ Brockway            | WSEC             | C405.2.7.2                   | <a href="#">EL117-2018</a> | Decorative lighting   |                            |
| 5/25/2018 | CJ Brockway            | WSEC             | C405.4.1                     | <a href="#">EL118-2018</a> | Total connected lighting power                                  |                            |
| 5/25/2018 | Mike Kennedy           | WSEC             | C405.4.2                     | <a href="#">EL119-2018</a> | Interior lighting power   |                            |

|           |                         |                  |                        |                                |  |                                  |
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| 5/21/2018 | Maris Avots             | WSEC             | C405.4.2(2) T          | <a href="#">EL120-2018</a>     | Space by space - hair & beauty salons                  |                                  |
| 5/25/2018 | Duane Jonlin, Seattle   | WSEC†            | C405.4.2(2) T          | <a href="#">EL121-2018</a>     | Interior lighting power allowance                      |                                  |
| 5/25/2018 | Eric Makela, NBI        | WSEC             | C405.5.1               | <a href="#">EL122-2018</a>     | High efficacy lamps - exterior                         |                                  |
| 5/25/2018 | Eric Vander Mey         | WSEC†            | C405.7                 | <a href="#">EL123-2018</a>     | Dwelling unit meters                                   |                                  |
| 5/25/2018 | Eric Vander Mey         | WSEC†            | C405.8                 | <a href="#">EL124-2018</a>     | Electric motor efficiency                              |                                  |
| 5/25/2018 | Eric Makela, NBI        | WSEC             | C406                   | <a href="#">EO125-2018</a>     | Options package table                                  |                                  |
| 5/25/2018 | Lisa Rosenow, NEEC      | WSEC (Rev. 6/25) | C406.1                 | <a href="#">EO126-2018</a>     | Options package clarifications                         |                                  |
| 5/25/2018 | Nick O'Neil             | WSEC             | C406.10 NEW            | <a href="#">EO127-2018</a>     | Enhanced kitchen equipment                             |                                  |
| 5/25/2018 | Jon Heller, Ecotope     | WSEC†            | C406.10 NEW            | <a href="#">EO128-2018 (R)</a> | High performance DOAS                                  |                                  |
| 5/25/2018 | Eric Vander Mey         | WSEC             | C406.10 NEW            | <a href="#">EO129-2018</a>     | Additional metering                                    |                                  |
| 5/25/2018 | Jon Heller, Ecotope     | WSEC†            | C406.11 NEW            | <a href="#">EO130-2018 (R)</a> | High performance service water heating - multifamily   |                                  |
| 5/25/2018 | Ronald Blasser          | WSEC             | C406.11 NEW            | <a href="#">EO131-2018</a>     | Smart monitoring                                       |                                  |
| 5/25/2018 | Susanne Brown, Ecotope  | WSEC             | C406.12 NEW            | <a href="#">EO132-2018 (R)</a> | Water system loss reduction                            |                                  |
| 5/25/2018 | Lisa Rosenow, NEEC      | WSEC†            | C406.2                 | <a href="#">EO133-2018</a>     | HVAC & fan performance                                 |                                  |
| 5/25/2018 | Barry Jostol            | WSEC             | C406.2.2               | <a href="#">EO134-2018</a>     | Min. efficiency - boilers                              |                                  |
| 5/25/2018 | Eric Vander Mey         | WSEC†            | C406.3.2               | <a href="#">EO135-2018</a>     | Lamp fraction  |                                  |
| 5/25/2018 | Reid Hart, PNNL         | WSEC†            | C406.4                 | <a href="#">EO136-2018</a>     | Enhanced controls - daylighting                        |                                  |
| 5/25/2018 | Reid Hart, PNNL         | WSEC†            | C406.4                 | <a href="#">EO137-2018</a>     | Enhanced controls - LLLC                               |                                  |
| 5/25/2018 | Jon Heller, Ecotope     | WSEC†            | C406.6                 | <a href="#">EO138-2018</a>     | Eliminates DOAS option for those required to meet DOAS |                                  |
| 5/25/2018 | Eric Vander Mey         | WSEC†            | C406.7                 | <a href="#">EO139-2018</a>     | Clarification of water heating option                  |                                  |
| 5/25/2018 | Tom Young, NWCMA        | WSEC             | C401.2                 | <a href="#">EP140-2018</a>     | Add ASHRAE App G as alt compliance path                |                                  |
| 5/25/2018 | Michael Rosenberg, PNNL | WSEC (Rev. 2/28) | C407                   | <a href="#">EP141-2018</a>     | Adopt App G in place of C407                           | Tabled 6/29/18                   |
| 5/25/2018 | Nathan Miller, Rushing  | WSEC†            | C407                   | <a href="#">EP142-2018</a>     | Placeholder C407                                       | WITHDRAWN BY PROPONENT           |
| 5/23/2018 | Mike Kennedy            | WSEC             | C407.3                 | <a href="#">EP143-2018</a>     | Limits envelope reduction                              | Approve 6/29/18                  |
| 5/25/2018 | Eric Lacey, RECA        | WSEC             | C407.3                 | <a href="#">EP144-2018</a>     | Limitation on amount of on-site production credit      | <a href="#">Modified 6/29/18</a> |
| 5/25/2018 | David Mann, ACC         | WSEC             | C407.4.2               | <a href="#">EP145-2018</a>     | Limitation on amount of on-site production credit      |                                  |
| 5/25/2018 | Treasa Sweek            | WSEC             | C202                   | <a href="#">EC146-2018</a>     | Modifies def. of bldg cx & certified cx professional   |                                  |
| 5/25/2018 | Treasa Sweek            | WSEC             | C403, C404, C405, C409 | <a href="#">EC147-2018</a>     | Reinstates pointer sections                            |                                  |
| 5/25/2018 | Treasa Sweek            | WSEC             | C408, C103.6.2         | <a href="#">EC148-2018</a>     | Process changes  |                                  |
| 5/25/2018 | Treasa Sweek            | WSEC             | C408, C104.2.6         | <a href="#">EC149-2018</a>     | Enforcement modifications                              |                                  |
| 5/25/2018 | Treasa Sweek            | WSEC             | C408.1, C410, C501.7   | <a href="#">EC150-2018</a>     | Increases scope of requirements                        |                                  |
| 5/25/2018 | David Derse, Rushing    | WSEC†            | C408.1.4.2             | <a href="#">EC151-2018</a>     | Phased acceptance                                      |                                  |
| 5/18/2018 | Robby Oylear            | WSEC†            | C408.2                 | <a href="#">EC152-2018</a>     | Mechanical equip capacity clarification                |                                  |
| 5/25/2018 | David Derse, Rushing    | WSEC†            | C408.2.2               | <a href="#">EC153-2018</a>     | Balancing & adjusting certification                    |                                  |
| 5/25/2018 | Eric Vander Mey         | WSEC†            | C409.1.3 NEW           | <a href="#">E154-2018</a>      | Reference to dwelling meter requirements               |                                  |
| 5/25/2018 | Michael Baranick        | WSEC (Rev 6/22)  | C409.3                 | <a href="#">E155-2018</a>      | Add requirements from seattle code                     |                                  |
| 5/25/2018 | Eric Vander Mey         | WSEC†            | C409.3, C409.4.3       | <a href="#">E156-2018</a>      | Minor load exclusion                                   |                                  |

|           |                       |                  |                        |                               |                                  |
|-----------|-----------------------|------------------|------------------------|-------------------------------|----------------------------------|
| 5/25/2018 | Eric Vander Mey       | WSEC             | C409.3.3 NEW           | <a href="#">E157-2018</a>     | Vehicle charging stations        |
| 5/25/2018 | Duane Jonlin, Seattle | WSEC‡            | C410.2.1               | <a href="#">E158-2018</a>     | Glass insulation - walk-ins      |
| 5/25/2018 | Amy Wheeless          | WSEC             | C411 NEW               | <a href="#">E159-2018</a>     | solar readiness                  |
| 5/25/2018 | Lisa Rosenow, NEEC    | WSEC‡            | C501.4.1               | <a href="#">E160-2018 (R)</a> | Calculation of loads             |
| 5/25/2018 | Lisa Rosenow, NEEC    | WSEC (Rev. 6/27) | C501.4.2               | <a href="#">E161-2018</a>     | Envelope compliance              |
| 5/25/2018 | Lisa Rosenow, NEEC    | WSEC‡            | C502.2, C503.2, C505.1 | <a href="#">E162-2018</a>     | Envelope compliance              |
| 5/25/2018 | Lisa Rosenow, NEEC    | WSEC‡            | C502.2.2               | <a href="#">E163-2018</a>     | Skylight area                    |
| 5/25/2018 | Michael Baranick      | WSEC (Rev 6/22)  | C502.2.3               | <a href="#">E164-2018</a>     | Small additions exempt from DOAS |
| 5/25/2018 | Lisa Rosenow, NEEC    | WSEC‡            | C503.1, C503.4         | <a href="#">E165-2018</a>     | Mechanical alterations           |
| 5/25/2018 | Lisa Rosenow, NEEC    | WSEC‡            | C503.3.2.1, C504.2     | <a href="#">E166-2018</a>     | Replacement fenestration         |
| 5/18/2018 | Robby Oylear          | WSEC‡            | C503.4                 | <a href="#">E167-2018</a>     | Mechanical alteration fix        |
| 5/25/2018 | Michael Baranick      | WSEC             | C503.4                 | <a href="#">E168-2018</a>     | Fan power exception              |
| 5/25/2018 | Lisa Rosenow, NEEC    | WSEC‡            | C503.4 T               | <a href="#">E169-2018</a>     | Update Economizer table          |
| 5/25/2018 | Lisa Rosenow, NEEC    | WSEC‡            | C503.6                 | <a href="#">E170-2018</a>     | Lighting alterations             |
| 5/25/2018 | Mike Fowler           | WSEC             | App E NEW              | <a href="#">E171-2018</a>     | Outcome based compliance         |