

DOCKETED

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| Description: | CEC statement accompany SB350 2030 EE Savings Doubling Goal Workbook |
| Filer: | Raquel Kravitz |
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CEC statement to accompany SB 350 2030 EE Savings Doubling Goal Workbook

Senate Bill 350, the Clean Energy and Pollution Reduction Act of 2015 (de León, Chapter 547, Statutes of 2015) (SB 350) directs the Energy Commission to, by November 2017, establish annual targets that will achieve a doubling of statewide energy efficiency (EE) savings by 2030, so long as doing so is cost-effective, feasible, and “will not adversely impact public health and safety.” The Energy Commission staff paper, *Framework for Establishing the Senate Bill 350 Energy Efficiency Savings Doubling Targets* (Docket # 17-IEPR-06, TN 215437), proposed that Energy Commission staff would, in a public process, propose sectoral EE savings targets based on cost-effective and feasibility evaluations. These sectoral EE savings targets will be discussed in a workshop in summer 2017 and will be considered for adoption by the Energy Commission on or before November 1, 2017. The *Framework* paper proposed that these sectoral targets be updated biennially to reflect changes in cost-effective and feasible EE potential over time through the Integrated Energy Policy Report (IEPR) process. The *Framework* paper further proposed that the Energy Commission also consider for adoption on or before November 1, 2017 a goal of doubling EE savings by 2030; this goal would not be updated in future IEPRs. The *Framework* paper proposed that this goal would be in accordance with direction from the statute, based on a doubling of the mid-case Additional Achievable Energy Efficiency (AAEE) from the *California Energy Demand Updated Forecast, 2015–2025*¹, extended to 2030 using an average annual growth rate. This workbook contains the 2014 AAEE and 2013 publically owned utility (POU) goal².

In the Energy Commission *Framework* staff paper, staff indicated that adjustments were needed to the 2014 AAEE energy savings published in the *California Energy Demand Updated Forecast, 2015–2025*. (pp 5,13.) After closer review, Energy Commission staff determined that changes to these 2014 AAEE energy savings were not needed. Although updates and improvements have been made since 2014 to the CPUC’s potential and goals model used to derive the 2014 AAEE energy savings estimates, SB 350 explicitly references the 2014 AAEE numbers published in the *California Energy Demand Updated Forecast, 2015–2025*. For this reason, the Energy Commission intends to use the 2014 AAEE energy savings numbers, without subsequent adjustments, and the 2013 POU energy savings goals, to establish the statewide annual doubling targets.

The docketed workbook named “SB 350 EE Targets_baseline savings & doubling_GWh_MMtherms_04132017_4docket” includes the 2014 AAEE and the 2013 POU goals. This workbook also documents how the statewide annual doubling targets are calculated, and includes these targets expressed in site GWh, MW, MM Therms, and Quad Btus. The following pages are printouts of the docketed workbook.

¹ California Energy Commission, December 2014.

<http://www.energy.ca.gov/2014publications/CEC-200-2014-009/CEC-200-2014-009-SD.pdf>

² Energy Efficiency in California’s Public Power Sector, March 2013.

<http://www.ncpa.com/wp-content/uploads/2015/02/FINALv3-SB-1037-AB-2021-Report-Appendices3.pdf>

1 PURPOSE

The purpose of this workbook is to publish a draft of the goal of doubling energy efficiency (EE) savings by 2030. SB 350 calls upon the Energy Commission to establish a goal of doubling EE savings by 2030, extended to 2030 using an average annual growth rate. As a basis for calculating this goal, SB 350 directs the Energy Commission to double the mid-case AAEE found in the CED 2014. This workbook contains the 2014 AAEE & 2013 POU energy efficiency goals that will be used as the baseline for the SB 350 2030 energy efficiency savings doubling goal. The electricity and natural gas efficiency savings in the 2014 CED are doubled, to establish annual energy savings targets from 2018-2030. These GWh and Therm saving targets are then converted to site Quad BTU savings. As laid out in the January 2017 Staff Draft Implementation Framework Paper, the Energy Commission will establish sectoral energy efficiency targets based on cost effective and feasibility evaluations--the sum of these savings targets will be compared against the 2030 EE savings doubling goal found in this workbook. While the sectoral targets may change over time, based on changing conditions, the goal of doubling EE savings by 2030 found in this workbook should not.

2 SCOPE

- a 2014 AAEE from CPUC energy efficiency ratepayer funded programs, State and Federal Appliance Standards, and State Building Energy Efficiency Standards
- b 2013 POU energy efficiency goals

3 WORKSHEET CONTENTS/OBJECTIVE

- a worksheet "**2014AAEE**" is the source for projections used to establish the portion of the statewide target as required by the SB 350 legislation
- b worksheet "**POU2013Goals**" is the source for projections used to establish the portion of the statewide target as required by the SB 350 legislation
- c worksheet "**Doubling Targets**" calculates the statewide SB 350 energy saving targets in GWh, MM Therms, site Quad BTU, and source GHG. Two different assumptions are included for the average annual growth rate used to extend the savings from 2025 to 2030. The 3% growth rate is what was explained in the January 2017 Framework paper. The second assumption uses a growth rate consistent with the trend line of the 2015-2025 savings series.

SB 350 2030 EE Savings Doubling Goal
CEDU 2014 mid-case AAEE X2 extended to 2030

- d Chart "Electricity Doubled EE" illustrates the total site electricity savings estimated from the SB 350 targets, using two different growth rates from 2025 to 2030 - current Energy Commission proposal is to use the growth rate corresponding to the trend line of the 2013-14 AAEE & POU savings

- e Chart "Natural Gas Doubled EE" illustrates the total site gas savings estimated from the SB 350 targets, using two different growth rates from 2025 to 2030 - current Energy Commission proposal is to use the growth rate corresponding to the trend line of the 2013-14 AAEE & POU savings

- f Chart "BTU Doubled EE" illustrates the total site BTU savings estimated from the SB 350 targets, using two different growth rates from 2025 to 2030 - current Energy Commission proposal is to use the growth rate corresponding to the trend line of the 2013-14 AAEE & POU savings

Date: April 4, 2017

Compilers of Data: Mike Jaske & Martha Brook

Additional Achievable Energy Efficiency Savings For Sum of IOU Service Territories
California Energy Demand Updated Forecast, 2015-2025, Mid Savings Scenario (non-coincident, no losses)

| Program Category | Type | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|------------------------|--------------------------------|----------|------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Emerging Technologies | Peak (MW) | - | - | 9 | 24 | 48 | 80 | 122 | 179 | 256 | 347 | 455 | 581 | 739 |
| Other Program Measures | Peak (MW) | - | - | 229 | 459 | 679 | 836 | 1,011 | 1,132 | 1,268 | 1,413 | 1,600 | 1,785 | 1,986 |
| Appliance Standards | Peak (MW) | - | - | 193 | 457 | 682 | 934 | 1,143 | 1,353 | 1,554 | 1,752 | 1,938 | 2,115 | 2,301 |
| Building Standards | Peak (MW) | - | - | - | - | 6 | 23 | 40 | 64 | 96 | 126 | 157 | 189 | 227 |
| Total Savings | Peak (MW) | - | - | 431 | 940 | 1,416 | 1,872 | 2,317 | 2,728 | 3,173 | 3,638 | 4,150 | 4,670 | 5,253 |
| Emerging Technologies | Energy (GWh) | - | - | 101 | 234 | 405 | 608 | 860 | 1,187 | 1,692 | 2,189 | 2,771 | 3,426 | 4,222 |
| Other Program Measures | Energy (GWh) | - | 24 | 1,317 | 2,599 | 3,790 | 4,566 | 5,460 | 6,088 | 6,802 | 7,637 | 8,600 | 9,539 | 10,550 |
| Appliance Standards | Energy (GWh) | - | 376 | 918 | 1,780 | 2,584 | 3,406 | 4,176 | 4,917 | 5,502 | 6,043 | 6,523 | 6,958 | 7,397 |
| Building Standards | Energy (GWh) | - | - | - | - | 11 | 48 | 85 | 134 | 204 | 273 | 345 | 432 | 538 |
| Total Savings | Energy (GWh) | workshee | 400 | 2,337 | 4,613 | 6,789 | 8,628 | 10,581 | 12,327 | 14,200 | 16,142 | 18,240 | 20,354 | 22,707 |
| Emerging Technologies | Natural Gas (MM Therms) | - | - | 0 | 1 | 2 | 5 | 8 | 12 | 18 | 25 | 32 | 42 | 54 |
| Other Program Measures | Natural Gas (MM Therms) | - | 1 | 29 | 56 | 83 | 112 | 143 | 170 | 200 | 230 | 259 | 288 | 320 |
| Appliance Standards | Natural Gas (MM Therms) | - | (6) | (8) | (7) | (7) | (4) | 1 | 6 | 11 | 15 | 19 | 22 | 27 |
| Building Standards | Natural Gas (MM Therms) | - | - | - | - | 0 | 1 | 3 | 4 | 6 | 8 | 10 | 13 | 15 |
| Total Savings | Natural Gas (MM Therms) | - | (4) | 21 | 50 | 78 | 114 | 154 | 193 | 235 | 277 | 321 | 365 | 416 |

Note:
 2014 AAEE also documented here: [CEC-200-2014-009-CMF, pg. 44, Table 26: AAEE Savings by Utility, Mid AAEE Scenario](#)

SB 350 2030 EE Savings Doubling Goal
CEDU 2014 mid-case AAEE X2 extended to 2030

All POU's - Annual Targets (MWh), 2014 - 2023

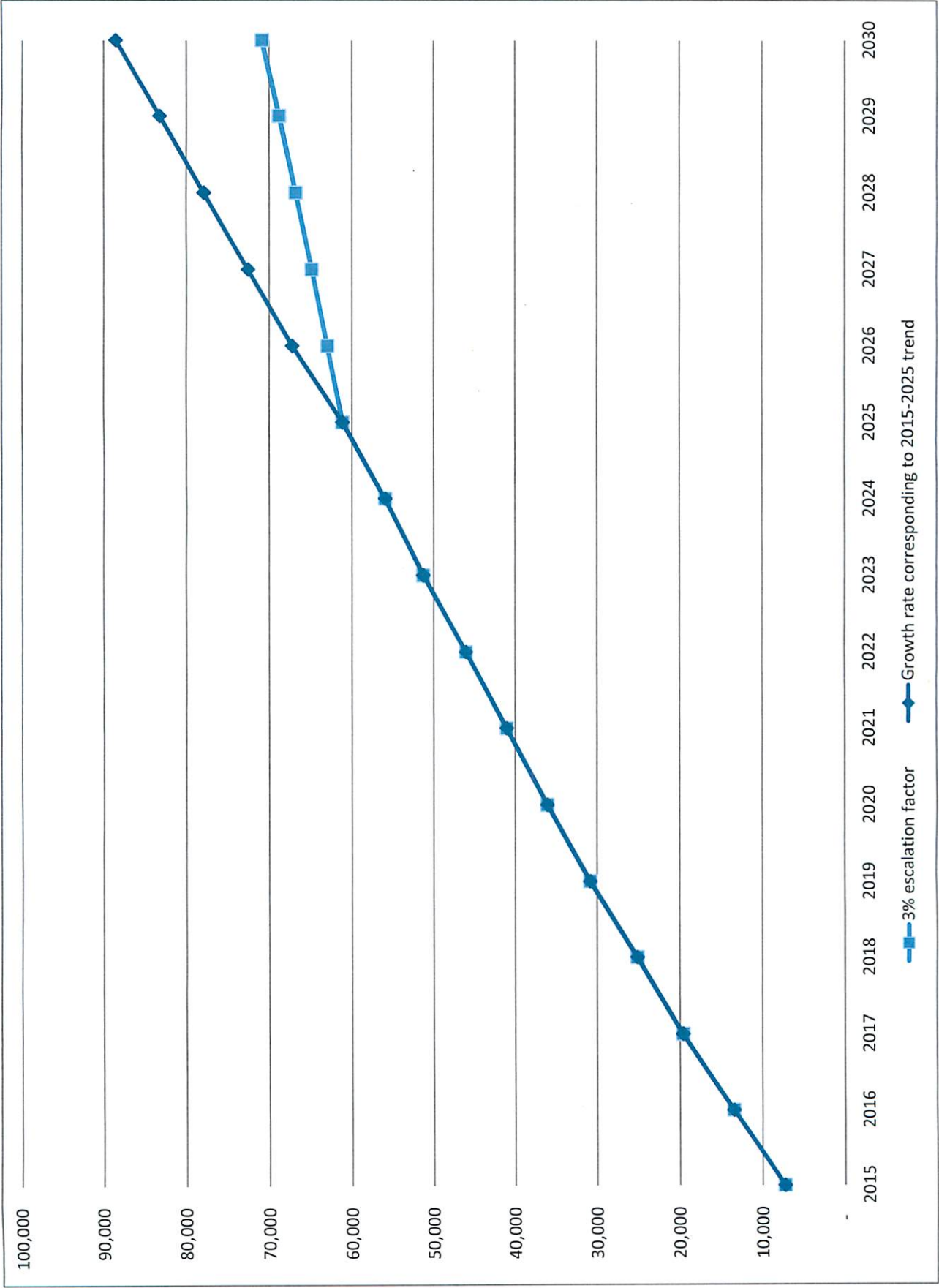
| Utility | Type | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Alameda | Annual | 1,154 | 1,100 | 1,158 | 1,247 | 1,061 | 1,081 | 1,108 | 1,196 | 1,346 | 1,617 |
| Anaheim | Annual | 24,026 | 24,425 | 24,228 | 25,742 | 24,585 | 24,842 | 25,254 | 25,480 | 25,567 | 25,204 |
| Azusa | Annual | 2,570 | 2,585 | 2,568 | 2,573 | 2,342 | 2,438 | 2,411 | 2,567 | 2,386 | 2,316 |
| Banning | Annual | 472 | 546 | 532 | 591 | 573 | 621 | 715 | 730 | 802 | 852 |
| Biggs | Annual | 35 | 39 | 42 | 46 | 47 | 49 | 51 | 52 | 52 | 51 |
| Burbank | Annual | 9,947 | 10,739 | 11,124 | 11,281 | 10,852 | 11,677 | 12,111 | 13,037 | 12,977 | 12,829 |
| Colton | Annual | 966 | 1,273 | 1,614 | 1,759 | 1,911 | 2,137 | 2,435 | 2,610 | 3,804 | 3,712 |
| Corona | Annual | 313 | 316 | 326 | 334 | 325 | 359 | 374 | 361 | 374 | 385 |
| Glendale | Annual | 11,782 | 11,671 | 11,151 | 11,607 | 11,486 | 11,371 | 12,120 | 12,830 | 13,214 | 13,548 |
| Gridley | Annual | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 |
| Healdsburg | Annual | 260 | 266 | 293 | 336 | 348 | 382 | 429 | 441 | 598 | 535 |
| Imperial | Annual | 14,508 | 14,986 | 15,563 | 16,656 | 16,014 | 17,001 | 18,073 | 19,091 | 19,419 | 19,240 |
| LADWP | Annual | 278,000 | 310,000 | 442,000 | 515,000 | 541,000 | 520,000 | 471,000 | 240,000 | 161,000 | 118,000 |
| Lassen | Annual | 249 | 266 | 268 | 290 | 305 | 313 | 338 | 333 | 347 | 364 |
| Lodi | Annual | 2,735 | 2,904 | 3,155 | 3,492 | 3,359 | 3,543 | 3,617 | 3,737 | 4,311 | 5,081 |
| Lompoc | Annual | 168 | 186 | 203 | 229 | 195 | 212 | 232 | 246 | 258 | 268 |
| Merced | Annual | 1,581 | 1,486 | 1,179 | 1,392 | 1,140 | 1,040 | 1,099 | 1,148 | 1,386 | 1,274 |
| Modesto | Annual | 15,950 | 17,104 | 18,196 | 18,986 | 18,254 | 18,974 | 19,233 | 19,162 | 18,770 | 17,862 |
| Moreno Valley | Annual | 286 | 276 | 269 | 277 | 251 | 272 | 284 | 303 | 304 | 309 |
| Needles | Annual | 72 | 90 | 107 | 128 | 139 | 159 | 177 | 195 | 215 | 229 |
| Palo Alto | Annual | 6,078 | 6,257 | 6,248 | 6,245 | 6,248 | 6,260 | 6,809 | 6,846 | 7,412 | 7,452 |
| Pasadena | Annual | 12,750 | 12,750 | 12,750 | 12,750 | 12,750 | 12,750 | 12,750 | 12,750 | 12,750 | 12,750 |
| Pittsburg Power | Annual | 140 | 134 | 122 | 123 | 128 | 124 | 122 | 120 | 125 | 122 |
| Plumas-Sierra | Annual | 126 | 128 | 144 | 146 | 133 | 128 | 178 | 150 | 233 | 198 |
| Port of Oakland | Annual | 91 | 97 | 101 | 104 | 103 | 106 | 108 | 111 | 108 | 105 |
| Rancho Cucamonga | Annual | 441 | 449 | 470 | 509 | 550 | 598 | 600 | 656 | 634 | 711 |
| Redding | Annual | 3,045 | 3,224 | 3,318 | 3,458 | 3,207 | 3,384 | 3,581 | 3,857 | 4,207 | 4,349 |
| Riverside | Annual | 18,399 | 19,099 | 18,870 | 19,756 | 19,317 | 20,287 | 23,368 | 24,469 | 25,889 | 25,865 |
| Roseville | Annual | 7,713 | 7,768 | 8,037 | 8,007 | 7,499 | 7,790 | 7,260 | 7,697 | 8,094 | 8,479 |
| SF PUC | Annual | 4,353 | 4,353 | 4,857 | 4,857 | 4,857 | 2,970 | 2,536 | 2,806 | 2,806 | 2,806 |
| Shasta Lake | Annual | 230 | 524 | 299 | 239 | 261 | 243 | 256 | 269 | 361 | 368 |
| Silicon Valley | Annual | 24,076 | 24,387 | 23,079 | 22,848 | 22,407 | 21,274 | 20,961 | 20,174 | 18,923 | 18,282 |
| SMUD | Annual | 172,000 | 175,000 | 178,000 | 180,000 | 182,000 | 184,000 | 186,000 | 187,000 | 189,000 | 191,000 |
| Trinity | Annual | 68 | 86 | 103 | 122 | 118 | 143 | 161 | 180 | 203 | 219 |
| Truckee Donner | Annual | 1,367 | 1,521 | 1,558 | 1,552 | 1,080 | 1,134 | 1,103 | 1,121 | 1,198 | 1,204 |
| Turlock | Annual | 9,570 | 10,081 | 13,232 | 11,996 | 13,674 | 12,666 | 13,698 | 15,601 | 16,159 | 17,372 |
| Ukiah | Annual | 450 | 450 | 448 | 428 | 364 | 404 | 395 | 391 | 414 | 423 |
| Vernon | Annual | 6,417 | 6,631 | 6,609 | 6,664 | 6,592 | 6,561 | 6,454 | 6,377 | 7,060 | 7,065 |
| Victorville | Annual | 102 | 124 | 146 | 172 | 202 | 231 | 260 | 291 | 341 | 370 |
| CALIFORNIA | Annual | 632,660 | 673,491 | 812,537 | 892,111 | 915,847 | 897,694 | 857,831 | 634,555 | 563,217 | 522,986 |

| | | | | | | | | | | | |
|------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| Cumulative | 632,660 | 1,306,151 | 2,118,688 | 3,010,799 | 3,926,646 | 4,824,340 | 5,682,171 | 6,316,726 | 6,879,943 | 7,402,929 | MWh |
| Cumulative | 632.66 | 1306.151 | 2118.688 | 3010.799 | 3926.646 | 4824.34 | 5682.171 | 6316.726 | 6879.943 | 7402.929 | GWh |

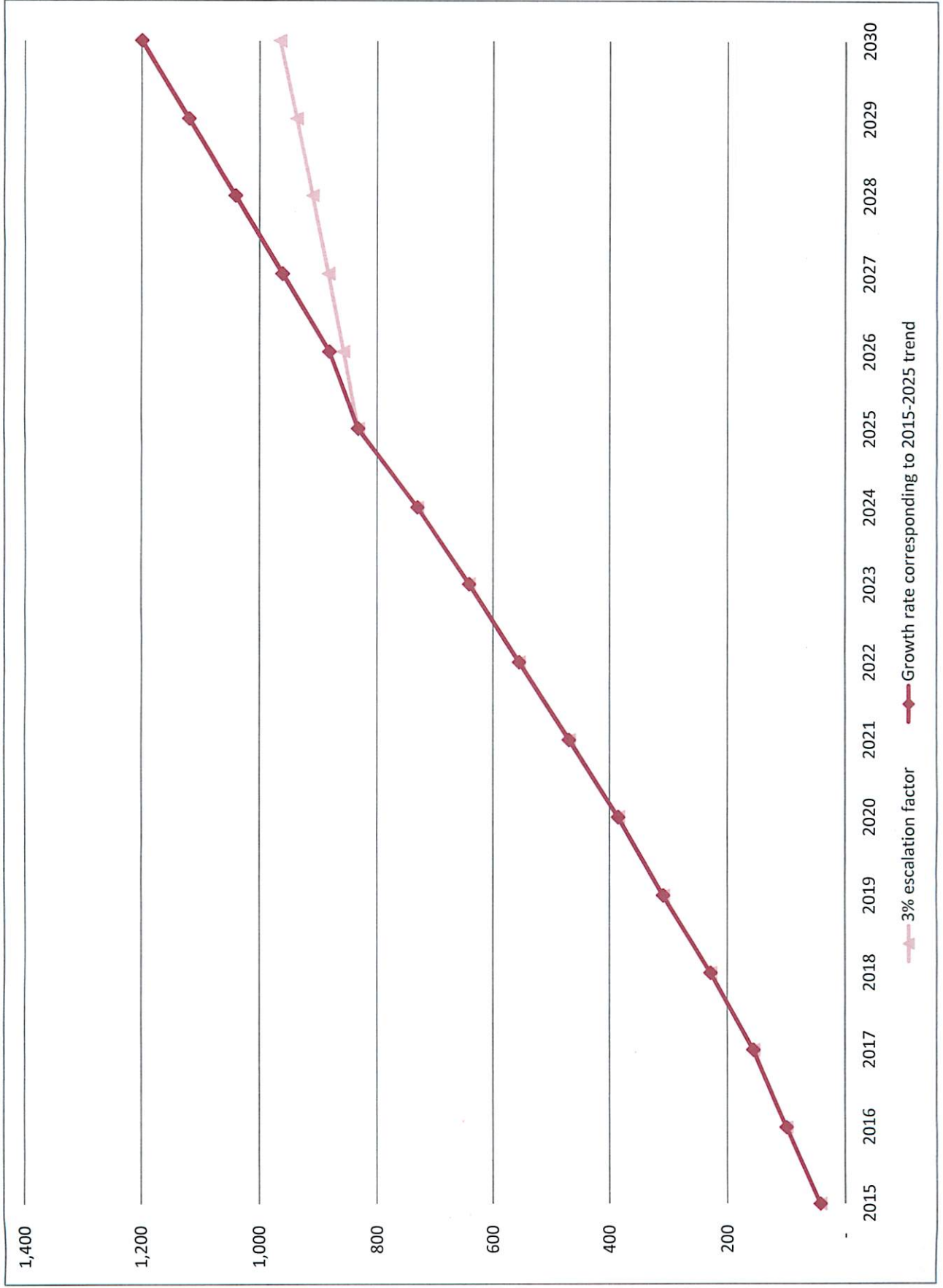
SB 350 2030 EE Savings Doubling Goal
CEDU 2014 mid-case AAEE X2 extended to 2030

| | | | | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|--------------------------------------|------------------------------------|--|--|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| ELECTRICITY SAVINGS | | | | | | | | | | | | | | | | | | | | |
| Baseline Energy Savings | | | | | | | | | | | | | | | | | | | | |
| IOUs | 2014 AAEE Projections | Escalation Factor | 1.03 GWh | 2,337 | 4,613 | 6,789 | 8,628 | 10,581 | 12,327 | 14,200 | 16,142 | 18,240 | 20,354 | 22,707 | 23,388 | 24,090 | 24,813 | 25,557 | 26,324 | |
| POUs | 2013 POU SB 1037 Report | | 1.03 GWh | 1,306 | 2,119 | 3,011 | 3,927 | 4,824 | 5,682 | 6,317 | 6,880 | 7,403 | 7,625 | 7,854 | 8,089 | 8,332 | 8,582 | 8,839 | 9,105 | |
| Total | 2014 AAEE/2015 POU | | GWh | 3,643 | 6,732 | 9,800 | 12,554 | 15,406 | 18,009 | 20,517 | 23,022 | 25,643 | 27,979 | 30,561 | 31,478 | 32,422 | 33,395 | 34,396 | 35,428 | |
| IOUs | 2014 AAEE Projections | Growth rate corresponding to 2015-2025 trend | GWh | 2,337 | 4,613 | 6,789 | 8,628 | 10,581 | 12,327 | 14,200 | 16,142 | 18,240 | 20,354 | 22,707 | 24,328 | 26,308 | 28,288 | 30,268 | 32,249 | |
| POUs | 2013 POU SB 1037 Report | Growth rate corresponding to 2015-2025 trend | GWh | 1,306 | 2,119 | 3,011 | 3,927 | 4,824 | 5,682 | 6,317 | 6,880 | 7,403 | 7,625 | 7,854 | 9,286 | 9,971 | 10,656 | 11,341 | 12,026 | |
| Total | 2014 AAEE/2015 POU | | GWh | 3,643 | 6,732 | 9,800 | 12,554 | 15,406 | 18,009 | 20,517 | 23,022 | 25,643 | 27,979 | 30,561 | 33,614 | 36,279 | 38,945 | 41,610 | 44,275 | |
| NATURAL GAS SAVINGS | | | | | | | | | | | | | | | | | | | | |
| Baseline Energy Savings | | | | | | | | | | | | | | | | | | | | |
| IOUs | 2014 AAEE Projections | 3% escalation factor | 1.03 MM Therms | 21 | 50 | 78 | 114 | 154 | 193 | 235 | 277 | 321 | 365 | 416 | 428.86 | 441.73 | 454.98 | 468.63 | 482.69 | |
| POUs | 2013 POU SB 1037 Report | | 1.03 MM Therms | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | | | MM Therms | 21 | 50 | 78 | 114 | 154 | 193 | 235 | 277 | 321 | 365 | 416 | 428.86 | 441.73 | 454.98 | 468.63 | 482.69 | |
| IOUs | 2014 AAEE Projections | Growth rate corresponding to 2015-2025 trend | MM Therms | 21 | 50 | 78 | 114 | 154 | 193 | 235 | 277 | 321 | 365 | 416 | 441 | 480.56 | 520.33 | 560.09 | 599.85 | |
| POUs | 2013 POU SB 1037 Report | Growth rate corresponding to 2015-2025 trend | MM Therms | | | | | | | | | | | | | | | | | |
| Total | | | MM Therms | 21 | 50 | 78 | 114 | 154 | 193 | 235 | 277 | 321 | 365 | 416 | 441 | 481 | 520 | 560 | 600 | |
| FINAL ENERGY SAVING TARGETS | | | | | | | | | | | | | | | | | | | | |
| Electricity | x2 row 6 | | GWh | 7,286 | 13,464 | 19,600 | 25,109 | 30,811 | 36,018 | 41,034 | 46,044 | 51,286 | 55,959 | 61,122 | 62,955 | 64,844 | 66,789 | 68,793 | 70,857 | |
| Natural Gas | x2 row 12 | | MM Therms | 42 | 99 | 156 | 228 | 309 | 385 | 469 | 555 | 641 | 731 | 833 | 858 | 883 | 910 | 937 | 965 | |
| Electricity | x2 row 9 | Growth rate corresponding to 2015-2025 trend | GWh | 7,286 | 13,464 | 19,600 | 25,109 | 30,811 | 36,018 | 41,034 | 46,044 | 51,286 | 55,959 | 61,122 | 67,229 | 72,559 | 77,889 | 83,219 | 88,549 | |
| Natural Gas | x2 row 18 | Growth rate corresponding to 2015-2025 trend | MM Therms | 42 | 99 | 156 | 228 | 309 | 385 | 469 | 555 | 641 | 731 | 833 | 882 | 961 | 1,041 | 1,120 | 1,200 | |
| TARGETS CONVERTED TO SITE BTU | | | | | | | | | | | | | | | | | | | | |
| | BTU Conversion Factor | | 3,413 BTU/Wh | | | | | | | | | | | | | | | | | |
| | Doubled 2014 AAEE+2013 POU | - Electric Energy w/ 3% escalation for 2025-2030 | 3,413 x 10 ⁻⁶ QUAD/GWh | 0.025 | 0.046 | 0.067 | 0.086 | 0.105 | 0.123 | 0.140 | 0.157 | 0.175 | 0.191 | 0.209 | 0.215 | 0.221 | 0.228 | 0.235 | 0.242 | |
| | Doubled 2014 AAEE+2013 POU | - Electric Energy w/ linear trend for 2025-2030 | | 0.025 | 0.046 | 0.067 | 0.086 | 0.105 | 0.123 | 0.140 | 0.157 | 0.175 | 0.191 | 0.209 | 0.229 | 0.248 | 0.266 | 0.284 | 0.302 | |
| | BTU Conversion Factor | 100,000 | 10 ⁻⁵ BTU/Therm | | | | | | | | | | | | | | | | | |
| | Doubled 2014 AAEE+2013 POU | - Natural Gas w/ 3% escalation for 2025-2030 | QUAD = 10 ⁻¹⁵ BTU; MM Therm = 10 ⁻⁶ Therm So divide by 10 ⁻⁹ | 0.004 | 0.010 | 0.016 | 0.023 | 0.031 | 0.039 | 0.047 | 0.055 | 0.064 | 0.073 | 0.083 | 0.086 | 0.088 | 0.091 | 0.094 | 0.097 | |
| | Doubled 2014 AAEE+2013 POU | - Natural Gas w/ linear trend for 2025-2030 | | 0.004 | 0.010 | 0.016 | 0.023 | 0.031 | 0.039 | 0.047 | 0.055 | 0.064 | 0.073 | 0.083 | 0.088 | 0.096 | 0.104 | 0.112 | 0.120 | |
| | Combined - Electricity and Natural | w/ 3% escalation for 2025-2030 | Quad BTU | 0.029 | 0.056 | 0.082 | 0.109 | 0.136 | 0.161 | 0.187 | 0.213 | 0.239 | 0.264 | 0.292 | 0.301 | 0.310 | 0.319 | 0.329 | 0.338 | |
| | Combined - Electricity and Natural | w/ linear trend for 2025-2030 | Quad BTU | 0.029 | 0.056 | 0.082 | 0.109 | 0.136 | 0.161 | 0.187 | 0.213 | 0.239 | 0.264 | 0.292 | 0.318 | 0.344 | 0.370 | 0.396 | 0.422 | |
| REFERENCE SOURCE VALUES | | | | | | | | | | | | | | | | | | | | |
| Original | | | | | | | | | | | | | | | | | | | | |
| IOUs | 2014 AAEE Projections | Worksheet | GWh | 400 | 2,337 | 4,613 | 6,789 | 8,628 | 10,581 | 12,327 | 14,200 | 16,142 | 18,240 | 20,354 | 22,707 | | | | | |
| POUs | 2013 POU SB 1037 Report | 2014AAEE | GWh | 633 | 1,306 | 2,119 | 3,011 | 3,927 | 4,824 | 5,682 | 6,317 | 6,880 | 7,403 | | | | | | | |
| IOUs | 2014 AAEE Projections | POU2013Goals | MM Therms | -4 | 21 | 50 | 78 | 114 | 154 | 193 | 235 | 277 | 321 | 365 | 416 | | | | | |
| POUs | 2013 POU SB 1037 Report | 2014AAEE | MM Therms | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |

Statewide Electricity Savings Doubled



Statewide Natural Gas Savings Doubled



Statewide Site BTU Savings Doubled

