Attachment C: Current U.S. Benchmarking and Transparency Ordinances



Comparison of U.S. Commercial Building Energy Benchmarking and Transparency Policies

| 2 | Legislation | Public Data Avallable | | | | Buildings Included | Policy Schedule | | Compliance | | Additional Elements | |
|-----------------|----------------------------|--------------------------|--------------------|-------------------|--------------------|---|--|---|----------------------|--------------------|---------------------|--|
| | Jurisdiction | Released | Number of Bldgs | Square Footage | Energy Savings | Types & Sizes | Reporting to Gov't | Transparency | By # of Buildings | By % of Sq. Ft. | Water Tracking | Other Requirements |
| | Atlenta | | 2,900 | 402 million | | Comm & MF ≥ 25K | Jun 1, 2017 | (if Energy Star >55) Sept 2018 | | | 1 | Audits every 10 years |
| | Austin. | | 2,800 | 113 million | 11. | Comm ≥ 10K MF ≥ 5 units | Jun 1, Annual | Time of transaction | | | | Audits & mandatory upgrades for high energy use MF buildings |
| | Berkeley | | 257 | 13.7 million | | Comm & MF ≥ 50K Comm & MF ≥ 25K | July 1, 2018 July 1, 2019 | TBD TBD | 100 | | 1 | Periodic/time of sale energy reports for all buildings (timing based on size) |
| | Boston | <u>Yes</u> | 1,600 | 250 million | | Comm ≥ 35K MF ≥ 35K/35 units | May 15, Annual | Oct 1, Annual | | 84% (2014) | 1 | Periodic energy assessments and/or actions |
| | Boulder | | 475 | 26 million | | Comm ≥ 50K New Comm≥ 10K Comm ≥ 30K Comm ≥ 20K | Aug 1, 2016 Aug 1, 2016 Jun 1, 2018 Jun 1, 2020 | >Jun 1, 2019 >Jun 1, 2019 >Jun 1, 2021 >Jun 1, 2023 | 100% (2016) | 100% (2016) | | Lighting upgrade; audits & RCx every 10 yrs (must invest in RCx measures w/ ≤2yr payback) |
| | Cambridge | <u>Yes</u> | 1,100 | 78 million | | Comm ≥ 50K MF ≥ 50 units | May 1, Annual | Sept 1, Annual | 95% (2015) | 93.5% (2014) | * | |
| | Chlosgo | <u>Yes</u> | 3,500 | 900 million | 10% (2010-15) | Comm ≥ 50K MF ≥ 50K | Jun 1, Annual | >Jun 1, Annual | 84% (2014) | 92% (2014) | | Data verification by licensed professional 1st year & every 3 years |
| | Denver | | 3,000 | 360 million | | Comm & MF ≥ 25K | Jun 1, Annual | TBD | | | | |
| | District of Columbia | Yes | 2,000 | 357 million | 9% (2010-13) | Comm ≥ 50K MF ≥ 50K | Apr 1, Annual | >Apr 1, Annual | 83% (2013) | 7.7 | 1 | |
| | Evanston, L. | | 557 | 45.6 million | | Comm & MF ≥100K Comm & MF ≥ 50K Comm & MF ≥ 20K | Jun 30, 2017 Jun 30, 2018 Jun 30, 2019 | TBD | | | 1 | Data verification by a certified professional 1st year and every 3 years |
| | Kansas City | Yes | ~1,500 | ~400 million | | Comm & MF ≥100K Comm & MF ≥ 50K | May 1, 2017 May 1, 2018 | Sept 1, 2018 Sept 1, 2019 | | | 1 | |
| Cities/Counties | Los Angeles | - Allerto | 14,000 | 900 million | | Comm & MF ≥100 K Comm & MF ≥ 50 K Comm & MF ≥ 20 K | Jul 1, 2017 Apr 1, 2018 Apr 1, 2019 | ТВО | | | | ASHRAE level II audit and RCx every 5 years |
| Citie | Minneapolis | <u>Yes</u> | 625 | 110 million | | Comm ≥ 50K | Jun 1, Annual | Aug 31, Annual | 87% (2013) | | 1 | |
| | Montgomery Co., MD | <u>Yes</u> | ~1,000 | ~110 million | | Comm ≥ 50K | June 1, Annual | Oct, Annual | ~75% (2015) | | | Data verification by licensed professional 1st year & every 3 years |
| | New York City | Yes | 33,417 | 2.8 billion | 6-14% (2010-14) | Comm & MF ≥ 50K Comm & MF ≥ 25K | May 1, Annual May 1, 2018 | Sept 1, Annual Anticipated >2018 | 84% (2012) | 84% (2012) | 1 | Audits & RCx (LL 87), lighting upgrades & submetering (LL 88) |
| | Orlando | | 826 | 125.6 million | | Comm & MF ≥ 50K | May 1, 2018 | Sep 1, 2019 | | | | Energy audit or RCx every five years if ENERGY STAR <50. Benchmarking by qualified benchmarker |
| | Philadelphia | Yes | 2,900 | 390 million | | Comm ≥ 50K MF ≥ 50K | Jun 30, Annual Jun 30, 2016 | >Jun 30, Annual >Jun 30, 2017 | 91% (2014) | 91% (2014) | 1 | |
| | Pittsburgh | | 861 | 164 million | 7 | Comm ≥ 50K | June 1, 2018 | >Jun 1, Annual | - | 4. | 1 | |
| fie | Portland, ME | | 284 | - | | Comm ≥ 20K MF ≥ 50 units | May 1, 2018 | Sept 1, 2019 | 2 | - | 1 | |
| | Portland, OR | <u>Yes</u> | 1,024 | 87 million | | Comm ≥ 20K | Apr 22, Annual | Oct 1, Annual | - | 82% (2015) | - 1 | |
| 114 | Salt Lake City | | | | | Comm ≥ 50K Comm ≥ 25K | May 1, 2019 May 1, 2020 | Sept 1, 2019 Sept 1, 2020 | - | | - | Tune-ups every 5 years |
| | San Francisco | Commercial Municipal | 2,312 | 203 million | 7.9% (2010-14) | Comm ≥ 10K | Apr 1, Annual | >Apr 1, Annual | - | 82% (2013) | | ASHRAE level I/II audits or RCx every 5 years |
| | Seattle | Yes | 3,352 | 323 million | 3.7% (2014-16) | Comm & MF ≥ 20K | Apr 1, Annual | <dec 31,="" annual<="" td=""><td>99.2% (2013)</td><td>99.4% (2013)</td><td></td><td>Tune-ups every 5 years for Comm ≥50K</td></dec> | 99.2% (2013) | 99.4% (2013) | | Tune-ups every 5 years for Comm ≥50K |
| | South Portland, ME | | * | | | Comm≥5K MF≥10 units | May 1, Annual | TBD | | - | 1 | Verification every 5 years by professional engineer |
| | St. Louis | | 900 | 143 million | | Comm & MF ≥ 50K | Apr 1, Annual | Aug 1, Annual | | | 1 | |
| 9 | California | | 20,573 | 2.4 billion | 113 | Comm ≥ 50K MF ≥ 50k | June 1, 2018 June 1, 2019 | TBD | | 1.0 | | Mandatory upgrades TBD under AB 758 |
| States | New Jersey | | | | | Comm ≥ 25K | TBD | TBD | | | | |
| | <u>Washington</u> State | | 4,600 | 247 million | | Comm ≥ 10K | None | Time of transaction | | | * | Audits for public buildings with low ratings |