



*A unit of American Electric Power*

COMMISSIO

**INTEGRATED RESOURCE PLANNING REPORT  
TO THE  
KENTUCKY PUBLIC SERVICE COMMISSION**

**CHAPTER 2, APPENDIX**

**VOLUME B**

**BOOK 2 OF 3**

**Case No. 2013-\_\_\_\_\_**

**December 20, 2013**

LONG-TERM RESIDENTIAL

Residential Customers  
Endogenous Variables

The MEANS Procedure

| Variable | Label                 | Mean      |
|----------|-----------------------|-----------|
| YEAR     | YEAR                  | 2021.50   |
| MONTH    | MONTH                 | 6.5000000 |
| cr_kpc   | Residential Customers | 143671.53 |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 1   | 2001 | 1     | 144223 |
| 2   | 2001 | 2     | 144273 |
| 3   | 2001 | 3     | 144119 |
| 4   | 2001 | 4     | 143978 |
| 5   | 2001 | 5     | 143932 |
| 6   | 2001 | 6     | 143849 |
| 7   | 2001 | 7     | 143853 |
| 8   | 2001 | 8     | 143911 |
| 9   | 2001 | 9     | 144012 |
| 10  | 2001 | 10    | 144138 |
| 11  | 2001 | 11    | 144214 |
| 12  | 2001 | 12    | 144447 |
| 13  | 2002 | 1     | 144776 |
| 14  | 2002 | 2     | 144635 |
| 15  | 2002 | 3     | 144570 |
| 16  | 2002 | 4     | 144471 |
| 17  | 2002 | 5     | 144097 |
| 18  | 2002 | 6     | 144170 |
| 19  | 2002 | 7     | 144163 |
| 20  | 2002 | 8     | 144235 |
| 21  | 2002 | 9     | 144234 |
| 22  | 2002 | 10    | 144277 |
| 23  | 2002 | 11    | 144470 |
| 24  | 2002 | 12    | 144696 |
| 25  | 2003 | 1     | 144903 |
| 26  | 2003 | 2     | 144848 |
| 27  | 2003 | 3     | 144700 |
| 28  | 2003 | 4     | 144415 |
| 29  | 2003 | 5     | 144250 |
| 30  | 2003 | 6     | 144177 |
| 31  | 2003 | 7     | 144130 |
| 32  | 2003 | 8     | 144290 |
| 33  | 2003 | 9     | 144411 |
| 34  | 2003 | 10    | 144406 |
| 35  | 2003 | 11    | 144466 |
| 36  | 2003 | 12    | 144850 |
| 37  | 2004 | 1     | 145096 |
| 38  | 2004 | 2     | 144846 |
| 39  | 2004 | 3     | 144789 |
| 40  | 2004 | 4     | 144670 |
| 41  | 2004 | 5     | 144359 |
| 42  | 2004 | 6     | 144117 |
| 43  | 2004 | 7     | 144037 |
| 44  | 2004 | 8     | 144066 |
| 45  | 2004 | 9     | 144081 |
| 46  | 2004 | 10    | 144159 |
| 47  | 2004 | 11    | 144360 |
| 48  | 2004 | 12    | 144623 |
| 49  | 2005 | 1     | 144900 |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 50  | 2005 | 2     | 144415 |
| 51  | 2005 | 3     | 145259 |
| 52  | 2005 | 4     | 144955 |
| 53  | 2005 | 5     | 144302 |
| 54  | 2005 | 6     | 144342 |
| 55  | 2005 | 7     | 144274 |
| 56  | 2005 | 8     | 144231 |
| 57  | 2005 | 9     | 144191 |
| 58  | 2005 | 10    | 144223 |
| 59  | 2005 | 11    | 144419 |
| 60  | 2005 | 12    | 144641 |
| 61  | 2006 | 1     | 144830 |
| 62  | 2006 | 2     | 144530 |
| 63  | 2006 | 3     | 145013 |
| 64  | 2006 | 4     | 144560 |
| 65  | 2006 | 5     | 144258 |
| 66  | 2006 | 6     | 144120 |
| 67  | 2006 | 7     | 144118 |
| 68  | 2006 | 8     | 144248 |
| 69  | 2006 | 9     | 144269 |
| 70  | 2006 | 10    | 144313 |
| 71  | 2006 | 11    | 144545 |
| 72  | 2006 | 12    | 144554 |
| 73  | 2007 | 1     | 144815 |
| 74  | 2007 | 2     | 144843 |
| 75  | 2007 | 3     | 144494 |
| 76  | 2007 | 4     | 144179 |
| 77  | 2007 | 5     | 143841 |
| 78  | 2007 | 6     | 143743 |
| 79  | 2007 | 7     | 143666 |
| 80  | 2007 | 8     | 143970 |
| 81  | 2007 | 9     | 144118 |
| 82  | 2007 | 10    | 144087 |
| 83  | 2007 | 11    | 144181 |
| 84  | 2007 | 12    | 144542 |
| 85  | 2008 | 1     | 144825 |
| 86  | 2008 | 2     | 144690 |
| 87  | 2008 | 3     | 144365 |
| 88  | 2008 | 4     | 143988 |
| 89  | 2008 | 5     | 143799 |
| 90  | 2008 | 6     | 143710 |
| 91  | 2008 | 7     | 143789 |
| 92  | 2008 | 8     | 143832 |
| 93  | 2008 | 9     | 143855 |
| 94  | 2008 | 10    | 143884 |
| 95  | 2008 | 11    | 144121 |
| 96  | 2008 | 12    | 144407 |
| 97  | 2009 | 1     | 144472 |
| 98  | 2009 | 2     | 144302 |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 99  | 2009 | 3     | 144126 |
| 100 | 2009 | 4     | 143754 |
| 101 | 2009 | 5     | 143405 |
| 102 | 2009 | 6     | 143404 |
| 103 | 2009 | 7     | 143215 |
| 104 | 2009 | 8     | 143272 |
| 105 | 2009 | 9     | 143258 |
| 106 | 2009 | 10    | 143276 |
| 107 | 2009 | 11    | 143420 |
| 108 | 2009 | 12    | 143633 |
| 109 | 2010 | 1     | 143805 |
| 110 | 2010 | 2     | 143788 |
| 111 | 2010 | 3     | 143618 |
| 112 | 2010 | 4     | 143153 |
| 113 | 2010 | 5     | 142803 |
| 114 | 2010 | 6     | 142743 |
| 115 | 2010 | 7     | 142667 |
| 116 | 2010 | 8     | 142742 |
| 117 | 2010 | 9     | 142470 |
| 118 | 2010 | 10    | 142457 |
| 119 | 2010 | 11    | 142699 |
| 120 | 2010 | 12    | 142708 |
| 121 | 2011 | 1     | 143185 |
| 122 | 2011 | 2     | 142735 |
| 123 | 2011 | 3     | 142867 |
| 124 | 2011 | 4     | 142173 |
| 125 | 2011 | 5     | 141679 |
| 126 | 2011 | 6     | 141463 |
| 127 | 2011 | 7     | 141398 |
| 128 | 2011 | 8     | 141531 |
| 129 | 2011 | 9     | 141286 |
| 130 | 2011 | 10    | 141180 |
| 131 | 2011 | 11    | 141320 |
| 132 | 2011 | 12    | 141500 |
| 133 | 2012 | 1     | 141565 |
| 134 | 2012 | 2     | 141707 |
| 135 | 2012 | 3     | 141335 |
| 136 | 2012 | 4     | 140895 |
| 137 | 2012 | 5     | 140790 |
| 138 | 2012 | 6     | 140611 |
| 139 | 2012 | 7     | 140697 |
| 140 | 2012 | 8     | 140645 |
| 141 | 2012 | 9     | 140641 |
| 142 | 2012 | 10    | 140571 |
| 143 | 2012 | 11    | 140781 |
| 144 | 2012 | 12    | 140909 |
| 145 | 2013 | 1     | .      |
| 146 | 2013 | 2     | .      |
| 147 | 2013 | 3     | .      |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 148 | 2013 | 4     | .      |
| 149 | 2013 | 5     | .      |
| 150 | 2013 | 6     | .      |
| 151 | 2013 | 7     | .      |
| 152 | 2013 | 8     | .      |
| 153 | 2013 | 9     | .      |
| 154 | 2013 | 10    | .      |
| 155 | 2013 | 11    | .      |
| 156 | 2013 | 12    | .      |
| 157 | 2014 | 1     | .      |
| 158 | 2014 | 2     | .      |
| 159 | 2014 | 3     | .      |
| 160 | 2014 | 4     | .      |
| 161 | 2014 | 5     | .      |
| 162 | 2014 | 6     | .      |
| 163 | 2014 | 7     | .      |
| 164 | 2014 | 8     | .      |
| 165 | 2014 | 9     | .      |
| 166 | 2014 | 10    | .      |
| 167 | 2014 | 11    | .      |
| 168 | 2014 | 12    | .      |
| 169 | 2015 | 1     | .      |
| 170 | 2015 | 2     | .      |
| 171 | 2015 | 3     | .      |
| 172 | 2015 | 4     | .      |
| 173 | 2015 | 5     | .      |
| 174 | 2015 | 6     | .      |
| 175 | 2015 | 7     | .      |
| 176 | 2015 | 8     | .      |
| 177 | 2015 | 9     | .      |
| 178 | 2015 | 10    | .      |
| 179 | 2015 | 11    | .      |
| 180 | 2015 | 12    | .      |
| 181 | 2016 | 1     | .      |
| 182 | 2016 | 2     | .      |
| 183 | 2016 | 3     | .      |
| 184 | 2016 | 4     | .      |
| 185 | 2016 | 5     | .      |
| 186 | 2016 | 6     | .      |
| 187 | 2016 | 7     | .      |
| 188 | 2016 | 8     | .      |
| 189 | 2016 | 9     | .      |
| 190 | 2016 | 10    | .      |
| 191 | 2016 | 11    | .      |
| 192 | 2016 | 12    | .      |
| 193 | 2017 | 1     | .      |
| 194 | 2017 | 2     | .      |
| 195 | 2017 | 3     | .      |
| 196 | 2017 | 4     | .      |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 197 | 2017 | 5     | .      |
| 198 | 2017 | 6     | .      |
| 199 | 2017 | 7     | .      |
| 200 | 2017 | 8     | .      |
| 201 | 2017 | 9     | .      |
| 202 | 2017 | 10    | .      |
| 203 | 2017 | 11    | .      |
| 204 | 2017 | 12    | .      |
| 205 | 2018 | 1     | .      |
| 206 | 2018 | 2     | .      |
| 207 | 2018 | 3     | .      |
| 208 | 2018 | 4     | .      |
| 209 | 2018 | 5     | .      |
| 210 | 2018 | 6     | .      |
| 211 | 2018 | 7     | .      |
| 212 | 2018 | 8     | .      |
| 213 | 2018 | 9     | .      |
| 214 | 2018 | 10    | .      |
| 215 | 2018 | 11    | .      |
| 216 | 2018 | 12    | .      |
| 217 | 2019 | 1     | .      |
| 218 | 2019 | 2     | .      |
| 219 | 2019 | 3     | .      |
| 220 | 2019 | 4     | .      |
| 221 | 2019 | 5     | .      |
| 222 | 2019 | 6     | .      |
| 223 | 2019 | 7     | .      |
| 224 | 2019 | 8     | .      |
| 225 | 2019 | 9     | .      |
| 226 | 2019 | 10    | .      |
| 227 | 2019 | 11    | .      |
| 228 | 2019 | 12    | .      |
| 229 | 2020 | 1     | .      |
| 230 | 2020 | 2     | .      |
| 231 | 2020 | 3     | .      |
| 232 | 2020 | 4     | .      |
| 233 | 2020 | 5     | .      |
| 234 | 2020 | 6     | .      |
| 235 | 2020 | 7     | .      |
| 236 | 2020 | 8     | .      |
| 237 | 2020 | 9     | .      |
| 238 | 2020 | 10    | .      |
| 239 | 2020 | 11    | .      |
| 240 | 2020 | 12    | .      |
| 241 | 2021 | 1     | .      |
| 242 | 2021 | 2     | .      |
| 243 | 2021 | 3     | .      |
| 244 | 2021 | 4     | .      |
| 245 | 2021 | 5     | .      |



Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 246 | 2021 | 6     | .      |
| 247 | 2021 | 7     | .      |
| 248 | 2021 | 8     | .      |
| 249 | 2021 | 9     | .      |
| 250 | 2021 | 10    | .      |
| 251 | 2021 | 11    | .      |
| 252 | 2021 | 12    | .      |
| 253 | 2022 | 1     | .      |
| 254 | 2022 | 2     | .      |
| 255 | 2022 | 3     | .      |
| 256 | 2022 | 4     | .      |
| 257 | 2022 | 5     | .      |
| 258 | 2022 | 6     | .      |
| 259 | 2022 | 7     | .      |
| 260 | 2022 | 8     | .      |
| 261 | 2022 | 9     | .      |
| 262 | 2022 | 10    | .      |
| 263 | 2022 | 11    | .      |
| 264 | 2022 | 12    | .      |
| 265 | 2023 | 1     | .      |
| 266 | 2023 | 2     | .      |
| 267 | 2023 | 3     | .      |
| 268 | 2023 | 4     | .      |
| 269 | 2023 | 5     | .      |
| 270 | 2023 | 6     | .      |
| 271 | 2023 | 7     | .      |
| 272 | 2023 | 8     | .      |
| 273 | 2023 | 9     | .      |
| 274 | 2023 | 10    | .      |
| 275 | 2023 | 11    | .      |
| 276 | 2023 | 12    | .      |
| 277 | 2024 | 1     | .      |
| 278 | 2024 | 2     | .      |
| 279 | 2024 | 3     | .      |
| 280 | 2024 | 4     | .      |
| 281 | 2024 | 5     | .      |
| 282 | 2024 | 6     | .      |
| 283 | 2024 | 7     | .      |
| 284 | 2024 | 8     | .      |
| 285 | 2024 | 9     | .      |
| 286 | 2024 | 10    | .      |
| 287 | 2024 | 11    | .      |
| 288 | 2024 | 12    | .      |
| 289 | 2025 | 1     | .      |
| 290 | 2025 | 2     | .      |
| 291 | 2025 | 3     | .      |
| 292 | 2025 | 4     | .      |
| 293 | 2025 | 5     | .      |
| 294 | 2025 | 6     | .      |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 295 | 2025 | 7     | .      |
| 296 | 2025 | 8     | .      |
| 297 | 2025 | 9     | .      |
| 298 | 2025 | 10    | .      |
| 299 | 2025 | 11    | .      |
| 300 | 2025 | 12    | .      |
| 301 | 2026 | 1     | .      |
| 302 | 2026 | 2     | .      |
| 303 | 2026 | 3     | .      |
| 304 | 2026 | 4     | .      |
| 305 | 2026 | 5     | .      |
| 306 | 2026 | 6     | .      |
| 307 | 2026 | 7     | .      |
| 308 | 2026 | 8     | .      |
| 309 | 2026 | 9     | .      |
| 310 | 2026 | 10    | .      |
| 311 | 2026 | 11    | .      |
| 312 | 2026 | 12    | .      |
| 313 | 2027 | 1     | .      |
| 314 | 2027 | 2     | .      |
| 315 | 2027 | 3     | .      |
| 316 | 2027 | 4     | .      |
| 317 | 2027 | 5     | .      |
| 318 | 2027 | 6     | .      |
| 319 | 2027 | 7     | .      |
| 320 | 2027 | 8     | .      |
| 321 | 2027 | 9     | .      |
| 322 | 2027 | 10    | .      |
| 323 | 2027 | 11    | .      |
| 324 | 2027 | 12    | .      |
| 325 | 2028 | 1     | .      |
| 326 | 2028 | 2     | .      |
| 327 | 2028 | 3     | .      |
| 328 | 2028 | 4     | .      |
| 329 | 2028 | 5     | .      |
| 330 | 2028 | 6     | .      |
| 331 | 2028 | 7     | .      |
| 332 | 2028 | 8     | .      |
| 333 | 2028 | 9     | .      |
| 334 | 2028 | 10    | .      |
| 335 | 2028 | 11    | .      |
| 336 | 2028 | 12    | .      |
| 337 | 2029 | 1     | .      |
| 338 | 2029 | 2     | .      |
| 339 | 2029 | 3     | .      |
| 340 | 2029 | 4     | .      |
| 341 | 2029 | 5     | .      |
| 342 | 2029 | 6     | .      |
| 343 | 2029 | 7     | .      |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 344 | 2029 | 8     | .      |
| 345 | 2029 | 9     | .      |
| 346 | 2029 | 10    | .      |
| 347 | 2029 | 11    | .      |
| 348 | 2029 | 12    | .      |
| 349 | 2030 | 1     | .      |
| 350 | 2030 | 2     | .      |
| 351 | 2030 | 3     | .      |
| 352 | 2030 | 4     | .      |
| 353 | 2030 | 5     | .      |
| 354 | 2030 | 6     | .      |
| 355 | 2030 | 7     | .      |
| 356 | 2030 | 8     | .      |
| 357 | 2030 | 9     | .      |
| 358 | 2030 | 10    | .      |
| 359 | 2030 | 11    | .      |
| 360 | 2030 | 12    | .      |
| 361 | 2031 | 1     | .      |
| 362 | 2031 | 2     | .      |
| 363 | 2031 | 3     | .      |
| 364 | 2031 | 4     | .      |
| 365 | 2031 | 5     | .      |
| 366 | 2031 | 6     | .      |
| 367 | 2031 | 7     | .      |
| 368 | 2031 | 8     | .      |
| 369 | 2031 | 9     | .      |
| 370 | 2031 | 10    | .      |
| 371 | 2031 | 11    | .      |
| 372 | 2031 | 12    | .      |
| 373 | 2032 | 1     | .      |
| 374 | 2032 | 2     | .      |
| 375 | 2032 | 3     | .      |
| 376 | 2032 | 4     | .      |
| 377 | 2032 | 5     | .      |
| 378 | 2032 | 6     | .      |
| 379 | 2032 | 7     | .      |
| 380 | 2032 | 8     | .      |
| 381 | 2032 | 9     | .      |
| 382 | 2032 | 10    | .      |
| 383 | 2032 | 11    | .      |
| 384 | 2032 | 12    | .      |
| 385 | 2033 | 1     | .      |
| 386 | 2033 | 2     | .      |
| 387 | 2033 | 3     | .      |
| 388 | 2033 | 4     | .      |
| 389 | 2033 | 5     | .      |
| 390 | 2033 | 6     | .      |
| 391 | 2033 | 7     | .      |
| 392 | 2033 | 8     | .      |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 393 | 2033 | 9     | .      |
| 394 | 2033 | 10    | .      |
| 395 | 2033 | 11    | .      |
| 396 | 2033 | 12    | .      |
| 397 | 2034 | 1     | .      |
| 398 | 2034 | 2     | .      |
| 399 | 2034 | 3     | .      |
| 400 | 2034 | 4     | .      |
| 401 | 2034 | 5     | .      |
| 402 | 2034 | 6     | .      |
| 403 | 2034 | 7     | .      |
| 404 | 2034 | 8     | .      |
| 405 | 2034 | 9     | .      |
| 406 | 2034 | 10    | .      |
| 407 | 2034 | 11    | .      |
| 408 | 2034 | 12    | .      |
| 409 | 2035 | 1     | .      |
| 410 | 2035 | 2     | .      |
| 411 | 2035 | 3     | .      |
| 412 | 2035 | 4     | .      |
| 413 | 2035 | 5     | .      |
| 414 | 2035 | 6     | .      |
| 415 | 2035 | 7     | .      |
| 416 | 2035 | 8     | .      |
| 417 | 2035 | 9     | .      |
| 418 | 2035 | 10    | .      |
| 419 | 2035 | 11    | .      |
| 420 | 2035 | 12    | .      |
| 421 | 2036 | 1     | .      |
| 422 | 2036 | 2     | .      |
| 423 | 2036 | 3     | .      |
| 424 | 2036 | 4     | .      |
| 425 | 2036 | 5     | .      |
| 426 | 2036 | 6     | .      |
| 427 | 2036 | 7     | .      |
| 428 | 2036 | 8     | .      |
| 429 | 2036 | 9     | .      |
| 430 | 2036 | 10    | .      |
| 431 | 2036 | 11    | .      |
| 432 | 2036 | 12    | .      |
| 433 | 2037 | 1     | .      |
| 434 | 2037 | 2     | .      |
| 435 | 2037 | 3     | .      |
| 436 | 2037 | 4     | .      |
| 437 | 2037 | 5     | .      |
| 438 | 2037 | 6     | .      |
| 439 | 2037 | 7     | .      |
| 440 | 2037 | 8     | .      |
| 441 | 2037 | 9     | .      |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 442 | 2037 | 10    | .      |
| 443 | 2037 | 11    | .      |
| 444 | 2037 | 12    | .      |
| 445 | 2038 | 1     | .      |
| 446 | 2038 | 2     | .      |
| 447 | 2038 | 3     | .      |
| 448 | 2038 | 4     | .      |
| 449 | 2038 | 5     | .      |
| 450 | 2038 | 6     | .      |
| 451 | 2038 | 7     | .      |
| 452 | 2038 | 8     | .      |
| 453 | 2038 | 9     | .      |
| 454 | 2038 | 10    | .      |
| 455 | 2038 | 11    | .      |
| 456 | 2038 | 12    | .      |
| 457 | 2039 | 1     | .      |
| 458 | 2039 | 2     | .      |
| 459 | 2039 | 3     | .      |
| 460 | 2039 | 4     | .      |
| 461 | 2039 | 5     | .      |
| 462 | 2039 | 6     | .      |
| 463 | 2039 | 7     | .      |
| 464 | 2039 | 8     | .      |
| 465 | 2039 | 9     | .      |
| 466 | 2039 | 10    | .      |
| 467 | 2039 | 11    | .      |
| 468 | 2039 | 12    | .      |
| 469 | 2040 | 1     | .      |
| 470 | 2040 | 2     | .      |
| 471 | 2040 | 3     | .      |
| 472 | 2040 | 4     | .      |
| 473 | 2040 | 5     | .      |
| 474 | 2040 | 6     | .      |
| 475 | 2040 | 7     | .      |
| 476 | 2040 | 8     | .      |
| 477 | 2040 | 9     | .      |
| 478 | 2040 | 10    | .      |
| 479 | 2040 | 11    | .      |
| 480 | 2040 | 12    | .      |
| 481 | 2041 | 1     | .      |
| 482 | 2041 | 2     | .      |
| 483 | 2041 | 3     | .      |
| 484 | 2041 | 4     | .      |
| 485 | 2041 | 5     | .      |
| 486 | 2041 | 6     | .      |
| 487 | 2041 | 7     | .      |
| 488 | 2041 | 8     | .      |
| 489 | 2041 | 9     | .      |
| 490 | 2041 | 10    | .      |

Residential Customers  
Endogenous Variables

| Obs | YEAR | MONTH | cr_kpc |
|-----|------|-------|--------|
| 491 | 2041 | 11    | .      |
| 492 | 2041 | 12    | .      |
| 493 | 2042 | 1     | .      |
| 494 | 2042 | 2     | .      |
| 495 | 2042 | 3     | .      |
| 496 | 2042 | 4     | .      |
| 497 | 2042 | 5     | .      |
| 498 | 2042 | 6     | .      |
| 499 | 2042 | 7     | .      |
| 500 | 2042 | 8     | .      |
| 501 | 2042 | 9     | .      |
| 502 | 2042 | 10    | .      |
| 503 | 2042 | 11    | .      |
| 504 | 2042 | 12    | .      |

Residential Customers  
Exogenous Variables

The MEANS Procedure

| Variable | Label                         | Mean        |
|----------|-------------------------------|-------------|
| YEAR     | YEAR                          | 2021.50     |
| MONTH    | MONTH                         | 6.5000000   |
| L_kpc    | Service Area Employment       | 147.7368373 |
| N_kpc    | Service Area Population       | 428.2086131 |
| d1       | Binary Variable-January       | 0.0833333   |
| d2       | Binary Variable-February      | 0.0833333   |
| d3       | Binary Variable-March         | 0.0833333   |
| d4       | Binary Variable-April         | 0.0833333   |
| d5       | Binary Variable-May           | 0.0833333   |
| d6       | Binary Variable-June          | 0.0833333   |
| d7       | Binary Variable-July          | 0.0833333   |
| d8       | Binary Variable-August        | 0.0833333   |
| d9       | Binary Variable-September     | 0.0833333   |
| d10      | Binary Variable-October       | 0.0833333   |
| d11      | Binary Variable-November      | 0.0833333   |
| dmar06   | Binary Variable-March 2006    | 0.0019841   |
| dmar05   | Binary Variable-March 2005    | 0.0019841   |
| dmay05   | Binary Variable-May 2005      | 0.0019841   |
| mar12on  | Binary Variable-March 2012 On | 0.7341270   |

















Residential Customers  
Exogenous Variables

| Obs | YEAR | MONTH | L_kpc   | N_kpc   | d1 | d2 | d3 | d4 | d5 | d6 | d7 | d8 | d9 | d10 | d11 | dmar06 | dmar05 | dmay05 | mar12on |
|-----|------|-------|---------|---------|----|----|----|----|----|----|----|----|----|-----|-----|--------|--------|--------|---------|
| 344 | 2029 | 8     | 149.535 | 425.831 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 345 | 2029 | 9     | 149.501 | 425.840 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 346 | 2029 | 10    | 149.469 | 425.848 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 347 | 2029 | 11    | 149.435 | 425.855 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 348 | 2029 | 12    | 149.401 | 425.864 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 349 | 2030 | 1     | 149.367 | 425.873 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 350 | 2030 | 2     | 149.333 | 425.880 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 351 | 2030 | 3     | 149.299 | 425.888 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 352 | 2030 | 4     | 149.263 | 425.897 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 353 | 2030 | 5     | 149.224 | 425.904 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 354 | 2030 | 6     | 149.185 | 425.914 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 355 | 2030 | 7     | 149.142 | 425.921 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 356 | 2030 | 8     | 149.098 | 425.929 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 357 | 2030 | 9     | 149.057 | 425.937 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 358 | 2030 | 10    | 149.010 | 425.947 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 359 | 2030 | 11    | 148.964 | 425.957 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 360 | 2030 | 12    | 148.915 | 425.964 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 361 | 2031 | 1     | 148.867 | 425.971 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 362 | 2031 | 2     | 148.820 | 425.981 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 363 | 2031 | 3     | 148.774 | 425.988 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 364 | 2031 | 4     | 148.721 | 425.997 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 365 | 2031 | 5     | 148.672 | 426.004 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 366 | 2031 | 6     | 148.624 | 426.015 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 367 | 2031 | 7     | 148.575 | 426.021 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 368 | 2031 | 8     | 148.524 | 426.031 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 369 | 2031 | 9     | 148.479 | 426.038 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 370 | 2031 | 10    | 148.429 | 426.048 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 371 | 2031 | 11    | 148.382 | 426.055 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 372 | 2031 | 12    | 148.331 | 426.063 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 373 | 2032 | 1     | 148.283 | 426.075 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 374 | 2032 | 2     | 148.235 | 426.080 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 375 | 2032 | 3     | 148.182 | 426.089 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 376 | 2032 | 4     | 148.131 | 426.098 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 377 | 2032 | 5     | 148.081 | 426.107 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 378 | 2032 | 6     | 148.025 | 426.113 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 379 | 2032 | 7     | 147.974 | 426.124 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 380 | 2032 | 8     | 147.912 | 426.132 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 381 | 2032 | 9     | 147.858 | 426.140 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 382 | 2032 | 10    | 147.801 | 426.151 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 383 | 2032 | 11    | 147.741 | 426.159 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 384 | 2032 | 12    | 147.680 | 426.171 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 385 | 2033 | 1     | 147.621 | 426.179 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 386 | 2033 | 2     | 147.565 | 426.186 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 387 | 2033 | 3     | 147.508 | 426.196 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 388 | 2033 | 4     | 147.448 | 426.207 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 389 | 2033 | 5     | 147.391 | 426.216 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 390 | 2033 | 6     | 147.336 | 426.225 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 391 | 2033 | 7     | 147.279 | 426.236 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 392 | 2033 | 8     | 147.224 | 426.246 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |

Residential Customers  
Exogenous Variables

| Obs | YEAR | MONTH | L_kpc   | N_kpc   | d1 | d2 | d3 | d4 | d5 | d6 | d7 | d8 | d9 | d10 | d11 | dmar06 | dmar05 | dmay05 | mar12on |
|-----|------|-------|---------|---------|----|----|----|----|----|----|----|----|----|-----|-----|--------|--------|--------|---------|
| 393 | 2033 | 9     | 147.172 | 426.257 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 394 | 2033 | 10    | 147.122 | 426.270 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 395 | 2033 | 11    | 147.074 | 426.281 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 396 | 2033 | 12    | 147.027 | 426.292 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 397 | 2034 | 1     | 146.983 | 426.302 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 398 | 2034 | 2     | 146.943 | 426.315 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 399 | 2034 | 3     | 146.907 | 426.325 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 400 | 2034 | 4     | 146.869 | 426.334 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 401 | 2034 | 5     | 146.837 | 426.345 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 402 | 2034 | 6     | 146.808 | 426.356 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 403 | 2034 | 7     | 146.780 | 426.367 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 404 | 2034 | 8     | 146.756 | 426.380 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 405 | 2034 | 9     | 146.737 | 426.390 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 406 | 2034 | 10    | 146.719 | 426.398 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 407 | 2034 | 11    | 146.708 | 426.409 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 408 | 2034 | 12    | 146.696 | 426.420 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 409 | 2035 | 1     | 146.688 | 426.429 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 410 | 2035 | 2     | 146.685 | 426.439 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 411 | 2035 | 3     | 146.681 | 426.450 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 412 | 2035 | 4     | 146.682 | 426.460 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 413 | 2035 | 5     | 146.681 | 426.472 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 414 | 2035 | 6     | 146.689 | 426.479 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 415 | 2035 | 7     | 146.693 | 426.489 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 416 | 2035 | 8     | 146.701 | 426.498 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 417 | 2035 | 9     | 146.714 | 426.510 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 418 | 2035 | 10    | 146.727 | 426.520 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 419 | 2035 | 11    | 146.740 | 426.528 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 420 | 2035 | 12    | 146.755 | 426.537 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 421 | 2036 | 1     | 146.772 | 426.549 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 422 | 2036 | 2     | 146.789 | 426.559 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 423 | 2036 | 3     | 146.810 | 426.568 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 424 | 2036 | 4     | 146.829 | 426.578 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 425 | 2036 | 5     | 146.851 | 426.590 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 426 | 2036 | 6     | 146.875 | 426.601 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 427 | 2036 | 7     | 146.900 | 426.609 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 428 | 2036 | 8     | 146.922 | 426.622 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 429 | 2036 | 9     | 146.947 | 426.635 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 430 | 2036 | 10    | 146.973 | 426.648 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 431 | 2036 | 11    | 146.996 | 426.659 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 432 | 2036 | 12    | 147.019 | 426.671 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 433 | 2037 | 1     | 147.040 | 426.687 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 434 | 2037 | 2     | 147.064 | 426.694 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 435 | 2037 | 3     | 147.085 | 426.708 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 436 | 2037 | 4     | 147.103 | 426.720 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 437 | 2037 | 5     | 147.121 | 426.738 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 438 | 2037 | 6     | 147.135 | 426.749 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 439 | 2037 | 7     | 147.150 | 426.759 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 440 | 2037 | 8     | 147.160 | 426.777 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 441 | 2037 | 9     | 147.166 | 426.789 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |



Residential Customers  
Exogenous Variables

| Obs | YEAR | MONTH | L_kpc   | N_kpc   | d1 | d2 | d3 | d4 | d5 | d6 | d7 | d8 | d9 | d10 | d11 | dmar06 | dmar05 | dmay05 | mar12on |
|-----|------|-------|---------|---------|----|----|----|----|----|----|----|----|----|-----|-----|--------|--------|--------|---------|
| 441 | 2037 | 10    | 147.174 | 426.804 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 443 | 2037 | 11    | 147.180 | 426.817 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 444 | 2037 | 12    | 147.183 | 426.831 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 445 | 2038 | 1     | 147.188 | 426.844 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 446 | 2038 | 2     | 147.189 | 426.858 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 447 | 2038 | 3     | 147.193 | 426.874 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 448 | 2038 | 4     | 147.196 | 426.889 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 449 | 2038 | 5     | 147.200 | 426.901 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 450 | 2038 | 6     | 147.202 | 426.915 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 451 | 2038 | 7     | 147.208 | 426.931 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 452 | 2038 | 8     | 147.213 | 426.944 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 453 | 2038 | 9     | 147.221 | 426.960 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 454 | 2038 | 10    | 147.229 | 426.976 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 455 | 2038 | 11    | 147.238 | 426.988 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 456 | 2038 | 12    | 147.246 | 427.006 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 457 | 2039 | 1     | 147.256 | 427.021 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 458 | 2039 | 2     | 147.268 | 427.035 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 459 | 2039 | 3     | 147.276 | 427.051 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 460 | 2039 | 4     | 147.286 | 427.068 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 461 | 2039 | 5     | 147.296 | 427.081 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 462 | 2039 | 6     | 147.306 | 427.098 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 463 | 2039 | 7     | 147.313 | 427.115 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 464 | 2039 | 8     | 147.325 | 427.128 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 465 | 2039 | 9     | 147.334 | 427.148 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 466 | 2039 | 10    | 147.341 | 427.163 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 467 | 2039 | 11    | 147.347 | 427.178 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 468 | 2039 | 12    | 147.354 | 427.192 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 469 | 2040 | 1     | 147.359 | 427.211 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 470 | 2040 | 2     | 147.369 | 427.226 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 471 | 2040 | 3     | 147.374 | 427.243 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 472 | 2040 | 4     | 147.380 | 427.261 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 473 | 2040 | 5     | 147.388 | 427.275 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 474 | 2040 | 6     | 147.393 | 427.291 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 475 | 2040 | 7     | 147.399 | 427.308 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 476 | 2040 | 8     | 147.408 | 427.326 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 477 | 2040 | 9     | 147.414 | 427.340 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 478 | 2040 | 10    | 147.423 | 427.361 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |
| 479 | 2040 | 11    | 147.426 | 427.374 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1   | 0      | 0      | 0      | 1       |
| 480 | 2040 | 12    | 147.435 | 427.391 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 481 | 2041 | 1     | 147.442 | 427.407 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 482 | 2041 | 2     | 147.452 | 427.424 | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 483 | 2041 | 3     | 147.458 | 427.440 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 484 | 2041 | 4     | 147.467 | 427.454 | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 485 | 2041 | 5     | 147.476 | 427.473 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 486 | 2041 | 6     | 147.486 | 427.490 | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 487 | 2041 | 7     | 147.493 | 427.508 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 488 | 2041 | 8     | 147.501 | 427.523 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 0   | 0      | 0      | 0      | 1       |
| 489 | 2041 | 9     | 147.513 | 427.542 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 0   | 0      | 0      | 0      | 1       |
| 490 | 2041 | 10    | 147.524 | 427.557 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 0   | 0      | 0      | 0      | 1       |



Residential Customers  
Model Estimation

The SYSLIN Procedure  
Ordinary Least Squares Estimation

Model cr\_kpc  
Dependent Variable cr\_kpc  
Label Residential Customers

Analysis of Variance

| Source          | DF  | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|-----|----------------|-------------|---------|--------|
| Model           | 18  | 1.9895E8       | 11052848    | 755.12  | <.0001 |
| Error           | 125 | 1829642        | 14637.14    |         |        |
| Corrected Total | 143 | 2.0078E8       |             |         |        |

Root MSE 120.98404 R-Square 0.99089  
Dependent Mean 143671.528 Adj R-Sq 0.98958  
Coeff Var 0.08421

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t | Variable Label                |
|-----------|----|--------------------|----------------|---------|---------|-------------------------------|
| Intercept | 1  | -3434.99           | 2082.372       | -1.65   | 0.1015  | Intercept                     |
| cr1       | 1  | 0.964133           | 0.024227       | 39.80   | <.0001  | Residential Customers, Lagged |
| N_kpc     | 1  | 17.41598           | 6.071357       | 2.87    | 0.0048  | Service Area Population       |
| L_kpc     | 1  | 8.788790           | 6.469310       | 1.36    | 0.1767  | Service Area Employment       |
| d1        | 1  | 5.647416           | 49.84505       | 0.11    | 0.9100  | Binary Variable-January       |
| d2        | 1  | -348.147           | 50.69827       | -6.87   | <.0001  | Binary Variable-February      |
| d3        | 1  | -362.326           | 53.69458       | -6.75   | <.0001  | Binary Variable-March         |
| d4        | 1  | -537.870           | 50.63001       | -10.62  | <.0001  | Binary Variable-April         |
| d5        | 1  | -485.153           | 50.60202       | -9.59   | <.0001  | Binary Variable-May           |
| d6        | 1  | -309.011           | 49.61542       | -6.23   | <.0001  | Binary Variable-June          |
| d7        | 1  | -259.120           | 49.81001       | -5.20   | <.0001  | Binary Variable-July          |
| d8        | 1  | -142.045           | 49.88982       | -2.85   | 0.0052  | Binary Variable-August        |
| d9        | 1  | -230.875           | 49.62824       | -4.65   | <.0001  | Binary Variable-September     |

Residential Customers  
Model Estimation

The SYSLIN Procedure  
Ordinary Least Squares Estimation

Parameter Estimates

| Variable | DF | Parameter Estimate | Standard Error | t Value | Pr >  t | Variable Label                |
|----------|----|--------------------|----------------|---------|---------|-------------------------------|
| d10      | 1  | -205.931           | 49.63035       | -4.15   | <.0001  | Binary Variable-October       |
| d11      | 1  | -47.8275           | 49.58062       | -0.96   | 0.3366  | Binary Variable-November      |
| dmay05   | 1  | -377.307           | 127.3610       | -2.96   | 0.0037  | Binary Variable-May 2005      |
| dmar05   | 1  | 980.9903           | 127.8791       | 7.67    | <.0001  | Binary Variable-March 2005    |
| dmar06   | 1  | 618.8470           | 128.8970       | 4.80    | <.0001  | Binary Variable-March 2006    |
| mar12on  | 1  | -54.3943           | 64.86217       | -0.84   | 0.4033  | Binary Variable-March 2012 On |

|                             |          |
|-----------------------------|----------|
| Durbin-Watson               | 2.467075 |
| Number of Observations      | 144      |
| First-Order Autocorrelation | -0.25515 |

Residential Customers  
Model Residuals

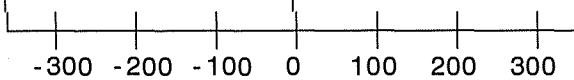
| time         |       | Residual Values<br>Sum |
|--------------|-------|------------------------|
| 2001.0000000 | ***** | -275.8224              |
| 2001.0833333 | ***** | 132.4809               |
| 2001.1666667 | ***   | -54.2607               |
| 2001.2500000 | ***** | 129.9674               |
| 2001.3333333 | ***** | 168.0183               |
| 2001.4166667 | **    | -46.2783               |
| 2001.5000000 | *     | -11.9792               |
| 2001.5833333 | ****  | -75.0828               |
| 2001.6666667 | ***   | 58.4403                |
| 2001.7500000 | ***   | 61.4973                |
| 2001.8333333 | ***** | -142.8626              |
| 2001.9166667 | **    | -31.8173               |
| 2002.0000000 | ***   | 65.9797                |
| 2002.0833333 | **    | -39.2145               |
| 2002.1666667 | **    | 45.1364                |
| 2002.2500000 | ***** | 183.6926               |
| 2002.3333333 | ***** | -147.9434              |
| 2002.4166667 | ***** | 109.2979               |
| 2002.5000000 | *     | -17.8179               |
| 2002.5833333 | ***   | -55.6208               |
| 2002.6666667 | **    | -36.3974               |
| 2002.7500000 | *     | -16.2442               |
| 2002.8333333 | *     | -21.4092               |
| 2002.9166667 | *     | -27.6567               |
| 2003.0000000 | **    | -42.2789               |
| 2003.0833333 | ***   | 58.9988                |
| 2003.1666667 | *     | -19.5617               |
| 2003.2500000 | *     | 16.1687                |
| 2003.3333333 | ****  | 75.8108                |
| 2003.4166667 | *     | -11.4935               |
| 2003.5000000 | **    | -35.1508               |
| 2003.5833333 | ***   | 56.0093                |
| 2003.6666667 | ***** | 114.5685               |
| 2003.7500000 | *     | -29.0899               |
| 2003.8333333 | ***** | -119.6188              |
| 2003.9166667 | ***** | 161.4066               |
| 2004.0000000 | **    | 34.0488                |
| 2004.0833333 | ****  | -97.1229               |
| 2004.1666667 | ***** | 103.0021               |
| 2004.2500000 | ***** | 215.9775               |
| 2004.3333333 | **    | -31.9001               |
| 2004.4166667 | ***** | -149.4482              |
| 2004.5000000 | **    | -45.8816               |
| 2004.5833333 | ***   | -57.1702               |
| 2004.6666667 | *     | 17.8315                |
| 2004.7500000 | ***   | 55.2934                |
| 2004.8333333 | *     | 21.5075                |
| 2004.9166667 | **    | 41.2685                |

Residential Customers  
Model Residuals

|              |       |       |           |
|--------------|-------|-------|-----------|
| 2005.000000  |       | ***   | 57.1977   |
| 2005.0833333 | ***** |       | -343.0071 |
| 2005.1666667 |       |       | 0.0000    |
| 2005.2500000 |       | **    | 37.0030   |
| 2005.3333333 |       |       | 0.0000    |
| 2005.4166667 |       | ***** | 114.6583  |
| 2005.5000000 |       | **    | -42.9877  |
| 2005.5833333 | ***** |       | -138.3597 |
| 2005.6666667 |       | **    | -48.6492  |
| 2005.7500000 |       |       | -3.2558   |
| 2005.8333333 |       |       | 3.8248    |
| 2005.9166667 |       | *     | -10.6475  |
| 2006.0000000 |       | **    | -40.7879  |
| 2006.0833333 | ***** |       | -168.5377 |
| 2006.1666667 |       |       | 0.0000    |
| 2006.2500000 | ***** |       | -123.1168 |
| 2006.3333333 |       | **    | -39.7382  |
| 2006.4166667 |       | ***   | -61.2539  |
| 2006.5000000 |       | *     | 21.6628   |
| 2006.5833333 |       | **    | 38.3264   |
| 2006.6666667 |       | *     | 24.6480   |
| 2006.7500000 |       | *     | 25.4340   |
| 2006.8333333 |       | ***   | 58.8256   |
| 2006.9166667 | ***** |       | -201.8082 |
| 2007.0000000 |       | **    | 46.7569   |
| 2007.0833333 |       | ***** | 178.5825  |
| 2007.1666667 | ***** |       | -181.6529 |
| 2007.2500000 |       | *     | 16.7956   |
| 2007.3333333 |       | ***   | -69.0001  |
| 2007.4166667 |       | *     | -16.3285  |
| 2007.5000000 |       | **    | -47.9913  |
| 2007.5833333 |       | ***** | 213.6232  |
| 2007.6666667 |       | ***** | 157.5798  |
| 2007.7500000 |       | **    | -40.8179  |
| 2007.8333333 |       | ****  | -74.8989  |
| 2007.9166667 |       | ***** | 147.9364  |
| 2008.0000000 |       | ****  | 77.7305   |
| 2008.0833333 |       | *     | 24.3808   |
| 2008.1666667 | ***** |       | -155.1902 |
| 2008.2500000 |       | **    | -41.7276  |
| 2008.3333333 |       | ****  | 82.1809   |
| 2008.4166667 |       |       | 2.0495    |
| 2008.5000000 |       | ***** | 120.4526  |
| 2008.5833333 |       | *     | -25.4940  |
| 2008.6666667 |       | **    | 49.7022   |
| 2008.7500000 |       | **    | 36.8815   |
| 2008.8333333 |       | ***** | 93.4176   |
| 2008.9166667 |       | ***** | 108.9540  |
| 2009.0000000 | ***** |       | -101.4047 |
| 2009.0833333 |       | *     | 25.4800   |
| 2009.1666667 |       | **    | 33.1450   |

Residential Customers  
Model Residuals

|              |       |       |           |
|--------------|-------|-------|-----------|
| 2009.2500000 |       | *     | 11.8894   |
| 2009.3333333 |       | *     | -26.1402  |
| 2009.4166667 |       | ***** | 137.8509  |
| 2009.5000000 | ***** |       | -96.1532  |
| 2009.5833333 |       | *     | 29.3081   |
| 2009.6666667 |       | ***   | 51.8559   |
| 2009.7500000 |       | ***   | 60.5723   |
| 2009.8333333 |       | **    | 30.7776   |
| 2009.9166667 |       | ***   | 58.4692   |
| 2010.0000000 |       | *     | 20.4640   |
| 2010.0833333 |       | ***** | 192.2108  |
| 2010.1666667 |       | ***   | 53.4662   |
| 2010.2500000 | ****  |       | -71.4803  |
| 2010.3333333 |       | *     | -25.1999  |
| 2010.4166667 |       | ****  | 76.7984   |
| 2010.5000000 |       |       | 9.6517    |
| 2010.5833333 |       | **    | 41.9744   |
| 2010.6666667 | ***** |       | -212.2757 |
| 2010.7500000 |       | *     | 13.3844   |
| 2010.8333333 |       | ***** | 111.2115  |
| 2010.9166667 | ***** |       | -159.4965 |
| 2011.0000000 |       | ***** | 304.6360  |
| 2011.0833333 | ***** |       | -250.1698 |
| 2011.1666667 |       | ***** | 331.1148  |
| 2011.2500000 | ***** |       | -313.4312 |
| 2011.3333333 | ***** |       | -190.1460 |
| 2011.4166667 | ***** |       | -105.2971 |
| 2011.5000000 |       | *     | -11.4016  |
| 2011.5833333 |       | ***   | 67.3476   |
| 2011.6666667 | ***** |       | -217.0634 |
| 2011.7500000 | ***** |       | -112.0183 |
| 2011.8333333 |       | *     | -28.3042  |
| 2011.9166667 |       | **    | -31.6577  |
| 2012.0000000 | ***** |       | -146.5197 |
| 2012.0833333 |       | ***** | 285.9183  |
| 2012.1666667 | ***** |       | -155.1991 |
| 2012.2500000 | ***   |       | -61.7383  |
| 2012.3333333 |       | ***** | 204.0577  |
| 2012.4166667 | ***   |       | -50.5555  |
| 2012.5000000 |       | ***** | 157.5962  |
| 2012.5833333 | ***** |       | -94.8615  |
| 2012.6666667 |       | **    | 39.7595   |
| 2012.7500000 | ***   |       | -51.6370  |
| 2012.8333333 |       | ***   | 67.5290   |
| 2012.9166667 | ***   |       | -54.9510  |



Residual Values

Residential Customers  
Model Simulation

The SIMLIN Procedure

Inverse Coefficient Matrix for Endogenous Variables

|          |        |
|----------|--------|
| Variable | cr_kpc |
| cr_kpc   | 1.0000 |

Reduced Form for Lagged Endogenous Variables

|          |        |
|----------|--------|
| Variable | cr1    |
| cr_kpc   | 0.9641 |

Reduced Form for Exogenous Variables

|          |         |        |        |           |           |           |
|----------|---------|--------|--------|-----------|-----------|-----------|
| Variable | N_kpc   | L_kpc  | d1     | d2        | d3        | d4        |
| cr_kpc   | 17.4160 | 8.7888 | 5.6474 | -348.1471 | -362.3261 | -537.8703 |

Reduced Form for Exogenous Variables

|          |           |           |           |           |           |           |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Variable | d5        | d6        | d7        | d8        | d9        | d10       |
| cr_kpc   | -485.1531 | -309.0107 | -259.1203 | -142.0452 | -230.8753 | -205.9305 |

Reduced Form for Exogenous Variables

|          |          |           |          |          |          |           |
|----------|----------|-----------|----------|----------|----------|-----------|
| Variable | d11      | dmay05    | dmar05   | dmar06   | mar12on  | Intercept |
| cr_kpc   | -47.8275 | -377.3073 | 980.9903 | 618.8470 | -54.3943 | -3435     |



Residential Customers  
Model Simulation

The SIMLIN Procedure

Fit Statistics

| Variable | N   | Mean<br>Error | Mean Pct<br>Error | Mean Abs<br>Error | Mean Abs<br>Pct Error | RMS<br>Error | RMS Pct<br>Error |
|----------|-----|---------------|-------------------|-------------------|-----------------------|--------------|------------------|
| cr_kpc   | 144 | 20.3009       | 0.0141            | 210.7840          | 0.14685               | 268.3612     | 0.1870           |

Residential Customers  
Actual and Forecast

| Year | Residential Customers | Growth Rate |
|------|-----------------------|-------------|
| 2001 | 144079.08             | .           |
| 2002 | 144399.50             | 0.2         |
| 2003 | 144487.17             | 0.1         |
| 2004 | 144433.58             | 0.0         |
| 2005 | 144512.67             | 0.1         |
| 2006 | 144446.50             | 0.0         |
| 2007 | 144206.58             | -0.2        |
| 2008 | 144105.42             | -0.1        |
| 2009 | 143628.08             | -0.3        |
| 2010 | 142971.08             | -0.5        |
| 2011 | 141859.75             | -0.8        |
| 2012 | 140928.92             | -0.7        |
| 2013 | 140396.97             | -0.4        |
| 2014 | 139978.87             | -0.3        |
| 2015 | 139821.77             | -0.1        |
| 2016 | 139802.59             | 0.0         |
| 2017 | 139797.70             | 0.0         |
| 2018 | 139852.21             | 0.0         |
| 2019 | 139856.17             | 0.0         |
| 2020 | 139844.45             | 0.0         |
| 2021 | 139818.59             | 0.0         |
| 2022 | 139776.00             | 0.0         |
| 2023 | 139719.24             | 0.0         |
| 2024 | 139655.22             | 0.0         |
| 2025 | 139591.67             | 0.0         |
| 2026 | 139530.49             | 0.0         |
| 2027 | 139469.52             | 0.0         |
| 2028 | 139405.82             | 0.0         |
| 2029 | 139339.75             | 0.0         |
| 2030 | 139275.70             | 0.0         |
| 2031 | 139207.73             | 0.0         |
| 2032 | 139130.23             | -0.1        |
| 2033 | 139041.75             | -0.1        |
| 2034 | 138953.48             | -0.1        |
| 2035 | 138894.07             | 0.0         |
| 2036 | 138883.31             | 0.0         |
| 2037 | 138921.16             | 0.0         |
| 2038 | 138985.88             | 0.0         |
| 2039 | 139064.96             | 0.1         |
| 2040 | 139157.24             | 0.1         |
| 2041 | 139258.23             | 0.1         |
| 2042 | 139368.10             | 0.1         |

KPCo Result Data

| Year | Month | SalesPerHH       | XHeat  | XCool  | XOther | Jan  | Feb  | Mar | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Sep-95 | Aug-95 | 7-Feb |
|------|-------|------------------|--------|--------|--------|------|------|-----|------|------|------|------|------|------|------|------|--------|--------|-------|
| 1995 | 1     | 1,844,397,517.86 | 220.43 | 0.43   | 737.95 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 2     | 1,596,350,328.23 | 317.27 | 0.00   | 651.72 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 3     | 1,254,741,611.82 | 258.32 | 0.00   | 632.60 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 4     | 968,155,387.32   | 121.12 | 4.55   | 630.54 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 5     | 905,534,412.93   | 43.93  | 19.93  | 611.46 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 6     | 960,439,592.03   | 9.04   | 89.05  | 624.69 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 7     | 1,379,927,028.27 | 0.49   | 225.80 | 611.56 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 8     | 1,533,806,987.23 | 0.00   | 374.74 | 589.42 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 1.00   | 0.00  |
| 1995 | 9     | 915,975,408.13   | 0.18   | 344.56 | 614.40 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00   | 0.00   | 0.00  |
| 1995 | 10    | 895,857,463.57   | 4.85   | 124.23 | 609.69 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 11    | 1,498,882,470.13 | 74.25  | 19.15  | 627.36 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00   | 0.00   | 0.00  |
| 1995 | 12    | 1,967,901,146.64 | 203.87 | 1.68   | 714.55 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 1     | 2,076,798,617.87 | 340.05 | 0.10   | 739.87 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 2     | 1,961,229,679.54 | 370.98 | 0.00   | 654.25 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 3     | 1,540,773,591.60 | 282.20 | 0.00   | 630.77 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 4     | 1,352,304,482.67 | 194.82 | 5.33   | 633.88 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 5     | 960,242,182.05   | 71.99  | 54.71  | 610.85 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 6     | 988,971,148.58   | 13.47  | 131.69 | 624.33 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 7     | 1,190,706,251.20 | 1.31   | 256.73 | 606.80 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 8     | 1,142,380,692.84 | 0.00   | 273.69 | 584.60 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 9     | 1,112,761,645.72 | 0.00   | 240.35 | 611.42 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 10    | 879,169,425.21   | 8.70   | 89.51  | 613.12 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 11    | 1,080,485,228.78 | 73.95  | 15.17  | 627.64 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00   | 0.00   | 0.00  |
| 1996 | 12    | 1,639,880,269.11 | 203.29 | 2.60   | 713.13 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 1     | 1,872,862,109.57 | 259.26 | 0.93   | 740.06 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 2     | 1,697,515,457.67 | 307.65 | 0.67   | 656.02 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 3     | 1,310,969,527.87 | 212.21 | 2.17   | 633.91 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 4     | 1,181,396,423.42 | 128.31 | 5.25   | 635.30 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 5     | 971,922,643.18   | 66.67  | 6.78   | 614.80 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 6     | 898,196,542.17   | 18.71  | 40.49  | 626.42 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 7     | 1,173,407,879.02 | 1.96   | 196.09 | 611.36 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 8     | 1,213,288,242.80 | 0.00   | 286.52 | 589.04 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 1997 | 9     | 1,055,187,091.32 | 0.00   | 196.93 | 616.08 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |







KPCo Result Data

| Year | Month | SalesPerHH       | XHeat  | XCool  | XOther | Jan  | Feb  | Mar | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Sep-95 | Aug-95 | 7-Feb |
|------|-------|------------------|--------|--------|--------|------|------|-----|------|------|------|------|------|------|------|------|--------|--------|-------|
| 2006 | 1     | 2,207,723,455.09 | 288.70 | 0.39   | 812.01 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 2     | 1,804,836,407.67 | 256.25 | 0.00   | 715.17 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 3     | 1,626,827,484.43 | 273.59 | 1.11   | 695.02 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 4     | 1,262,415,619.81 | 175.59 | 13.43  | 662.41 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 5     | 940,154,584.15   | 44.09  | 26.14  | 670.61 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 6     | 1,057,778,073.83 | 4.53   | 88.87  | 664.06 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 7     | 1,271,276,787.08 | 0.55   | 228.53 | 643.93 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 8     | 1,424,173,576.06 | 0.00   | 394.44 | 635.21 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 9     | 1,255,081,860.97 | 0.40   | 315.02 | 673.14 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 10    | 971,237,941.14   | 16.71  | 97.30  | 675.04 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 11    | 1,232,087,453.73 | 97.08  | 11.66  | 677.70 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00   | 0.00   | 0.00  |
| 2006 | 12    | 1,774,977,717.67 | 174.69 | 2.75   | 760.00 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 1     | 1,894,406,857.02 | 201.16 | 0.90   | 787.06 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 2     | 2,214,653,079.54 | 361.66 | 0.08   | 695.25 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 1.00  |
| 2007 | 3     | 1,845,838,373.91 | 363.97 | 1.72   | 679.42 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 4     | 1,270,902,877.67 | 176.45 | 22.94  | 698.38 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 5     | 1,045,100,110.54 | 64.36  | 46.65  | 670.59 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 6     | 1,145,911,905.28 | 12.69  | 150.24 | 662.21 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 7     | 1,271,357,530.66 | 0.47   | 270.77 | 641.54 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 8     | 1,344,388,712.93 | 0.00   | 340.16 | 636.62 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 9     | 1,445,614,073.19 | 0.00   | 381.45 | 667.37 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 10    | 1,068,750,060.73 | 2.89   | 233.50 | 668.36 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 11    | 1,140,305,733.77 | 57.67  | 68.68  | 699.34 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00   | 0.00   | 0.00  |
| 2007 | 12    | 1,690,170,524.83 | 177.64 | 7.61   | 757.79 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 1     | 2,114,912,301.05 | 272.72 | 0.00   | 794.10 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 2     | 2,006,611,403.69 | 338.87 | 0.00   | 695.70 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 3     | 1,805,065,064.25 | 315.71 | 0.00   | 680.93 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 4     | 1,341,179,216.32 | 178.16 | 1.09   | 697.26 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 5     | 961,256,323.06   | 56.89  | 14.56  | 652.29 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 6     | 1,065,972,952.47 | 8.98   | 87.57  | 658.83 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 7     | 1,245,205,919.79 | 0.51   | 198.42 | 632.26 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 8     | 1,302,137,681.46 | 0.00   | 268.45 | 632.79 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2008 | 9     | 1,237,861,165.76 | 0.00   | 269.65 | 663.69 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |

















KPCo Result Data

| Year | Month | SalesPerHH | XHeat  | XCool  | XOther | Jan  | Feb  | Mar | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Sep-95 | Aug-95 | 7-Feb |
|------|-------|------------|--------|--------|--------|------|------|-----|------|------|------|------|------|------|------|------|--------|--------|-------|
| 2028 | 1     |            | 295.64 | 0.56   | 701.79 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 2     |            | 343.90 | 0.11   | 626.61 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 3     |            | 278.15 | 1.36   | 610.68 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 4     |            | 158.03 | 11.38  | 620.67 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 5     |            | 55.78  | 38.25  | 609.98 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 6     |            | 10.78  | 117.50 | 622.29 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 7     |            | 0.93   | 260.35 | 606.86 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 8     |            | 0.00   | 339.89 | 583.15 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 9     |            | 0.08   | 293.93 | 605.54 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 10    |            | 9.86   | 134.36 | 600.65 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 11    |            | 64.44  | 31.11  | 612.19 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00   | 0.00   | 0.00  |
| 2028 | 12    |            | 179.75 | 4.02   | 688.97 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 1     |            | 296.10 | 0.57   | 704.47 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 2     |            | 344.43 | 0.11   | 629.05 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 3     |            | 278.57 | 1.37   | 613.10 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 4     |            | 158.27 | 11.49  | 623.19 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 5     |            | 55.86  | 38.64  | 612.53 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 6     |            | 10.80  | 118.69 | 624.97 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 7     |            | 0.93   | 263.01 | 609.52 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 8     |            | 0.00   | 343.36 | 585.69 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 9     |            | 0.08   | 296.93 | 608.13 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 10    |            | 9.87   | 135.72 | 603.13 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 11    |            | 64.54  | 31.43  | 614.62 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00   | 0.00   | 0.00  |
| 2029 | 12    |            | 180.02 | 4.06   | 691.63 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 1     |            | 296.56 | 0.57   | 707.52 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 2     |            | 344.95 | 0.11   | 631.82 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 3     |            | 279.00 | 1.38   | 615.83 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 4     |            | 158.51 | 11.61  | 626.04 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 5     |            | 55.95  | 39.03  | 615.40 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 6     |            | 10.81  | 119.90 | 627.97 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 7     |            | 0.93   | 265.68 | 612.50 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 8     |            | 0.00   | 346.85 | 588.55 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2030 | 9     |            | 0.08   | 299.96 | 611.05 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |









KPCo Revenue Data

| Year | Month | SalesPerHH | XHeat  | XCool  | XOther | Jan  | Feb  | Mar | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Sep-95 | Aug-95 | 7-Feb |
|------|-------|------------|--------|--------|--------|------|------|-----|------|------|------|------|------|------|------|------|--------|--------|-------|
| 2039 | 1     |            | 295.71 | 0.62   | 735.58 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 2     |            | 343.96 | 0.12   | 657.17 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 3     |            | 278.19 | 1.50   | 640.86 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 4     |            | 158.05 | 12.54  | 651.98 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 5     |            | 55.78  | 42.15  | 641.39 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 6     |            | 10.78  | 129.47 | 654.99 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 7     |            | 0.93   | 286.89 | 639.22 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 8     |            | 0.00   | 374.52 | 614.11 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 9     |            | 0.08   | 323.88 | 637.25 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 10    |            | 9.86   | 148.04 | 631.23 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 11    |            | 64.44  | 34.28  | 642.49 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00   | 0.00   | 0.00  |
| 2039 | 12    |            | 179.74 | 4.43   | 722.24 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 1     |            | 295.52 | 0.62   | 738.63 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 2     |            | 343.75 | 0.12   | 659.94 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 3     |            | 278.02 | 1.51   | 643.59 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 4     |            | 157.95 | 12.64  | 654.82 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 5     |            | 55.75  | 42.50  | 644.23 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 6     |            | 10.78  | 130.54 | 657.95 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 7     |            | 0.93   | 289.25 | 642.15 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 8     |            | 0.00   | 377.60 | 616.92 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 9     |            | 0.08   | 326.54 | 640.12 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 10    |            | 9.85   | 149.25 | 634.00 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 11    |            | 64.40  | 34.56  | 645.23 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00   | 0.00   | 0.00  |
| 2040 | 12    |            | 179.61 | 4.47   | 725.25 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 1     |            | 295.24 | 0.63   | 741.51 | 1.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 2     |            | 343.42 | 0.12   | 662.55 | 0.00 | 1.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 3     |            | 277.76 | 1.52   | 646.18 | 0.00 | 0.00 | 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 4     |            | 157.80 | 12.74  | 657.52 | 0.00 | 0.00 | 0   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 5     |            | 55.70  | 42.84  | 646.95 | 0.00 | 0.00 | 0   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 6     |            | 10.77  | 131.59 | 660.80 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 7     |            | 0.93   | 291.58 | 645.00 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 8     |            | 0.00   | 380.67 | 619.67 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |
| 2041 | 9     |            | 0.08   | 329.21 | 642.97 | 0.00 | 0.00 | 0   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00  |

















KPCo Result Data

| Year | Month | Dec-95 | JanD06on | FebD06on | MarD06on | 11-Feb | 11-Mar | XMissing | YMissing |
|------|-------|--------|----------|----------|----------|--------|--------|----------|----------|
| 2011 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2011 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2011 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2011 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2011 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2011 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 4     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 5     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 6     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2012 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2013 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2013 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 0        |
| 2013 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 4     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 5     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 6     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2013 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2014 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2014 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2014 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 1        |







KPCo Reservoir Data

| Year | Month | Dec-95 | JanD06on | FebD06on | MarD06on | 11-Feb | 11-Mar | XMissing | YMissing |
|------|-------|--------|----------|----------|----------|--------|--------|----------|----------|
| 2022 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2022 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2022 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2022 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2022 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2022 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 4     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 5     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 6     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2023 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 4     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 5     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 6     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2024 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2025 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2025 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2025 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 1        |









KPCo Result Data

| Year | Month | Dec-95 | JanD06on | FebD06on | MarD06on | 11-Feb | 11-Mar | XMissing | YMissing |
|------|-------|--------|----------|----------|----------|--------|--------|----------|----------|
| 2033 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2033 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2033 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2033 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2033 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2033 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 4     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 5     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 6     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2034 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 4     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 5     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 6     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 7     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 8     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 9     | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 10    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 11    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2035 | 12    | 0.00   | 0.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2036 | 1     | 0.00   | 1.00     | 0.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2036 | 2     | 0.00   | 0.00     | 1.00     | 0.00     | 0.00   | 0.00   | 0        | 1        |
| 2036 | 3     | 0.00   | 0.00     | 0.00     | 1.00     | 0.00   | 0.00   | 0        | 1        |







KPCo Res Model Coefficients

| Variable               | Coefficient    | StdErr        | T-Stat  | P-Value | Definition                        |
|------------------------|----------------|---------------|---------|---------|-----------------------------------|
| CONST                  | 473605208.534  | 140236726.629 | 3.377   | 0.09%   | Constant term                     |
| ResidentialVars.XHeat  | 3118461.983    | 138042.081    | 22.591  | 0.00%   | Residential Heating Component     |
| ResidentialVars.XCool  | 1022622.317    | 129917.963    | 7.871   | 0.00%   | Residential Cooling Component     |
| ResidentialVars.XOther | 889543.691     | 189769.207    | 4.688   | 0.00%   | Residential NonHVAC Component     |
| BinaryVars.Jan         | -17806503.500  | 28543260.813  | -0.624  | 53.35%  | January                           |
| BinaryVars.Feb         | -337282859.042 | 35825737.161  | -9.415  | 0.00%   | February                          |
| BinaryVars.Mar         | -390213570.788 | 32195513.161  | -12.120 | 0.00%   | March                             |
| BinaryVars.Apr         | -338613584.818 | 26053916.680  | -12.997 | 0.00%   | April                             |
| BinaryVars.May         | -282225653.449 | 32534449.689  | -8.675  | 0.00%   | May                               |
| BinaryVars.Jun         | -153291591.086 | 37862488.953  | -4.049  | 0.01%   | June                              |
| BinaryVars.Jul         | -18600060.638  | 50358107.210  | -0.369  | 71.23%  | July                              |
| BinaryVars.Aug         | -43083809.463  | 59560502.007  | -0.723  | 47.03%  | August                            |
| BinaryVars.Sep         | -122400965.232 | 52803918.362  | -2.318  | 2.15%   | September                         |
| BinaryVars.Oct         | -245120281.567 | 39643890.480  | -6.183  | 0.00%   | October                           |
| BinaryVars.Nov         | -156037755.574 | 30338782.910  | -5.143  | 0.00%   | November                          |
| BinaryVars.Sep95       | -334682741.199 | 65497998.467  | -5.110  | 0.00%   | Binary Variable September 1995    |
| BinaryVars.Aug95       | 195752006.450  | 65180262.847  | 3.003   | 0.30%   | Binary Variable August 1995       |
| BinaryVars.Feb07       | 143931235.826  | 67851023.698  | 2.121   | 3.52%   | Binary Variable February 2007     |
| BinaryVars.Dec95       | 221175521.547  | 64949225.355  | 3.405   | 0.08%   | Binary Variable December 1995     |
| BinaryVars.JanD06on    | 126113390.449  | 29197802.002  | 4.319   | 0.00%   | Binary Variable 2006 On Januarys  |
| BinaryVars.FebD06on    | 188034427.423  | 31860013.898  | 5.902   | 0.00%   | Binary Variable 2006 On Februarys |
| BinaryVars.MarD06on    | 90755338.503   | 32223424.617  | 2.816   | 0.54%   | Binary Variable 2006 on Marchs    |
| BinaryVars.Feb11       | -132133187.203 | 68908320.398  | -1.918  | 5.66%   | Binary Variable February 2011     |
| BinaryVars.Mar11       | -53708619.405  | 68076573.064  | -0.789  | 43.11%  | Binary Variable March 2011        |

## Model Statistics

|                           |                               |               |
|---------------------------|-------------------------------|---------------|
| Iterations                |                               | 1             |
| Adjusted Observations     |                               | 218           |
| Deg. of Freedom for Error |                               | 194           |
| R-Squared                 |                               | 0.976         |
| Adjusted R-Squared        |                               | 0.974         |
| AIC                       |                               | 36.010        |
| BIC                       |                               | 36.383        |
| F-Statistic               |                               | 348.364       |
| Prob (F-Statistic)        |                               | 0.0000        |
| Log-Likelihood            |                               | -4,210.46     |
| Model Sum of Squares      | 31,469,718,733,589,600,000.00 |               |
| Sum of Squared Errors     | 761,962,966,958,696,000.00    |               |
| Mean Squared Error        | 3,927,644,159,580,910.00      |               |
| Std. Error of Regression  |                               | 62,670,919.57 |
| Mean Abs. Dev. (MAD)      |                               | 42,676,505.67 |
| Mean Abs. % Err. (MAPE)   |                               | 3.18%         |
| Durbin-Watson Statistic   |                               | 1.343         |
| Durbin-H Statistic        | #NA                           |               |
| Ljung-Box Statistic       |                               | 108.72        |
| Prob (Ljung-Box)          |                               | 0.0000        |
| Skewness                  |                               | 1.220         |
| Kurtosis                  |                               | 9.793         |
| Jarque-Bera               |                               | 473.257       |
| Prob (Jarque-Bera)        |                               | 0.0000        |

## Forecast Statistics

|                                |        |
|--------------------------------|--------|
| Forecast Observations          | 0      |
| Mean Abs. Dev. (MAD)           | 0.00   |
| Mean Abs. % Err. (MAPE)        | 0.00%  |
| Avg. Forecast Error            | 0.00   |
| Mean % Error                   | 0.00%  |
| Root Mean-Square Error         | 0.00   |
| Theil's Inequality Coefficient | 0.0000 |
| -- Bias Proportion             | 0.00%  |
| -- Variance Proportion         | 0.00%  |
| -- Covariance Proportion       | 0.00%  |



KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 1995 | 1     | 1,800,076,156.221 | 473,605,208.534 | 687,399,187.317   | 442,840.140     | 656,435,423.731 | -17,806,503.500 | 0.000            |
| 1995 | 2     | 1,705,460,831.358 | 473,605,208.534 | 989,405,501.965   | 0.000           | 579,732,979.901 | 0.000           | -337,282,859.042 |
| 1995 | 3     | 1,451,663,713.460 | 473,605,208.534 | 805,548,188.880   | 0.000           | 562,723,886.833 | 0.000           | 0.000            |
| 1995 | 4     | 1,078,245,875.853 | 473,605,208.534 | 377,714,795.039   | 4,650,035.462   | 560,889,421.635 | 0.000           | 0.000            |
| 1995 | 5     | 892,661,278.584   | 473,605,208.534 | 136,980,279.621   | 20,384,506.786  | 543,916,937.091 | 0.000           | 0.000            |
| 1995 | 6     | 995,265,556.460   | 473,605,208.534 | 28,200,366.037    | 91,066,033.397  | 555,685,539.578 | 0.000           | 0.000            |
| 1995 | 7     | 1,231,451,416.619 | 473,605,208.534 | 1,526,988.180     | 230,907,212.668 | 544,012,067.874 | 0.000           | 0.000            |
| 1995 | 8     | 1,533,806,987.231 | 473,605,208.534 | 0.000             | 383,220,619.171 | 524,312,962.539 | 0.000           | 0.000            |
| 1995 | 9     | 915,975,408.134   | 473,605,208.534 | 565,231.441       | 352,353,323.483 | 546,535,351.106 | 0.000           | 0.000            |
| 1995 | 10    | 912,985,847.237   | 473,605,208.534 | 15,114,939.132    | 127,039,792.274 | 542,346,188.863 | 0.000           | 0.000            |
| 1995 | 11    | 1,126,745,657.971 | 473,605,208.534 | 231,532,453.412   | 19,585,998.741  | 558,059,752.858 | 0.000           | 0.000            |
| 1995 | 12    | 1,967,901,146.641 | 473,605,208.534 | 635,775,515.586   | 1,721,973.014   | 635,622,927.960 | 0.000           | 0.000            |
| 1996 | 1     | 2,174,468,608.990 | 473,605,208.534 | 1,060,421,732.486 | 100,388.852     | 658,147,782.617 | -17,806,503.500 | 0.000            |
| 1996 | 2     | 1,875,181,916.034 | 473,605,208.534 | 1,156,876,926.830 | 0.000           | 581,982,639.712 | 0.000           | -337,282,859.042 |
| 1996 | 3     | 1,524,506,897.265 | 473,605,208.534 | 880,017,797.609   | 0.000           | 561,097,461.910 | 0.000           | 0.000            |
| 1996 | 4     | 1,311,829,733.556 | 473,605,208.534 | 607,528,423.954   | 5,449,530.694   | 563,860,155.192 | 0.000           | 0.000            |
| 1996 | 5     | 1,015,214,418.430 | 473,605,208.534 | 224,502,929.180   | 55,951,202.329  | 543,380,731.836 | 0.000           | 0.000            |
| 1996 | 6     | 1,052,335,527.097 | 473,605,208.534 | 41,991,079.521    | 134,665,092.998 | 555,365,737.130 | 0.000           | 0.000            |
| 1996 | 7     | 1,261,416,688.943 | 473,605,208.534 | 4,093,433.590     | 262,540,143.841 | 539,777,963.615 | 0.000           | 0.000            |
| 1996 | 8     | 1,230,432,573.190 | 473,605,208.534 | 0.000             | 279,885,685.827 | 520,025,488.292 | 0.000           | 0.000            |
| 1996 | 9     | 1,140,871,888.307 | 473,605,208.534 | 0.000             | 245,785,102.588 | 543,882,542.418 | 0.000           | 0.000            |
| 1996 | 10    | 892,538,371.315   | 473,605,208.534 | 27,116,459.007    | 91,535,686.108  | 545,401,299.232 | 0.000           | 0.000            |
| 1996 | 11    | 1,121,989,912.638 | 473,605,208.534 | 230,599,279.538   | 15,509,575.731  | 558,313,604.410 | 0.000           | 0.000            |
| 1996 | 12    | 1,744,559,834.211 | 473,605,208.534 | 633,939,030.679   | 2,657,046.812   | 634,358,548.186 | 0.000           | 0.000            |
| 1997 | 1     | 1,923,562,055.297 | 473,605,208.534 | 808,489,250.887   | 955,705.125     | 658,318,394.252 | -17,806,503.500 | 0.000            |
| 1997 | 2     | 1,679,953,484.011 | 473,605,208.534 | 959,393,136.548   | 680,124.471     | 583,557,873.500 | 0.000           | -337,282,859.042 |
| 1997 | 3     | 1,311,258,539.281 | 473,605,208.534 | 661,756,908.945   | 2,216,057.287   | 563,893,935.304 | 0.000           | 0.000            |
| 1997 | 4     | 1,105,617,076.484 | 473,605,208.534 | 400,122,618.913   | 5,371,690.348   | 565,131,143.507 | 0.000           | 0.000            |
| 1997 | 5     | 953,130,827.510   | 473,605,208.534 | 207,921,093.799   | 6,935,305.996   | 546,894,872.630 | 0.000           | 0.000            |
| 1997 | 6     | 977,300,883.480   | 473,605,208.534 | 58,358,341.207    | 41,401,288.618  | 557,227,636.207 | 0.000           | 0.000            |
| 1997 | 7     | 1,205,468,523.397 | 473,605,208.534 | 6,105,686.497     | 200,524,486.723 | 543,833,202.281 | 0.000           | 0.000            |
| 1997 | 8     | 1,247,498,558.005 | 473,605,208.534 | 0.000             | 293,002,613.172 | 523,974,545.761 | 0.000           | 0.000            |
| 1997 | 9     | 1,100,620,224.638 | 473,605,208.534 | 0.000             | 201,389,329.992 | 548,026,651.344 | 0.000           | 0.000            |

KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 1997 | 10    | 878,321,450.100   | 473,605,208.534 | 19,344,628.864    | 80,680,216.468  | 549,811,677.800 | 0.000           | 0.000            |
| 1997 | 11    | 1,156,436,528.333 | 473,605,208.534 | 270,627,499.967   | 23,931,975.267  | 544,309,600.139 | 0.000           | 0.000            |
| 1997 | 12    | 1,748,482,683.430 | 473,605,208.534 | 622,530,319.256   | 3,888,314.283   | 648,458,841.358 | 0.000           | 0.000            |
| 1998 | 1     | 1,873,954,203.813 | 473,605,208.534 | 746,672,963.535   | 0.000           | 671,482,535.244 | -17,806,503.500 | 0.000            |
| 1998 | 2     | 1,515,048,552.616 | 473,605,208.534 | 789,051,467.466   | 0.000           | 589,674,735.657 | 0.000           | -337,282,859.042 |
| 1998 | 3     | 1,334,591,347.621 | 473,605,208.534 | 679,939,935.819   | 25,812.335      | 571,233,961.721 | 0.000           | 0.000            |
| 1998 | 4     | 1,180,423,865.785 | 473,605,208.534 | 440,137,420.081   | 32,731,922.169  | 572,562,899.819 | 0.000           | 0.000            |
| 1998 | 5     | 910,277,185.303   | 473,605,208.534 | 134,970,350.158   | 29,149,463.676  | 554,777,816.385 | 0.000           | 0.000            |
| 1998 | 6     | 1,011,235,879.754 | 473,605,208.534 | 14,845,835.020    | 110,937,448.727 | 565,138,978.559 | 0.000           | 0.000            |
| 1998 | 7     | 1,264,540,685.567 | 473,605,208.534 | 712,138.219       | 260,117,177.794 | 548,706,221.657 | 0.000           | 0.000            |
| 1998 | 8     | 1,273,021,388.534 | 473,605,208.534 | 135,402.583       | 309,561,620.897 | 532,802,965.982 | 0.000           | 0.000            |
| 1998 | 9     | 1,217,496,925.353 | 473,605,208.534 | 0.000             | 305,603,290.777 | 560,689,391.274 | 0.000           | 0.000            |
| 1998 | 10    | 1,006,292,988.753 | 473,605,208.534 | 7,761,847.332     | 212,920,762.660 | 557,125,451.793 | 0.000           | 0.000            |
| 1998 | 11    | 1,110,189,835.790 | 473,605,208.534 | 161,348,083.376   | 56,864,313.515  | 574,409,985.940 | 0.000           | 0.000            |
| 1998 | 12    | 1,469,283,158.203 | 473,605,208.534 | 351,622,290.651   | 5,536,665.891   | 638,518,993.128 | 0.000           | 0.000            |
| 1999 | 1     | 2,021,603,833.439 | 473,605,208.534 | 881,911,962.809   | 1,683,288.799   | 682,209,876.797 | -17,806,503.500 | 0.000            |
| 1999 | 2     | 1,537,458,094.849 | 473,605,208.534 | 800,918,090.615   | 314,707.681     | 599,902,947.061 | 0.000           | -337,282,859.042 |
| 1999 | 3     | 1,494,260,264.503 | 473,605,208.534 | 828,504,355.491   | 0.000           | 582,364,271.265 | 0.000           | 0.000            |
| 1999 | 4     | 1,274,821,587.003 | 473,605,208.534 | 549,807,376.342   | 7,550,805.293   | 582,471,781.652 | 0.000           | 0.000            |
| 1999 | 5     | 930,484,805.272   | 473,605,208.534 | 150,625,622.091   | 27,880,870.833  | 560,598,757.262 | 0.000           | 0.000            |
| 1999 | 6     | 1,031,501,352.741 | 473,605,208.534 | 13,353,991.666    | 126,592,417.670 | 571,241,325.956 | 0.000           | 0.000            |
| 1999 | 7     | 1,328,887,701.631 | 473,605,208.534 | 0.000             | 316,218,169.970 | 557,664,383.765 | 0.000           | 0.000            |
| 1999 | 8     | 1,406,438,142.093 | 473,605,208.534 | 0.000             | 436,743,603.120 | 539,173,139.901 | 0.000           | 0.000            |
| 1999 | 9     | 1,205,257,830.863 | 473,605,208.534 | 163,655.891       | 289,239,699.793 | 564,650,231.877 | 0.000           | 0.000            |
| 1999 | 10    | 906,133,011.882   | 473,605,208.534 | 18,220,569.019    | 94,264,306.508  | 565,163,209.388 | 0.000           | 0.000            |
| 1999 | 11    | 1,056,825,574.399 | 473,605,208.534 | 155,877,032.216   | 13,957,981.583  | 569,423,107.640 | 0.000           | 0.000            |
| 1999 | 12    | 1,565,016,024.971 | 473,605,208.534 | 428,971,942.781   | 689,040.048     | 661,749,833.608 | 0.000           | 0.000            |
| 2000 | 1     | 1,967,022,848.012 | 473,605,208.534 | 818,051,574.958   | 0.000           | 693,172,568.020 | -17,806,503.500 | 0.000            |
| 2000 | 2     | 1,899,028,214.748 | 473,605,208.534 | 1,149,780,042.140 | 0.000           | 612,925,823.116 | 0.000           | -337,282,859.042 |
| 2000 | 3     | 1,334,312,307.336 | 473,605,208.534 | 658,647,352.911   | 1,651,940.108   | 590,621,376.571 | 0.000           | 0.000            |
| 2000 | 4     | 1,043,874,403.816 | 473,605,208.534 | 313,297,640.229   | 4,376,481.371   | 591,208,658.500 | 0.000           | 0.000            |
| 2000 | 5     | 944,272,916.991   | 473,605,208.534 | 137,741,170.422   | 42,961,592.562  | 572,190,598.921 | 0.000           | 0.000            |
| 2000 | 6     | 1,050,067,651.675 | 473,605,208.534 | 24,169,183.339    | 129,032,745.718 | 576,552,105.170 | 0.000           | 0.000            |

KPCo Res [ ] Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2000 | 7     | 1,274,470,872.552 | 473,605,208.534 | 55,645.360        | 252,346,769.035 | 567,063,310.261 | 0.000           | 0.000            |
| 2000 | 8     | 1,240,176,924.040 | 473,605,208.534 | 0.000             | 259,854,837.027 | 549,800,687.941 | 0.000           | 0.000            |
| 2000 | 9     | 1,162,224,651.196 | 473,605,208.534 | 846,180.692       | 228,041,180.341 | 582,133,046.862 | 0.000           | 0.000            |
| 2000 | 10    | 976,339,602.499   | 473,605,208.534 | 47,252,886.373    | 112,462,322.188 | 588,139,466.970 | 0.000           | 0.000            |
| 2000 | 11    | 1,115,132,594.364 | 473,605,208.534 | 175,583,974.949   | 26,857,725.132  | 595,123,441.323 | 0.000           | 0.000            |
| 2000 | 12    | 1,905,434,943.811 | 473,605,208.534 | 759,254,544.264   | 2,627,934.454   | 669,947,256.558 | 0.000           | 0.000            |
| 2001 | 1     | 2,482,257,070.077 | 473,605,208.534 | 1,315,202,204.337 | 0.000           | 711,256,160.706 | -17,806,503.500 | 0.000            |
| 2001 | 2     | 1,973,966,909.006 | 473,605,208.534 | 1,203,690,816.737 | 0.000           | 633,953,742.777 | 0.000           | -337,282,859.042 |
| 2001 | 3     | 1,550,470,680.717 | 473,605,208.534 | 858,941,069.098   | 0.000           | 608,137,973.873 | 0.000           | 0.000            |
| 2001 | 4     | 1,361,317,752.454 | 473,605,208.534 | 588,858,441.811   | 31,661,854.046  | 605,805,832.880 | 0.000           | 0.000            |
| 2001 | 5     | 1,052,726,377.367 | 473,605,208.534 | 192,794,037.305   | 81,121,785.745  | 587,430,999.233 | 0.000           | 0.000            |
| 2001 | 6     | 1,046,280,448.144 | 473,605,208.534 | 23,988,693.143    | 99,987,470.798  | 601,990,666.756 | 0.000           | 0.000            |
| 2001 | 7     | 1,257,702,945.226 | 473,605,208.534 | 1,206,779.304     | 216,173,119.754 | 585,317,898.272 | 0.000           | 0.000            |
| 2001 | 8     | 1,328,543,219.550 | 473,605,208.534 | 0.000             | 338,492,588.248 | 559,529,232.231 | 0.000           | 0.000            |
| 2001 | 9     | 1,259,482,669.986 | 473,605,208.534 | 173,621.086       | 310,723,303.353 | 597,381,502.245 | 0.000           | 0.000            |
| 2001 | 10    | 980,435,874.839   | 473,605,208.534 | 35,616,357.906    | 123,953,779.316 | 592,380,810.650 | 0.000           | 0.000            |
| 2001 | 11    | 1,130,335,938.115 | 473,605,208.534 | 181,845,151.656   | 32,714,224.998  | 598,209,108.501 | 0.000           | 0.000            |
| 2001 | 12    | 1,432,334,822.002 | 473,605,208.534 | 277,858,269.804   | 5,616,405.773   | 675,254,937.891 | 0.000           | 0.000            |
| 2002 | 1     | 2,010,668,212.381 | 473,605,208.534 | 841,579,213.086   | 164,660.165     | 713,125,634.096 | -17,806,503.500 | 0.000            |
| 2002 | 2     | 1,649,694,578.872 | 473,605,208.534 | 885,412,619.240   | 0.000           | 627,959,610.140 | 0.000           | -337,282,859.042 |
| 2002 | 3     | 1,472,980,447.806 | 473,605,208.534 | 775,386,761.343   | 992,034.824     | 613,210,013.893 | 0.000           | 0.000            |
| 2002 | 4     | 1,250,517,126.699 | 473,605,208.534 | 487,649,413.123   | 15,381,579.705  | 612,494,510.154 | 0.000           | 0.000            |
| 2002 | 5     | 1,009,610,214.002 | 473,605,208.534 | 179,206,299.808   | 47,654,125.074  | 591,370,234.035 | 0.000           | 0.000            |
| 2002 | 6     | 1,127,516,478.461 | 473,605,208.534 | 72,896,458.788    | 127,313,452.534 | 606,992,949.691 | 0.000           | 0.000            |
| 2002 | 7     | 1,350,661,756.864 | 473,605,208.534 | 15,311,185.338    | 295,156,860.908 | 585,188,562.721 | 0.000           | 0.000            |
| 2002 | 8     | 1,415,465,701.304 | 473,605,208.534 | 0.000             | 416,325,516.271 | 568,618,785.962 | 0.000           | 0.000            |
| 2002 | 9     | 1,342,622,304.755 | 473,605,208.534 | 0.000             | 397,956,170.577 | 593,461,890.877 | 0.000           | 0.000            |
| 2002 | 10    | 1,050,785,808.310 | 473,605,208.534 | 17,143,432.181    | 211,989,166.970 | 593,168,282.191 | 0.000           | 0.000            |
| 2002 | 11    | 1,193,258,704.139 | 473,605,208.534 | 217,548,449.783   | 50,569,551.671  | 607,573,249.725 | 0.000           | 0.000            |
| 2002 | 12    | 1,881,266,574.234 | 473,605,208.534 | 710,164,382.863   | 5,451,451.334   | 692,045,531.503 | 0.000           | 0.000            |
| 2003 | 1     | 2,185,867,421.416 | 473,605,208.534 | 1,000,201,413.016 | 522,288.233     | 729,345,015.133 | -17,806,503.500 | 0.000            |
| 2003 | 2     | 2,110,822,931.900 | 473,605,208.534 | 1,338,064,669.085 | 0.000           | 636,435,913.323 | 0.000           | -337,282,859.042 |
| 2003 | 3     | 1,786,433,725.202 | 473,605,208.534 | 1,086,412,010.719 | 0.000           | 616,630,076.737 | 0.000           | 0.000            |

KPCo Residual Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2003 | 4     | 1,193,868,522.177 | 473,605,208.534 | 431,406,336.541   | 12,937,420.973  | 614,533,140.947 | 0.000           | 0.000            |
| 2003 | 5     | 929,481,245.565   | 473,605,208.534 | 104,925,237.091   | 36,567,090.277  | 596,609,363.112 | 0.000           | 0.000            |
| 2003 | 6     | 993,155,278.973   | 473,605,208.534 | 13,705,197.842    | 54,377,894.385  | 604,758,569.298 | 0.000           | 0.000            |
| 2003 | 7     | 1,236,498,284.939 | 473,605,208.534 | 0.000             | 197,410,532.952 | 584,082,604.091 | 0.000           | 0.000            |
| 2003 | 8     | 1,271,087,520.808 | 473,605,208.534 | 0.000             | 280,615,375.135 | 559,950,746.601 | 0.000           | 0.000            |
| 2003 | 9     | 1,238,344,140.935 | 473,605,208.534 | 0.000             | 284,794,194.126 | 602,345,703.508 | 0.000           | 0.000            |
| 2003 | 10    | 973,674,697.524   | 473,605,208.534 | 47,778,568.670    | 100,071,768.909 | 597,339,432.978 | 0.000           | 0.000            |
| 2003 | 11    | 1,085,311,000.662 | 473,605,208.534 | 147,692,931.135   | 17,284,607.441  | 602,766,009.127 | 0.000           | 0.000            |
| 2003 | 12    | 1,673,863,485.609 | 473,605,208.534 | 510,895,668.595   | 3,230,889.751   | 686,131,718.729 | 0.000           | 0.000            |
| 2004 | 1     | 2,114,168,250.915 | 473,605,208.534 | 932,303,198.343   | 932,915.963     | 725,133,431.576 | -17,806,503.500 | 0.000            |
| 2004 | 2     | 2,048,093,231.267 | 473,605,208.534 | 1,266,027,621.600 | 443,536.166     | 645,299,724.009 | 0.000           | -337,282,859.042 |
| 2004 | 3     | 1,620,303,249.774 | 473,605,208.534 | 912,302,578.914   | 2,053,933.563   | 622,555,099.550 | 0.000           | 0.000            |
| 2004 | 4     | 1,289,392,841.781 | 473,605,208.534 | 510,905,971.767   | 11,575,369.139  | 631,919,877.159 | 0.000           | 0.000            |
| 2004 | 5     | 1,029,970,396.184 | 473,605,208.534 | 182,501,154.577   | 63,393,656.321  | 592,696,030.201 | 0.000           | 0.000            |
| 2004 | 6     | 1,150,043,268.582 | 473,605,208.534 | 31,464,100.215    | 184,999,201.496 | 613,266,349.424 | 0.000           | 0.000            |
| 2004 | 7     | 1,313,149,972.914 | 473,605,208.534 | 1,801,259.360     | 265,243,772.863 | 591,099,792.796 | 0.000           | 0.000            |
| 2004 | 8     | 1,279,865,100.004 | 473,605,208.534 | 0.000             | 279,622,557.989 | 569,721,142.944 | 0.000           | 0.000            |
| 2004 | 9     | 1,197,730,399.070 | 473,605,208.534 | 0.000             | 252,982,343.539 | 593,543,812.230 | 0.000           | 0.000            |
| 2004 | 10    | 965,069,645.860   | 473,605,208.534 | 13,311,014.542    | 115,601,637.336 | 607,672,067.015 | 0.000           | 0.000            |
| 2004 | 11    | 1,039,014,342.226 | 473,605,208.534 | 88,905,183.602    | 28,611,970.230  | 603,929,735.434 | 0.000           | 0.000            |
| 2004 | 12    | 1,593,843,810.658 | 473,605,208.534 | 420,062,428.968   | 5,153,753.627   | 695,022,419.528 | 0.000           | 0.000            |
| 2005 | 1     | 1,983,804,985.607 | 473,605,208.534 | 810,467,768.007   | 532,936.702     | 717,005,575.864 | -17,806,503.500 | 0.000            |
| 2005 | 2     | 1,852,958,955.125 | 473,605,208.534 | 1,065,894,202.988 | 0.000           | 650,742,402.644 | 0.000           | -337,282,859.042 |
| 2005 | 3     | 1,693,219,302.093 | 473,605,208.534 | 978,294,405.024   | 0.000           | 631,533,259.323 | 0.000           | 0.000            |
| 2005 | 4     | 1,328,921,556.732 | 473,605,208.534 | 555,591,206.847   | 4,951,446.025   | 633,387,280.144 | 0.000           | 0.000            |
| 2005 | 5     | 999,864,908.266   | 473,605,208.534 | 198,780,245.425   | 19,628,318.713  | 590,076,789.042 | 0.000           | 0.000            |
| 2005 | 6     | 1,092,541,510.618 | 473,605,208.534 | 44,114,135.533    | 113,026,657.395 | 615,087,100.242 | 0.000           | 0.000            |
| 2005 | 7     | 1,389,048,961.499 | 473,605,208.534 | 4,244,227.153     | 338,214,461.959 | 591,585,124.491 | 0.000           | 0.000            |
| 2005 | 8     | 1,499,448,019.061 | 473,605,208.534 | 0.000             | 487,569,736.439 | 581,356,883.550 | 0.000           | 0.000            |
| 2005 | 9     | 1,371,499,532.641 | 473,605,208.534 | 0.000             | 418,753,155.070 | 601,542,134.269 | 0.000           | 0.000            |
| 2005 | 10    | 1,061,291,679.522 | 473,605,208.534 | 7,883,371.820     | 229,206,897.187 | 595,716,483.548 | 0.000           | 0.000            |
| 2005 | 11    | 1,195,337,945.224 | 473,605,208.534 | 202,890,940.084   | 53,103,778.168  | 621,775,774.013 | 0.000           | 0.000            |
| 2005 | 12    | 1,919,382,005.922 | 473,605,208.534 | 749,162,232.299   | 4,071,384.925   | 692,543,180.164 | 0.000           | 0.000            |

KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2006 | 1     | 2,204,926,459.687 | 473,605,208.534 | 900,295,078.312   | 401,323.482     | 722,317,962.410 | -17,806,503.500 | 0.000            |
| 2006 | 2     | 1,759,630,728.522 | 473,605,208.534 | 799,096,979.847   | 0.000           | 636,176,971.760 | 0.000           | -337,282,859.042 |
| 2006 | 3     | 1,646,727,710.162 | 473,605,208.534 | 853,190,377.172   | 1,139,089.703   | 618,251,267.037 | 0.000           | 0.000            |
| 2006 | 4     | 1,285,525,257.948 | 473,605,208.534 | 547,559,035.117   | 13,735,771.515  | 589,238,827.599 | 0.000           | 0.000            |
| 2006 | 5     | 952,131,749.042   | 473,605,208.534 | 137,484,325.490   | 26,726,825.999  | 596,541,042.469 | 0.000           | 0.000            |
| 2006 | 6     | 1,016,024,472.507 | 473,605,208.534 | 14,123,329.380    | 90,880,465.762  | 590,707,059.918 | 0.000           | 0.000            |
| 2006 | 7     | 1,263,231,809.495 | 473,605,208.534 | 1,724,221.209     | 233,696,125.661 | 572,806,314.729 | 0.000           | 0.000            |
| 2006 | 8     | 1,398,940,280.662 | 473,605,208.534 | 0.000             | 403,367,877.729 | 565,051,003.862 | 0.000           | 0.000            |
| 2006 | 9     | 1,273,392,831.963 | 473,605,208.534 | 1,256,915.407     | 322,142,153.471 | 598,789,519.783 | 0.000           | 0.000            |
| 2006 | 10    | 980,591,550.392   | 473,605,208.534 | 52,124,491.490    | 99,501,961.626  | 600,480,170.308 | 0.000           | 0.000            |
| 2006 | 11    | 1,235,080,612.227 | 473,605,208.534 | 302,747,267.089   | 11,925,042.936  | 602,840,849.243 | 0.000           | 0.000            |
| 2006 | 12    | 1,697,239,007.318 | 473,605,208.534 | 544,761,926.723   | 2,815,588.953   | 676,056,283.108 | 0.000           | 0.000            |
| 2007 | 1     | 1,910,260,096.138 | 473,605,208.534 | 627,305,587.169   | 918,639.875     | 700,123,773.612 | -17,806,503.500 | 0.000            |
| 2007 | 2     | 2,214,653,079.541 | 473,605,208.534 | 1,127,830,329.418 | 76,921.242      | 618,457,816.140 | 0.000           | -337,282,859.042 |
| 2007 | 3     | 1,915,301,654.373 | 473,605,208.534 | 1,135,017,154.019 | 1,762,802.758   | 604,374,721.347 | 0.000           | 0.000            |
| 2007 | 4     | 1,329,936,032.124 | 473,605,208.534 | 550,245,801.358   | 23,458,836.692  | 621,239,770.358 | 0.000           | 0.000            |
| 2007 | 5     | 1,036,311,277.284 | 473,605,208.534 | 200,706,590.035   | 47,708,920.773  | 596,516,211.391 | 0.000           | 0.000            |
| 2007 | 6     | 1,102,609,304.492 | 473,605,208.534 | 39,587,471.287    | 153,641,525.106 | 589,066,690.651 | 0.000           | 0.000            |
| 2007 | 7     | 1,304,039,024.740 | 473,605,208.534 | 1,458,713.642     | 276,896,706.947 | 570,678,456.255 | 0.000           | 0.000            |
| 2007 | 8     | 1,344,677,172.368 | 473,605,208.534 | 0.000             | 347,851,332.039 | 566,304,441.258 | 0.000           | 0.000            |
| 2007 | 9     | 1,334,931,812.289 | 473,605,208.534 | 0.000             | 390,075,536.086 | 593,652,032.902 | 0.000           | 0.000            |
| 2007 | 10    | 1,070,817,611.230 | 473,605,208.534 | 9,015,486.983     | 238,779,911.670 | 594,537,285.609 | 0.000           | 0.000            |
| 2007 | 11    | 1,189,747,232.850 | 473,605,208.534 | 179,852,286.401   | 70,236,368.223  | 622,091,125.266 | 0.000           | 0.000            |
| 2007 | 12    | 1,709,426,739.836 | 473,605,208.534 | 553,954,047.080   | 7,778,844.290   | 674,088,639.932 | 0.000           | 0.000            |
| 2008 | 1     | 2,138,752,099.232 | 473,605,208.534 | 850,456,827.317   | 0.000           | 706,383,176.432 | -17,806,503.500 | 0.000            |
| 2008 | 2     | 1,999,979,016.212 | 473,605,208.534 | 1,056,764,636.836 | 0.000           | 618,857,602.461 | 0.000           | -337,282,859.042 |
| 2008 | 3     | 1,764,382,401.778 | 473,605,208.534 | 984,515,564.401   | 0.000           | 605,719,861.128 | 0.000           | 0.000            |
| 2008 | 4     | 1,311,946,424.327 | 473,605,208.534 | 555,595,527.981   | 1,113,466.307   | 620,245,806.322 | 0.000           | 0.000            |
| 2008 | 5     | 963,921,204.395   | 473,605,208.534 | 177,413,791.095   | 14,886,608.116  | 580,241,250.099 | 0.000           | 0.000            |
| 2008 | 6     | 1,023,934,583.248 | 473,605,208.534 | 28,014,753.397    | 89,549,605.134  | 586,056,607.269 | 0.000           | 0.000            |
| 2008 | 7     | 1,221,919,861.499 | 473,605,208.534 | 1,577,903.086     | 202,910,607.106 | 562,426,203.411 | 0.000           | 0.000            |
| 2008 | 8     | 1,267,946,134.521 | 473,605,208.534 | 0.000             | 274,527,168.996 | 562,897,566.454 | 0.000           | 0.000            |
| 2008 | 9     | 1,217,327,561.271 | 473,605,208.534 | 0.000             | 275,746,351.441 | 590,376,966.529 | 0.000           | 0.000            |

KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2008 | 10    | 952,288,092.254   | 473,605,208.534 | 11,415,856.804    | 141,366,905.379 | 571,020,403.104 | 0.000           | 0.000            |
| 2008 | 11    | 1,161,260,574.284 | 473,605,208.534 | 228,883,281.492   | 30,453,247.085  | 584,356,592.748 | 0.000           | 0.000            |
| 2008 | 12    | 1,932,568,012.283 | 473,605,208.534 | 805,140,717.834   | 1,642,939.265   | 652,179,146.650 | 0.000           | 0.000            |
| 2009 | 1     | 2,315,099,609.254 | 473,605,208.534 | 1,042,530,850.962 | 0.000           | 690,656,662.810 | -17,806,503.500 | 0.000            |
| 2009 | 2     | 2,190,126,999.749 | 473,605,208.534 | 1,247,652,756.310 | 0.000           | 618,117,466.523 | 0.000           | -337,282,859.042 |
| 2009 | 3     | 1,724,459,729.019 | 473,605,208.534 | 960,712,859.136   | 3,066,547.424   | 586,533,346.211 | 0.000           | 0.000            |
| 2009 | 4     | 1,183,708,235.622 | 473,605,208.534 | 450,312,530.260   | 3,312,062.788   | 595,092,018.858 | 0.000           | 0.000            |
| 2009 | 5     | 960,898,522.102   | 473,605,208.534 | 143,382,008.022   | 44,993,231.548  | 581,143,727.448 | 0.000           | 0.000            |
| 2009 | 6     | 1,026,358,897.435 | 473,605,208.534 | 26,750,343.210    | 102,983,614.678 | 576,311,322.098 | 0.000           | 0.000            |
| 2009 | 7     | 1,189,610,650.380 | 473,605,208.534 | 1,981,686.342     | 179,395,770.335 | 553,228,045.807 | 0.000           | 0.000            |
| 2009 | 8     | 1,183,681,945.757 | 473,605,208.534 | 0.000             | 207,435,464.984 | 545,725,081.702 | 0.000           | 0.000            |
| 2009 | 9     | 1,128,170,391.814 | 473,605,208.534 | 0.000             | 205,415,497.146 | 571,550,651.367 | 0.000           | 0.000            |
| 2009 | 10    | 966,887,790.482   | 473,605,208.534 | 44,244,009.205    | 105,502,994.845 | 588,655,859.466 | 0.000           | 0.000            |
| 2009 | 11    | 1,122,339,581.349 | 473,605,208.534 | 191,156,624.050   | 20,461,332.939  | 593,154,171.400 | 0.000           | 0.000            |
| 2009 | 12    | 1,677,751,137.877 | 473,605,208.534 | 526,524,094.300   | 902,406.964     | 676,719,428.080 | 0.000           | 0.000            |
| 2010 | 1     | 2,389,943,031.005 | 473,605,208.534 | 1,111,969,356.750 | 47,780.064      | 696,013,798.709 | -17,806,503.500 | 0.000            |
| 2010 | 2     | 2,171,618,089.225 | 473,605,208.534 | 1,254,281,893.153 | 0.000           | 592,979,419.156 | 0.000           | -337,282,859.042 |
| 2010 | 3     | 1,870,330,469.745 | 473,605,208.534 | 1,098,042,753.610 | 0.000           | 598,140,739.885 | 0.000           | 0.000            |
| 2010 | 4     | 1,200,164,729.000 | 473,605,208.534 | 442,164,363.922   | 17,632,469.082  | 605,376,272.280 | 0.000           | 0.000            |
| 2010 | 5     | 904,173,693.412   | 473,605,208.534 | 107,604,360.971   | 33,473,176.965  | 571,716,600.391 | 0.000           | 0.000            |
| 2010 | 6     | 1,067,167,049.961 | 473,605,208.534 | 23,271,515.872    | 143,269,147.331 | 580,312,769.310 | 0.000           | 0.000            |
| 2010 | 7     | 1,291,868,710.768 | 473,605,208.534 | 2,480,931.327     | 279,692,045.326 | 554,690,586.219 | 0.000           | 0.000            |
| 2010 | 8     | 1,326,843,594.826 | 473,605,208.534 | 0.000             | 354,410,783.297 | 541,911,412.458 | 0.000           | 0.000            |
| 2010 | 9     | 1,205,472,588.874 | 473,605,208.534 | 0.000             | 290,529,998.911 | 563,738,346.662 | 0.000           | 0.000            |
| 2010 | 10    | 952,044,400.675   | 473,605,208.534 | 14,689,893.161    | 138,321,170.902 | 570,548,409.646 | 0.000           | 0.000            |
| 2010 | 11    | 1,079,363,996.761 | 473,605,208.534 | 161,317,541.596   | 31,434,891.974  | 569,044,110.232 | 0.000           | 0.000            |
| 2010 | 12    | 1,824,488,980.323 | 473,605,208.534 | 691,193,594.421   | 2,359,410.464   | 657,330,766.903 | 0.000           | 0.000            |
| 2011 | 1     | 2,468,215,124.086 | 473,605,208.534 | 1,228,325,646.821 | 0.000           | 657,977,381.782 | -17,806,503.500 | 0.000            |
| 2011 | 2     | 2,029,311,107.997 | 473,605,208.534 | 1,262,028,626.669 | 0.000           | 575,058,891.614 | 0.000           | -337,282,859.042 |
| 2011 | 3     | 1,497,373,823.206 | 473,605,208.534 | 798,781,858.353   | 1,138,748.910   | 577,014,859.098 | 0.000           | 0.000            |
| 2011 | 4     | 1,182,614,576.924 | 473,605,208.534 | 470,727,208.501   | 11,254,882.509  | 565,640,862.198 | 0.000           | 0.000            |
| 2011 | 5     | 963,540,497.582   | 473,605,208.534 | 162,711,349.202   | 36,139,252.563  | 573,310,340.733 | 0.000           | 0.000            |
| 2011 | 6     | 1,046,795,254.783 | 473,605,208.534 | 39,053,738.113    | 132,103,181.169 | 555,324,718.053 | 0.000           | 0.000            |

KPCo Residual Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2011 | 7     | 1,243,102,484.367 | 473,605,208.534 | 6,449,169.547     | 231,802,751.710 | 549,845,415.213 | 0.000           | 0.000            |
| 2011 | 8     | 1,318,375,809.173 | 473,605,208.534 | 0.000             | 348,154,402.884 | 539,700,007.217 | 0.000           | 0.000            |
| 2011 | 9     | 1,171,989,988.908 | 473,605,208.534 | 215,448.929       | 264,774,141.434 | 555,796,155.243 | 0.000           | 0.000            |
| 2011 | 10    | 918,001,214.728   | 473,605,208.534 | 37,958,520.080    | 86,860,008.710  | 564,697,758.970 | 0.000           | 0.000            |
| 2011 | 11    | 1,098,225,616.104 | 473,605,208.534 | 201,840,931.246   | 10,771,434.683  | 568,045,797.215 | 0.000           | 0.000            |
| 2011 | 12    | 1,527,365,562.497 | 473,605,208.534 | 409,959,518.236   | 1,286,559.044   | 642,514,276.682 | 0.000           | 0.000            |
| 2012 | 1     | 1,950,468,057.460 | 473,605,208.534 | 713,666,627.455   | 350,715.530     | 654,538,618.992 | -17,806,503.500 | 0.000            |
| 2012 | 2     | 1,748,673,453.527 | 473,605,208.534 | 828,224,778.639   | 0.000           | 596,091,897.973 | 0.000           | -337,282,859.042 |
| 2012 | 3     | 1,411,798,563.223 | 473,605,208.534 | 658,119,912.438   | 6,311,609.358   | 573,220,065.177 | 0.000           | 0.000            |
| 2012 | 4     | 989,898,401.653   | 473,605,208.534 | 245,295,187.721   | 28,511,067.577  | 581,100,522.640 | 0.000           | 0.000            |
| 2012 | 5     | 906,189,530.014   | 473,605,208.534 | 96,535,107.418    | 47,416,164.819  | 570,858,702.693 | 0.000           | 0.000            |
| 2012 | 6     | 1,042,277,729.407 | 473,605,208.534 | 21,840,032.708    | 126,574,158.895 | 573,549,920.355 | 0.000           | 0.000            |
| 2012 | 7     | 1,313,055,940.021 | 473,605,208.534 | 109,049.767       | 292,951,619.779 | 564,990,122.580 | 0.000           | 0.000            |
| 2012 | 8     | 1,298,828,671.689 | 473,605,208.534 | 0.000             | 335,024,700.347 | 533,282,572.270 | 0.000           | 0.000            |
| 2012 | 9     | 1,177,140,077.685 | 473,605,208.534 | 780,229.665       | 258,812,995.853 | 566,342,608.864 | 0.000           | 0.000            |
| 2012 | 10    | 937,657,654.204   | 473,605,208.534 | 51,772,692.486    | 100,182,870.188 | 557,217,164.563 | 0.000           | 0.000            |
| 2012 | 11    | 1,201,248,670.000 | 473,605,208.534 | 287,730,693.871   | 19,595,634.149  | 576,354,889.021 | 0.000           | 0.000            |
| 2012 | 12    | 1,653,674,899.899 | 473,605,208.534 | 533,606,629.927   | 1,824,196.694   | 644,638,864.745 | 0.000           | 0.000            |
| 2013 | 1     | 2,031,410,516.250 | 473,605,208.534 | 813,386,539.302   | 0.000           | 636,111,881.466 | -17,806,503.500 | 0.000            |
| 2013 | 2     | 1,904,789,994.079 | 473,605,208.534 | 1,014,910,436.559 | 0.000           | 565,522,780.604 | 0.000           | -337,282,859.042 |
| 2013 | 3     | 1,586,736,284.584 | 473,605,208.534 | 857,088,193.336   | 1,241,246.068   | 554,259,868.931 | 0.000           | 0.000            |
| 2013 | 4     | 1,198,990,973.180 | 473,605,208.534 | 491,795,157.023   | 10,497,239.264  | 561,706,953.178 | 0.000           | 0.000            |
| 2013 | 5     | 950,077,069.427   | 473,605,208.534 | 173,579,667.249   | 35,290,746.015  | 549,827,101.078 | 0.000           | 0.000            |
| 2013 | 6     | 1,020,607,017.219 | 473,605,208.534 | 33,553,677.421    | 108,409,812.470 | 558,329,909.881 | 0.000           | 0.000            |
| 2013 | 7     | 1,241,697,138.709 | 473,605,208.534 | 2,883,929.397     | 240,247,102.554 | 543,560,958.861 | 0.000           | 0.000            |
| 2013 | 8     | 1,267,454,958.074 | 473,605,208.534 | 14,446.123        | 313,714,717.894 | 523,204,394.985 | 0.000           | 0.000            |
| 2013 | 9     | 1,167,859,441.799 | 473,605,208.534 | 254,861.780       | 271,378,636.967 | 545,021,699.750 | 0.000           | 0.000            |
| 2013 | 10    | 926,547,002.909   | 473,605,208.534 | 30,718,540.049    | 124,091,489.108 | 543,252,046.785 | 0.000           | 0.000            |
| 2013 | 11    | 1,103,503,513.616 | 473,605,208.534 | 200,856,463.740   | 28,747,236.986  | 556,332,359.930 | 0.000           | 0.000            |
| 2013 | 12    | 1,665,842,492.233 | 473,605,208.534 | 560,500,088.029   | 3,718,522.604   | 628,018,673.066 | 0.000           | 0.000            |
| 2014 | 1     | 2,146,606,548.030 | 473,605,208.534 | 928,305,802.756   | 521,851.828     | 635,866,797.964 | -17,806,503.500 | 0.000            |
| 2014 | 2     | 1,971,672,276.288 | 473,605,208.534 | 1,080,317,243.568 | 98,483.297      | 566,899,772.508 | 0.000           | -337,282,859.042 |
| 2014 | 3     | 1,601,213,818.875 | 473,605,208.534 | 874,186,226.840   | 1,262,544.664   | 551,618,071.121 | 0.000           | 0.000            |

KPCo Residual Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2014 | 4     | 1,201,851,931.976 | 473,605,208.534 | 496,902,987.435   | 10,589,736.530  | 559,367,584.294 | 0.000           | 0.000            |
| 2014 | 5     | 950,482,023.429   | 473,605,208.534 | 175,462,931.869   | 35,618,044.179  | 548,021,492.296 | 0.000           | 0.000            |
| 2014 | 6     | 1,020,735,266.845 | 473,605,208.534 | 33,931,050.849    | 109,458,244.103 | 557,032,354.445 | 0.000           | 0.000            |
| 2014 | 7     | 1,242,941,085.508 | 473,605,208.534 | 2,917,238.282     | 242,643,207.134 | 542,375,492.195 | 0.000           | 0.000            |
| 2014 | 8     | 1,269,320,092.021 | 473,605,208.534 | 14,615.708        | 316,902,839.920 | 521,881,237.321 | 0.000           | 0.000            |
| 2014 | 9     | 1,169,049,934.149 | 473,605,208.534 | 257,869.866       | 274,153,779.190 | 543,434,041.792 | 0.000           | 0.000            |
| 2014 | 10    | 926,210,587.370   | 473,605,208.534 | 31,080,171.395    | 125,356,693.642 | 541,288,795.366 | 0.000           | 0.000            |
| 2014 | 11    | 1,103,724,539.775 | 473,605,208.534 | 203,200,876.945   | 29,037,456.598  | 553,918,753.272 | 0.000           | 0.000            |
| 2014 | 12    | 1,669,399,977.776 | 473,605,208.534 | 566,960,990.188   | 3,755,524.657   | 625,078,254.397 | 0.000           | 0.000            |
| 2015 | 1     | 2,148,036,222.780 | 473,605,208.534 | 933,463,312.006   | 524,998.207     | 632,135,817.084 | -17,806,503.500 | 0.000            |
| 2015 | 2     | 1,974,182,341.280 | 473,605,208.534 | 1,086,089,250.140 | 99,056.096      | 563,637,258.129 | 0.000           | -337,282,859.042 |
| 2015 | 3     | 1,602,572,267.875 | 473,605,208.534 | 878,646,938.456   | 1,269,584.508   | 548,508,768.662 | 0.000           | 0.000            |
| 2015 | 4     | 1,201,275,945.476 | 473,605,208.534 | 499,308,611.814   | 10,646,013.859  | 556,329,696.087 | 0.000           | 0.000            |
| 2015 | 5     | 948,681,696.138   | 473,605,208.534 | 176,266,759.013   | 35,798,063.077  | 545,237,318.963 | 0.000           | 0.000            |
| 2015 | 6     | 1,018,829,034.176 | 473,605,208.534 | 34,078,187.824    | 109,984,651.369 | 554,452,577.535 | 0.000           | 0.000            |
| 2015 | 7     | 1,241,606,018.079 | 473,605,208.534 | 2,929,230.962     | 243,755,415.284 | 539,916,223.937 | 0.000           | 0.000            |
| 2015 | 8     | 1,268,161,066.967 | 473,605,208.534 | 14,672.820        | 318,290,945.182 | 519,334,049.894 | 0.000           | 0.000            |
| 2015 | 9     | 1,167,229,696.226 | 473,605,208.534 | 258,830.339       | 275,304,460.295 | 540,462,162.290 | 0.000           | 0.000            |
| 2015 | 10    | 923,463,370.921   | 473,605,208.534 | 31,190,627.144    | 125,861,427.784 | 537,926,389.026 | 0.000           | 0.000            |
| 2015 | 11    | 1,100,690,747.459 | 473,605,208.534 | 203,890,577.688   | 29,149,732.615  | 550,082,984.196 | 0.000           | 0.000            |
| 2015 | 12    | 1,666,616,277.839 | 473,605,208.534 | 568,797,930.568   | 3,769,466.347   | 620,443,672.389 | 0.000           | 0.000            |
| 2016 | 1     | 2,143,407,138.882 | 473,605,208.534 | 933,003,711.187   | 526,295.129     | 627,965,037.084 | -17,806,503.500 | 0.000            |
| 2016 | 2     | 1,969,837,081.191 | 473,605,208.534 | 1,085,423,491.483 | 99,288.814      | 559,957,523.979 | 0.000           | -337,282,859.042 |
| 2016 | 3     | 1,598,398,283.169 | 473,605,208.534 | 878,008,568.336   | 1,272,422.620   | 544,970,315.964 | 0.000           | 0.000            |
| 2016 | 4     | 1,197,351,105.740 | 473,605,208.534 | 498,883,300.683   | 10,668,475.151  | 552,807,706.190 | 0.000           | 0.000            |
| 2016 | 5     | 945,267,781.777   | 473,605,208.534 | 176,094,698.246   | 35,869,126.681  | 541,924,401.765 | 0.000           | 0.000            |
| 2016 | 6     | 1,015,804,689.655 | 473,605,208.534 | 34,040,387.337    | 110,188,303.357 | 551,262,381.513 | 0.000           | 0.000            |
| 2016 | 7     | 1,238,935,193.030 | 473,605,208.534 | 2,925,588.485     | 244,173,937.922 | 536,830,518.726 | 0.000           | 0.000            |
| 2016 | 8     | 1,265,567,138.019 | 473,605,208.534 | 14,652.519        | 318,792,718.032 | 516,238,368.397 | 0.000           | 0.000            |
| 2016 | 9     | 1,164,219,405.179 | 473,605,208.534 | 258,437.349       | 275,701,263.875 | 537,055,460.653 | 0.000           | 0.000            |
| 2016 | 10    | 919,927,164.775   | 473,605,208.534 | 31,139,114.267    | 126,026,018.140 | 534,277,105.401 | 0.000           | 0.000            |
| 2016 | 11    | 1,096,373,828.338 | 473,605,208.534 | 203,526,600.420   | 29,183,945.798  | 546,095,829.160 | 0.000           | 0.000            |
| 2016 | 12    | 1,660,856,283.244 | 473,605,208.534 | 567,706,483.399   | 3,773,385.092   | 615,771,206.219 | 0.000           | 0.000            |



KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2017 | 1     | 2,137,761,992.971 | 473,605,208.534 | 930,674,239.679   | 527,511.433     | 624,648,146.376 | -17,806,503.500 | 0.000            |
| 2017 | 2     | 1,964,054,417.547 | 473,605,208.534 | 1,082,563,719.568 | 99,504.513      | 557,034,416.551 | 0.000           | -337,282,859.042 |
| 2017 | 3     | 1,593,163,999.569 | 473,605,208.534 | 875,576,419.376   | 1,275,013.807   | 542,165,590.136 | 0.000           | 0.000            |
| 2017 | 4     | 1,193,160,889.747 | 473,605,208.534 | 497,441,873.740   | 10,688,922.493  | 550,038,469.799 | 0.000           | 0.000            |
| 2017 | 5     | 942,204,108.174   | 473,605,208.534 | 175,566,343.759   | 35,933,869.915  | 539,324,339.415 | 0.000           | 0.000            |
| 2017 | 6     | 1,013,388,118.801 | 473,605,208.534 | 33,934,923.715    | 110,376,364.196 | 548,763,213.442 | 0.000           | 0.000            |
| 2017 | 7     | 1,236,934,515.917 | 473,605,208.534 | 2,916,272.710     | 244,569,562.940 | 534,443,532.371 | 0.000           | 0.000            |
| 2017 | 8     | 1,263,704,949.529 | 473,605,208.534 | 14,604.732        | 319,284,544.685 | 513,884,401.040 | 0.000           | 0.000            |
| 2017 | 9     | 1,162,074,758.369 | 473,605,208.534 | 257,576.795       | 276,107,636.700 | 534,505,301.572 | 0.000           | 0.000            |
| 2017 | 10    | 917,302,358.640   | 473,605,208.534 | 31,033,502.687    | 126,203,953.519 | 531,579,975.467 | 0.000           | 0.000            |
| 2017 | 11    | 1,092,798,498.530 | 473,605,208.534 | 202,825,748.948   | 29,223,627.542  | 543,181,669.080 | 0.000           | 0.000            |
| 2017 | 12    | 1,655,493,329.633 | 473,605,208.534 | 565,729,893.518   | 3,778,371.069   | 612,379,856.512 | 0.000           | 0.000            |
| 2018 | 1     | 2,135,635,352.149 | 473,605,208.534 | 929,584,157.821   | 530,203.041     | 623,608,895.804 | -17,806,503.500 | 0.000            |
| 2018 | 2     | 1,961,886,762.471 | 473,605,208.534 | 1,081,265,328.051 | 100,009.419     | 556,164,648.085 | 0.000           | -337,282,859.042 |
| 2018 | 3     | 1,591,308,763.551 | 473,605,208.534 | 874,501,399.075   | 1,281,447.024   | 541,378,941.202 | 0.000           | 0.000            |
| 2018 | 4     | 1,191,877,796.601 | 473,605,208.534 | 496,816,562.453   | 10,742,539.772  | 549,327,070.660 | 0.000           | 0.000            |
| 2018 | 5     | 941,563,922.910   | 473,605,208.534 | 175,340,031.411   | 36,112,963.071  | 538,731,373.342 | 0.000           | 0.000            |
| 2018 | 6     | 1,013,407,624.199 | 473,605,208.534 | 33,890,116.637    | 110,922,995.147 | 548,280,894.967 | 0.000           | 0.000            |
| 2018 | 7     | 1,237,715,733.921 | 473,605,208.534 | 2,912,321.156     | 245,772,256.008 | 534,026,008.861 | 0.000           | 0.000            |
| 2018 | 8     | 1,264,823,521.744 | 473,605,208.534 | 14,584.399        | 320,842,698.925 | 513,444,839.349 | 0.000           | 0.000            |
| 2018 | 9     | 1,162,866,107.701 | 473,605,208.534 | 257,206.588       | 277,442,563.063 | 533,962,094.748 | 0.000           | 0.000            |
| 2018 | 10    | 917,188,138.261   | 473,605,208.534 | 30,987,527.532    | 126,808,512.080 | 530,907,171.682 | 0.000           | 0.000            |
| 2018 | 11    | 1,091,809,609.039 | 473,605,208.534 | 202,515,594.908   | 29,362,215.734  | 542,364,345.436 | 0.000           | 0.000            |
| 2018 | 12    | 1,653,592,361.400 | 473,605,208.534 | 564,835,606.287   | 3,796,093.169   | 611,355,453.410 | 0.000           | 0.000            |
| 2019 | 1     | 2,135,246,031.062 | 473,605,208.534 | 929,162,467.766   | 533,694.289     | 623,637,773.524 | -17,806,503.500 | 0.000            |
| 2019 | 2     | 1,961,417,521.731 | 473,605,208.534 | 1,080,724,711.323 | 100,663.286     | 556,235,370.206 | 0.000           | -337,282,859.042 |
| 2019 | 3     | 1,590,960,333.509 | 473,605,208.534 | 874,028,138.394   | 1,289,772.041   | 541,495,446.825 | 0.000           | 0.000            |
| 2019 | 4     | 1,191,846,968.838 | 473,605,208.534 | 496,527,940.607   | 10,811,899.305  | 549,515,505.210 | 0.000           | 0.000            |
| 2019 | 5     | 941,960,953.817   | 473,605,208.534 | 175,232,798.848   | 36,345,013.700  | 539,003,586.184 | 0.000           | 0.000            |
| 2019 | 6     | 1,014,476,764.610 | 473,605,208.534 | 33,868,659.164    | 111,633,341.208 | 548,661,146.791 | 0.000           | 0.000            |
| 2019 | 7     | 1,239,711,431.186 | 473,605,208.534 | 2,910,442.048     | 247,343,181.425 | 534,452,659.816 | 0.000           | 0.000            |
| 2019 | 8     | 1,267,255,752.618 | 473,605,208.534 | 14,574.875        | 322,890,942.376 | 513,828,836.297 | 0.000           | 0.000            |
| 2019 | 9     | 1,164,980,602.105 | 473,605,208.534 | 257,040.320       | 279,215,580.521 | 534,303,737.963 | 0.000           | 0.000            |

KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2019 | 10    | 918,214,119.342   | 473,605,208.534 | 30,967,821.758    | 127,620,233.602 | 531,141,137.016 | 0.000           | 0.000            |
| 2019 | 11    | 1,092,008,978.374 | 473,605,208.534 | 202,390,302.795   | 29,550,677.943  | 542,500,544.677 | 0.000           | 0.000            |
| 2019 | 12    | 1,653,357,682.490 | 473,605,208.534 | 564,501,181.655   | 3,820,560.204   | 611,430,732.096 | 0.000           | 0.000            |
| 2020 | 1     | 2,132,155,571.928 | 473,605,208.534 | 929,001,023.006   | 537,155.441     | 620,705,297.999 | -17,806,503.500 | 0.000            |
| 2020 | 2     | 1,958,806,956.337 | 473,605,208.534 | 1,080,582,994.445 | 101,320.434     | 553,765,864.543 | 0.000           | -337,282,859.042 |
| 2020 | 3     | 1,588,633,920.998 | 473,605,208.534 | 873,951,317.136   | 1,298,248.040   | 539,237,379.572 | 0.000           | 0.000            |
| 2020 | 4     | 1,189,785,933.852 | 473,605,208.534 | 496,502,791.848   | 10,883,357.256  | 547,408,161.032 | 0.000           | 0.000            |
| 2020 | 5     | 940,408,819.968   | 473,605,208.534 | 175,230,009.243   | 36,586,495.645  | 537,212,759.996 | 0.000           | 0.000            |
| 2020 | 6     | 1,013,737,193.609 | 473,605,208.534 | 33,869,204.852    | 112,378,650.134 | 547,175,721.174 | 0.000           | 0.000            |
| 2020 | 7     | 1,240,036,441.475 | 473,605,208.534 | 2,910,569.555     | 249,001,440.226 | 533,119,283.798 | 0.000           | 0.000            |
| 2020 | 8     | 1,268,061,245.874 | 473,605,208.534 | 14,575.993        | 325,066,391.179 | 512,458,879.630 | 0.000           | 0.000            |
| 2020 | 9     | 1,165,248,636.314 | 473,605,208.534 | 257,067.149       | 281,104,544.527 | 532,682,781.336 | 0.000           | 0.000            |
| 2020 | 10    | 917,198,172.028   | 473,605,208.534 | 30,971,917.511    | 128,487,198.788 | 529,254,128.761 | 0.000           | 0.000            |
| 2020 | 11    | 1,090,038,786.375 | 473,605,208.534 | 202,422,445.736   | 29,752,215.219  | 540,296,672.461 | 0.000           | 0.000            |
| 2020 | 12    | 1,650,835,917.010 | 473,605,208.534 | 564,603,232.215   | 3,846,701.110   | 608,780,775.151 | 0.000           | 0.000            |
| 2021 | 1     | 2,128,682,843.073 | 473,605,208.534 | 927,111,616.479   | 540,558.532     | 619,118,572.580 | -17,806,503.500 | 0.000            |
| 2021 | 2     | 1,955,281,130.530 | 473,605,208.534 | 1,078,394,550.064 | 101,963.213     | 552,427,840.337 | 0.000           | -337,282,859.042 |
| 2021 | 3     | 1,585,660,967.909 | 473,605,208.534 | 872,193,313.626   | 1,306,502.075   | 538,014,175.959 | 0.000           | 0.000            |
| 2021 | 4     | 1,187,737,716.857 | 473,605,208.534 | 495,515,698.457   | 10,952,809.273  | 546,277,585.411 | 0.000           | 0.000            |
| 2021 | 5     | 939,340,859.903   | 473,605,208.534 | 174,886,184.901   | 36,820,929.714  | 536,254,190.203 | 0.000           | 0.000            |
| 2021 | 6     | 1,013,597,685.522 | 473,605,208.534 | 33,803,565.210    | 113,101,465.929 | 546,379,036.936 | 0.000           | 0.000            |
| 2021 | 7     | 1,240,941,821.639 | 473,605,208.534 | 2,905,003.263     | 250,609,435.308 | 532,422,235.173 | 0.000           | 0.000            |
| 2021 | 8     | 1,269,461,930.827 | 473,605,208.534 | 14,548.485        | 327,173,868.533 | 511,752,114.738 | 0.000           | 0.000            |
| 2021 | 9     | 1,166,246,969.712 | 473,605,208.534 | 256,588.417       | 282,934,072.682 | 531,852,065.311 | 0.000           | 0.000            |
| 2021 | 10    | 917,007,140.812   | 473,605,208.534 | 30,915,060.450    | 129,326,875.010 | 528,280,278.385 | 0.000           | 0.000            |
| 2021 | 11    | 1,088,725,923.627 | 473,605,208.534 | 202,056,235.676   | 29,947,447.582  | 539,154,787.410 | 0.000           | 0.000            |
| 2021 | 12    | 1,648,464,346.888 | 473,605,208.534 | 563,594,966.506   | 3,872,033.491   | 607,392,138.357 | 0.000           | 0.000            |
| 2022 | 1     | 2,126,170,409.117 | 473,605,208.534 | 925,162,121.625   | 544,559.644     | 618,551,632.366 | -17,806,503.500 | 0.000            |
| 2022 | 2     | 1,952,610,783.590 | 473,605,208.534 | 1,076,153,998.034 | 102,720.508     | 551,997,288.132 | 0.000           | -337,282,859.042 |
| 2022 | 3     | 1,583,526,862.181 | 473,605,208.534 | 870,397,637.575   | 1,316,230.534   | 537,666,017.823 | 0.000           | 0.000            |
| 2022 | 4     | 1,186,557,846.961 | 473,605,208.534 | 494,506,322.217   | 11,034,606.802  | 546,025,294.226 | 0.000           | 0.000            |
| 2022 | 5     | 939,137,008.272   | 473,605,208.534 | 174,532,524.799   | 37,096,464.801  | 536,128,463.587 | 0.000           | 0.000            |
| 2022 | 6     | 1,014,390,380.555 | 473,605,208.534 | 33,735,621.558    | 113,949,218.230 | 546,391,923.318 | 0.000           | 0.000            |

KPCo Res Net Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2022 | 7     | 1,242,898,625.341 | 473,605,208.534 | 2,899,194.502     | 252,490,506.079 | 532,503,776.863 | 0.000           | 0.000            |
| 2022 | 8     | 1,271,966,682.771 | 473,605,208.534 | 14,519.473        | 329,631,420.284 | 511,799,343.943 | 0.000           | 0.000            |
| 2022 | 9     | 1,168,339,456.832 | 473,605,208.534 | 256,077.425       | 285,060,080.391 | 531,819,055.715 | 0.000           | 0.000            |
| 2022 | 10    | 917,751,748.191   | 473,605,208.534 | 30,853,465.668    | 130,298,538.509 | 528,114,817.046 | 0.000           | 0.000            |
| 2022 | 11    | 1,088,245,333.145 | 473,605,208.534 | 201,652,926.009   | 30,172,339.836  | 538,852,614.340 | 0.000           | 0.000            |
| 2022 | 12    | 1,646,926,717.995 | 473,605,208.534 | 562,468,242.810   | 3,901,098.475   | 606,952,168.175 | 0.000           | 0.000            |
| 2023 | 1     | 2,124,554,798.366 | 473,605,208.534 | 923,625,827.739   | 548,737.085     | 618,468,138.059 | -17,806,503.500 | 0.000            |
| 2023 | 2     | 1,950,798,551.399 | 473,605,208.534 | 1,074,360,028.526 | 103,507.832     | 551,978,238.126 | 0.000           | -337,282,859.042 |
| 2023 | 3     | 1,582,116,902.287 | 473,605,208.534 | 868,939,833.443   | 1,326,308.634   | 537,703,783.961 | 0.000           | 0.000            |
| 2023 | 4     | 1,185,928,244.394 | 473,605,208.534 | 493,672,502.477   | 11,118,970.665  | 546,145,147.536 | 0.000           | 0.000            |
| 2023 | 5     | 939,339,861.753   | 473,605,208.534 | 174,236,411.346   | 37,379,690.690  | 536,344,204.632 | 0.000           | 0.000            |
| 2023 | 6     | 1,015,535,514.672 | 473,605,208.534 | 33,678,081.693    | 114,818,167.830 | 546,725,647.701 | 0.000           | 0.000            |
| 2023 | 7     | 1,245,201,690.284 | 473,605,208.534 | 2,894,222.964     | 254,413,596.858 | 532,888,722.566 | 0.000           | 0.000            |
| 2023 | 8     | 1,274,818,748.583 | 473,605,208.534 | 14,494.432        | 332,138,779.543 | 512,144,075.537 | 0.000           | 0.000            |
| 2023 | 9     | 1,170,794,263.470 | 473,605,208.534 | 255,634.408       | 287,226,860.693 | 532,107,525.067 | 0.000           | 0.000            |
| 2023 | 10    | 918,859,998.956   | 473,605,208.534 | 30,799,866.947    | 131,288,009.384 | 528,287,195.658 | 0.000           | 0.000            |
| 2023 | 11    | 1,088,186,038.119 | 473,605,208.534 | 201,301,318.926   | 30,401,269.238  | 538,915,996.996 | 0.000           | 0.000            |
| 2023 | 12    | 1,645,954,565.654 | 473,605,208.534 | 561,484,066.218   | 3,930,673.540   | 606,934,617.362 | 0.000           | 0.000            |
| 2024 | 1     | 2,123,597,188.896 | 473,605,208.534 | 922,354,802.620   | 553,141.171     | 618,777,149.622 | -17,806,503.500 | 0.000            |
| 2024 | 2     | 1,949,659,324.104 | 473,605,208.534 | 1,072,888,245.851 | 104,339.220     | 552,309,962.118 | 0.000           | -337,282,859.042 |
| 2024 | 3     | 1,581,325,925.905 | 473,605,208.534 | 867,758,886.998   | 1,336,976.238   | 538,083,086.419 | 0.000           | 0.000            |
| 2024 | 4     | 1,185,807,107.839 | 473,605,208.534 | 493,002,661.498   | 11,208,426.259  | 546,604,396.366 | 0.000           | 0.000            |
| 2024 | 5     | 939,945,252.465   | 473,605,208.534 | 174,001,202.219   | 37,680,682.727  | 536,883,812.434 | 0.000           | 0.000            |
| 2024 | 6     | 1,017,064,813.037 | 473,605,208.534 | 33,632,805.914    | 115,743,362.714 | 547,375,026.961 | 0.000           | 0.000            |
| 2024 | 7     | 1,247,940,338.209 | 473,605,208.534 | 2,890,346.749     | 256,464,943.075 | 533,579,900.489 | 0.000           | 0.000            |
| 2024 | 8     | 1,278,148,008.049 | 473,605,208.534 | 14,475.140        | 334,819,602.166 | 512,792,531.671 | 0.000           | 0.000            |
| 2024 | 9     | 1,173,726,173.142 | 473,605,208.534 | 255,295.953       | 289,547,220.764 | 532,719,413.124 | 0.000           | 0.000            |
| 2024 | 10    | 920,389,586.107   | 473,605,208.534 | 30,759,434.556    | 132,350,107.723 | 528,795,116.861 | 0.000           | 0.000            |
| 2024 | 11    | 1,088,589,343.339 | 473,605,208.534 | 201,039,512.189   | 30,647,584.089  | 539,334,794.102 | 0.000           | 0.000            |
| 2024 | 12    | 1,645,648,949.701 | 473,605,208.534 | 560,760,186.118   | 3,962,565.357   | 607,320,989.691 | 0.000           | 0.000            |
| 2025 | 1     | 2,124,149,624.659 | 473,605,208.534 | 922,067,770.891   | 558,030.616     | 619,611,727.669 | -17,806,503.500 | 0.000            |
| 2025 | 2     | 1,950,117,759.354 | 473,605,208.534 | 1,072,555,192.159 | 105,261.598     | 553,100,528.681 | 0.000           | -337,282,859.042 |
| 2025 | 3     | 1,581,886,461.114 | 473,605,208.534 | 867,490,067.825   | 1,348,796.230   | 538,900,620.809 | 0.000           | 0.000            |

KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2025 | 4     | 1,186,664,944.691 | 473,605,208.534 | 492,854,335.947   | 11,307,619.087  | 547,511,365.940 | 0.000           | 0.000            |
| 2025 | 5     | 941,198,347.058   | 473,605,208.534 | 173,949,713.185   | 38,014,339.118  | 537,854,739.669 | 0.000           | 0.000            |
| 2025 | 6     | 1,019,161,128.541 | 473,605,208.534 | 33,623,086.273    | 116,769,059.759 | 548,455,365.061 | 0.000           | 0.000            |
| 2025 | 7     | 1,251,324,966.273 | 473,605,208.534 | 2,889,529.489     | 258,739,304.190 | 534,690,984.697 | 0.000           | 0.000            |
| 2025 | 8     | 1,282,169,111.141 | 473,605,208.534 | 14,471.082        | 337,789,630.856 | 513,843,610.133 | 0.000           | 0.000            |
| 2025 | 9     | 1,177,326,913.586 | 473,605,208.534 | 255,224.993       | 292,116,362.491 | 533,751,082.801 | 0.000           | 0.000            |
| 2025 | 10    | 922,479,266.082   | 473,605,208.534 | 30,750,824.654    | 133,524,183.782 | 529,719,330.679 | 0.000           | 0.000            |
| 2025 | 11    | 1,089,645,907.201 | 473,605,208.534 | 200,982,395.332   | 30,919,328.607  | 540,176,730.302 | 0.000           | 0.000            |
| 2025 | 12    | 1,646,382,538.893 | 473,605,208.534 | 560,598,803.427   | 3,997,685.704   | 608,180,841.227 | 0.000           | 0.000            |
| 2026 | 1     | 2,124,676,268.173 | 473,605,208.534 | 921,491,826.381   | 563,067.333     | 620,709,278.976 | -17,806,503.500 | 0.000            |
| 2026 | 2     | 1,950,467,276.682 | 473,605,208.534 | 1,071,879,095.821 | 106,211.067     | 554,125,192.879 | 0.000           | -337,282,859.042 |
| 2026 | 3     | 1,582,388,694.632 | 473,605,208.534 | 866,937,799.872   | 1,360,953.954   | 539,942,964.558 | 0.000           | 0.000            |
| 2026 | 4     | 1,187,572,829.779 | 473,605,208.534 | 492,535,873.336   | 11,409,434.411  | 548,635,898.315 | 0.000           | 0.000            |
| 2026 | 5     | 942,607,105.071   | 473,605,208.534 | 173,836,177.217   | 38,356,374.541  | 539,034,998.228 | 0.000           | 0.000            |
| 2026 | 6     | 1,021,475,763.247 | 473,605,208.534 | 33,600,844.938    | 117,818,656.700 | 549,742,644.162 | 0.000           | 0.000            |
| 2026 | 7     | 1,254,953,789.208 | 473,605,208.534 | 2,887,588.692     | 261,062,364.631 | 535,998,687.988 | 0.000           | 0.000            |
| 2026 | 8     | 1,286,438,909.319 | 473,605,208.534 | 14,461.230        | 340,819,326.471 | 515,083,722.547 | 0.000           | 0.000            |
| 2026 | 9     | 1,181,168,781.256 | 473,605,208.534 | 255,048.884       | 294,733,683.929 | 534,975,805.141 | 0.000           | 0.000            |
| 2026 | 10    | 924,769,204.426   | 473,605,208.534 | 30,729,314.701    | 134,719,263.603 | 530,835,699.154 | 0.000           | 0.000            |
| 2026 | 11    | 1,090,818,056.268 | 473,605,208.534 | 200,839,713.179   | 31,195,739.827  | 541,215,150.302 | 0.000           | 0.000            |
| 2026 | 12    | 1,647,096,149.524 | 473,605,208.534 | 560,195,643.179   | 4,033,386.754   | 609,261,911.056 | 0.000           | 0.000            |
| 2027 | 1     | 2,126,048,119.055 | 473,605,208.534 | 921,322,280.340   | 568,497.035     | 622,245,246.198 | -17,806,503.500 | 0.000            |
| 2027 | 2     | 1,951,682,207.739 | 473,605,208.534 | 1,071,676,110.591 | 107,234.691     | 555,542,085.542 | 0.000           | -337,282,859.042 |
| 2027 | 3     | 1,583,659,627.590 | 473,605,208.534 | 866,771,255.514   | 1,374,066.584   | 541,367,329.243 | 0.000           | 0.000            |
| 2027 | 4     | 1,189,104,879.294 | 473,605,208.534 | 492,441,734.675   | 11,519,374.206  | 550,152,146.697 | 0.000           | 0.000            |
| 2027 | 5     | 944,510,030.503   | 473,605,208.534 | 173,803,118.184   | 38,726,008.543  | 540,601,348.691 | 0.000           | 0.000            |
| 2027 | 6     | 1,024,290,241.951 | 473,605,208.534 | 33,594,516.458    | 118,954,273.300 | 551,427,834.745 | 0.000           | 0.000            |
| 2027 | 7     | 1,259,174,130.586 | 473,605,208.534 | 2,887,070.053     | 263,580,964.128 | 537,700,948.508 | 0.000           | 0.000            |
| 2027 | 8     | 1,291,352,469.876 | 473,605,208.534 | 14,458.722        | 344,109,514.563 | 516,707,097.519 | 0.000           | 0.000            |
| 2027 | 9     | 1,185,643,336.161 | 473,605,208.534 | 255,006.421       | 297,581,031.911 | 536,603,054.527 | 0.000           | 0.000            |
| 2027 | 10    | 927,592,048.643   | 473,605,208.534 | 30,724,541.404    | 136,022,270.469 | 532,360,309.802 | 0.000           | 0.000            |
| 2027 | 11    | 1,092,554,570.295 | 473,605,208.534 | 200,811,135.452   | 31,497,876.388  | 542,678,105.495 | 0.000           | 0.000            |
| 2027 | 12    | 1,648,628,752.333 | 473,605,208.534 | 560,123,508.492   | 4,072,505.942   | 610,827,529.364 | 0.000           | 0.000            |

KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2028 | 1     | 2,128,705,297.384 | 473,605,208.534 | 921,947,700.919   | 574,177.479     | 624,271,323.503 | -17,806,503.500 | 0.000            |
| 2028 | 2     | 1,954,296,057.654 | 473,605,208.534 | 1,072,430,105.891 | 108,308.862     | 557,400,865.985 | 0.000           | -337,282,859.042 |
| 2028 | 3     | 1,586,162,232.542 | 473,605,208.534 | 867,400,763.679   | 1,387,862.100   | 543,226,630.513 | 0.000           | 0.000            |
| 2028 | 4     | 1,191,547,390.819 | 473,605,208.534 | 492,807,105.655   | 11,635,210.196  | 552,113,451.252 | 0.000           | 0.000            |
| 2028 | 5     | 947,034,511.386   | 473,605,208.534 | 173,934,182.725   | 39,115,902.254  | 542,604,871.322 | 0.000           | 0.000            |
| 2028 | 6     | 1,027,645,044.467 | 473,605,208.534 | 33,620,231.412    | 120,153,268.790 | 553,557,926.817 | 0.000           | 0.000            |
| 2028 | 7     | 1,263,960,440.286 | 473,605,208.534 | 2,889,288.524     | 266,238,508.163 | 539,827,495.702 | 0.000           | 0.000            |
| 2028 | 8     | 1,296,854,959.393 | 473,605,208.534 | 14,469.925        | 347,581,212.888 | 518,737,877.508 | 0.000           | 0.000            |
| 2028 | 9     | 1,190,697,217.934 | 473,605,208.534 | 255,204.913       | 300,584,373.136 | 538,653,396.584 | 0.000           | 0.000            |
| 2028 | 10    | 930,932,306.571   | 473,605,208.534 | 30,748,545.962    | 137,395,475.783 | 534,303,357.859 | 0.000           | 0.000            |
| 2028 | 11    | 1,094,917,800.092 | 473,605,208.534 | 200,967,919.375   | 31,815,844.618  | 544,566,583.139 | 0.000           | 0.000            |
| 2028 | 12    | 1,651,146,793.295 | 473,605,208.534 | 560,557,123.785   | 4,113,590.350   | 612,870,870.625 | 0.000           | 0.000            |
| 2029 | 1     | 2,132,537,530.925 | 473,605,208.534 | 923,384,166.049   | 580,068.087     | 626,661,201.307 | -17,806,503.500 | 0.000            |
| 2029 | 2     | 1,958,120,807.824 | 473,605,208.534 | 1,074,082,882.200 | 109,418.176     | 559,571,730.532 | 0.000           | -337,282,859.042 |
| 2029 | 3     | 1,589,648,235.150 | 473,605,208.534 | 868,722,419.948   | 1,402,052.341   | 545,376,786.611 | 0.000           | 0.000            |
| 2029 | 4     | 1,194,657,990.880 | 473,605,208.534 | 493,554,807.190   | 11,754,098.877  | 554,357,461.097 | 0.000           | 0.000            |
| 2029 | 5     | 949,964,976.143   | 473,605,208.534 | 174,197,189.098   | 39,515,386.611  | 544,872,845.349 | 0.000           | 0.000            |
| 2029 | 6     | 1,031,301,744.407 | 473,605,208.534 | 33,670,834.901    | 121,379,531.935 | 555,937,760.123 | 0.000           | 0.000            |
| 2029 | 7     | 1,269,050,141.650 | 473,605,208.534 | 2,893,627.737     | 268,954,799.334 | 542,196,566.682 | 0.000           | 0.000            |
| 2029 | 8     | 1,302,661,189.611 | 473,605,208.534 | 14,491.534        | 351,124,431.294 | 521,000,867.711 | 0.000           | 0.000            |
| 2029 | 9     | 1,196,067,047.177 | 473,605,208.534 | 255,584.977       | 303,647,263.437 | 540,959,955.461 | 0.000           | 0.000            |
| 2029 | 10    | 934,584,108.560   | 473,605,208.534 | 30,794,105.881    | 138,794,459.051 | 536,510,616.660 | 0.000           | 0.000            |
| 2029 | 11    | 1,097,705,562.357 | 473,605,208.534 | 201,264,842.915   | 32,139,663.141  | 546,733,603.341 | 0.000           | 0.000            |
| 2029 | 12    | 1,654,380,229.362 | 473,605,208.534 | 561,386,243.049   | 4,155,464.835   | 615,233,312.944 | 0.000           | 0.000            |
| 2030 | 1     | 2,136,667,946.905 | 473,605,208.534 | 924,796,487.458   | 585,956.786     | 629,373,407.179 | -17,806,503.500 | 0.000            |
| 2030 | 2     | 1,962,223,929.208 | 473,605,208.534 | 1,075,728,390.212 | 110,529.237     | 562,028,232.843 | 0.000           | -337,282,859.042 |
| 2030 | 3     | 1,593,426,978.720 | 473,605,208.534 | 870,055,090.417   | 1,416,292.046   | 547,808,620.007 | 0.000           | 0.000            |
| 2030 | 4     | 1,198,067,204.129 | 473,605,208.534 | 494,312,340.157   | 11,873,486.775  | 556,889,753.481 | 0.000           | 0.000            |
| 2030 | 5     | 953,183,830.481   | 473,605,208.534 | 174,464,846.552   | 39,916,816.015  | 547,422,612.829 | 0.000           | 0.000            |
| 2030 | 6     | 1,035,254,953.494 | 473,605,208.534 | 33,722,782.985    | 122,613,375.296 | 558,605,177.766 | 0.000           | 0.000            |
| 2030 | 7     | 1,274,436,895.946 | 473,605,208.534 | 2,898,113.144     | 271,690,744.070 | 544,842,890.836 | 0.000           | 0.000            |
| 2030 | 8     | 1,308,773,220.848 | 473,605,208.534 | 14,514.170        | 354,700,466.517 | 523,536,841.089 | 0.000           | 0.000            |
| 2030 | 9     | 1,201,754,697.855 | 473,605,208.534 | 255,987.020       | 306,743,141.265 | 543,551,326.269 | 0.000           | 0.000            |

KPCo Residual Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2030 | 10    | 938,546,774.592   | 473,605,208.534 | 30,842,967.731    | 140,211,474.442 | 539,007,405.452 | 0.000           | 0.000            |
| 2030 | 11    | 1,100,829,036.622 | 473,605,208.534 | 201,586,858.689   | 32,468,220.461  | 549,206,504.512 | 0.000           | 0.000            |
| 2030 | 12    | 1,658,040,202.866 | 473,605,208.534 | 562,289,796.217   | 4,197,985.315   | 617,947,212.800 | 0.000           | 0.000            |
| 2031 | 1     | 2,140,402,735.101 | 473,605,208.534 | 925,634,485.775   | 591,707.546     | 632,264,446.297 | -17,806,503.500 | 0.000            |
| 2031 | 2     | 1,965,838,424.369 | 473,605,208.534 | 1,076,720,819.923 | 111,615.836     | 564,649,211.694 | 0.000           | -337,282,859.042 |
| 2031 | 3     | 1,596,849,383.576 | 473,605,208.534 | 870,873,371.281   | 1,430,241.055   | 550,398,794.991 | 0.000           | 0.000            |
| 2031 | 4     | 1,201,349,347.247 | 473,605,208.534 | 494,787,529.945   | 11,990,677.738  | 559,579,515.848 | 0.000           | 0.000            |
| 2031 | 5     | 956,449,299.179   | 473,605,208.534 | 174,635,882.211   | 40,311,560.172  | 550,122,301.711 | 0.000           | 0.000            |
| 2031 | 6     | 1,039,318,501.103 | 473,605,208.534 | 33,756,335.665    | 123,827,727.230 | 561,420,820.760 | 0.000           | 0.000            |
| 2031 | 7     | 1,279,928,281.121 | 473,605,208.534 | 2,901,025.707     | 274,384,294.345 | 547,637,813.173 | 0.000           | 0.000            |
| 2031 | 8     | 1,314,979,729.152 | 473,605,208.534 | 14,528.925        | 358,221,135.596 | 526,222,665.560 | 0.000           | 0.000            |
| 2031 | 9     | 1,207,560,851.181 | 473,605,208.534 | 256,250.383       | 309,791,576.548 | 546,308,780.949 | 0.000           | 0.000            |
| 2031 | 10    | 942,643,052.741   | 473,605,208.534 | 30,875,135.124    | 141,606,904.317 | 541,676,086.334 | 0.000           | 0.000            |
| 2031 | 11    | 1,104,016,915.838 | 473,605,208.534 | 201,799,577.250   | 32,791,756.917  | 551,858,128.711 | 0.000           | 0.000            |
| 2031 | 12    | 1,661,602,731.014 | 473,605,208.534 | 562,890,929.063   | 4,239,875.729   | 620,866,717.688 | 0.000           | 0.000            |
| 2032 | 1     | 2,143,533,201.387 | 473,605,208.534 | 925,778,220.030   | 597,198.307     | 635,245,687.569 | -17,806,503.500 | 0.000            |
| 2032 | 2     | 1,968,722,555.627 | 473,605,208.534 | 1,076,905,419.829 | 112,653.398     | 567,347,705.484 | 0.000           | -337,282,859.042 |
| 2032 | 3     | 1,599,699,219.097 | 473,605,208.534 | 871,038,533.742   | 1,443,562.607   | 553,070,146.498 | 0.000           | 0.000            |
| 2032 | 4     | 1,204,329,490.009 | 473,605,208.534 | 494,884,359.243   | 12,102,434.489  | 562,351,072.561 | 0.000           | 0.000            |
| 2032 | 5     | 959,639,321.673   | 473,605,208.534 | 174,671,187.217   | 40,687,539.116  | 552,901,040.255 | 0.000           | 0.000            |
| 2032 | 6     | 1,043,366,616.287 | 473,605,208.534 | 33,763,269.809    | 124,983,053.621 | 564,306,675.409 | 0.000           | 0.000            |
| 2032 | 7     | 1,285,347,290.961 | 473,605,208.534 | 2,901,646.865     | 276,946,738.826 | 550,493,757.374 | 0.000           | 0.000            |
| 2032 | 8     | 1,321,059,897.890 | 473,605,208.534 | 14,532.084        | 361,567,718.094 | 528,956,248.641 | 0.000           | 0.000            |
| 2032 | 9     | 1,213,261,790.067 | 473,605,208.534 | 256,306.779       | 312,686,549.537 | 549,114,690.450 | 0.000           | 0.000            |
| 2032 | 10    | 946,688,991.536   | 473,605,208.534 | 30,881,946.911    | 142,930,285.341 | 544,391,832.317 | 0.000           | 0.000            |
| 2032 | 11    | 1,107,069,794.640 | 473,605,208.534 | 201,843,757.817   | 33,098,154.872  | 554,560,428.992 | 0.000           | 0.000            |
| 2032 | 12    | 1,664,745,265.997 | 473,605,208.534 | 563,013,566.152   | 4,279,487.518   | 623,847,003.793 | 0.000           | 0.000            |
| 2033 | 1     | 2,146,644,585.019 | 473,605,208.534 | 925,787,745.126   | 602,605.525     | 638,342,138.886 | -17,806,503.500 | 0.000            |
| 2033 | 2     | 1,971,519,031.284 | 473,605,208.534 | 1,076,905,537.702 | 113,672.240     | 570,143,044.427 | 0.000           | -337,282,859.042 |
| 2033 | 3     | 1,602,458,443.601 | 473,605,208.534 | 871,030,407.587   | 1,456,604.493   | 555,824,455.272 | 0.000           | 0.000            |
| 2033 | 4     | 1,207,288,494.913 | 473,605,208.534 | 494,880,999.914   | 12,211,805.126  | 565,204,066.157 | 0.000           | 0.000            |
| 2033 | 5     | 962,861,466.224   | 473,605,208.534 | 174,670,309.222   | 41,055,307.876  | 555,756,294.041 | 0.000           | 0.000            |
| 2033 | 6     | 1,047,464,774.488 | 473,605,208.534 | 33,763,187.992    | 126,113,085.609 | 567,274,883.438 | 0.000           | 0.000            |

KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2033 | 7     | 1,290,785,979.843 | 473,605,208.534 | 2,901,642.147     | 279,450,970.467 | 553,428,219.333 | 0.000           | 0.000            |
| 2033 | 8     | 1,327,143,877.959 | 473,605,208.534 | 14,532.092        | 364,837,893.799 | 531,770,052.997 | 0.000           | 0.000            |
| 2033 | 9     | 1,218,985,108.548 | 473,605,208.534 | 256,307.823       | 315,515,748.967 | 552,008,808.457 | 0.000           | 0.000            |
| 2033 | 10    | 950,789,733.269   | 473,605,208.534 | 30,882,182.208    | 144,224,035.254 | 547,198,588.839 | 0.000           | 0.000            |
| 2033 | 11    | 1,110,169,825.159 | 473,605,208.534 | 201,846,186.209   | 33,397,893.970  | 557,358,292.021 | 0.000           | 0.000            |
| 2033 | 12    | 1,667,878,096.842 | 473,605,208.534 | 563,021,970.578   | 4,318,255.350   | 626,932,662.381 | 0.000           | 0.000            |
| 2034 | 1     | 2,149,324,298.183 | 473,605,208.534 | 925,532,792.239   | 607,690.906     | 641,271,719.556 | -17,806,503.500 | 0.000            |
| 2034 | 2     | 1,973,881,078.724 | 473,605,208.534 | 1,076,615,616.024 | 114,632.226     | 572,794,053.558 | 0.000           | -337,282,859.042 |
| 2034 | 3     | 1,604,853,062.532 | 473,605,208.534 | 870,797,044.713   | 1,468,907.745   | 558,440,133.825 | 0.000           | 0.000            |
| 2034 | 4     | 1,209,967,003.819 | 473,605,208.534 | 494,748,164.284   | 12,314,946.289  | 567,912,269.530 | 0.000           | 0.000            |
| 2034 | 5     | 965,872,807.292   | 473,605,208.534 | 174,623,699.571   | 41,402,127.126  | 558,467,425.510 | 0.000           | 0.000            |
| 2034 | 6     | 1,051,336,388.777 | 473,605,208.534 | 33,754,219.733    | 127,178,595.186 | 570,089,956.410 | 0.000           | 0.000            |
| 2034 | 7     | 1,295,923,251.070 | 473,605,208.534 | 2,900,869.316     | 281,811,804.618 | 556,205,429.240 | 0.000           | 0.000            |
| 2034 | 8     | 1,332,881,707.340 | 473,605,208.534 | 14,528.202        | 367,919,604.738 | 534,426,175.328 | 0.000           | 0.000            |
| 2034 | 9     | 1,224,370,147.293 | 473,605,208.534 | 256,237.640       | 318,178,882.036 | 554,730,784.316 | 0.000           | 0.000            |
| 2034 | 10    | 954,623,383.677   | 473,605,208.534 | 30,873,373.532    | 145,439,708.140 | 549,825,375.038 | 0.000           | 0.000            |
| 2034 | 11    | 1,112,999,050.230 | 473,605,208.534 | 201,786,242.366   | 33,679,011.177  | 559,966,343.728 | 0.000           | 0.000            |
| 2034 | 12    | 1,670,607,483.716 | 473,605,208.534 | 562,846,081.006   | 4,354,535.838   | 629,801,658.337 | 0.000           | 0.000            |
| 2035 | 1     | 2,151,893,213.844 | 473,605,208.534 | 925,036,098.405   | 612,687.010     | 644,332,332.947 | -17,806,503.500 | 0.000            |
| 2035 | 2     | 1,976,040,254.895 | 473,605,208.534 | 1,076,018,325.468 | 115,572.574     | 575,549,579.938 | 0.000           | -337,282,859.042 |
| 2035 | 3     | 1,607,078,863.925 | 473,605,208.534 | 870,300,979.054   | 1,480,935.388   | 561,149,973.235 | 0.000           | 0.000            |
| 2035 | 4     | 1,212,573,981.755 | 473,605,208.534 | 494,459,108.257   | 12,415,601.837  | 570,707,647.945 | 0.000           | 0.000            |
| 2035 | 5     | 968,892,427.472   | 473,605,208.534 | 174,518,961.797   | 41,739,876.044  | 561,254,034.546 | 0.000           | 0.000            |
| 2035 | 6     | 1,055,230,009.665 | 473,605,208.534 | 33,733,307.616    | 128,213,554.843 | 572,969,529.759 | 0.000           | 0.000            |
| 2035 | 7     | 1,301,041,979.956 | 473,605,208.534 | 2,899,014.731     | 284,099,522.394 | 559,038,294.935 | 0.000           | 0.000            |
| 2035 | 8     | 1,338,561,956.184 | 473,605,208.534 | 14,518.578        | 370,897,757.499 | 537,128,281.036 | 0.000           | 0.000            |
| 2035 | 9     | 1,229,708,927.196 | 473,605,208.534 | 256,062.558       | 320,747,714.198 | 557,500,907.139 | 0.000           | 0.000            |
| 2035 | 10    | 958,449,186.204   | 473,605,208.534 | 30,851,666.895    | 146,611,016.635 | 552,501,575.707 | 0.000           | 0.000            |
| 2035 | 11    | 1,115,776,636.244 | 473,605,208.534 | 201,640,462.981   | 33,949,589.672  | 562,619,130.632 | 0.000           | 0.000            |
| 2035 | 12    | 1,673,138,157.010 | 473,605,208.534 | 562,431,851.846   | 4,389,461.005   | 632,711,635.625 | 0.000           | 0.000            |
| 2036 | 1     | 2,153,582,279.864 | 473,605,208.534 | 924,254,015.293   | 617,617.939     | 646,798,551.149 | -17,806,503.500 | 0.000            |
| 2036 | 2     | 1,977,357,020.610 | 473,605,208.534 | 1,075,109,899.064 | 116,502.848     | 577,773,841.782 | 0.000           | -337,282,859.042 |
| 2036 | 3     | 1,608,546,236.766 | 473,605,208.534 | 869,564,566.638   | 1,492,852.975   | 563,341,840.904 | 0.000           | 0.000            |

KPCo Residual Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2036 | 4     | 1,214,520,913.317 | 473,605,208.534 | 494,035,468.850   | 12,515,381.418  | 572,978,439.333 | 0.000           | 0.000            |
| 2036 | 5     | 971,350,040.033   | 473,605,208.534 | 174,367,765.571   | 42,074,920.226  | 563,527,799.151 | 0.000           | 0.000            |
| 2036 | 6     | 1,058,594,964.441 | 473,605,208.534 | 33,703,915.588    | 129,242,079.727 | 575,335,351.678 | 0.000           | 0.000            |
| 2036 | 7     | 1,305,654,134.347 | 473,605,208.534 | 2,896,471.705     | 286,376,868.848 | 561,375,645.898 | 0.000           | 0.000            |
| 2036 | 8     | 1,343,768,105.620 | 473,605,208.534 | 14,505.835        | 373,870,693.398 | 539,361,507.316 | 0.000           | 0.000            |
| 2036 | 9     | 1,234,560,579.644 | 473,605,208.534 | 255,837.558       | 323,318,352.395 | 559,782,146.389 | 0.000           | 0.000            |
| 2036 | 10    | 961,789,045.487   | 473,605,208.534 | 30,824,559.823    | 147,786,042.599 | 554,693,516.098 | 0.000           | 0.000            |
| 2036 | 11    | 1,118,036,592.456 | 473,605,208.534 | 201,463,489.603   | 34,221,714.239  | 564,783,935.654 | 0.000           | 0.000            |
| 2036 | 12    | 1,675,049,461.870 | 473,605,208.534 | 561,938,834.544   | 4,424,649.752   | 635,080,769.040 | 0.000           | 0.000            |
| 2037 | 1     | 2,155,401,910.432 | 473,605,208.534 | 923,576,039.785   | 622,656.407     | 649,291,118.758 | -17,806,503.500 | 0.000            |
| 2037 | 2     | 1,978,803,938.146 | 473,605,208.534 | 1,074,308,820.831 | 117,451.907     | 580,020,888.493 | 0.000           | -337,282,859.042 |
| 2037 | 3     | 1,610,120,847.944 | 473,605,208.534 | 868,910,667.728   | 1,505,003.743   | 565,558,200.223 | 0.000           | 0.000            |
| 2037 | 4     | 1,216,552,097.433 | 473,605,208.534 | 493,664,191.929   | 12,617,253.654  | 575,279,028.134 | 0.000           | 0.000            |
| 2037 | 5     | 973,870,604.943   | 473,605,208.534 | 174,236,765.286   | 42,417,409.923  | 565,836,874.649 | 0.000           | 0.000            |
| 2037 | 6     | 1,062,022,512.936 | 473,605,208.534 | 33,678,398.007    | 130,293,350.509 | 577,737,146.972 | 0.000           | 0.000            |
| 2037 | 7     | 1,310,355,624.657 | 473,605,208.534 | 2,894,258.137     | 288,704,236.357 | 563,751,982.267 | 0.000           | 0.000            |
| 2037 | 8     | 1,349,074,511.506 | 473,605,208.534 | 14,494.643        | 376,906,357.666 | 541,632,260.125 | 0.000           | 0.000            |
| 2037 | 9     | 1,239,498,410.972 | 473,605,208.534 | 255,637.136       | 325,939,688.441 | 562,098,842.094 | 0.000           | 0.000            |
| 2037 | 10    | 965,183,646.315   | 473,605,208.534 | 30,800,071.294    | 148,982,585.045 | 556,916,063.008 | 0.000           | 0.000            |
| 2037 | 11    | 1,120,342,546.747 | 473,605,208.534 | 201,300,687.246   | 34,498,317.389  | 566,976,089.152 | 0.000           | 0.000            |
| 2037 | 12    | 1,677,018,463.557 | 473,605,208.534 | 561,475,330.262   | 4,460,338.087   | 637,477,586.674 | 0.000           | 0.000            |
| 2038 | 1     | 2,157,335,605.396 | 473,605,208.534 | 922,961,663.822   | 627,776.911     | 651,834,069.181 | -17,806,503.500 | 0.000            |
| 2038 | 2     | 1,980,375,884.506 | 473,605,208.534 | 1,073,577,089.097 | 118,415.905     | 582,323,602.589 | 0.000           | -337,282,859.042 |
| 2038 | 3     | 1,611,799,984.719 | 473,605,208.534 | 868,303,917.237   | 1,517,330.138   | 567,831,761.094 | 0.000           | 0.000            |
| 2038 | 4     | 1,218,663,348.349 | 473,605,208.534 | 493,311,571.169   | 12,720,388.708  | 577,639,764.756 | 0.000           | 0.000            |
| 2038 | 5     | 976,451,498.682   | 473,605,208.534 | 174,108,973.849   | 42,763,316.078  | 568,199,653.671 | 0.000           | 0.000            |
| 2038 | 6     | 1,065,519,131.986 | 473,605,208.534 | 33,653,274.028    | 131,354,217.540 | 580,198,022.969 | 0.000           | 0.000            |
| 2038 | 7     | 1,315,141,485.499 | 473,605,208.534 | 2,892,070.609     | 291,052,047.186 | 566,192,219.808 | 0.000           | 0.000            |
| 2038 | 8     | 1,354,465,646.745 | 473,605,208.534 | 14,483.472        | 379,965,786.288 | 543,963,977.913 | 0.000           | 0.000            |
| 2038 | 9     | 1,244,530,368.202 | 473,605,208.534 | 255,437.887       | 328,582,545.356 | 564,488,141.658 | 0.000           | 0.000            |
| 2038 | 10    | 968,666,986.510   | 473,605,208.534 | 30,775,769.736    | 150,189,157.307 | 559,217,132.499 | 0.000           | 0.000            |
| 2038 | 11    | 1,122,738,168.327 | 473,605,208.534 | 201,139,937.669   | 34,777,378.327  | 569,253,399.371 | 0.000           | 0.000            |
| 2038 | 12    | 1,679,103,085.039 | 473,605,208.534 | 561,024,051.076   | 4,496,394.958   | 639,977,430.470 | 0.000           | 0.000            |



KPCo Res Model Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2039 | 1     | 2,159,032,019.917 | 473,605,208.534 | 922,155,508.217   | 632,805.553     | 654,331,610.665 | -17,806,503.500 | 0.000            |
| 2039 | 2     | 1,981,694,180.873 | 473,605,208.534 | 1,072,632,288.283 | 119,363.655     | 584,585,752.020 | 0.000           | -337,282,859.042 |
| 2039 | 3     | 1,613,280,300.811 | 473,605,208.534 | 867,534,093.771   | 1,529,464.198   | 570,069,766.593 | 0.000           | 0.000            |
| 2039 | 4     | 1,220,654,490.899 | 473,605,208.534 | 492,871,744.420   | 12,822,049.280  | 579,969,073.482 | 0.000           | 0.000            |
| 2039 | 5     | 978,977,556.491   | 473,605,208.534 | 173,952,949.297   | 43,104,881.526  | 570,540,170.583 | 0.000           | 0.000            |
| 2039 | 6     | 1,068,979,231.871 | 473,605,208.534 | 33,623,045.900    | 132,403,112.174 | 582,639,456.349 | 0.000           | 0.000            |
| 2039 | 7     | 1,319,883,276.724 | 473,605,208.534 | 2,889,464.738     | 293,375,339.623 | 568,613,324.467 | 0.000           | 0.000            |
| 2039 | 8     | 1,359,815,185.051 | 473,605,208.534 | 14,470.371        | 382,997,482.121 | 546,281,833.488 | 0.000           | 0.000            |
| 2039 | 9     | 1,249,527,294.689 | 473,605,208.534 | 255,206.248       | 331,203,500.899 | 566,864,344.241 | 0.000           | 0.000            |
| 2039 | 10    | 972,123,921.950   | 473,605,208.534 | 30,747,672.864    | 151,386,221.181 | 561,505,100.938 | 0.000           | 0.000            |
| 2039 | 11    | 1,125,097,728.539 | 473,605,208.534 | 200,955,666.563   | 35,054,455.507  | 571,520,153.509 | 0.000           | 0.000            |
| 2039 | 12    | 1,681,103,818.770 | 473,605,208.534 | 560,506,427.585   | 4,532,188.971   | 642,459,993.679 | 0.000           | 0.000            |
| 2040 | 1     | 2,161,169,126.084 | 473,605,208.534 | 921,573,016.651   | 638,026.645     | 657,045,987.305 | -17,806,503.500 | 0.000            |
| 2040 | 2     | 1,983,483,581.346 | 473,605,208.534 | 1,071,961,240.071 | 120,349.218     | 587,045,215.141 | 0.000           | -337,282,859.042 |
| 2040 | 3     | 1,615,188,352.202 | 473,605,208.534 | 866,996,965.775   | 1,542,102.676   | 572,502,307.503 | 0.000           | 0.000            |
| 2040 | 4     | 1,222,977,281.736 | 473,605,208.534 | 492,564,389.781   | 12,927,944.547  | 582,493,323.692 | 0.000           | 0.000            |
| 2040 | 5     | 981,754,034.228   | 473,605,208.534 | 173,843,341.945   | 43,460,595.302  | 573,070,541.896 | 0.000           | 0.000            |
| 2040 | 6     | 1,072,681,022.029 | 473,605,208.534 | 33,601,536.418    | 133,494,454.489 | 585,271,413.675 | 0.000           | 0.000            |
| 2040 | 7     | 1,324,902,149.134 | 473,605,208.534 | 2,887,585.362     | 295,790,340.449 | 571,219,075.427 | 0.000           | 0.000            |
| 2040 | 8     | 1,365,461,164.015 | 473,605,208.534 | 14,460.834        | 386,146,890.394 | 548,778,413.715 | 0.000           | 0.000            |
| 2040 | 9     | 1,254,799,257.560 | 473,605,208.534 | 255,034.544       | 333,922,416.491 | 569,417,563.223 | 0.000           | 0.000            |
| 2040 | 10    | 975,809,143.288   | 473,605,208.534 | 30,726,834.594    | 152,628,230.230 | 563,969,151.497 | 0.000           | 0.000            |
| 2040 | 11    | 1,127,688,677.393 | 473,605,208.534 | 200,817,898.565   | 35,341,773.245  | 573,961,552.623 | 0.000           | 0.000            |
| 2040 | 12    | 1,683,439,241.014 | 473,605,208.534 | 560,120,614.674   | 4,569,323.626   | 645,144,094.180 | 0.000           | 0.000            |
| 2041 | 1     | 2,162,866,692.978 | 473,605,208.534 | 920,703,620.733   | 643,087.868     | 659,607,888.895 | -17,806,503.500 | 0.000            |
| 2041 | 2     | 1,984,789,246.292 | 473,605,208.534 | 1,070,943,447.801 | 121,303.164     | 589,367,718.412 | 0.000           | -337,282,859.042 |
| 2041 | 3     | 1,616,675,170.692 | 473,605,208.534 | 866,172,031.303   | 1,554,322.985   | 574,801,840.154 | 0.000           | 0.000            |
| 2041 | 4     | 1,225,016,396.899 | 473,605,208.534 | 492,102,539.467   | 13,030,571.861  | 584,891,661.856 | 0.000           | 0.000            |
| 2041 | 5     | 984,364,885.925   | 473,605,208.534 | 173,685,335.475   | 43,806,863.581  | 575,493,131.784 | 0.000           | 0.000            |
| 2041 | 6     | 1,076,258,992.497 | 473,605,208.534 | 33,572,254.199    | 134,563,102.563 | 587,810,018.287 | 0.000           | 0.000            |
| 2041 | 7     | 1,329,815,705.309 | 473,605,208.534 | 2,885,209.250     | 298,172,695.593 | 573,752,652.569 | 0.000           | 0.000            |
| 2041 | 8     | 1,371,038,285.107 | 473,605,208.534 | 14,449.768        | 389,279,437.099 | 551,222,999.169 | 0.000           | 0.000            |
| 2041 | 9     | 1,260,063,723.671 | 473,605,208.534 | 254,857.207       | 336,654,857.367 | 571,949,765.796 | 0.000           | 0.000            |

KPCo Residual Output

| Year | Month | Pred              | CONST           | XHeat             | XCool           | XOther          | Jan             | Feb              |
|------|-------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|------------------|
| 2041 | 10    | 979,516,441.138   | 473,605,208.534 | 30,707,722.089    | 153,888,457.788 | 566,435,334.293 | 0.000           | 0.000            |
| 2041 | 11    | 1,130,357,651.621 | 473,605,208.534 | 200,711,201.623   | 35,636,818.803  | 576,442,178.235 | 0.000           | 0.000            |
| 2041 | 12    | 1,685,997,826.221 | 473,605,208.534 | 559,877,880.741   | 4,607,921.497   | 647,906,815.449 | 0.000           | 0.000            |
| 2042 | 1     | 2,165,436,510.320 | 473,605,208.534 | 920,412,311.936   | 648,580.805     | 662,463,522.097 | -17,806,503.500 | 0.000            |
| 2042 | 2     | 1,987,198,830.107 | 473,605,208.534 | 1,070,730,599.995 | 122,353.673     | 591,989,099.524 | 0.000           | -337,282,859.042 |
| 2042 | 3     | 1,619,255,191.977 | 473,605,208.534 | 866,111,343.645   | 1,567,985.514   | 577,428,886.569 | 0.000           | 0.000            |
| 2042 | 4     | 1,227,939,560.130 | 473,605,208.534 | 492,139,310.868   | 13,147,014.220  | 587,661,611.326 | 0.000           | 0.000            |
| 2042 | 5     | 987,618,924.300   | 473,605,208.534 | 173,724,225.054   | 44,204,918.886  | 578,310,225.275 | 0.000           | 0.000            |
| 2042 | 6     | 1,080,494,869.774 | 473,605,208.534 | 33,585,131.383    | 135,807,497.660 | 590,788,623.283 | 0.000           | 0.000            |
| 2042 | 7     | 1,335,623,606.165 | 473,605,208.534 | 2,886,796.123     | 300,980,164.715 | 576,751,497.430 | 0.000           | 0.000            |
| 2042 | 8     | 1,377,704,630.617 | 473,605,208.534 | 14,460.339        | 393,016,037.749 | 554,152,733.457 | 0.000           | 0.000            |
| 2042 | 9     | 1,266,420,425.255 | 473,605,208.534 | 255,090.532       | 339,948,799.164 | 575,012,292.257 | 0.000           | 0.000            |
| 2042 | 10    | 984,113,437.567   | 473,605,208.534 | 30,741,905.982    | 155,424,844.778 | 569,461,759.839 | 0.000           | 0.000            |
| 2042 | 11    | 1,134,059,944.173 | 473,605,208.534 | 200,975,769.507   | 35,999,977.100  | 579,516,744.606 | 0.000           | 0.000            |
| 2042 | 12    | 1,690,366,420.336 | 473,605,208.534 | 560,735,910.221   | 4,655,875.277   | 651,369,426.304 | 0.000           | 0.000            |

KPCo Residual Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 1995 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1995 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1995 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1995 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1995 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 1995 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 1995 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 1995 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 1995 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 1995 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1995 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1995 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1996 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1996 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1996 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1996 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1996 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 1996 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 1996 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 1996 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 1996 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 1996 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1996 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1996 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1997 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1997 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1997 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1997 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1997 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 1997 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 1997 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 1997 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 1997 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |

KPCo Res M I Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 1997 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1997 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1997 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1998 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1998 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1998 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1998 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1998 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 1998 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 1998 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 1998 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 1998 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 1998 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1998 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1998 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1999 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1999 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1999 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1999 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1999 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 1999 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 1999 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 1999 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 1999 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 1999 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1999 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 1999 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2000 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2000 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2000 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2000 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2000 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2000 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |

KPCo Res Net Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2000 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2000 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2000 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2000 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2000 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2000 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2001 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2001 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2001 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2001 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2001 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2001 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2001 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2001 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2001 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2001 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2001 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2001 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2002 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2002 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2002 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2002 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2002 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2002 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2002 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2002 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2002 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2002 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2002 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2002 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2003 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2003 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2003 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |



KPCo Residual Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2006 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2006 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2006 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2006 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2006 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2006 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2006 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2006 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2006 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2006 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2006 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2006 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2007 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2007 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2007 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2007 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2007 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2007 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2007 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2007 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2007 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2007 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2007 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2007 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2008 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2008 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2008 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2008 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2008 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2008 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2008 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2008 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2008 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |

KPCo Res Model Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2008 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2008 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2008 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2009 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2009 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2009 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2009 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2009 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2009 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2009 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2009 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2009 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2009 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2009 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2009 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2010 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2010 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2010 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2010 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2010 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2010 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2010 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2010 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2010 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2010 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2010 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2010 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2011 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2011 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2011 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2011 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2011 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2011 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |



KPCo Res Model Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2011 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2011 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2011 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2011 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2011 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2011 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2012 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2012 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2012 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2012 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2012 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2012 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2012 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2012 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2012 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2012 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2012 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2012 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2013 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2013 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2013 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2013 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2013 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2013 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2013 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2013 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2013 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2013 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2013 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2013 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2014 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2014 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2014 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |



KPCo Res Level Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2017 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2017 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2017 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2017 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2017 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2017 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2017 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2017 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2017 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2017 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2017 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2017 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2018 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2018 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2018 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2018 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2018 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2018 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2018 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2018 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2018 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2018 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2018 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2018 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2019 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2019 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2019 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2019 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2019 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2019 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2019 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2019 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2019 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |

KPCo Res Model Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2019 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2019 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2019 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2020 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2020 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2020 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2020 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2020 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2020 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2020 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2020 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2020 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2020 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2020 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2020 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2021 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2021 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2021 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2021 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2021 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2021 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2021 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2021 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2021 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2021 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2021 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2021 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2022 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2022 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2022 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2022 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2022 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2022 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |

KPCo Res I el Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2022 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2022 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2022 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2022 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2022 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2022 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2023 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2023 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2023 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2023 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2023 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2023 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2023 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2023 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2023 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2023 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2023 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2023 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2024 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2024 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2024 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2024 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2024 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2024 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2024 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2024 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2024 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2024 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2024 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2024 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2025 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2025 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2025 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |



KPCo Res M I Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2028 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2028 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2028 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2028 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2028 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2028 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2028 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2028 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2028 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2028 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2028 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2028 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2029 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2029 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2029 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2029 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2029 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2029 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2029 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2029 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2029 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2029 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2029 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2029 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2030 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2030 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2030 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2030 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2030 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2030 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2030 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2030 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2030 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |

KPCo Res M I Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2030 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2030 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2030 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2031 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2031 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2031 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2031 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2031 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2031 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2031 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2031 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2031 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2031 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2031 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2031 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2032 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2032 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2032 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2032 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2032 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2032 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2032 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2032 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2032 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2032 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2032 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2032 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2033 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2033 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2033 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2033 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2033 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2033 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |



KPCo Res Model Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2033 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2033 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2033 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2033 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2033 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2033 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2034 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2034 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2034 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2034 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2034 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2034 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2034 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2034 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2034 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2034 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2034 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2034 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2035 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2035 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2035 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2035 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2035 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2035 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2035 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2035 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2035 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2035 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2035 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2035 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2036 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2036 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2036 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |



KPCo Res Net Output

| Year | Month | Mar              | Apr              | May              | Jun              | Jul             | Aug             | Sep              |
|------|-------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
| 2039 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2039 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2039 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2039 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2039 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2039 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2039 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2039 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2039 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2039 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2039 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2039 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2040 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2040 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2040 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2040 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2040 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2040 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2040 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2040 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2040 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |
| 2040 | 10    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2040 | 11    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2040 | 12    | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2041 | 1     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2041 | 2     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2041 | 3     | -390,213,570.788 | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2041 | 4     | 0.000            | -338,613,584.818 | 0.000            | 0.000            | 0.000           | 0.000           | 0.000            |
| 2041 | 5     | 0.000            | 0.000            | -282,225,653.449 | 0.000            | 0.000           | 0.000           | 0.000            |
| 2041 | 6     | 0.000            | 0.000            | 0.000            | -153,291,591.086 | 0.000           | 0.000           | 0.000            |
| 2041 | 7     | 0.000            | 0.000            | 0.000            | 0.000            | -18,600,060.638 | 0.000           | 0.000            |
| 2041 | 8     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | -43,083,809.463 | 0.000            |
| 2041 | 9     | 0.000            | 0.000            | 0.000            | 0.000            | 0.000           | 0.000           | -122,400,965.232 |











































| Year | Month | FebD06on | MarD06on | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|----------|----------|--------|--------|-----------|-----------|-----------|
| 1995 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 260856178 |
| 1995 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 167938972 |
| 1995 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 151535744 |
| 1995 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 163207426 |
| 1995 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 172451669 |
| 1995 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 205451160 |
| 1995 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 234303017 |
| 1995 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 269851063 |
| 1995 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 132055702 |
| 1995 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 180785730 |
| 1995 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 205363925 |
| 1995 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234534  | 312024244 |
| 1996 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 262944774 |
| 1996 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 169554413 |
| 1996 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 152130325 |
| 1996 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 164962523 |
| 1996 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 173438652 |
| 1996 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 206702308 |
| 1996 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 234816504 |
| 1996 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 224374635 |
| 1996 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 211283392 |
| 1996 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 182674250 |
| 1996 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 206749920 |
| 1996 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236048  | 261532563 |
| 1997 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 263931524 |
| 1997 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 170537804 |
| 1997 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 153340315 |
| 1997 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 165857313 |
| 1997 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 174895345 |
| 1997 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 207887304 |
| 1997 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 236622279 |
| 1997 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 226117676 |
| 1997 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 213025525 |

| Year | Month | FebD06on | MarD06on | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|----------|----------|--------|--------|-----------|-----------|-----------|
| 1997 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 184376498 |
| 1997 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 204176494 |
| 1997 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236897  | 265814136 |
| 1998 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 269685561 |
| 1998 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 173684192 |
| 1998 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 156609607 |
| 1998 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 169272079 |
| 1998 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 178507246 |
| 1998 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 211831593 |
| 1998 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 240123276 |
| 1998 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 230461275 |
| 1998 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 218157225 |
| 1998 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 187945801 |
| 1998 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 213392566 |
| 1998 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239235  | 266059462 |
| 1999 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 273555359 |
| 1999 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 176974390 |
| 1999 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 160034906 |
| 1999 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 172464393 |
| 1999 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 180761112 |
| 1999 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 214312648 |
| 1999 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 243426264 |
| 1999 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 233095903 |
| 1999 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 220153787 |
| 1999 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 190777736 |
| 1999 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 213215458 |
| 1999 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.240381  | 272917499 |
| 2000 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 277328754 |
| 2000 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 180847048 |
| 2000 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 162687435 |
| 2000 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 175283947 |
| 2000 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 184303964 |
| 2000 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 216477696 |



KPCo Res Model Output

| Year | Month | FebD06on | MarD06on | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|----------|----------|--------|--------|-----------|-----------|-----------|
| 2000 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 246698050 |
| 2000 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 236621672 |
| 2000 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 225280888 |
| 2000 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 197109737 |
| 2000 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 220297439 |
| 2000 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241371  | 276020809 |
| 2001 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 281509067 |
| 2001 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 185800780 |
| 2001 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 166806087 |
| 2001 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 178690143 |
| 2001 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 187859405 |
| 2001 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 222471990 |
| 2001 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 250939676 |
| 2001 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 238813305 |
| 2001 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 228811426 |
| 2001 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 198003671 |
| 2001 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 220897417 |
| 2001 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.241213  | 277120260 |
| 2002 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 279503667 |
| 2002 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 182748877 |
| 2002 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 166565713 |
| 2002 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 178732796 |
| 2002 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 187164754 |
| 2002 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 221729993 |
| 2002 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 248722648 |
| 2002 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 238906263 |
| 2002 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 225880872 |
| 2002 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 196467023 |
| 2002 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 221212110 |
| 2002 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.239112  | 278720911 |
| 2003 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 280778712 |
| 2003 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 183078276 |
| 2003 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 165845873 |

KPCo Res Model Output

| Year | Month | FebD06on | MarD06on | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|----------|----------|--------|--------|-----------|-----------|-----------|
| 2003 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 177573904 |
| 2003 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 186686652 |
| 2003 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 219163779 |
| 2003 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 246175814 |
| 2003 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 234658032 |
| 2003 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 225910597 |
| 2003 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 195650448 |
| 2003 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 218041103 |
| 2003 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.236915  | 274759453 |
| 2004 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 277056963 |
| 2004 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 183375345 |
| 2004 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 165621252 |
| 2004 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 179924117 |
| 2004 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 183950960 |
| 2004 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 219025990 |
| 2004 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 245425329 |
| 2004 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 234665611 |
| 2004 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 221646121 |
| 2004 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 196169712 |
| 2004 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 216191265 |
| 2004 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.234609  | 274170219 |
| 2005 | 1     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 272440861 |
| 2005 | 2     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 182834086 |
| 2005 | 3     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 166076095 |
| 2005 | 4     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 178493389 |
| 2005 | 5     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 181531260 |
| 2005 | 6     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 217292332 |
| 2005 | 7     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 243121516 |
| 2005 | 8     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 235057968 |
| 2005 | 9     | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 221321705 |
| 2005 | 10    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 191460882 |
| 2005 | 11    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 218208172 |
| 2005 | 12    | 0.000    | 0.000    | 0.000  | 0.000  | 0.000     | 0.232299  | 270894706 |

KPCo Res I Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2006 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 299811923 |
| 2006 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 220804197 |
| 2006 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.229877  | 182153785 |
| 2006 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 166483607 |
| 2006 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 181124479 |
| 2006 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 209422302 |
| 2006 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 236269767 |
| 2006 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 228858762 |
| 2006 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 218381301 |
| 2006 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 190559648 |
| 2006 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 211580297 |
| 2006 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.229877  | 264280233 |
| 2007 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 288578531 |
| 2007 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 244619922 |
| 2007 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.225094  | 175240532 |
| 2007 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 170223119 |
| 2007 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 177350578 |
| 2007 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 204696015 |
| 2007 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 230875184 |
| 2007 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 224379476 |
| 2007 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 212681441 |
| 2007 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 185257329 |
| 2007 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 211511470 |
| 2007 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.225094  | 258338953 |
| 2008 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.222025  | 286034049 |
| 2008 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.222025  | 209417386 |
| 2008 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.222025  | 173150111 |
| 2008 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.222025  | 167681761 |
| 2008 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.222025  | 171319284 |
| 2008 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.222025  | 201237054 |
| 2008 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.222025  | 225895426 |
| 2008 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.222025  | 220564070 |
| 2008 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.222025  | 209054781 |

KPCo Res I el Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb           | 11-Mar          | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|------------------|-----------------|-----------|-----------|-----------|
| 2008 | 10    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.222025  | 177510352 |
| 2008 | 11    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.222025  | 200249890 |
| 2008 | 12    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.222025  | 249952526 |
| 2009 | 1     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 276276904 |
| 2009 | 2     | 188,034,427.423 | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 204612807 |
| 2009 | 3     | 0.000           | 90,755,338.503 | 0.000            | 0.000           | 0.000     | 0.217102  | 165145029 |
| 2009 | 4     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 158502436 |
| 2009 | 5     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 167716156 |
| 2009 | 6     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 194658843 |
| 2009 | 7     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 218889190 |
| 2009 | 8     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 211944819 |
| 2009 | 9     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 200331702 |
| 2009 | 10    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 177402694 |
| 2009 | 11    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 197719258 |
| 2009 | 12    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.217102  | 249737491 |
| 2010 | 1     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 271537856 |
| 2010 | 2     | 188,034,427.423 | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 194918582 |
| 2010 | 3     | 0.000           | 90,755,338.503 | 0.000            | 0.000           | 0.000     | 0.212483  | 164098209 |
| 2010 | 4     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 157315782 |
| 2010 | 5     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 162145156 |
| 2010 | 6     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 191368028 |
| 2010 | 7     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 214543438 |
| 2010 | 8     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 206625691 |
| 2010 | 9     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 194409981 |
| 2010 | 10    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 169781206 |
| 2010 | 11    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 188390112 |
| 2010 | 12    | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.212483  | 240304959 |
| 2011 | 1     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.201975  | 250426285 |
| 2011 | 2     | 188,034,427.423 | 0.000          | -132,133,187.203 | 0.000           | 0.000     | 0.201975  | 154971636 |
| 2011 | 3     | 0.000           | 90,755,338.503 | 0.000            | -53,708,619.405 | 0.000     | 0.201975  | 140867892 |
| 2011 | 4     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.201975  | 141510024 |
| 2011 | 5     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.201975  | 154448000 |
| 2011 | 6     | 0.000           | 0.000          | 0.000            | 0.000           | 0.000     | 0.201975  | 176856776 |

KPCo Res Model Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2011 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.201975  | 202954374 |
| 2011 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.201975  | 195960161 |
| 2011 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.201975  | 183191118 |
| 2011 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.201975  | 160202822 |
| 2011 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.201975  | 178871456 |
| 2011 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.201975  | 225427880 |
| 2012 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 243290874 |
| 2012 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 181112566 |
| 2012 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.196766  | 147056068 |
| 2012 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 140902247 |
| 2012 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 149982211 |
| 2012 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 175881528 |
| 2012 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 200699905 |
| 2012 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 189643394 |
| 2012 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 180541588 |
| 2012 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 154599084 |
| 2012 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 175893099 |
| 2012 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.196766  | 220031882 |
| 2013 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 214687617 |
| 2013 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 156849229 |
| 2013 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.176259  | 128388220 |
| 2013 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 122799354 |
| 2013 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 130644301 |
| 2013 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 154868778 |
| 2013 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 176006205 |
| 2013 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 168102699 |
| 2013 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 157967836 |
| 2013 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 136025542 |
| 2013 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 154032656 |
| 2013 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.176259  | 194171060 |
| 2014 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.167275  | 203703979 |
| 2014 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.167275  | 149084950 |
| 2014 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.167275  | 121402357 |

KPCo Res M Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing |
|------|-------|-----------------|----------------|--------|--------|-----------|
| 2014 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2014 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2014 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2014 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2014 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2014 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2014 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2014 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2014 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     |
| 2015 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2015 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     |
| 2016 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2016 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |

| Lgt Share | Lighting  |
|-----------|-----------|
| 0.167275  | 116148945 |
| 0.167275  | 123683319 |
| 0.167275  | 146758058 |
| 0.167275  | 166836858 |
| 0.167275  | 159313162 |
| 0.167275  | 149650630 |
| 0.167275  | 128763908 |
| 0.167275  | 145777865 |
| 0.167275  | 183782289 |
| 0.161516  | 196088072 |
| 0.161516  | 143425178 |
| 0.161516  | 116720411 |
| 0.161516  | 111659402 |
| 0.161516  | 118975356 |
| 0.161516  | 141288671 |
| 0.161516  | 160695646 |
| 0.161516  | 153416781 |
| 0.161516  | 144018324 |
| 0.161516  | 123787633 |
| 0.161516  | 140139363 |
| 0.161516  | 176706317 |
| 0.157297  | 190310492 |
| 0.157297  | 139100314 |
| 0.157297  | 113115259 |
| 0.157297  | 108189026 |
| 0.157297  | 115346784 |
| 0.157297  | 137096613 |
| 0.157297  | 156013142 |
| 0.157297  | 148922822 |
| 0.157297  | 139720916 |
| 0.157297  | 119980462 |
| 0.157297  | 135851963 |
| 0.157297  | 171356046 |

KPCo Res Net Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2017 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 186181903 |
| 2017 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 136005716 |
| 2017 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.154308  | 110532762 |
| 2017 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 105705627 |
| 2017 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 112753460 |
| 2017 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 134105511 |
| 2017 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 152679851 |
| 2017 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 145729374 |
| 2017 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 136672072 |
| 2017 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 117284098 |
| 2017 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 132820479 |
| 2017 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.154308  | 167576188 |
| 2018 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 183298152 |
| 2018 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 133882322 |
| 2018 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.152049  | 108794935 |
| 2018 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 104049911 |
| 2018 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 111012570 |
| 2018 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 132068848 |
| 2018 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 150381109 |
| 2018 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 143529037 |
| 2018 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 134588576 |
| 2018 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 115464740 |
| 2018 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 130751692 |
| 2018 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.152049  | 164967085 |
| 2019 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 180999090 |
| 2019 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 132210522 |
| 2019 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.150138  | 107445267 |
| 2019 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 102770670 |
| 2019 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 109658412 |
| 2019 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 130466309 |
| 2019 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 148555417 |
| 2019 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 141783047 |
| 2019 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 132948576 |

KPCo Res Net Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2019 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 114048892 |
| 2019 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 129129063 |
| 2019 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.150138  | 162905346 |
| 2020 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 173959739 |
| 2020 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 127021267 |
| 2020 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.144651  | 103191719 |
| 2020 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 98709772  |
| 2020 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 105391565 |
| 2020 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 125483150 |
| 2020 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 142933130 |
| 2020 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 136402986 |
| 2020 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 127855091 |
| 2020 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 109607668 |
| 2020 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 124090854 |
| 2020 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.144651  | 156568152 |
| 2021 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 170199395 |
| 2021 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 124250126 |
| 2021 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.141711  | 100921151 |
| 2021 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 96543419  |
| 2021 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 103113789 |
| 2021 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 122819982 |
| 2021 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 139929435 |
| 2021 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 133530630 |
| 2021 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 125138894 |
| 2021 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 107242041 |
| 2021 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 121407064 |
| 2021 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.141711  | 153189339 |
| 2022 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 167270464 |
| 2022 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 122109605 |
| 2022 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.139338  | 99182747  |
| 2022 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 94891677  |
| 2022 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 101369663 |
| 2022 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 120765196 |



| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2022 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 137597723 |
| 2022 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 131301283 |
| 2022 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 123038884 |
| 2022 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 105423252 |
| 2022 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 119332037 |
| 2022 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.139338  | 150562928 |
| 2023 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 164920026 |
| 2023 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 120399511 |
| 2023 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.13739   | 97801049  |
| 2023 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 93581259  |
| 2023 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 99981837  |
| 2023 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 119122370 |
| 2023 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 135726562 |
| 2023 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 129512641 |
| 2023 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 121358046 |
| 2023 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 103972787 |
| 2023 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 117672108 |
| 2023 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13739   | 148455174 |
| 2024 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 162945930 |
| 2024 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 118972730 |
| 2024 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.13571   | 96656975  |
| 2024 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 92499619  |
| 2024 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 98832860  |
| 2024 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 117754309 |
| 2024 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 134161200 |
| 2024 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 128017442 |
| 2024 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 119957568 |
| 2024 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 102770722 |
| 2024 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 116290484 |
| 2024 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.13571   | 146692848 |
| 2025 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 161228076 |
| 2025 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 117742779 |
| 2025 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.134186  | 95681243  |

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2025 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 91582574  |
| 2025 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 97853276  |
| 2025 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 116576924 |
| 2025 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 132803695 |
| 2025 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 126720878 |
| 2025 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 118748910 |
| 2025 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 101740649 |
| 2025 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 115097547 |
| 2025 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.134186  | 145160904 |
| 2026 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 159629674 |
| 2026 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 116605104 |
| 2026 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.132735  | 94784566  |
| 2026 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 90741144  |
| 2026 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 96951409  |
| 2026 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 115486720 |
| 2026 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 131540669 |
| 2026 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 125514681 |
| 2026 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 117626907 |
| 2026 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 100788250 |
| 2026 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 113990313 |
| 2026 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.132735  | 143734121 |
| 2027 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 158076385 |
| 2027 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 115509183 |
| 2027 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.131276  | 93929515  |
| 2027 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 89942607  |
| 2027 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 96091176  |
| 2027 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 114438315 |
| 2027 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 130318012 |
| 2027 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 124347916 |
| 2027 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 116547367 |
| 2027 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 99880356  |
| 2027 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 112929186 |
| 2027 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.131276  | 142359475 |

KPCo Res I Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2028 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 156695459 |
| 2028 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 114549261 |
| 2028 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.12991   | 93194107  |
| 2028 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 89261918  |
| 2028 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 95352021  |
| 2028 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 113524776 |
| 2028 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 129238850 |
| 2028 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 123318407 |
| 2028 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 115601532 |
| 2028 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 99093934  |
| 2028 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 111999955 |
| 2028 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12991   | 141144262 |
| 2029 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 155529110 |
| 2029 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 113751160 |
| 2029 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.128688  | 92594211  |
| 2029 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 88711086  |
| 2029 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 94746989  |
| 2029 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 112763204 |
| 2029 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 128328084 |
| 2029 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 122449678 |
| 2029 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 114810996 |
| 2029 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 98445892  |
| 2029 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 111225338 |
| 2029 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.128688  | 140120658 |
| 2030 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 154505162 |
| 2030 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 113062576 |
| 2030 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.127555  | 92088831  |
| 2030 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 88252723  |
| 2030 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 94237691  |
| 2030 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 112110226 |
| 2030 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 127535319 |
| 2030 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 121694615 |
| 2030 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 114130281 |

KPCo Res Model Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2030 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 97897256  |
| 2030 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 110561094 |
| 2030 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.127555  | 139232644 |
| 2031 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 153642048 |
| 2031 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 112494926 |
| 2031 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.12654   | 91684110  |
| 2031 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 87891117  |
| 2031 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 93829736  |
| 2031 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 111574784 |
| 2031 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 126874563 |
| 2031 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 121066511 |
| 2031 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 113571408 |
| 2031 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 97456269  |
| 2031 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 110017219 |
| 2031 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12654   | 138494611 |
| 2032 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 152801569 |
| 2032 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 111944274 |
| 2032 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.12554   | 91294587  |
| 2032 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 87544162  |
| 2032 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 93436730  |
| 2032 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 111054927 |
| 2032 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 126229986 |
| 2032 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 120452494 |
| 2032 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 113025729 |
| 2032 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 97026682  |
| 2032 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 109486634 |
| 2032 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.12554   | 137773773 |
| 2033 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 151990156 |
| 2033 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 111415444 |
| 2033 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.124556  | 90922423  |
| 2033 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 87213672  |
| 2033 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 93060357  |
| 2033 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 110554597 |

KPCo Res M Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2033 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 125606567 |
| 2033 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 119859308 |
| 2033 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 112500731 |
| 2033 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 96616144  |
| 2033 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 108977373 |
| 2033 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.124556  | 137078748 |
| 2034 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 151173918 |
| 2034 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 110879333 |
| 2034 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.123591  | 90540818  |
| 2034 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 86872254  |
| 2034 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 92673974  |
| 2034 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 110045436 |
| 2034 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 124976036 |
| 2034 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 119258368 |
| 2034 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 111964977 |
| 2034 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 96191771  |
| 2034 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 108454854 |
| 2034 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.123591  | 136370623 |
| 2035 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 150417657 |
| 2035 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 110387295 |
| 2035 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.122665  | 90195431  |
| 2035 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 86564822  |
| 2035 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 92322035  |
| 2035 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 109574857 |
| 2035 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 124387956 |
| 2035 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 118697051 |
| 2035 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 111466602 |
| 2035 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 95799954  |
| 2035 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 107968363 |
| 2035 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.122665  | 135706702 |
| 2036 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 149532509 |
| 2036 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 109788139 |
| 2036 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.121699  | 89751443  |

KPCo Res Net Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2036 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 86159048  |
| 2036 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 91871256  |
| 2036 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 108999330 |
| 2036 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 123692239 |
| 2036 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 118033505 |
| 2036 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 110865875 |
| 2036 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 95311812  |
| 2036 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 107381032 |
| 2036 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.121699  | 134925661 |
| 2037 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 148650507 |
| 2037 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 109190910 |
| 2037 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.120736  | 89309018  |
| 2037 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 85755212  |
| 2037 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 91423256  |
| 2037 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 108427025 |
| 2037 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 123000625 |
| 2037 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 117373910 |
| 2037 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 110268529 |
| 2037 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 94826146  |
| 2037 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 106796218 |
| 2037 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.120736  | 134147653 |
| 2038 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 147774525 |
| 2038 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 108599537 |
| 2038 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.119777  | 88872054  |
| 2038 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 85356914  |
| 2038 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 90980187  |
| 2038 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 107860663 |
| 2038 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 122316049 |
| 2038 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 116721022 |
| 2038 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 109678969 |
| 2038 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 94348660  |
| 2038 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 106220821 |
| 2038 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.119777  | 133381688 |

KPCo Res Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing | Lgt Share | Lighting  |
|------|-------|-----------------|----------------|--------|--------|-----------|-----------|-----------|
| 2039 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 146893106 |
| 2039 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 108002484 |
| 2039 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.118822  | 88429416  |
| 2039 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 84953151  |
| 2039 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 90532922  |
| 2039 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 107290805 |
| 2039 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 121628524 |
| 2039 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 116065837 |
| 2039 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 109086862 |
| 2039 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 93868295  |
| 2039 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 105643280 |
| 2039 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.118822  | 132613241 |
| 2040 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 146037363 |
| 2040 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 107427963 |
| 2040 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.117871  | 88008379  |
| 2040 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 84570746  |
| 2040 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 90106581  |
| 2040 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 106742312 |
| 2040 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 120962187 |
| 2040 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 115431155 |
| 2040 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 108514713 |
| 2040 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 93407441  |
| 2040 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 105085513 |
| 2040 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.117871  | 131868221 |
| 2041 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.116924  | 145163568 |
| 2041 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     | 0.116924  | 106836386 |
| 2041 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     | 0.116924  | 87570143  |
| 2041 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.116924  | 84171683  |
| 2041 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.116924  | 89665875  |
| 2041 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.116924  | 106181510 |
| 2041 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.116924  | 120286548 |
| 2041 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.116924  | 114789550 |
| 2041 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     | 0.116924  | 107938923 |

KPCo Res Model Output

| Year | Month | FebD06on        | MarD06on       | 11-Feb | 11-Mar | X-Missing |
|------|-------|-----------------|----------------|--------|--------|-----------|
| 2041 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2041 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2041 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 1     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 2     | 188,034,427.423 | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 3     | 0.000           | 90,755,338.503 | 0.000  | 0.000  | 0.000     |
| 2042 | 4     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 5     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 6     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 7     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 8     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 9     | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 10    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 11    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |
| 2042 | 12    | 0.000           | 0.000          | 0.000  | 0.000  | 0.000     |

Lgt Share    Lighting

0.116924    92945311

0.116924    104531244

0.116924    131131749

0.115981    144324494

0.115981    106279128

0.115981    87168862

0.115981    83814373

0.115981    89269740

0.115981    105670963

0.115981    119664637

0.115981    114203938

0.115981    107423941

0.115981    92547017

0.115981    104045130

0.115981    130476195



KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual     |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|------------|
| 1995 | 1     | 687,399,187.317   | 442,840.140     | 260856178 | 851,377,951.166   | 1,800,076,156.221 | 1844397518 |
| 1995 | 2     | 989,405,501.965   | 0.000           | 167938972 | 548,116,357.423   | 1,705,460,831.358 | 1596350328 |
| 1995 | 3     | 805,548,188.880   | 0.000           | 151535744 | 494,579,780.737   | 1,451,663,713.460 | 1254741612 |
| 1995 | 4     | 377,714,795.039   | 4,650,035.462   | 163207426 | 532,673,619.092   | 1,078,245,875.853 | 968155387  |
| 1995 | 5     | 136,980,279.621   | 20,384,506.786  | 172451669 | 562,844,822.703   | 892,661,278.584   | 905534413  |
| 1995 | 6     | 28,200,366.037    | 91,066,033.397  | 205451160 | 670,547,997.264   | 995,265,556.460   | 960439592  |
| 1995 | 7     | 1,526,988.180     | 230,907,212.668 | 234303017 | 764,714,198.517   | 1,231,451,416.619 | 1379927028 |
| 1995 | 8     | 0.000             | 383,220,619.171 | 269851063 | 880,735,305.045   | 1,533,806,987.231 | 1533806987 |
| 1995 | 9     | 565,231.441       | 352,353,323.483 | 132055702 | 431,001,151.356   | 915,975,408.134   | 915975408  |
| 1995 | 10    | 15,114,939.132    | 127,039,792.274 | 180785730 | 590,045,386.235   | 912,985,847.237   | 895857464  |
| 1995 | 11    | 231,532,453.412   | 19,585,998.741  | 205363925 | 670,263,281.080   | 1,126,745,657.971 | 1498882470 |
| 1995 | 12    | 635,775,515.586   | 1,721,973.014   | 312024244 | 1,018,379,414.292 | 1,967,901,146.641 | 1967901147 |
| 1996 | 1     | 1,060,421,732.486 | 100,388.852     | 262944774 | 851,001,713.662   | 2,174,468,608.990 | 2076798618 |
| 1996 | 2     | 1,156,876,926.830 | 0.000           | 169554413 | 548,750,576.012   | 1,875,181,916.034 | 1961229680 |
| 1996 | 3     | 880,017,797.609   | 0.000           | 152130325 | 492,358,775.151   | 1,524,506,897.265 | 1540773592 |
| 1996 | 4     | 607,528,423.954   | 5,449,530.694   | 164962523 | 533,889,255.938   | 1,311,829,733.556 | 1352304483 |
| 1996 | 5     | 224,502,929.180   | 55,951,202.329  | 173438652 | 561,321,634.596   | 1,015,214,418.430 | 960242182  |
| 1996 | 6     | 41,991,079.521    | 134,665,092.998 | 206702308 | 668,977,046.587   | 1,052,335,527.097 | 988971149  |
| 1996 | 7     | 4,093,433.590     | 262,540,143.841 | 234816504 | 759,966,607.017   | 1,261,416,688.943 | 1190706251 |
| 1996 | 8     | 0.000             | 279,885,685.827 | 224374635 | 726,172,252.464   | 1,230,432,573.190 | 1142380693 |
| 1996 | 9     | 0.000             | 245,785,102.588 | 211283392 | 683,803,393.581   | 1,140,871,888.307 | 1112761646 |
| 1996 | 10    | 27,116,459.007    | 91,535,686.108  | 182674250 | 591,211,976.496   | 892,538,371.315   | 879169425  |
| 1996 | 11    | 230,599,279.538   | 15,509,575.731  | 206749920 | 669,131,137.850   | 1,121,989,912.638 | 1080485229 |
| 1996 | 12    | 633,939,030.679   | 2,657,046.812   | 261532563 | 846,431,194.045   | 1,744,559,834.211 | 1639880269 |
| 1997 | 1     | 808,489,250.887   | 955,705.125     | 263931524 | 850,185,575.745   | 1,923,562,055.297 | 1872862110 |
| 1997 | 2     | 959,393,136.548   | 680,124.471     | 170537804 | 549,342,418.534   | 1,679,953,484.011 | 1697515458 |
| 1997 | 3     | 661,756,908.945   | 2,216,057.287   | 153340315 | 493,945,257.592   | 1,311,258,539.281 | 1310969528 |
| 1997 | 4     | 400,122,618.913   | 5,371,690.348   | 165857313 | 534,265,454.076   | 1,105,617,076.484 | 1181396423 |
| 1997 | 5     | 207,921,093.799   | 6,935,305.996   | 174895345 | 563,379,082.672   | 953,130,827.510   | 971922643  |
| 1997 | 6     | 58,358,341.207    | 41,401,288.618  | 207887304 | 669,653,949.712   | 977,300,883.480   | 898196542  |
| 1997 | 7     | 6,105,686.497     | 200,524,486.723 | 236622279 | 762,216,070.793   | 1,205,468,523.397 | 1173407879 |
| 1997 | 8     | 0.000             | 293,002,613.172 | 226117676 | 728,378,269.146   | 1,247,498,558.005 | 1213288243 |
| 1997 | 9     | 0.000             | 201,389,329.992 | 213025525 | 686,205,369.599   | 1,100,620,224.638 | 1055187091 |

KPCo Res Net Output

| Year | Month | Heating           | Cooling         | Lighting  | Other           | Total Usage       | Actual     |
|------|-------|-------------------|-----------------|-----------|-----------------|-------------------|------------|
| 1997 | 10    | 19,344,628.864    | 80,680,216.468  | 184376498 | 593,920,107.185 | 878,321,450.100   | 861173071  |
| 1997 | 11    | 270,627,499.967   | 23,931,975.267  | 204176494 | 657,700,558.658 | 1,156,436,528.333 | 1110993059 |
| 1997 | 12    | 622,530,319.256   | 3,888,314.283   | 265814136 | 856,249,913.848 | 1,748,482,683.430 | 1748100828 |
| 1998 | 1     | 746,672,963.535   | 0.000           | 269685561 | 857,595,678.792 | 1,873,954,203.813 | 1816033319 |
| 1998 | 2     | 789,051,467.466   | 0.000           | 173684192 | 552,312,892.998 | 1,515,048,552.616 | 1553672256 |
| 1998 | 3     | 679,939,935.819   | 25,812.335      | 156609607 | 498,015,992.168 | 1,334,591,347.621 | 1393328818 |
| 1998 | 4     | 440,137,420.081   | 32,731,922.169  | 169272079 | 538,282,444.711 | 1,180,423,865.785 | 1159163822 |
| 1998 | 5     | 134,970,350.158   | 29,149,463.676  | 178507246 | 567,650,125.459 | 910,277,185.303   | 927021092  |
| 1998 | 6     | 14,845,835.020    | 110,937,448.727 | 211831593 | 673,621,003.330 | 1,011,235,879.754 | 1003710299 |
| 1998 | 7     | 712,138.219       | 260,117,177.794 | 240123276 | 763,588,093.661 | 1,264,540,685.567 | 1243692578 |
| 1998 | 8     | 135,402.583       | 309,561,620.897 | 230461275 | 732,863,089.730 | 1,273,021,388.534 | 1250202536 |
| 1998 | 9     | 0.000             | 305,603,290.777 | 218157225 | 693,736,409.857 | 1,217,496,925.353 | 1219361560 |
| 1998 | 10    | 7,761,847.332     | 212,920,762.660 | 187945801 | 597,664,577.362 | 1,006,292,988.753 | 994519240  |
| 1998 | 11    | 161,348,083.376   | 56,864,313.515  | 213392566 | 678,584,872.921 | 1,110,189,835.790 | 1079235976 |
| 1998 | 12    | 351,622,290.651   | 5,536,665.891   | 266059462 | 846,064,740.144 | 1,469,283,158.203 | 1459519909 |
| 1999 | 1     | 881,911,962.809   | 1,683,288.799   | 273555359 | 864,453,223.116 | 2,021,603,833.439 | 1996281053 |
| 1999 | 2     | 800,918,090.615   | 314,707.681     | 176974390 | 559,250,906.106 | 1,537,458,094.849 | 1466155153 |
| 1999 | 3     | 828,504,355.491   | 0.000           | 160034906 | 505,721,002.936 | 1,494,260,264.503 | 1560206995 |
| 1999 | 4     | 549,807,376.342   | 7,550,805.293   | 172464393 | 544,999,012.433 | 1,274,821,587.003 | 1223541450 |
| 1999 | 5     | 150,625,622.091   | 27,880,870.833  | 180761112 | 571,217,200.117 | 930,484,805.272   | 866545205  |
| 1999 | 6     | 13,353,991.666    | 126,592,417.670 | 214312648 | 677,242,295.635 | 1,031,501,352.741 | 977527859  |
| 1999 | 7     | 0.000             | 316,218,169.970 | 243426264 | 769,243,268.085 | 1,328,887,701.631 | 1267808366 |
| 1999 | 8     | 0.000             | 436,743,603.120 | 233095903 | 736,598,636.457 | 1,406,438,142.093 | 1387451367 |
| 1999 | 9     | 163,655.891       | 289,239,699.793 | 220153787 | 695,700,687.687 | 1,205,257,830.863 | 1126778699 |
| 1999 | 10    | 18,220,569.019    | 94,264,306.508  | 190777736 | 602,870,400.493 | 906,133,011.882   | 900664947  |
| 1999 | 11    | 155,877,032.216   | 13,957,981.583  | 213215458 | 673,775,102.601 | 1,056,825,574.399 | 1048740561 |
| 1999 | 12    | 428,971,942.781   | 689,040.048     | 272917499 | 862,437,543.294 | 1,565,016,024.971 | 1501399042 |
| 2000 | 1     | 818,051,574.958   | 0.000           | 277328754 | 871,642,518.619 | 1,967,022,848.012 | 1922441096 |
| 2000 | 2     | 1,149,780,042.140 | 0.000           | 180847048 | 568,401,125.041 | 1,899,028,214.748 | 1921954653 |
| 2000 | 3     | 658,647,352.911   | 1,651,940.108   | 162687435 | 511,325,578.942 | 1,334,312,307.336 | 1315910192 |
| 2000 | 4     | 313,297,640.229   | 4,376,481.371   | 175283947 | 550,916,335.210 | 1,043,874,403.816 | 1075373007 |
| 2000 | 5     | 137,741,170.422   | 42,961,592.562  | 184303964 | 579,266,190.364 | 944,272,916.991   | 998023788  |
| 2000 | 6     | 24,169,183.339    | 129,032,745.718 | 216477696 | 680,388,026.803 | 1,050,067,651.675 | 1048146689 |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other           | Total Usage       | Actual     |
|------|-------|-------------------|-----------------|-----------|-----------------|-------------------|------------|
| 2000 | 7     | 55,645.360        | 252,346,769.035 | 246698050 | 775,370,408.262 | 1,274,470,872.552 | 1220915630 |
| 2000 | 8     | 0.000             | 259,854,837.027 | 236621672 | 743,700,415.338 | 1,240,176,924.040 | 1185966961 |
| 2000 | 9     | 846,180.692       | 228,041,180.341 | 225280888 | 708,056,402.626 | 1,162,224,651.196 | 1146883664 |
| 2000 | 10    | 47,252,886.373    | 112,462,322.188 | 197109737 | 619,514,656.450 | 976,339,602.499   | 981004260  |
| 2000 | 11    | 175,583,974.949   | 26,857,725.132  | 220297439 | 692,393,455.320 | 1,115,132,594.364 | 1034520179 |
| 2000 | 12    | 759,254,544.264   | 2,627,934.454   | 276020809 | 867,531,655.684 | 1,905,434,943.811 | 1842378621 |
| 2001 | 1     | 1,315,202,204.337 | 0.000           | 281509067 | 885,545,799.037 | 2,482,257,070.077 | 2442094257 |
| 2001 | 2     | 1,203,690,816.737 | 0.000           | 185800780 | 584,475,312.715 | 1,973,966,909.006 | 1814615611 |
| 2001 | 3     | 858,941,069.098   | 0.000           | 166806087 | 524,723,524.537 | 1,550,470,680.717 | 1520046059 |
| 2001 | 4     | 588,858,441.811   | 31,661,854.046  | 178690143 | 562,107,313.790 | 1,361,317,752.454 | 1325045264 |
| 2001 | 5     | 192,794,037.305   | 81,121,785.745  | 187859405 | 590,951,149.658 | 1,052,726,377.367 | 979761380  |
| 2001 | 6     | 23,988,693.143    | 99,987,470.798  | 222471990 | 699,832,294.339 | 1,046,280,448.144 | 977736682  |
| 2001 | 7     | 1,206,779.304     | 216,173,119.754 | 250939676 | 789,383,370.243 | 1,257,702,945.226 | 1193277617 |
| 2001 | 8     | 0.000             | 338,492,588.248 | 238813305 | 751,237,326.643 | 1,328,543,219.550 | 1290724566 |
| 2001 | 9     | 173,621.086       | 310,723,303.353 | 228811426 | 719,774,319.661 | 1,259,482,669.986 | 1220538372 |
| 2001 | 10    | 35,616,357.906    | 123,953,779.316 | 198003671 | 622,862,066.609 | 980,435,874.839   | 976700738  |
| 2001 | 11    | 181,845,151.656   | 32,714,224.998  | 220897417 | 694,879,144.645 | 1,130,335,938.115 | 1151266077 |
| 2001 | 12    | 277,858,269.804   | 5,616,405.773   | 277120260 | 871,739,886.627 | 1,432,334,822.002 | 1414092325 |
| 2002 | 1     | 841,579,213.086   | 164,660.165     | 279503667 | 889,420,672.110 | 2,010,668,212.381 | 2073169676 |
| 2002 | 2     | 885,412,619.240   | 0.000           | 182748877 | 581,533,082.563 | 1,649,694,578.872 | 1672431977 |
| 2002 | 3     | 775,386,761.343   | 992,034.824     | 166565713 | 530,035,938.557 | 1,472,980,447.806 | 1604873501 |
| 2002 | 4     | 487,649,413.123   | 15,381,579.705  | 178732796 | 568,753,337.855 | 1,250,517,126.699 | 1295819825 |
| 2002 | 5     | 179,206,299.808   | 47,654,125.074  | 187164754 | 595,585,035.085 | 1,009,610,214.002 | 946106019  |
| 2002 | 6     | 72,896,458.788    | 127,313,452.534 | 221729993 | 705,576,573.767 | 1,127,516,478.461 | 1103276438 |
| 2002 | 7     | 15,311,185.338    | 295,156,860.908 | 248722648 | 791,471,062.969 | 1,350,661,756.864 | 1356212003 |
| 2002 | 8     | 0.000             | 416,325,516.271 | 238906263 | 760,233,922.039 | 1,415,465,701.304 | 1425290540 |
| 2002 | 9     | 0.000             | 397,956,170.577 | 225880872 | 718,785,262.531 | 1,342,622,304.755 | 1301868519 |
| 2002 | 10    | 17,143,432.181    | 211,989,166.970 | 196467023 | 625,186,186.194 | 1,050,785,808.310 | 1006367079 |
| 2002 | 11    | 217,548,449.783   | 50,569,551.671  | 221212110 | 703,928,593.180 | 1,193,258,704.139 | 1119831951 |
| 2002 | 12    | 710,164,382.863   | 5,451,451.334   | 278720911 | 886,929,829.368 | 1,881,266,574.234 | 1840687068 |
| 2003 | 1     | 1,000,201,413.016 | 522,288.233     | 280778712 | 904,365,008.537 | 2,185,867,421.416 | 2194397728 |
| 2003 | 2     | 1,338,064,669.085 | 0.000           | 183078276 | 589,679,986.533 | 2,110,822,931.900 | 2098001263 |
| 2003 | 3     | 1,086,412,010.719 | 0.000           | 165845873 | 534,175,841.311 | 1,786,433,725.202 | 1707984851 |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other           | Total Usage       | Actual     |
|------|-------|-------------------|-----------------|-----------|-----------------|-------------------|------------|
| 2003 | 4     | 431,406,336.541   | 12,937,420.973  | 177573904 | 571,950,860.186 | 1,193,868,522.177 | 1143625004 |
| 2003 | 5     | 104,925,237.091   | 36,567,090.277  | 186686652 | 601,302,266.220 | 929,481,245.565   | 934722031  |
| 2003 | 6     | 13,705,197.842    | 54,377,894.385  | 219163779 | 705,908,407.418 | 993,155,278.973   | 947952593  |
| 2003 | 7     | 0.000             | 197,410,532.952 | 246175814 | 792,911,937.772 | 1,236,498,284.939 | 1211800500 |
| 2003 | 8     | 0.000             | 280,615,375.135 | 234658032 | 755,814,113.710 | 1,271,087,520.808 | 1243866914 |
| 2003 | 9     | 0.000             | 284,794,194.126 | 225910597 | 727,639,349.652 | 1,238,344,140.935 | 1260932394 |
| 2003 | 10    | 47,778,568.670    | 100,071,768.909 | 195650448 | 630,173,911.925 | 973,674,697.524   | 967079429  |
| 2003 | 11    | 147,692,931.135   | 17,284,607.441  | 218041103 | 702,292,359.259 | 1,085,311,000.662 | 1060485720 |
| 2003 | 12    | 510,895,668.595   | 3,230,889.751   | 274759453 | 884,977,474.274 | 1,673,863,485.609 | 1727644432 |
| 2004 | 1     | 932,303,198.343   | 932,915.963     | 277056963 | 903,875,173.187 | 2,114,168,250.915 | 2228905325 |
| 2004 | 2     | 1,266,027,621.600 | 443,536.166     | 183375345 | 598,246,728.285 | 2,048,093,231.267 | 2116278744 |
| 2004 | 3     | 912,302,578.914   | 2,053,933.563   | 165621252 | 540,325,484.974 | 1,620,303,249.774 | 1593277528 |
| 2004 | 4     | 510,905,971.767   | 11,575,369.139  | 179924117 | 586,987,384.104 | 1,289,392,841.781 | 1292407887 |
| 2004 | 5     | 182,501,154.577   | 63,393,656.321  | 183950960 | 600,124,624.838 | 1,029,970,396.184 | 1010218989 |
| 2004 | 6     | 31,464,100.215    | 184,999,201.496 | 219025990 | 714,553,976.542 | 1,150,043,268.582 | 1153825211 |
| 2004 | 7     | 1,801,259.360     | 265,243,772.863 | 245425329 | 800,679,611.577 | 1,313,149,972.914 | 1290174059 |
| 2004 | 8     | 0.000             | 279,622,557.989 | 234665611 | 765,576,931.024 | 1,279,865,100.004 | 1207890210 |
| 2004 | 9     | 0.000             | 252,982,343.539 | 221646121 | 723,101,934.344 | 1,197,730,399.070 | 1160797780 |
| 2004 | 10    | 13,311,014.542    | 115,601,637.336 | 196169712 | 639,987,281.502 | 965,069,645.860   | 977278137  |
| 2004 | 11    | 88,905,183.602    | 28,611,970.230  | 216191265 | 705,305,923.118 | 1,039,014,342.226 | 1000907938 |
| 2004 | 12    | 420,062,428.968   | 5,153,753.627   | 274170219 | 894,457,409.499 | 1,593,843,810.658 | 1636977562 |
| 2005 | 1     | 810,467,768.007   | 532,936.702     | 272440861 | 900,363,419.752 | 1,983,804,985.607 | 2070072947 |
| 2005 | 2     | 1,065,894,202.988 | 0.000           | 182834086 | 604,230,666.056 | 1,852,958,955.125 | 1949462577 |
| 2005 | 3     | 978,294,405.024   | 0.000           | 166076095 | 548,848,802.545 | 1,693,219,302.093 | 1771887800 |
| 2005 | 4     | 555,591,206.847   | 4,951,446.025   | 178493389 | 589,885,515.267 | 1,328,921,556.732 | 1308930627 |
| 2005 | 5     | 198,780,245.425   | 19,628,318.713  | 181531260 | 599,925,083.703 | 999,864,908.266   | 1021337501 |
| 2005 | 6     | 44,114,135.533    | 113,026,657.395 | 217292332 | 718,108,385.802 | 1,092,541,510.618 | 1069231423 |
| 2005 | 7     | 4,244,227.153     | 338,214,461.959 | 243121516 | 803,468,756.103 | 1,389,048,961.499 | 1333320855 |
| 2005 | 8     | 0.000             | 487,569,736.439 | 235057968 | 776,820,314.994 | 1,499,448,019.061 | 1460080863 |
| 2005 | 9     | 0.000             | 418,753,155.070 | 221321705 | 731,424,672.162 | 1,371,499,532.641 | 1336065753 |
| 2005 | 10    | 7,883,371.820     | 229,206,897.187 | 191460882 | 632,740,528.511 | 1,061,291,679.522 | 1033743952 |
| 2005 | 11    | 202,890,940.084   | 53,103,778.168  | 218208172 | 721,135,055.467 | 1,195,337,945.224 | 1120136249 |
| 2005 | 12    | 749,162,232.299   | 4,071,384.925   | 270894706 | 895,253,682.381 | 1,919,382,005.922 | 1900439239 |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual     |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|------------|
| 2006 | 1     | 900,295,078.312   | 401,323.482     | 299811923 | 1,004,418,134.571 | 2,204,926,459.687 | 2207723455 |
| 2006 | 2     | 799,096,979.847   | 0.000           | 220804197 | 739,729,551.699   | 1,759,630,728.522 | 1804836408 |
| 2006 | 3     | 853,190,377.172   | 1,139,089.703   | 182153785 | 610,244,458.440   | 1,646,727,710.162 | 1626827484 |
| 2006 | 4     | 547,559,035.117   | 13,735,771.515  | 166483607 | 557,746,844.207   | 1,285,525,257.948 | 1262415620 |
| 2006 | 5     | 137,484,325.490   | 26,726,825.999  | 181124479 | 606,796,118.519   | 952,131,749.042   | 940154584  |
| 2006 | 6     | 14,123,329.380    | 90,880,465.762  | 209422302 | 701,598,375.055   | 1,016,024,472.507 | 1057778074 |
| 2006 | 7     | 1,724,221.209     | 233,696,125.661 | 236269767 | 791,541,695.987   | 1,263,231,809.495 | 1271276787 |
| 2006 | 8     | 0.000             | 403,367,877.729 | 228858762 | 766,713,640.537   | 1,398,940,280.662 | 1424173576 |
| 2006 | 9     | 1,256,915.407     | 322,142,153.471 | 218381301 | 731,612,461.772   | 1,273,392,831.963 | 1255081861 |
| 2006 | 10    | 52,124,491.490    | 99,501,961.626  | 190559648 | 638,405,449.707   | 980,591,550.392   | 971237941  |
| 2006 | 11    | 302,747,267.089   | 11,925,042.936  | 211580297 | 708,828,004.958   | 1,235,080,612.227 | 1232087454 |
| 2006 | 12    | 544,761,926.723   | 2,815,588.953   | 264280233 | 885,381,259.108   | 1,697,239,007.318 | 1774977718 |
| 2007 | 1     | 627,305,587.169   | 918,639.875     | 288578531 | 993,457,338.572   | 1,910,260,096.138 | 1894406857 |
| 2007 | 2     | 1,127,830,329.418 | 76,921.242      | 244619922 | 842,125,906.842   | 2,214,653,079.541 | 2214653080 |
| 2007 | 3     | 1,135,017,154.019 | 1,762,802.758   | 175240532 | 603,281,165.808   | 1,915,301,654.373 | 1845838374 |
| 2007 | 4     | 550,245,801.358   | 23,458,836.692  | 170223119 | 586,008,274.973   | 1,329,936,032.124 | 1270902878 |
| 2007 | 5     | 200,706,590.035   | 47,708,920.773  | 177350578 | 610,545,188.403   | 1,036,311,277.284 | 1045100111 |
| 2007 | 6     | 39,587,471.287    | 153,641,525.106 | 204696015 | 704,684,293.484   | 1,102,609,304.492 | 1145911905 |
| 2007 | 7     | 1,458,713.642     | 276,896,706.947 | 230875184 | 794,808,420.078   | 1,304,039,024.740 | 1271357531 |
| 2007 | 8     | 0.000             | 347,851,332.039 | 224379476 | 772,446,364.588   | 1,344,677,172.368 | 1344388713 |
| 2007 | 9     | 0.000             | 390,075,536.086 | 212681441 | 732,174,835.446   | 1,334,931,812.289 | 1445614073 |
| 2007 | 10    | 9,015,486.983     | 238,779,911.670 | 185257329 | 637,764,883.653   | 1,070,817,611.230 | 1068750061 |
| 2007 | 11    | 179,852,286.401   | 70,236,368.223  | 211511470 | 728,147,107.889   | 1,189,747,232.850 | 1140305734 |
| 2007 | 12    | 553,954,047.080   | 7,778,844.290   | 258338953 | 889,354,895.350   | 1,709,426,739.836 | 1690170525 |
| 2008 | 1     | 850,456,827.317   | 0.000           | 286034049 | 1,002,261,223.014 | 2,138,752,099.232 | 2114912301 |
| 2008 | 2     | 1,056,764,636.836 | 0.000           | 209417386 | 733,796,993.630   | 1,999,979,016.212 | 2006611404 |
| 2008 | 3     | 984,515,564.401   | 0.000           | 173150111 | 606,716,726.559   | 1,764,382,401.778 | 1805065064 |
| 2008 | 4     | 555,595,527.981   | 1,113,466.307   | 167681761 | 587,555,668.951   | 1,311,946,424.327 | 1341179216 |
| 2008 | 5     | 177,413,791.095   | 14,886,608.116  | 171319284 | 600,301,521.528   | 963,921,204.395   | 961256323  |
| 2008 | 6     | 28,014,753.397    | 89,549,605.134  | 201237054 | 705,133,170.735   | 1,023,934,583.248 | 1065972952 |
| 2008 | 7     | 1,577,903.086     | 202,910,607.106 | 225895426 | 791,535,925.595   | 1,221,919,861.499 | 1245205920 |
| 2008 | 8     | 0.000             | 274,527,168.996 | 220564070 | 772,854,895.193   | 1,267,946,134.521 | 1302137681 |
| 2008 | 9     | 0.000             | 275,746,351.441 | 209054781 | 732,526,428.921   | 1,217,327,561.271 | 1237861166 |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual     |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|------------|
| 2008 | 10    | 11,415,856.804    | 141,366,905.379 | 177510352 | 621,994,978.475   | 952,288,092.254   | 992899482  |
| 2008 | 11    | 228,883,281.492   | 30,453,247.085  | 200249890 | 701,674,155.625   | 1,161,260,574.284 | 1204822670 |
| 2008 | 12    | 805,140,717.834   | 1,642,939.265   | 249952526 | 875,831,829.298   | 1,932,568,012.283 | 2004950169 |
| 2009 | 1     | 1,042,530,850.962 | 0.000           | 276276904 | 996,291,854.714   | 2,315,099,609.254 | 2244456670 |
| 2009 | 2     | 1,247,652,756.310 | 0.000           | 204612807 | 737,861,436.481   | 2,190,126,999.749 | 2229732803 |
| 2009 | 3     | 960,712,859.136   | 3,066,547.424   | 165145029 | 595,535,293.766   | 1,724,459,729.019 | 1700254597 |
| 2009 | 4     | 450,312,530.260   | 3,312,062.788   | 158502436 | 571,581,206.608   | 1,183,708,235.622 | 1269251033 |
| 2009 | 5     | 143,382,008.022   | 44,993,231.548  | 167716156 | 604,807,126.490   | 960,898,522.102   | 1006668359 |
| 2009 | 6     | 26,750,343.210    | 102,983,614.678 | 194658843 | 701,966,096.670   | 1,026,358,897.435 | 1054682150 |
| 2009 | 7     | 1,981,686.342     | 179,395,770.335 | 218889190 | 789,344,003.609   | 1,189,610,650.380 | 1213794442 |
| 2009 | 8     | 0.000             | 207,435,464.984 | 211944819 | 764,301,662.012   | 1,183,681,945.757 | 1187851011 |
| 2009 | 9     | 0.000             | 205,415,497.146 | 200331702 | 722,423,192.825   | 1,128,170,391.814 | 1181452121 |
| 2009 | 10    | 44,244,009.205    | 105,502,994.845 | 177402694 | 639,738,092.242   | 966,887,790.482   | 1004137336 |
| 2009 | 11    | 191,156,624.050   | 20,461,332.939  | 197719258 | 713,002,366.551   | 1,122,339,581.349 | 1149238021 |
| 2009 | 12    | 526,524,094.300   | 902,406.964     | 249737491 | 900,587,145.698   | 1,677,751,137.877 | 1653206192 |
| 2010 | 1     | 1,111,969,356.750 | 47,780.064      | 271537856 | 1,006,388,038.398 | 2,389,943,031.005 | 2438469824 |
| 2010 | 2     | 1,254,281,893.153 | 0.000           | 194918582 | 722,417,613.660   | 2,171,618,089.225 | 2121714378 |
| 2010 | 3     | 1,098,042,753.610 | 0.000           | 164098209 | 608,189,507.116   | 1,870,330,469.745 | 1945592071 |
| 2010 | 4     | 442,164,363.922   | 17,632,469.082  | 157315782 | 583,052,114.314   | 1,200,164,729.000 | 1218668893 |
| 2010 | 5     | 107,604,360.971   | 33,473,176.965  | 162145156 | 600,950,999.200   | 904,173,693.412   | 945395139  |
| 2010 | 6     | 23,271,515.872    | 143,269,147.331 | 191368028 | 709,258,359.048   | 1,067,167,049.961 | 1164318713 |
| 2010 | 7     | 2,480,931.327     | 279,692,045.326 | 214543438 | 795,152,296.275   | 1,291,868,710.768 | 1429758865 |
| 2010 | 8     | 0.000             | 354,410,783.297 | 206625691 | 765,807,120.833   | 1,326,843,594.826 | 1489051092 |
| 2010 | 9     | 0.000             | 290,529,998.911 | 194409981 | 720,532,608.773   | 1,205,472,588.874 | 1288807602 |
| 2010 | 10    | 14,689,893.161    | 138,321,170.902 | 169781206 | 629,252,131.054   | 952,044,400.675   | 1008016131 |
| 2010 | 11    | 161,317,541.596   | 31,434,891.974  | 188390112 | 698,221,450.835   | 1,079,363,996.761 | 1081280184 |
| 2010 | 12    | 691,193,594.421   | 2,359,410.464   | 240304959 | 890,631,016.280   | 1,824,488,980.323 | 1914121374 |
| 2011 | 1     | 1,228,325,646.821 | 0.000           | 250426285 | 989,463,192.710   | 2,468,215,124.086 | 2583180892 |
| 2011 | 2     | 1,262,028,626.669 | 0.000           | 154971636 | 612,310,845.124   | 2,029,311,107.997 | 2029311108 |
| 2011 | 3     | 798,781,858.353   | 1,138,748.910   | 140867892 | 556,585,323.504   | 1,497,373,823.206 | 1497373823 |
| 2011 | 4     | 470,727,208.501   | 11,254,882.509  | 141510024 | 559,122,461.430   | 1,182,614,576.924 | 1237322480 |
| 2011 | 5     | 162,711,349.202   | 36,139,252.563  | 154448000 | 610,241,896.252   | 963,540,497.582   | 964228312  |
| 2011 | 6     | 39,053,738.113    | 132,103,181.169 | 176856776 | 698,781,559.962   | 1,046,795,254.783 | 1139615320 |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual     |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|------------|
| 2011 | 7     | 6,449,169.547     | 231,802,751.710 | 202954374 | 801,896,188.815   | 1,243,102,484.367 | 1273345535 |
| 2011 | 8     | 0.000             | 348,154,402.884 | 195960161 | 774,261,244.978   | 1,318,375,809.173 | 1446915637 |
| 2011 | 9     | 215,448.929       | 264,774,141.434 | 183191118 | 723,809,280.254   | 1,171,989,988.908 | 1195311998 |
| 2011 | 10    | 37,958,520.080    | 86,860,008.710  | 160202822 | 632,979,864.109   | 918,001,214.728   | 922740827  |
| 2011 | 11    | 201,840,931.246   | 10,771,434.683  | 178871456 | 706,741,794.404   | 1,098,225,616.104 | 1121424115 |
| 2011 | 12    | 409,959,518.236   | 1,286,559.044   | 225427880 | 890,691,605.613   | 1,527,365,562.497 | 1549999788 |
| 2012 | 1     | 713,666,627.455   | 350,715.530     | 243290874 | 993,159,840.924   | 1,950,468,057.460 | 1936457076 |
| 2012 | 2     | 828,224,778.639   | 0.000           | 181112566 | 739,336,108.451   | 1,748,673,453.527 | 1721183449 |
| 2012 | 3     | 658,119,912.438   | 6,311,609.358   | 147056068 | 600,310,973.406   | 1,411,798,563.223 | 1409422938 |
| 2012 | 4     | 245,295,187.721   | 28,511,067.577  | 140902247 | 575,189,899.473   | 989,898,401.653   | 977120700  |
| 2012 | 5     | 96,535,107.418    | 47,416,164.819  | 149982211 | 612,256,047.070   | 906,189,530.014   | 970622977  |
| 2012 | 6     | 21,840,032.708    | 126,574,158.895 | 175881528 | 717,982,009.813   | 1,042,277,729.407 | 1095117537 |
| 2012 | 7     | 109,049.767       | 292,951,619.779 | 200699905 | 819,295,365.929   | 1,313,055,940.021 | 1374144445 |
| 2012 | 8     | 0.000             | 335,024,700.347 | 189643394 | 774,160,577.251   | 1,298,828,671.689 | 1329610153 |
| 2012 | 9     | 780,229.665       | 258,812,995.853 | 180541588 | 737,005,264.399   | 1,177,140,077.685 | 1199271521 |
| 2012 | 10    | 51,772,692.486    | 100,182,870.188 | 154599084 | 631,103,007.263   | 937,657,654.204   | 940817772  |
| 2012 | 11    | 287,730,693.871   | 19,595,634.149  | 175893099 | 718,029,243.354   | 1,201,248,670.000 | 1183200730 |
| 2012 | 12    | 533,606,629.927   | 1,824,196.694   | 220031882 | 898,212,191.501   | 1,653,674,899.899 | 1657436622 |
| 2013 | 1     | 813,386,539.302   | 0.000           | 214687617 | 1,003,336,359.558 | 2,031,410,516.250 | 1989467918 |
| 2013 | 2     | 1,014,910,436.559 | 0.000           | 156849229 | 733,030,328.290   | 1,904,789,994.079 | 1890739839 |
| 2013 | 3     | 857,088,193.336   | 1,241,246.068   | 128388220 | 600,018,625.373   | 1,586,736,284.584 | 0          |
| 2013 | 4     | 491,795,157.023   | 10,497,239.264  | 122799354 | 573,899,222.905   | 1,198,990,973.180 |            |
| 2013 | 5     | 173,579,667.249   | 35,290,746.015  | 130644301 | 610,562,355.216   | 950,077,069.427   |            |
| 2013 | 6     | 33,553,677.421    | 108,409,812.470 | 154868778 | 723,774,748.892   | 1,020,607,017.219 |            |
| 2013 | 7     | 2,883,929.397     | 240,247,102.554 | 176006205 | 822,559,901.360   | 1,241,697,138.709 |            |
| 2013 | 8     | 14,446.123        | 313,714,717.894 | 168102699 | 785,623,094.730   | 1,267,454,958.074 |            |
| 2013 | 9     | 254,861.780       | 271,378,636.967 | 157967836 | 738,258,106.623   | 1,167,859,441.799 |            |
| 2013 | 10    | 30,718,540.049    | 124,091,489.108 | 136025542 | 635,711,431.331   | 926,547,002.909   |            |
| 2013 | 11    | 200,856,463.740   | 28,747,236.986  | 154032656 | 719,867,156.540   | 1,103,503,513.616 |            |
| 2013 | 12    | 560,500,088.029   | 3,718,522.604   | 194171060 | 907,452,821.854   | 1,665,842,492.233 |            |
| 2014 | 1     | 928,305,802.756   | 521,851.828     | 203703979 | 1,014,074,914.709 | 2,146,606,548.030 |            |
| 2014 | 2     | 1,080,317,243.568 | 98,483.297      | 149084950 | 742,171,599.627   | 1,971,672,276.288 |            |
| 2014 | 3     | 874,186,226.840   | 1,262,544.664   | 121402357 | 604,362,690.528   | 1,601,213,818.875 |            |

KPCo Res Monthly Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2014 | 4     | 496,902,987.435   | 10,589,736.530  | 116148945 | 578,210,263.316   | 1,201,851,931.976 |        |
| 2014 | 5     | 175,462,931.869   | 35,618,044.179  | 123683319 | 615,717,728.476   | 950,482,023.429   |        |
| 2014 | 6     | 33,931,050.849    | 109,458,244.103 | 146758058 | 730,587,914.116   | 1,020,735,266.845 |        |
| 2014 | 7     | 2,917,238.282     | 242,643,207.134 | 166836858 | 830,543,781.779   | 1,242,941,085.508 |        |
| 2014 | 8     | 14,615.708        | 316,902,839.920 | 159313162 | 793,089,474.178   | 1,269,320,092.021 |        |
| 2014 | 9     | 257,869.866       | 274,153,779.190 | 149650630 | 744,987,655.423   | 1,169,049,934.149 |        |
| 2014 | 10    | 31,080,171.395    | 125,356,693.642 | 128763908 | 641,009,813.868   | 926,210,587.370   |        |
| 2014 | 11    | 203,200,876.945   | 29,037,456.598  | 145777865 | 725,708,340.825   | 1,103,724,539.775 |        |
| 2014 | 12    | 566,960,990.188   | 3,755,524.657   | 183782289 | 914,901,173.735   | 1,669,399,977.776 |        |
| 2015 | 1     | 933,463,312.006   | 524,998.207     | 196088072 | 1,017,959,840.936 | 2,148,036,222.780 |        |
| 2015 | 2     | 1,086,089,250.140 | 99,056.096      | 143425178 | 744,568,857.052   | 1,974,182,341.280 |        |
| 2015 | 3     | 878,646,938.456   | 1,269,584.508   | 116720411 | 605,935,333.793   | 1,602,572,267.875 |        |
| 2015 | 4     | 499,308,611.814   | 10,646,013.859  | 111659402 | 579,661,917.341   | 1,201,275,945.476 |        |
| 2015 | 5     | 176,266,759.013   | 35,798,063.077  | 118975356 | 617,641,518.242   | 948,681,696.138   |        |
| 2015 | 6     | 34,078,187.824    | 109,984,651.369 | 141288671 | 733,477,523.814   | 1,018,829,034.176 |        |
| 2015 | 7     | 2,929,230.962     | 243,755,415.284 | 160695646 | 834,225,726.128   | 1,241,606,018.079 |        |
| 2015 | 8     | 14,672.820        | 318,290,945.182 | 153416781 | 796,438,667.479   | 1,268,161,066.967 |        |
| 2015 | 9     | 258,830.339       | 275,304,460.295 | 144018324 | 747,648,081.273   | 1,167,229,696.226 |        |
| 2015 | 10    | 31,190,627.144    | 125,861,427.784 | 123787633 | 642,623,683.336   | 923,463,370.921   |        |
| 2015 | 11    | 203,890,577.688   | 29,149,732.615  | 140139363 | 727,511,074.194   | 1,100,690,747.459 |        |
| 2015 | 12    | 568,797,930.568   | 3,769,466.347   | 176706317 | 917,342,563.891   | 1,666,616,277.839 |        |
| 2016 | 1     | 933,003,711.187   | 526,295.129     | 190310492 | 1,019,566,640.949 | 2,143,407,138.882 |        |
| 2016 | 2     | 1,085,423,491.483 | 99,288.814      | 139100314 | 745,213,986.641   | 1,969,837,081.191 |        |
| 2016 | 3     | 878,008,568.336   | 1,272,422.620   | 113115259 | 606,002,033.045   | 1,598,398,283.169 |        |
| 2016 | 4     | 498,883,300.683   | 10,668,475.151  | 108189026 | 579,610,303.860   | 1,197,351,105.740 |        |
| 2016 | 5     | 176,094,698.246   | 35,869,126.681  | 115346784 | 617,957,172.638   | 945,267,781.777   |        |
| 2016 | 6     | 34,040,387.337    | 110,188,303.357 | 137096613 | 734,479,386.107   | 1,015,804,689.655 |        |
| 2016 | 7     | 2,925,588.485     | 244,173,937.922 | 156013142 | 835,822,524.265   | 1,238,935,193.030 |        |
| 2016 | 8     | 14,652.519        | 318,792,718.032 | 148922822 | 797,836,945.522   | 1,265,567,138.019 |        |
| 2016 | 9     | 258,437.349       | 275,701,263.875 | 139720916 | 748,538,788.175   | 1,164,219,405.179 |        |
| 2016 | 10    | 31,139,114.267    | 126,026,018.140 | 119980462 | 642,781,570.336   | 919,927,164.775   |        |
| 2016 | 11    | 203,526,600.420   | 29,183,945.798  | 135851963 | 727,811,318.819   | 1,096,373,828.338 |        |
| 2016 | 12    | 567,706,483.399   | 3,773,385.092   | 171356046 | 918,020,369.195   | 1,660,856,283.244 |        |



KPCo Res | Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2017 | 1     | 930,674,239.679   | 527,511.433     | 186181903 | 1,020,378,339.030 | 2,137,761,992.971 |        |
| 2017 | 2     | 1,082,563,719.568 | 99,504.513      | 136005716 | 745,385,477.512   | 1,964,054,417.547 |        |
| 2017 | 3     | 875,576,419.376   | 1,275,013.807   | 110532762 | 605,779,803.907   | 1,593,163,999.569 |        |
| 2017 | 4     | 497,441,873.740   | 10,688,922.493  | 105705627 | 579,324,466.990   | 1,193,160,889.747 |        |
| 2017 | 5     | 175,566,343.759   | 35,933,869.915  | 112753460 | 617,950,434.903   | 942,204,108.174   |        |
| 2017 | 6     | 33,934,923.715    | 110,376,364.196 | 134105511 | 734,971,319.648   | 1,013,388,118.801 |        |
| 2017 | 7     | 2,916,272.710     | 244,569,562.940 | 152679851 | 836,768,829.190   | 1,236,934,515.917 |        |
| 2017 | 8     | 14,604.732        | 319,284,544.685 | 145729374 | 798,676,425.973   | 1,263,704,949.529 |        |
| 2017 | 9     | 257,576.795       | 276,107,636.700 | 136672072 | 749,037,472.732   | 1,162,074,758.369 |        |
| 2017 | 10    | 31,033,502.687    | 126,203,953.519 | 117284098 | 642,780,804.302   | 917,302,358.640   |        |
| 2017 | 11    | 202,825,748.948   | 29,223,627.542  | 132820479 | 727,928,642.930   | 1,092,798,498.530 |        |
| 2017 | 12    | 565,729,893.518   | 3,778,371.069   | 167576188 | 918,408,877.104   | 1,655,493,329.633 |        |
| 2018 | 1     | 929,584,157.821   | 530,203.041     | 183298152 | 1,022,222,839.225 | 2,135,635,352.149 |        |
| 2018 | 2     | 1,081,265,328.051 | 100,009.419     | 133882322 | 746,639,102.569   | 1,961,886,762.471 |        |
| 2018 | 3     | 874,501,399.075   | 1,281,447.024   | 108794935 | 606,730,982.009   | 1,591,308,763.551 |        |
| 2018 | 4     | 496,816,562.453   | 10,742,539.772  | 104049911 | 580,268,783.170   | 1,191,877,796.601 |        |
| 2018 | 5     | 175,340,031.411   | 36,112,963.071  | 111012570 | 619,098,357.972   | 941,563,922.910   |        |
| 2018 | 6     | 33,890,116.637    | 110,922,995.147 | 132068848 | 736,525,664.035   | 1,013,407,624.199 |        |
| 2018 | 7     | 2,912,321.156     | 245,772,256.008 | 150381109 | 838,650,047.945   | 1,237,715,733.921 |        |
| 2018 | 8     | 14,584.399        | 320,842,698.925 | 143529037 | 800,437,201.297   | 1,264,823,521.744 |        |
| 2018 | 9     | 257,206.588       | 277,442,563.063 | 134588576 | 750,577,761.655   | 1,162,866,107.701 |        |
| 2018 | 10    | 30,987,527.532    | 126,808,512.080 | 115464740 | 643,927,358.193   | 917,188,138.261   |        |
| 2018 | 11    | 202,515,594.908   | 29,362,215.734  | 130751692 | 729,180,106.236   | 1,091,809,609.039 |        |
| 2018 | 12    | 564,835,606.287   | 3,796,093.169   | 164967085 | 919,993,576.483   | 1,653,592,361.400 |        |
| 2019 | 1     | 929,162,467.766   | 533,694.289     | 180999090 | 1,024,550,778.892 | 2,135,246,031.062 |        |
| 2019 | 2     | 1,080,724,711.323 | 100,663.286     | 132210522 | 748,381,625.194   | 1,961,417,521.731 |        |
| 2019 | 3     | 874,028,138.394   | 1,289,772.041   | 107445267 | 608,197,156.185   | 1,590,960,333.509 |        |
| 2019 | 4     | 496,527,940.607   | 10,811,899.305  | 102770670 | 581,736,459.128   | 1,191,846,968.838 |        |
| 2019 | 5     | 175,232,798.848   | 36,345,013.700  | 109658412 | 620,724,729.449   | 941,960,953.817   |        |
| 2019 | 6     | 33,868,659.164    | 111,633,341.208 | 130466309 | 738,508,455.292   | 1,014,476,764.610 |        |
| 2019 | 7     | 2,910,442.048     | 247,343,181.425 | 148555417 | 840,902,391.211   | 1,239,711,431.186 |        |
| 2019 | 8     | 14,574.875        | 322,890,942.376 | 141783047 | 802,567,188.689   | 1,267,255,752.618 |        |
| 2019 | 9     | 257,040.320       | 279,215,580.521 | 132948576 | 752,559,404.836   | 1,164,980,602.105 |        |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2019 | 10    | 30,967,821.758    | 127,620,233.602 | 114048892 | 645,577,172.317   | 918,214,119.342   |        |
| 2019 | 11    | 202,390,302.795   | 29,550,677.943  | 129129063 | 730,938,934.616   | 1,092,008,978.374 |        |
| 2019 | 12    | 564,501,181.655   | 3,820,560.204   | 162905346 | 922,130,595.073   | 1,653,357,682.490 |        |
| 2020 | 1     | 929,001,023.006   | 537,155.441     | 173959739 | 1,028,657,654.367 | 2,132,155,571.928 |        |
| 2020 | 2     | 1,080,582,994.445 | 101,320.434     | 127021267 | 751,101,373.975   | 1,958,806,956.337 |        |
| 2020 | 3     | 873,951,317.136   | 1,298,248.040   | 103191719 | 610,192,636.577   | 1,588,633,920.998 |        |
| 2020 | 4     | 496,502,791.848   | 10,883,357.256  | 98709772  | 583,690,012.905   | 1,189,785,933.852 |        |
| 2020 | 5     | 175,230,009.243   | 36,586,495.645  | 105391565 | 623,200,750.200   | 940,408,819.968   |        |
| 2020 | 6     | 33,869,204.852    | 112,378,650.134 | 125483150 | 742,006,188.413   | 1,013,737,193.609 |        |
| 2020 | 7     | 2,910,569.555     | 249,001,440.226 | 142933130 | 845,191,301.606   | 1,240,036,441.475 |        |
| 2020 | 8     | 14,575.993        | 325,066,391.179 | 136402986 | 806,577,292.880   | 1,268,061,245.874 |        |
| 2020 | 9     | 257,067.149       | 281,104,544.527 | 127855091 | 756,031,933.696   | 1,165,248,636.314 |        |
| 2020 | 10    | 30,971,917.511    | 128,487,198.788 | 109607668 | 648,131,387.350   | 917,198,172.028   |        |
| 2020 | 11    | 202,422,445.736   | 29,752,215.219  | 124090854 | 733,773,271.370   | 1,090,038,786.375 |        |
| 2020 | 12    | 564,603,232.215   | 3,846,701.110   | 156568152 | 925,817,831.284   | 1,650,835,917.010 |        |
| 2021 | 1     | 927,111,616.479   | 540,558.532     | 170199395 | 1,030,831,272.954 | 2,128,682,843.073 |        |
| 2021 | 2     | 1,078,394,550.064 | 101,963.213     | 124250126 | 752,534,491.536   | 1,955,281,130.530 |        |
| 2021 | 3     | 872,193,313.626   | 1,306,502.075   | 100921151 | 611,240,001.276   | 1,585,660,967.909 |        |
| 2021 | 4     | 495,515,698.457   | 10,952,809.273  | 96543419  | 584,725,789.893   | 1,187,737,716.857 |        |
| 2021 | 5     | 174,886,184.901   | 36,820,929.714  | 103113789 | 624,519,955.939   | 939,340,859.903   |        |
| 2021 | 6     | 33,803,565.210    | 113,101,465.929 | 122819982 | 743,872,671.978   | 1,013,597,685.522 |        |
| 2021 | 7     | 2,905,003.263     | 250,609,435.308 | 139929435 | 847,497,947.643   | 1,240,941,821.639 |        |
| 2021 | 8     | 14,548.485        | 327,173,868.533 | 133530630 | 808,742,883.542   | 1,269,461,930.827 |        |
| 2021 | 9     | 256,588.417       | 282,934,072.682 | 125138894 | 757,917,414.521   | 1,166,246,969.712 |        |
| 2021 | 10    | 30,915,060.450    | 129,326,875.010 | 107242041 | 649,523,164.316   | 917,007,140.812   |        |
| 2021 | 11    | 202,056,235.676   | 29,947,447.582  | 121407064 | 735,315,176.450   | 1,088,725,923.627 |        |
| 2021 | 12    | 563,594,966.506   | 3,872,033.491   | 153189339 | 927,808,007.562   | 1,648,464,346.888 |        |
| 2022 | 1     | 925,162,121.625   | 544,559.644     | 167270464 | 1,033,193,263.910 | 2,126,170,409.117 |        |
| 2022 | 2     | 1,076,153,998.034 | 102,720.508     | 122109605 | 754,244,460.539   | 1,952,610,783.590 |        |
| 2022 | 3     | 870,397,637.575   | 1,316,230.534   | 99182747  | 612,630,247.444   | 1,583,526,862.181 |        |
| 2022 | 4     | 494,506,322.217   | 11,034,606.802  | 94891677  | 586,125,241.358   | 1,186,557,846.961 |        |
| 2022 | 5     | 174,532,524.799   | 37,096,464.801  | 101369663 | 626,138,355.450   | 939,137,008.272   |        |
| 2022 | 6     | 33,735,621.558    | 113,949,218.230 | 120765196 | 745,940,344.336   | 1,014,390,380.555 |        |

KPCo Res Net Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2022 | 7     | 2,899,194.502     | 252,490,506.079 | 137597723 | 849,911,201.351   | 1,242,898,625.341 |        |
| 2022 | 8     | 14,519.473        | 329,631,420.284 | 131301283 | 811,019,459.847   | 1,271,966,682.771 |        |
| 2022 | 9     | 256,077.425       | 285,060,080.391 | 123038884 | 759,984,415.402   | 1,168,339,456.832 |        |
| 2022 | 10    | 30,853,465.668    | 130,298,538.509 | 105423252 | 651,176,491.931   | 917,751,748.191   |        |
| 2022 | 11    | 201,652,926.009   | 30,172,339.836  | 119332037 | 737,088,030.305   | 1,088,245,333.145 |        |
| 2022 | 12    | 562,468,242.810   | 3,901,098.475   | 150562928 | 929,994,448.800   | 1,646,926,717.995 |        |
| 2023 | 1     | 923,625,827.739   | 548,737.085     | 164920026 | 1,035,460,207.834 | 2,124,554,798.366 |        |
| 2023 | 2     | 1,074,360,028.526 | 103,507.832     | 120399511 | 755,935,503.978   | 1,950,798,551.399 |        |
| 2023 | 3     | 868,939,833.443   | 1,326,308.634   | 97801049  | 614,049,711.515   | 1,582,116,902.287 |        |
| 2023 | 4     | 493,672,502.477   | 11,118,970.665  | 93581259  | 587,555,512.009   | 1,185,928,244.394 |        |
| 2023 | 5     | 174,236,411.346   | 37,379,690.690  | 99981837  | 627,741,922.457   | 939,339,861.753   |        |
| 2023 | 6     | 33,678,081.693    | 114,818,167.830 | 119122370 | 747,916,895.501   | 1,015,535,514.672 |        |
| 2023 | 7     | 2,894,222.964     | 254,413,596.858 | 135726562 | 852,167,308.194   | 1,245,201,690.284 |        |
| 2023 | 8     | 14,494.432        | 332,138,779.543 | 129512641 | 813,152,833.562   | 1,274,818,748.583 |        |
| 2023 | 9     | 255,634.408       | 287,226,860.693 | 121358046 | 761,953,722.413   | 1,170,794,263.470 |        |
| 2023 | 10    | 30,799,866.947    | 131,288,009.384 | 103972787 | 652,799,335.978   | 918,859,998.956   |        |
| 2023 | 11    | 201,301,318.926   | 30,401,269.238  | 117672108 | 738,811,341.870   | 1,088,186,038.119 |        |
| 2023 | 12    | 561,484,066.218   | 3,930,673.540   | 148455174 | 932,084,652.373   | 1,645,954,565.654 |        |
| 2024 | 1     | 922,354,802.620   | 553,141.171     | 162945930 | 1,037,743,315.289 | 2,123,597,188.896 |        |
| 2024 | 2     | 1,072,888,245.851 | 104,339.220     | 118972730 | 757,694,009.401   | 1,949,659,324.104 |        |
| 2024 | 3     | 867,758,886.998   | 1,336,976.238   | 96656975  | 615,573,088.120   | 1,581,325,925.905 |        |
| 2024 | 4     | 493,002,661.498   | 11,208,426.259  | 92499619  | 589,096,401.464   | 1,185,807,107.839 |        |
| 2024 | 5     | 174,001,202.219   | 37,680,682.727  | 98832860  | 629,430,507.930   | 939,945,252.465   |        |
| 2024 | 6     | 33,632,805.914    | 115,743,362.714 | 117754309 | 749,934,334.932   | 1,017,064,813.037 |        |
| 2024 | 7     | 2,890,346.749     | 256,464,943.075 | 134161200 | 854,423,848.418   | 1,247,940,338.209 |        |
| 2024 | 8     | 14,475.140        | 334,819,602.166 | 128017442 | 815,296,488.945   | 1,278,148,008.049 |        |
| 2024 | 9     | 255,295.953       | 289,547,220.764 | 119957568 | 763,966,088.162   | 1,173,726,173.142 |        |
| 2024 | 10    | 30,759,434.556    | 132,350,107.723 | 102770722 | 654,509,321.615   | 920,389,586.107   |        |
| 2024 | 11    | 201,039,512.189   | 30,647,584.089  | 116290484 | 740,611,763.093   | 1,088,589,343.339 |        |
| 2024 | 12    | 560,760,186.118   | 3,962,565.357   | 146692848 | 934,233,350.638   | 1,645,648,949.701 |        |
| 2025 | 1     | 922,067,770.891   | 558,030.616     | 161228076 | 1,040,295,746.867 | 2,124,149,624.659 |        |
| 2025 | 2     | 1,072,555,192.159 | 105,261.598     | 117742779 | 759,714,527.070   | 1,950,117,759.354 |        |
| 2025 | 3     | 867,490,067.825   | 1,348,796.230   | 95681243  | 617,366,354.491   | 1,581,886,461.114 |        |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2025 | 4     | 492,854,335.947   | 11,307,619.087  | 91582574  | 590,920,415.960   | 1,186,664,944.691 |        |
| 2025 | 5     | 173,949,713.185   | 38,014,339.118  | 97853276  | 631,381,018.574   | 941,198,347.058   |        |
| 2025 | 6     | 33,623,086.273    | 116,769,059.759 | 116576924 | 752,192,058.201   | 1,019,161,128.541 |        |
| 2025 | 7     | 2,889,529.489     | 258,739,304.190 | 132803695 | 856,892,437.411   | 1,251,324,966.273 |        |
| 2025 | 8     | 14,471.082        | 337,789,630.856 | 126720878 | 817,644,131.256   | 1,282,169,111.141 |        |
| 2025 | 9     | 255,224.993       | 292,116,362.491 | 118748910 | 766,206,415.697   | 1,177,326,913.586 |        |
| 2025 | 10    | 30,750,824.654    | 133,524,183.782 | 101740649 | 656,463,608.367   | 922,479,266.082   |        |
| 2025 | 11    | 200,982,395.332   | 30,919,328.607  | 115097547 | 742,646,636.341   | 1,089,645,907.201 |        |
| 2025 | 12    | 560,598,803.427   | 3,997,685.704   | 145160904 | 936,625,146.254   | 1,646,382,538.893 |        |
| 2026 | 1     | 921,491,826.381   | 563,067.333     | 159629674 | 1,042,991,700.111 | 2,124,676,268.173 |        |
| 2026 | 2     | 1,071,879,095.821 | 106,211.067     | 116605104 | 761,876,865.530   | 1,950,467,276.682 |        |
| 2026 | 3     | 866,937,799.872   | 1,360,953.954   | 94784566  | 619,305,375.085   | 1,582,388,694.632 |        |
| 2026 | 4     | 492,535,873.336   | 11,409,434.411  | 90741144  | 592,886,378.531   | 1,187,572,829.779 |        |
| 2026 | 5     | 173,836,177.217   | 38,356,374.541  | 96951409  | 633,463,143.867   | 942,607,105.071   |        |
| 2026 | 6     | 33,600,844.938    | 117,818,656.700 | 115486720 | 754,569,541.804   | 1,021,475,763.247 |        |
| 2026 | 7     | 2,887,588.692     | 261,062,364.631 | 131540669 | 859,463,167.342   | 1,254,953,789.208 |        |
| 2026 | 8     | 14,461.230        | 340,819,326.471 | 125514681 | 820,090,441.078   | 1,286,438,909.319 |        |
| 2026 | 9     | 255,048.884       | 294,733,683.929 | 117626907 | 768,553,141.462   | 1,181,168,781.256 |        |
| 2026 | 10    | 30,729,314.701    | 134,719,263.603 | 100788250 | 658,532,375.682   | 924,769,204.426   |        |
| 2026 | 11    | 200,839,713.179   | 31,195,739.827  | 113990313 | 744,792,289.930   | 1,090,818,056.268 |        |
| 2026 | 12    | 560,195,643.179   | 4,033,386.754   | 143734121 | 939,132,998.999   | 1,647,096,149.524 |        |
| 2027 | 1     | 921,322,280.340   | 568,497.035     | 158076385 | 1,046,080,956.804 | 2,126,048,119.055 |        |
| 2027 | 2     | 1,071,676,110.591 | 107,234.691     | 115509183 | 764,389,679.048   | 1,951,682,207.739 |        |
| 2027 | 3     | 866,771,255.514   | 1,374,066.584   | 93929515  | 621,584,790.781   | 1,583,659,627.590 |        |
| 2027 | 4     | 492,441,734.675   | 11,519,374.206  | 89942607  | 595,201,163.580   | 1,189,104,879.294 |        |
| 2027 | 5     | 173,803,118.184   | 38,726,008.543  | 96091176  | 635,889,727.763   | 944,510,030.503   |        |
| 2027 | 6     | 33,594,516.458    | 118,954,273.300 | 114438315 | 757,303,137.083   | 1,024,290,241.951 |        |
| 2027 | 7     | 2,887,070.053     | 263,580,964.128 | 130318012 | 862,388,084.354   | 1,259,174,130.586 |        |
| 2027 | 8     | 14,458.722        | 344,109,514.563 | 124347916 | 822,880,580.243   | 1,291,352,469.876 |        |
| 2027 | 9     | 255,006.421       | 297,581,031.911 | 116547367 | 771,259,930.429   | 1,185,643,336.161 |        |
| 2027 | 10    | 30,724,541.404    | 136,022,270.469 | 99880356  | 660,964,880.344   | 927,592,048.643   |        |
| 2027 | 11    | 200,811,135.452   | 31,497,876.388  | 112929186 | 747,316,372.808   | 1,092,554,570.295 |        |
| 2027 | 12    | 560,123,508.492   | 4,072,505.942   | 142359475 | 942,073,263.007   | 1,648,628,752.333 |        |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2028 | 1     | 921,947,700.919   | 574,177.479     | 156695459 | 1,049,487,959.747 | 2,128,705,297.384 |        |
| 2028 | 2     | 1,072,430,105.891 | 108,308.862     | 114549261 | 767,208,382.302   | 1,954,296,057.654 |        |
| 2028 | 3     | 867,400,763.679   | 1,387,862.100   | 93194107  | 624,179,499.641   | 1,586,162,232.542 |        |
| 2028 | 4     | 492,807,105.655   | 11,635,210.196  | 89261918  | 597,843,157.111   | 1,191,547,390.819 |        |
| 2028 | 5     | 173,934,182.725   | 39,115,902.254  | 95352021  | 638,632,405.347   | 947,034,511.386   |        |
| 2028 | 6     | 33,620,231.412    | 120,153,268.790 | 113524776 | 760,346,767.860   | 1,027,645,044.467 |        |
| 2028 | 7     | 2,889,288.524     | 266,238,508.163 | 129238850 | 865,593,793.603   | 1,263,960,440.286 |        |
| 2028 | 8     | 14,469.925        | 347,581,212.888 | 123318407 | 825,940,869.165   | 1,296,854,959.393 |        |
| 2028 | 9     | 255,204.913       | 300,584,373.136 | 115601532 | 774,256,107.529   | 1,190,697,217.934 |        |
| 2028 | 10    | 30,748,545.962    | 137,395,475.783 | 99093934  | 663,694,350.429   | 930,932,306.571   |        |
| 2028 | 11    | 200,967,919.375   | 31,815,844.618  | 111999955 | 750,134,081.046   | 1,094,917,800.092 |        |
| 2028 | 12    | 560,557,123.785   | 4,113,590.350   | 141144262 | 945,331,817.436   | 1,651,146,793.295 |        |
| 2029 | 1     | 923,384,166.049   | 580,068.087     | 155529110 | 1,053,044,186.931 | 2,132,537,530.925 |        |
| 2029 | 2     | 1,074,082,882.200 | 109,418.176     | 113751160 | 770,177,347.873   | 1,958,120,807.824 |        |
| 2029 | 3     | 868,722,419.948   | 1,402,052.341   | 92594211  | 626,929,552.268   | 1,589,648,235.150 |        |
| 2029 | 4     | 493,554,807.190   | 11,754,098.877  | 88711086  | 600,637,998.917   | 1,194,657,990.880 |        |
| 2029 | 5     | 174,197,189.098   | 39,515,386.611  | 94746989  | 641,505,411.754   | 949,964,976.143   |        |
| 2029 | 6     | 33,670,834.901    | 121,379,531.935 | 112763204 | 763,488,173.943   | 1,031,301,744.407 |        |
| 2029 | 7     | 2,893,627.737     | 268,954,799.334 | 128328084 | 868,873,631.020   | 1,269,050,141.650 |        |
| 2029 | 8     | 14,491.534        | 351,124,431.294 | 122449678 | 829,072,588.674   | 1,302,661,189.611 |        |
| 2029 | 9     | 255,584.977       | 303,647,263.437 | 114810996 | 777,353,202.980   | 1,196,067,047.177 |        |
| 2029 | 10    | 30,794,105.881    | 138,794,459.051 | 98445892  | 666,549,651.879   | 934,584,108.560   |        |
| 2029 | 11    | 201,264,842.915   | 32,139,663.141  | 111225338 | 753,075,717.885   | 1,097,705,562.357 |        |
| 2029 | 12    | 561,386,243.049   | 4,155,464.835   | 140120658 | 948,717,863.117   | 1,654,380,229.362 |        |
| 2030 | 1     | 924,796,487.458   | 585,956.786     | 154505162 | 1,056,780,340.587 | 2,136,667,946.905 |        |
| 2030 | 2     | 1,075,728,390.212 | 110,529.237     | 113062576 | 773,322,433.436   | 1,962,223,929.208 |        |
| 2030 | 3     | 870,055,090.417   | 1,416,292.046   | 92088831  | 629,866,764.875   | 1,593,426,978.720 |        |
| 2030 | 4     | 494,312,340.157   | 11,873,486.775  | 88252723  | 603,628,653.883   | 1,198,067,204.129 |        |
| 2030 | 5     | 174,464,846.552   | 39,916,816.015  | 94237691  | 644,564,477.094   | 953,183,830.481   |        |
| 2030 | 6     | 33,722,782.985    | 122,613,375.296 | 112110226 | 766,808,569.667   | 1,035,254,953.494 |        |
| 2030 | 7     | 2,898,113.144     | 271,690,744.070 | 127535319 | 872,312,719.491   | 1,274,436,895.946 |        |
| 2030 | 8     | 14,514.170        | 354,700,466.517 | 121694615 | 832,363,625.059   | 1,308,773,220.848 |        |
| 2030 | 9     | 255,987.020       | 306,743,141.265 | 114130281 | 780,625,288.980   | 1,201,754,697.855 |        |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2030 | 10    | 30,842,967.731    | 140,211,474.442 | 97897256  | 669,595,076.198   | 938,546,774.592   |        |
| 2030 | 11    | 201,586,858.689   | 32,468,220.461  | 110561094 | 756,212,863.092   | 1,100,829,036.622 |        |
| 2030 | 12    | 562,289,796.217   | 4,197,985.315   | 139232644 | 952,319,776.841   | 1,658,040,202.866 |        |
| 2031 | 1     | 925,634,485.775   | 591,707.546     | 153642048 | 1,060,534,493.771 | 2,140,402,735.101 |        |
| 2031 | 2     | 1,076,720,819.923 | 111,615.836     | 112494926 | 776,511,062.146   | 1,965,838,424.369 |        |
| 2031 | 3     | 870,873,371.281   | 1,430,241.055   | 91684110  | 632,861,660.785   | 1,596,849,383.576 |        |
| 2031 | 4     | 494,787,529.945   | 11,990,677.738  | 87891117  | 606,680,022.664   | 1,201,349,347.247 |        |
| 2031 | 5     | 174,635,882.211   | 40,311,560.172  | 93829736  | 647,672,121.201   | 956,449,299.179   |        |
| 2031 | 6     | 33,756,335.665    | 123,827,727.230 | 111574784 | 770,159,654.621   | 1,039,318,501.103 |        |
| 2031 | 7     | 2,901,025.707     | 274,384,294.345 | 126874563 | 875,768,398.220   | 1,279,928,281.121 |        |
| 2031 | 8     | 14,528.925        | 358,221,135.596 | 121066511 | 835,677,553.748   | 1,314,979,729.152 |        |
| 2031 | 9     | 256,250.383       | 309,791,576.548 | 113571408 | 783,941,616.457   | 1,207,560,851.181 |        |
| 2031 | 10    | 30,875,135.124    | 141,606,904.317 | 97456269  | 672,704,744.539   | 942,643,052.741   |        |
| 2031 | 11    | 201,799,577.250   | 32,791,756.917  | 110017219 | 759,408,362.294   | 1,104,016,915.838 |        |
| 2031 | 12    | 562,890,929.063   | 4,239,875.729   | 138494611 | 955,977,314.898   | 1,661,602,731.014 |        |
| 2032 | 1     | 925,778,220.030   | 597,198.307     | 152801569 | 1,064,356,213.989 | 2,143,533,201.387 |        |
| 2032 | 2     | 1,076,905,419.829 | 112,653.398     | 111944274 | 779,760,208.660   | 1,968,722,555.627 |        |
| 2032 | 3     | 871,038,533.742   | 1,443,562.607   | 91294587  | 635,922,535.512   | 1,599,699,219.097 |        |
| 2032 | 4     | 494,884,359.243   | 12,102,434.489  | 87544162  | 609,798,534.255   | 1,204,329,490.009 |        |
| 2032 | 5     | 174,671,187.217   | 40,687,539.116  | 93436730  | 650,843,865.629   | 959,639,321.673   |        |
| 2032 | 6     | 33,763,269.809    | 124,983,053.621 | 111054927 | 773,565,365.834   | 1,043,366,616.287 |        |
| 2032 | 7     | 2,901,646.865     | 276,946,738.826 | 126229986 | 879,268,918.858   | 1,285,347,290.961 |        |
| 2032 | 8     | 14,532.084        | 361,567,718.094 | 120452494 | 839,025,154.131   | 1,321,059,897.890 |        |
| 2032 | 9     | 256,306.779       | 312,686,549.537 | 113025729 | 787,293,204.755   | 1,213,261,790.067 |        |
| 2032 | 10    | 30,881,946.911    | 142,930,285.341 | 97026682  | 675,850,076.996   | 946,688,991.536   |        |
| 2032 | 11    | 201,843,757.817   | 33,098,154.872  | 109486634 | 762,641,247.892   | 1,107,069,794.640 |        |
| 2032 | 12    | 563,013,566.152   | 4,279,487.518   | 137773773 | 959,678,439.404   | 1,664,745,265.997 |        |
| 2033 | 1     | 925,787,745.126   | 602,605.525     | 151990156 | 1,068,264,078.034 | 2,146,644,585.019 |        |
| 2033 | 2     | 1,076,905,537.702 | 113,672.240     | 111415444 | 783,084,377.038   | 1,971,519,031.284 |        |
| 2033 | 3     | 871,030,407.587   | 1,456,604.493   | 90922423  | 639,049,008.250   | 1,602,458,443.601 |        |
| 2033 | 4     | 494,880,999.914   | 12,211,805.126  | 87213672  | 612,982,018.024   | 1,207,288,494.913 |        |
| 2033 | 5     | 174,670,309.222   | 41,055,307.876  | 93060357  | 654,075,492.265   | 962,861,466.224   |        |
| 2033 | 6     | 33,763,187.992    | 126,113,085.609 | 110554597 | 777,033,903.975   | 1,047,464,774.488 |        |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2033 | 7     | 2,901,642.147     | 279,450,970.467 | 125606567 | 882,826,800.318   | 1,290,785,979.843 |        |
| 2033 | 8     | 14,532.092        | 364,837,893.799 | 119859308 | 842,432,143.967   | 1,327,143,877.959 |        |
| 2033 | 9     | 256,307.823       | 315,515,748.967 | 112500731 | 790,712,321.113   | 1,218,985,108.548 |        |
| 2033 | 10    | 30,882,182.208    | 144,224,035.254 | 96616144  | 679,067,371.799   | 950,789,733.269   |        |
| 2033 | 11    | 201,846,186.209   | 33,397,893.970  | 108977373 | 765,948,372.057   | 1,110,169,825.159 |        |
| 2033 | 12    | 563,021,970.578   | 4,318,255.350   | 137078748 | 963,459,122.617   | 1,667,878,096.842 |        |
| 2034 | 1     | 925,532,792.239   | 607,690.906     | 151173918 | 1,072,009,897.537 | 2,149,324,298.183 |        |
| 2034 | 2     | 1,076,615,616.024 | 114,632.226     | 110879333 | 786,271,497.405   | 1,973,881,078.724 |        |
| 2034 | 3     | 870,797,044.713   | 1,468,907.745   | 90540818  | 642,046,291.942   | 1,604,853,062.532 |        |
| 2034 | 4     | 494,748,164.284   | 12,314,946.289  | 86872254  | 616,031,639.165   | 1,209,967,003.819 |        |
| 2034 | 5     | 174,623,699.571   | 41,402,127.126  | 92673974  | 657,173,006.178   | 965,872,807.292   |        |
| 2034 | 6     | 33,754,219.733    | 127,178,595.186 | 110045436 | 780,358,137.709   | 1,051,336,388.777 |        |
| 2034 | 7     | 2,900,869.316     | 281,811,804.618 | 124976036 | 886,234,541.250   | 1,295,923,251.070 |        |
| 2034 | 8     | 14,528.202        | 367,919,604.738 | 119258368 | 845,689,206.842   | 1,332,881,707.340 |        |
| 2034 | 9     | 256,237.640       | 318,178,882.036 | 111964977 | 793,970,051.101   | 1,224,370,147.293 |        |
| 2034 | 10    | 30,873,373.532    | 145,439,708.140 | 96191771  | 682,118,531.039   | 954,623,383.677   |        |
| 2034 | 11    | 201,786,242.366   | 33,679,011.177  | 108454854 | 769,078,942.925   | 1,112,999,050.230 |        |
| 2034 | 12    | 562,846,081.006   | 4,354,535.838   | 136370623 | 967,036,244.066   | 1,670,607,483.716 |        |
| 2035 | 1     | 925,036,098.405   | 612,687.010     | 150417657 | 1,075,826,771.587 | 2,151,893,213.844 |        |
| 2035 | 2     | 1,076,018,325.468 | 115,572.574     | 110387295 | 789,519,061.762   | 1,976,040,254.895 |        |
| 2035 | 3     | 870,300,979.054   | 1,480,935.388   | 90195431  | 645,101,518.899   | 1,607,078,863.925 |        |
| 2035 | 4     | 494,459,108.257   | 12,415,601.837  | 86564822  | 619,134,449.496   | 1,212,573,981.755 |        |
| 2035 | 5     | 174,518,961.797   | 41,739,876.044  | 92322035  | 660,311,554.653   | 968,892,427.472   |        |
| 2035 | 6     | 33,733,307.616    | 128,213,554.843 | 109574857 | 783,708,290.201   | 1,055,230,009.665 |        |
| 2035 | 7     | 2,899,014.731     | 284,099,522.394 | 124387956 | 889,655,486.343   | 1,301,041,979.956 |        |
| 2035 | 8     | 14,518.578        | 370,897,757.499 | 118697051 | 848,952,629.054   | 1,338,561,956.184 |        |
| 2035 | 9     | 256,062.558       | 320,747,714.198 | 111466602 | 797,238,548.578   | 1,229,708,927.196 |        |
| 2035 | 10    | 30,851,666.895    | 146,611,016.635 | 95799954  | 685,186,548.738   | 958,449,186.204   |        |
| 2035 | 11    | 201,640,462.981   | 33,949,589.672  | 107968363 | 772,218,220.663   | 1,115,776,636.244 |        |
| 2035 | 12    | 562,431,851.846   | 4,389,461.005   | 135706702 | 970,610,141.999   | 1,673,138,157.010 |        |
| 2036 | 1     | 924,254,015.293   | 617,617.939     | 149532509 | 1,079,178,137.362 | 2,153,582,279.864 |        |
| 2036 | 2     | 1,075,109,899.064 | 116,502.848     | 109788139 | 792,342,479.828   | 1,977,357,020.610 |        |
| 2036 | 3     | 869,564,566.638   | 1,492,852.975   | 89751443  | 647,737,374.297   | 1,608,546,236.766 |        |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2036 | 4     | 494,035,468.850   | 12,515,381.418  | 86159048  | 621,811,014.696   | 1,214,520,913.317 |        |
| 2036 | 5     | 174,367,765.571   | 42,074,920.226  | 91871256  | 663,036,097.765   | 971,350,040.033   |        |
| 2036 | 6     | 33,703,915.588    | 129,242,079.727 | 108999330 | 786,649,638.693   | 1,058,594,964.441 |        |
| 2036 | 7     | 2,896,471.705     | 286,376,868.848 | 123692239 | 892,688,555.197   | 1,305,654,134.347 |        |
| 2036 | 8     | 14,505.835        | 373,870,693.398 | 118033505 | 851,849,401.031   | 1,343,768,105.620 |        |
| 2036 | 9     | 255,837.558       | 323,318,352.395 | 110865875 | 800,120,514.853   | 1,234,560,579.644 |        |
| 2036 | 10    | 30,824,559.823    | 147,786,042.599 | 95311812  | 687,866,631.356   | 961,789,045.487   |        |
| 2036 | 11    | 201,463,489.603   | 34,221,714.239  | 107381032 | 774,970,356.668   | 1,118,036,592.456 |        |
| 2036 | 12    | 561,938,834.544   | 4,424,649.752   | 134925661 | 973,760,316.537   | 1,675,049,461.870 |        |
| 2037 | 1     | 923,576,039.785   | 622,656.407     | 148650507 | 1,082,552,706.847 | 2,155,401,910.432 |        |
| 2037 | 2     | 1,074,308,820.831 | 117,451.907     | 109190910 | 795,186,755.831   | 1,978,803,938.146 |        |
| 2037 | 3     | 868,910,667.728   | 1,505,003.743   | 89309018  | 650,396,158.649   | 1,610,120,847.944 |        |
| 2037 | 4     | 493,664,191.929   | 12,617,253.654  | 85755212  | 624,515,439.743   | 1,216,552,097.433 |        |
| 2037 | 5     | 174,236,765.286   | 42,417,409.923  | 91423256  | 665,793,173.861   | 973,870,604.943   |        |
| 2037 | 6     | 33,678,398.007    | 130,293,350.509 | 108427025 | 789,623,739.335   | 1,062,022,512.936 |        |
| 2037 | 7     | 2,894,258.137     | 288,704,236.357 | 123000625 | 895,756,505.605   | 1,310,355,624.657 |        |
| 2037 | 8     | 14,494.643        | 376,906,357.666 | 117373910 | 854,779,749.648   | 1,349,074,511.506 |        |
| 2037 | 9     | 255,637.136       | 325,939,688.441 | 110268529 | 803,034,556.628   | 1,239,498,410.972 |        |
| 2037 | 10    | 30,800,071.294    | 148,982,585.045 | 94826146  | 690,574,844.042   | 965,183,646.315   |        |
| 2037 | 11    | 201,300,687.246   | 34,498,317.389  | 106796218 | 777,747,324.537   | 1,120,342,546.747 |        |
| 2037 | 12    | 561,475,330.262   | 4,460,338.087   | 134147653 | 976,935,142.446   | 1,677,018,463.557 |        |
| 2038 | 1     | 922,961,663.822   | 627,776.911     | 147774525 | 1,085,971,639.692 | 2,157,335,605.396 |        |
| 2038 | 2     | 1,073,577,089.097 | 118,415.905     | 108599537 | 798,080,842.403   | 1,980,375,884.506 |        |
| 2038 | 3     | 868,303,917.237   | 1,517,330.138   | 88872054  | 653,106,683.601   | 1,611,799,984.719 |        |
| 2038 | 4     | 493,311,571.169   | 12,720,388.708  | 85356914  | 627,274,474.767   | 1,218,663,348.349 |        |
| 2038 | 5     | 174,108,973.849   | 42,763,316.078  | 90980187  | 668,599,021.772   | 976,451,498.682   |        |
| 2038 | 6     | 33,653,274.028    | 131,354,217.540 | 107860663 | 792,650,976.931   | 1,065,519,131.986 |        |
| 2038 | 7     | 2,892,070.609     | 291,052,047.186 | 122316049 | 898,881,319.041   | 1,315,141,485.499 |        |
| 2038 | 8     | 14,483.472        | 379,965,786.288 | 116721022 | 857,764,354.621   | 1,354,465,646.745 |        |
| 2038 | 9     | 255,437.887       | 328,582,545.356 | 109678969 | 806,013,416.073   | 1,244,530,368.202 |        |
| 2038 | 10    | 30,775,769.736    | 150,189,157.307 | 94348660  | 693,353,399.271   | 968,666,986.510   |        |
| 2038 | 11    | 201,139,937.669   | 34,777,378.327  | 106220821 | 780,600,031.597   | 1,122,738,168.327 |        |
| 2038 | 12    | 561,024,051.076   | 4,496,394.958   | 133381688 | 980,200,951.418   | 1,679,103,085.039 |        |



KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2039 | 1     | 922,155,508.217   | 632,805.553     | 146893106 | 1,089,350,599.815 | 2,159,032,019.917 |        |
| 2039 | 2     | 1,072,632,288.283 | 119,363.655     | 108002484 | 800,940,044.564   | 1,981,694,180.873 |        |
| 2039 | 3     | 867,534,093.771   | 1,529,464.198   | 88429416  | 655,787,326.703   | 1,613,280,300.811 |        |
| 2039 | 4     | 492,871,744.420   | 12,822,049.280  | 84953151  | 630,007,546.622   | 1,220,654,490.899 |        |
| 2039 | 5     | 173,952,949.297   | 43,104,881.526  | 90532922  | 671,386,803.459   | 978,977,556.491   |        |
| 2039 | 6     | 33,623,045.900    | 132,403,112.174 | 107290805 | 795,662,269.223   | 1,068,979,231.871 |        |
| 2039 | 7     | 2,889,464.738     | 293,375,339.623 | 121628524 | 901,989,948.508   | 1,319,883,276.724 |        |
| 2039 | 8     | 14,470.371        | 382,997,482.121 | 116065837 | 860,737,395.062   | 1,359,815,185.051 |        |
| 2039 | 9     | 255,206.248       | 331,203,500.899 | 109086862 | 808,981,725.479   | 1,249,527,294.689 |        |
| 2039 | 10    | 30,747,672.864    | 151,386,221.181 | 93868295  | 696,121,732.687   | 972,123,921.950   |        |
| 2039 | 11    | 200,955,666.563   | 35,054,455.507  | 105643280 | 783,444,326.211   | 1,125,097,728.539 |        |
| 2039 | 12    | 560,506,427.585   | 4,532,188.971   | 132613241 | 983,451,961.307   | 1,681,103,818.770 |        |
| 2040 | 1     | 921,573,016.651   | 638,026.645     | 146037363 | 1,092,920,719.690 | 2,161,169,126.084 |        |
| 2040 | 2     | 1,071,961,240.071 | 120,349.218     | 107427963 | 803,974,028.600   | 1,983,483,581.346 |        |
| 2040 | 3     | 866,996,965.775   | 1,542,102.676   | 88008379  | 658,640,904.718   | 1,615,188,352.202 |        |
| 2040 | 4     | 492,564,389.781   | 12,927,944.547  | 84570746  | 632,914,201.039   | 1,222,977,281.736 |        |
| 2040 | 5     | 173,843,341.945   | 43,460,595.302  | 90106581  | 674,343,516.352   | 981,754,034.228   |        |
| 2040 | 6     | 33,601,536.418    | 133,494,454.489 | 106742312 | 798,842,719.302   | 1,072,681,022.029 |        |
| 2040 | 7     | 2,887,585.362     | 295,790,340.449 | 120962187 | 905,262,036.141   | 1,324,902,149.134 |        |
| 2040 | 8     | 14,460.834        | 386,146,890.394 | 115431155 | 863,868,657.909   | 1,365,461,164.015 |        |
| 2040 | 9     | 255,034.544       | 333,922,416.491 | 108514713 | 812,107,093.313   | 1,254,799,257.560 |        |
| 2040 | 10    | 30,726,834.594    | 152,628,230.230 | 93407441  | 699,046,637.484   | 975,809,143.288   |        |
| 2040 | 11    | 200,817,898.565   | 35,341,773.245  | 105085513 | 786,443,493.079   | 1,127,688,677.393 |        |
| 2040 | 12    | 560,120,614.674   | 4,569,323.626   | 131868221 | 986,881,081.823   | 1,683,439,241.014 |        |
| 2041 | 1     | 920,703,620.733   | 643,087.868     | 145163568 | 1,096,356,416.275 | 2,162,866,692.978 |        |
| 2041 | 2     | 1,070,943,447.801 | 121,303.164     | 106836386 | 806,888,109.547   | 1,984,789,246.292 |        |
| 2041 | 3     | 866,172,031.303   | 1,554,322.985   | 87570143  | 661,378,673.447   | 1,616,675,170.692 |        |
| 2041 | 4     | 492,102,539.467   | 13,030,571.861  | 84171683  | 635,711,602.743   | 1,225,016,396.899 |        |
| 2041 | 5     | 173,685,335.475   | 43,806,863.581  | 89665875  | 677,206,812.048   | 984,364,885.925   |        |
| 2041 | 6     | 33,572,254.199    | 134,563,102.563 | 106181510 | 801,942,125.248   | 1,076,258,992.497 |        |
| 2041 | 7     | 2,885,209.250     | 298,172,695.593 | 120286548 | 908,471,252.599   | 1,329,815,705.309 |        |
| 2041 | 8     | 14,449.768        | 389,279,437.099 | 114789550 | 866,954,848.651   | 1,371,038,285.107 |        |
| 2041 | 9     | 254,857.207       | 336,654,857.367 | 107938923 | 815,215,086.200   | 1,260,063,723.671 |        |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       | Actual |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|--------|
| 2041 | 10    | 30,707,722.089    | 153,888,457.788 | 92945311  | 701,974,949.922   | 979,516,441.138   |        |
| 2041 | 11    | 200,711,201.623   | 35,636,818.803  | 104531244 | 789,478,387.546   | 1,130,357,651.621 |        |
| 2041 | 12    | 559,877,880.741   | 4,607,921.497   | 131131749 | 990,380,274.901   | 1,685,997,826.221 |        |
| 2042 | 1     | 920,412,311.936   | 648,580.805     | 144324494 | 1,100,051,123.388 | 2,165,436,510.320 |        |
| 2042 | 2     | 1,070,730,599.995 | 122,353.673     | 106279128 | 810,066,748.777   | 1,987,198,830.107 |        |
| 2042 | 3     | 866,111,343.645   | 1,567,985.514   | 87168862  | 664,407,001.009   | 1,619,255,191.977 |        |
| 2042 | 4     | 492,139,310.868   | 13,147,014.220  | 83814373  | 638,838,861.674   | 1,227,939,560.130 |        |
| 2042 | 5     | 173,724,225.054   | 44,204,918.886  | 89269740  | 680,420,040.046   | 987,618,924.300   |        |
| 2042 | 6     | 33,585,131.383    | 135,807,497.660 | 105670963 | 805,431,277.565   | 1,080,494,869.774 |        |
| 2042 | 7     | 2,886,796.123     | 300,980,164.715 | 119664637 | 912,092,008.812   | 1,335,623,606.165 |        |
| 2042 | 8     | 14,460.339        | 393,016,037.749 | 114203938 | 870,470,194.335   | 1,377,704,630.617 |        |
| 2042 | 9     | 255,090.532       | 339,948,799.164 | 107423941 | 818,792,594.494   | 1,266,420,425.255 |        |
| 2042 | 10    | 30,741,905.982    | 155,424,844.778 | 92547017  | 705,399,669.380   | 984,113,437.567   |        |
| 2042 | 11    | 200,975,769.507   | 35,999,977.100  | 104045130 | 793,039,067.437   | 1,134,059,944.173 |        |
| 2042 | 12    | 560,735,910.221   | 4,655,875.277   | 130476195 | 994,498,440.305   | 1,690,366,420.336 |        |

KPCo Res Monthly Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 1995 | 1     | 687,399,187.317   | 442,840.140     | 260856178 | 895,699,312.801   | 1,844,397,517.856 |
| 1995 | 2     | 989,405,501.965   | 0.000           | 167938972 | 439,005,854.291   | 1,596,350,328.226 |
| 1995 | 3     | 805,548,188.880   | 0.000           | 151535744 | 297,657,679.102   | 1,254,741,611.824 |
| 1995 | 4     | 377,714,795.039   | 4,650,035.462   | 163207426 | 422,583,130.556   | 968,155,387.317   |
| 1995 | 5     | 136,980,279.621   | 20,384,506.786  | 172451669 | 575,717,957.046   | 905,534,412.926   |
| 1995 | 6     | 28,200,366.037    | 91,066,033.397  | 205451160 | 635,722,032.838   | 960,439,592.033   |
| 1995 | 7     | 1,526,988.180     | 230,907,212.668 | 234303017 | 913,189,810.168   | 1,379,927,028.269 |
| 1995 | 8     | 0.000             | 383,220,619.171 | 269851063 | 880,735,305.045   | 1,533,806,987.231 |
| 1995 | 9     | 565,231.441       | 352,353,323.483 | 132055702 | 431,001,151.357   | 915,975,408.135   |
| 1995 | 10    | 15,114,939.132    | 127,039,792.274 | 180785730 | 572,917,002.571   | 895,857,463.572   |
| 1995 | 11    | 231,532,453.412   | 19,585,998.741  | 205363925 | 1,042,400,093.242 | 1,498,882,470.134 |
| 1995 | 12    | 635,775,515.586   | 1,721,973.014   | 312024244 | 1,018,379,414.292 | 1,967,901,146.642 |
| 1996 | 1     | 1,060,421,732.486 | 100,388.852     | 262944774 | 753,331,722.540   | 2,076,798,617.868 |
| 1996 | 2     | 1,156,876,926.830 | 0.000           | 169554413 | 634,798,339.513   | 1,961,229,679.535 |
| 1996 | 3     | 880,017,797.609   | 0.000           | 152130325 | 508,625,469.488   | 1,540,773,591.602 |
| 1996 | 4     | 607,528,423.954   | 5,449,530.694   | 164962523 | 574,364,005.047   | 1,352,304,482.665 |
| 1996 | 5     | 224,502,929.180   | 55,951,202.329  | 173438652 | 506,349,398.217   | 960,242,182.051   |
| 1996 | 6     | 41,991,079.521    | 134,665,092.998 | 206702308 | 605,612,668.071   | 988,971,148.581   |
| 1996 | 7     | 4,093,433.590     | 262,540,143.841 | 234816504 | 689,256,169.274   | 1,190,706,251.200 |
| 1996 | 8     | 0.000             | 279,885,685.827 | 224374635 | 638,120,372.115   | 1,142,380,692.841 |
| 1996 | 9     | 0.000             | 245,785,102.588 | 211283392 | 655,693,150.994   | 1,112,761,645.720 |
| 1996 | 10    | 27,116,459.007    | 91,535,686.108  | 182674250 | 577,843,030.388   | 879,169,425.208   |
| 1996 | 11    | 230,599,279.538   | 15,509,575.731  | 206749920 | 627,626,453.996   | 1,080,485,228.784 |
| 1996 | 12    | 633,939,030.679   | 2,657,046.812   | 261532563 | 741,751,628.945   | 1,639,880,269.112 |
| 1997 | 1     | 808,489,250.887   | 955,705.125     | 263931524 | 799,485,630.015   | 1,872,862,109.568 |
| 1997 | 2     | 959,393,136.548   | 680,124.471     | 170537804 | 566,904,392.190   | 1,697,515,457.667 |
| 1997 | 3     | 661,756,908.945   | 2,216,057.287   | 153340315 | 493,656,246.184   | 1,310,969,527.873 |
| 1997 | 4     | 400,122,618.913   | 5,371,690.348   | 165857313 | 610,044,801.009   | 1,181,396,423.418 |
| 1997 | 5     | 207,921,093.799   | 6,935,305.996   | 174895345 | 582,170,898.340   | 971,922,643.178   |
| 1997 | 6     | 58,358,341.207    | 41,401,288.618  | 207887304 | 590,549,608.401   | 898,196,542.170   |
| 1997 | 7     | 6,105,686.497     | 200,524,486.723 | 236622279 | 730,155,426.419   | 1,173,407,879.023 |
| 1997 | 8     | 0.000             | 293,002,613.172 | 226117676 | 694,167,953.943   | 1,213,288,242.802 |
| 1997 | 9     | 0.000             | 201,389,329.992 | 213025525 | 640,772,236.280   | 1,055,187,091.319 |

KPCo Res Net Output

| Year | Month | Heating           | Cooling         | Lighting  | Other           | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-----------------|-------------------|
| 1997 | 10    | 19,344,628.864    | 80,680,216.468  | 184376498 | 576,771,728.049 | 861,173,070.964   |
| 1997 | 11    | 270,627,499.967   | 23,931,975.267  | 204176494 | 612,257,089.051 | 1,110,993,058.726 |
| 1997 | 12    | 622,530,319.256   | 3,888,314.283   | 265814136 | 855,868,058.808 | 1,748,100,828.390 |
| 1998 | 1     | 746,672,963.535   | 0.000           | 269685561 | 799,674,794.301 | 1,816,033,319.322 |
| 1998 | 2     | 789,051,467.466   | 0.000           | 173684192 | 590,936,596.490 | 1,553,672,256.108 |
| 1998 | 3     | 679,939,935.819   | 25,812.335      | 156609607 | 556,753,462.195 | 1,393,328,817.648 |
| 1998 | 4     | 440,137,420.081   | 32,731,922.169  | 169272079 | 517,022,400.710 | 1,159,163,821.785 |
| 1998 | 5     | 134,970,350.158   | 29,149,463.676  | 178507246 | 584,394,032.368 | 927,021,092.213   |
| 1998 | 6     | 14,845,835.020    | 110,937,448.727 | 211831593 | 666,095,422.542 | 1,003,710,298.966 |
| 1998 | 7     | 712,138.219       | 260,117,177.794 | 240123276 | 742,739,985.887 | 1,243,692,577.793 |
| 1998 | 8     | 135,402.583       | 309,561,620.897 | 230461275 | 710,044,236.925 | 1,250,202,535.729 |
| 1998 | 9     | 0.000             | 305,603,290.777 | 218157225 | 695,601,044.295 | 1,219,361,559.791 |
| 1998 | 10    | 7,761,847.332     | 212,920,762.660 | 187945801 | 585,890,828.951 | 994,519,240.341   |
| 1998 | 11    | 161,348,083.376   | 56,864,313.515  | 213392566 | 647,631,012.946 | 1,079,235,975.815 |
| 1998 | 12    | 351,622,290.651   | 5,536,665.891   | 266059462 | 836,301,491.342 | 1,459,519,909.401 |
| 1999 | 1     | 881,911,962.809   | 1,683,288.799   | 273555359 | 839,130,443.051 | 1,996,281,053.374 |
| 1999 | 2     | 800,918,090.615   | 314,707.681     | 176974390 | 487,947,964.643 | 1,466,155,153.386 |
| 1999 | 3     | 828,504,355.491   | 0.000           | 160034906 | 571,667,733.138 | 1,560,206,994.705 |
| 1999 | 4     | 549,807,376.342   | 7,550,805.293   | 172464393 | 493,718,875.900 | 1,223,541,450.470 |
| 1999 | 5     | 150,625,622.091   | 27,880,870.833  | 180761112 | 507,277,599.404 | 866,545,204.559   |
| 1999 | 6     | 13,353,991.666    | 126,592,417.670 | 214312648 | 623,268,802.090 | 977,527,859.197   |
| 1999 | 7     | 0.000             | 316,218,169.970 | 243426264 | 708,163,932.723 | 1,267,808,366.269 |
| 1999 | 8     | 0.000             | 436,743,603.120 | 233095903 | 717,611,861.019 | 1,387,451,366.655 |
| 1999 | 9     | 163,655.891       | 289,239,699.793 | 220153787 | 617,221,555.487 | 1,126,778,698.663 |
| 1999 | 10    | 18,220,569.019    | 94,264,306.508  | 190777736 | 597,402,335.589 | 900,664,946.978   |
| 1999 | 11    | 155,877,032.216   | 13,957,981.583  | 213215458 | 665,690,089.438 | 1,048,740,561.235 |
| 1999 | 12    | 428,971,942.781   | 689,040.048     | 272917499 | 798,820,559.932 | 1,501,399,041.609 |
| 2000 | 1     | 818,051,574.958   | 0.000           | 277328754 | 827,060,766.326 | 1,922,441,095.719 |
| 2000 | 2     | 1,149,780,042.140 | 0.000           | 180847048 | 591,327,563.119 | 1,921,954,652.827 |
| 2000 | 3     | 658,647,352.911   | 1,651,940.108   | 162687435 | 492,923,463.317 | 1,315,910,191.712 |
| 2000 | 4     | 313,297,640.229   | 4,376,481.371   | 175283947 | 582,414,938.693 | 1,075,373,007.298 |
| 2000 | 5     | 137,741,170.422   | 42,961,592.562  | 184303964 | 633,017,061.318 | 998,023,787.944   |
| 2000 | 6     | 24,169,183.339    | 129,032,745.718 | 216477696 | 678,467,064.311 | 1,048,146,689.183 |

KPCo Res Net Output

| Year | Month | Heating           | Cooling         | Lighting  | Other           | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-----------------|-------------------|
| 2000 | 7     | 55,645.360        | 252,346,769.035 | 246698050 | 721,815,166.075 | 1,220,915,630.365 |
| 2000 | 8     | 0.000             | 259,854,837.027 | 236621672 | 689,490,452.634 | 1,185,966,961.335 |
| 2000 | 9     | 846,180.692       | 228,041,180.341 | 225280888 | 692,715,415.331 | 1,146,883,663.901 |
| 2000 | 10    | 47,252,886.373    | 112,462,322.188 | 197109737 | 624,179,313.654 | 981,004,259.703   |
| 2000 | 11    | 175,583,974.949   | 26,857,725.132  | 220297439 | 611,781,039.549 | 1,034,520,178.593 |
| 2000 | 12    | 759,254,544.264   | 2,627,934.454   | 276020809 | 804,475,332.926 | 1,842,378,621.053 |
| 2001 | 1     | 1,315,202,204.337 | 0.000           | 281509067 | 845,382,985.771 | 2,442,094,256.811 |
| 2001 | 2     | 1,203,690,816.737 | 0.000           | 185800780 | 425,124,014.391 | 1,814,615,610.683 |
| 2001 | 3     | 858,941,069.098   | 0.000           | 166806087 | 494,298,902.979 | 1,520,046,059.159 |
| 2001 | 4     | 588,858,441.811   | 31,661,854.046  | 178690143 | 525,834,825.196 | 1,325,045,263.860 |
| 2001 | 5     | 192,794,037.305   | 81,121,785.745  | 187859405 | 517,986,152.664 | 979,761,380.374   |
| 2001 | 6     | 23,988,693.143    | 99,987,470.798  | 222471990 | 631,288,528.410 | 977,736,682.215   |
| 2001 | 7     | 1,206,779.304     | 216,173,119.754 | 250939676 | 724,958,041.750 | 1,193,277,616.734 |
| 2001 | 8     | 0.000             | 338,492,588.248 | 238813305 | 713,418,672.970 | 1,290,724,565.878 |
| 2001 | 9     | 173,621.086       | 310,723,303.353 | 228811426 | 680,830,021.478 | 1,220,538,371.802 |
| 2001 | 10    | 35,616,357.906    | 123,953,779.316 | 198003671 | 619,126,929.951 | 976,700,738.181   |
| 2001 | 11    | 181,845,151.656   | 32,714,224.998  | 220897417 | 715,809,283.332 | 1,151,266,076.803 |
| 2001 | 12    | 277,858,269.804   | 5,616,405.773   | 277120260 | 853,497,389.146 | 1,414,092,324.520 |
| 2002 | 1     | 841,579,213.086   | 164,660.165     | 279503667 | 951,922,135.642 | 2,073,169,675.913 |
| 2002 | 2     | 885,412,619.240   | 0.000           | 182748877 | 604,270,480.737 | 1,672,431,977.046 |
| 2002 | 3     | 775,386,761.343   | 992,034.824     | 166565713 | 661,928,991.478 | 1,604,873,500.726 |
| 2002 | 4     | 487,649,413.123   | 15,381,579.705  | 178732796 | 614,056,036.588 | 1,295,819,825.432 |
| 2002 | 5     | 179,206,299.808   | 47,654,125.074  | 187164754 | 532,080,839.945 | 946,106,018.862   |
| 2002 | 6     | 72,896,458.788    | 127,313,452.534 | 221729993 | 681,336,532.845 | 1,103,276,437.539 |
| 2002 | 7     | 15,311,185.338    | 295,156,860.908 | 248722648 | 797,021,309.185 | 1,356,212,003.080 |
| 2002 | 8     | 0.000             | 416,325,516.271 | 238906263 | 770,058,760.480 | 1,425,290,539.744 |
| 2002 | 9     | 0.000             | 397,956,170.577 | 225880872 | 678,031,476.988 | 1,301,868,519.212 |
| 2002 | 10    | 17,143,432.181    | 211,989,166.970 | 196467023 | 580,767,456.490 | 1,006,367,078.606 |
| 2002 | 11    | 217,548,449.783   | 50,569,551.671  | 221212110 | 630,501,840.311 | 1,119,831,951.270 |
| 2002 | 12    | 710,164,382.863   | 5,451,451.334   | 278720911 | 846,350,323.194 | 1,840,687,068.060 |
| 2003 | 1     | 1,000,201,413.016 | 522,288.233     | 280778712 | 912,895,315.256 | 2,194,397,728.135 |
| 2003 | 2     | 1,338,064,669.085 | 0.000           | 183078276 | 576,858,318.026 | 2,098,001,263.393 |
| 2003 | 3     | 1,086,412,010.719 | 0.000           | 165845873 | 455,726,967.526 | 1,707,984,851.417 |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2003 | 4     | 431,406,336.541   | 12,937,420.973  | 177573904 | 521,707,342.337   | 1,143,625,004.328 |
| 2003 | 5     | 104,925,237.091   | 36,567,090.277  | 186686652 | 606,543,051.851   | 934,722,031.196   |
| 2003 | 6     | 13,705,197.842    | 54,377,894.385  | 219163779 | 660,705,721.438   | 947,952,592.993   |
| 2003 | 7     | 0.000             | 197,410,532.952 | 246175814 | 768,214,152.382   | 1,211,800,499.549 |
| 2003 | 8     | 0.000             | 280,615,375.135 | 234658032 | 728,593,506.756   | 1,243,866,913.854 |
| 2003 | 9     | 0.000             | 284,794,194.126 | 225910597 | 750,227,603.064   | 1,260,932,394.347 |
| 2003 | 10    | 47,778,568.670    | 100,071,768.909 | 195650448 | 623,578,643.234   | 967,079,428.833   |
| 2003 | 11    | 147,692,931.135   | 17,284,607.441  | 218041103 | 677,467,078.420   | 1,060,485,719.823 |
| 2003 | 12    | 510,895,668.595   | 3,230,889.751   | 274759453 | 938,758,420.836   | 1,727,644,432.171 |
| 2004 | 1     | 932,303,198.343   | 932,915.963     | 277056963 | 1,018,612,247.022 | 2,228,905,324.751 |
| 2004 | 2     | 1,266,027,621.600 | 443,536.166     | 183375345 | 666,432,241.339   | 2,116,278,744.322 |
| 2004 | 3     | 912,302,578.914   | 2,053,933.563   | 165621252 | 513,299,763.189   | 1,593,277,527.989 |
| 2004 | 4     | 510,905,971.767   | 11,575,369.139  | 179924117 | 590,002,429.238   | 1,292,407,886.915 |
| 2004 | 5     | 182,501,154.577   | 63,393,656.321  | 183950960 | 580,373,217.425   | 1,010,218,988.771 |
| 2004 | 6     | 31,464,100.215    | 184,999,201.496 | 219025990 | 718,335,919.420   | 1,153,825,211.460 |
| 2004 | 7     | 1,801,259.360     | 265,243,772.863 | 245425329 | 777,703,698.106   | 1,290,174,059.443 |
| 2004 | 8     | 0.000             | 279,622,557.989 | 234665611 | 693,602,041.063   | 1,207,890,210.043 |
| 2004 | 9     | 0.000             | 252,982,343.539 | 221646121 | 686,169,315.689   | 1,160,797,780.415 |
| 2004 | 10    | 13,311,014.542    | 115,601,637.336 | 196169712 | 652,195,772.976   | 977,278,137.334   |
| 2004 | 11    | 88,905,183.602    | 28,611,970.230  | 216191265 | 667,199,519.379   | 1,000,907,938.487 |
| 2004 | 12    | 420,062,428.968   | 5,153,753.627   | 274170219 | 937,591,161.193   | 1,636,977,562.352 |
| 2005 | 1     | 810,467,768.007   | 532,936.702     | 272440861 | 986,631,381.005   | 2,070,072,946.860 |
| 2005 | 2     | 1,065,894,202.988 | 0.000           | 182834086 | 700,734,287.533   | 1,949,462,576.602 |
| 2005 | 3     | 978,294,405.024   | 0.000           | 166076095 | 627,517,300.864   | 1,771,887,800.412 |
| 2005 | 4     | 555,591,206.847   | 4,951,446.025   | 178493389 | 569,894,585.281   | 1,308,930,626.746 |
| 2005 | 5     | 198,780,245.425   | 19,628,318.713  | 181531260 | 621,397,675.957   | 1,021,337,500.520 |
| 2005 | 6     | 44,114,135.533    | 113,026,657.395 | 217292332 | 694,798,297.777   | 1,069,231,422.594 |
| 2005 | 7     | 4,244,227.153     | 338,214,461.959 | 243121516 | 747,740,649.366   | 1,333,320,854.762 |
| 2005 | 8     | 0.000             | 487,569,736.439 | 235057968 | 737,453,159.271   | 1,460,080,863.337 |
| 2005 | 9     | 0.000             | 418,753,155.070 | 221321705 | 695,990,892.584   | 1,336,065,753.064 |
| 2005 | 10    | 7,883,371.820     | 229,206,897.187 | 191460882 | 605,192,801.064   | 1,033,743,952.074 |
| 2005 | 11    | 202,890,940.084   | 53,103,778.168  | 218208172 | 645,933,359.628   | 1,120,136,249.385 |
| 2005 | 12    | 749,162,232.299   | 4,071,384.925   | 270894706 | 876,310,915.678   | 1,900,439,239.220 |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2006 | 1     | 900,295,078.312   | 401,323.482     | 299811923 | 1,007,215,129.970 | 2,207,723,455.085 |
| 2006 | 2     | 799,096,979.847   | 0.000           | 220804197 | 784,935,230.843   | 1,804,836,407.666 |
| 2006 | 3     | 853,190,377.172   | 1,139,089.703   | 182153785 | 590,344,232.710   | 1,626,827,484.432 |
| 2006 | 4     | 547,559,035.117   | 13,735,771.515  | 166483607 | 534,637,206.071   | 1,262,415,619.812 |
| 2006 | 5     | 137,484,325.490   | 26,726,825.999  | 181124479 | 594,818,953.625   | 940,154,584.148   |
| 2006 | 6     | 14,123,329.380    | 90,880,465.762  | 209422302 | 743,351,976.375   | 1,057,778,073.827 |
| 2006 | 7     | 1,724,221.209     | 233,696,125.661 | 236269767 | 799,586,673.569   | 1,271,276,787.077 |
| 2006 | 8     | 0.000             | 403,367,877.729 | 228858762 | 791,946,935.938   | 1,424,173,576.063 |
| 2006 | 9     | 1,256,915.407     | 322,142,153.471 | 218381301 | 713,301,490.778   | 1,255,081,860.968 |
| 2006 | 10    | 52,124,491.490    | 99,501,961.626  | 190559648 | 629,051,840.457   | 971,237,941.142   |
| 2006 | 11    | 302,747,267.089   | 11,925,042.936  | 211580297 | 705,834,846.465   | 1,232,087,453.734 |
| 2006 | 12    | 544,761,926.723   | 2,815,588.953   | 264280233 | 963,119,969.459   | 1,774,977,717.670 |
| 2007 | 1     | 627,305,587.169   | 918,639.875     | 288578531 | 977,604,099.459   | 1,894,406,857.024 |
| 2007 | 2     | 1,127,830,329.418 | 76,921.242      | 244619922 | 842,125,906.842   | 2,214,653,079.541 |
| 2007 | 3     | 1,135,017,154.019 | 1,762,802.758   | 175240532 | 533,817,885.346   | 1,845,838,373.912 |
| 2007 | 4     | 550,245,801.358   | 23,458,836.692  | 170223119 | 526,975,120.522   | 1,270,902,877.673 |
| 2007 | 5     | 200,706,590.035   | 47,708,920.773  | 177350578 | 619,334,021.658   | 1,045,100,110.539 |
| 2007 | 6     | 39,587,471.287    | 153,641,525.106 | 204696015 | 747,986,894.268   | 1,145,911,905.275 |
| 2007 | 7     | 1,458,713.642     | 276,896,706.947 | 230875184 | 762,126,925.999   | 1,271,357,530.661 |
| 2007 | 8     | 0.000             | 347,851,332.039 | 224379476 | 772,157,905.146   | 1,344,388,712.926 |
| 2007 | 9     | 0.000             | 390,075,536.086 | 212681441 | 842,857,096.347   | 1,445,614,073.190 |
| 2007 | 10    | 9,015,486.983     | 238,779,911.670 | 185257329 | 635,697,333.150   | 1,068,750,060.727 |
| 2007 | 11    | 179,852,286.401   | 70,236,368.223  | 211511470 | 678,705,608.804   | 1,140,305,733.765 |
| 2007 | 12    | 553,954,047.080   | 7,778,844.290   | 258338953 | 870,098,680.344   | 1,690,170,524.830 |
| 2008 | 1     | 850,456,827.317   | 0.000           | 286034049 | 978,421,424.836   | 2,114,912,301.053 |
| 2008 | 2     | 1,056,764,636.836 | 0.000           | 209417386 | 740,429,381.108   | 2,006,611,403.691 |
| 2008 | 3     | 984,515,564.401   | 0.000           | 173150111 | 647,399,389.028   | 1,805,065,064.247 |
| 2008 | 4     | 555,595,527.981   | 1,113,466.307   | 167681761 | 616,788,460.948   | 1,341,179,216.324 |
| 2008 | 5     | 177,413,791.095   | 14,886,608.116  | 171319284 | 597,636,640.194   | 961,256,323.062   |
| 2008 | 6     | 28,014,753.397    | 89,549,605.134  | 201237054 | 747,171,539.961   | 1,065,972,952.474 |
| 2008 | 7     | 1,577,903.086     | 202,910,607.106 | 225895426 | 814,821,983.881   | 1,245,205,919.785 |
| 2008 | 8     | 0.000             | 274,527,168.996 | 220564070 | 807,046,442.133   | 1,302,137,681.462 |
| 2008 | 9     | 0.000             | 275,746,351.441 | 209054781 | 753,060,033.407   | 1,237,861,165.757 |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2008 | 10    | 11,415,856.804    | 141,366,905.379 | 177510352 | 662,606,367.748   | 992,899,481.527   |
| 2008 | 11    | 228,883,281.492   | 30,453,247.085  | 200249890 | 745,236,251.181   | 1,204,822,669.840 |
| 2008 | 12    | 805,140,717.834   | 1,642,939.265   | 249952526 | 948,213,985.636   | 2,004,950,168.621 |
| 2009 | 1     | 1,042,530,850.962 | 0.000           | 276276904 | 925,648,915.264   | 2,244,456,669.805 |
| 2009 | 2     | 1,247,652,756.310 | 0.000           | 204612807 | 777,467,240.159   | 2,229,732,803.426 |
| 2009 | 3     | 960,712,859.136   | 3,066,547.424   | 165145029 | 571,330,161.420   | 1,700,254,596.672 |
| 2009 | 4     | 450,312,530.260   | 3,312,062.788   | 158502436 | 657,124,004.001   | 1,269,251,033.015 |
| 2009 | 5     | 143,382,008.022   | 44,993,231.548  | 167716156 | 650,576,963.232   | 1,006,668,358.844 |
| 2009 | 6     | 26,750,343.210    | 102,983,614.678 | 194658843 | 730,289,348.966   | 1,054,682,149.731 |
| 2009 | 7     | 1,981,686.342     | 179,395,770.335 | 218889190 | 813,527,795.152   | 1,213,794,441.923 |
| 2009 | 8     | 0.000             | 207,435,464.984 | 211944819 | 768,470,726.919   | 1,187,851,010.665 |
| 2009 | 9     | 0.000             | 205,415,497.146 | 200331702 | 775,704,922.359   | 1,181,452,121.348 |
| 2009 | 10    | 44,244,009.205    | 105,502,994.845 | 177402694 | 676,987,638.090   | 1,004,137,336.330 |
| 2009 | 11    | 191,156,624.050   | 20,461,332.939  | 197719258 | 739,900,806.399   | 1,149,238,021.196 |
| 2009 | 12    | 526,524,094.300   | 902,406.964     | 249737491 | 876,042,199.991   | 1,653,206,192.170 |
| 2010 | 1     | 1,111,969,356.750 | 47,780.064      | 271537856 | 1,054,914,831.112 | 2,438,469,823.720 |
| 2010 | 2     | 1,254,281,893.153 | 0.000           | 194918582 | 672,513,902.548   | 2,121,714,378.112 |
| 2010 | 3     | 1,098,042,753.610 | 0.000           | 164098209 | 683,451,108.003   | 1,945,592,070.632 |
| 2010 | 4     | 442,164,363.922   | 17,632,469.082  | 157315782 | 601,556,278.037   | 1,218,668,892.723 |
| 2010 | 5     | 107,604,360.971   | 33,473,176.965  | 162145156 | 642,172,444.546   | 945,395,138.758   |
| 2010 | 6     | 23,271,515.872    | 143,269,147.331 | 191368028 | 806,410,021.738   | 1,164,318,712.651 |
| 2010 | 7     | 2,480,931.327     | 279,692,045.326 | 214543438 | 933,042,450.556   | 1,429,758,865.049 |
| 2010 | 8     | 0.000             | 354,410,783.297 | 206625691 | 928,014,618.187   | 1,489,051,092.180 |
| 2010 | 9     | 0.000             | 290,529,998.911 | 194409981 | 803,867,621.499   | 1,288,807,601.600 |
| 2010 | 10    | 14,689,893.161    | 138,321,170.902 | 169781206 | 685,223,861.562   | 1,008,016,131.183 |
| 2010 | 11    | 161,317,541.596   | 31,434,891.974  | 188390112 | 700,137,638.237   | 1,081,280,184.164 |
| 2010 | 12    | 691,193,594.421   | 2,359,410.464   | 240304959 | 980,263,409.671   | 1,914,121,373.714 |
| 2011 | 1     | 1,228,325,646.821 | 0.000           | 250426285 | 1,104,428,960.478 | 2,583,180,891.853 |
| 2011 | 2     | 1,262,028,626.669 | 0.000           | 154971636 | 612,310,845.125   | 2,029,311,107.997 |
| 2011 | 3     | 798,781,858.353   | 1,138,748.910   | 140867892 | 556,585,323.505   | 1,497,373,823.206 |
| 2011 | 4     | 470,727,208.501   | 11,254,882.509  | 141510024 | 613,830,364.864   | 1,237,322,480.358 |
| 2011 | 5     | 162,711,349.202   | 36,139,252.563  | 154448000 | 610,929,710.558   | 964,228,311.888   |
| 2011 | 6     | 39,053,738.113    | 132,103,181.169 | 176856776 | 791,601,625.086   | 1,139,615,319.907 |



KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2011 | 7     | 6,449,169.547     | 231,802,751.710 | 202954374 | 832,139,239.746   | 1,273,345,535.298 |
| 2011 | 8     | 0.000             | 348,154,402.884 | 195960161 | 902,801,072.663   | 1,446,915,636.857 |
| 2011 | 9     | 215,448.929       | 264,774,141.434 | 183191118 | 747,131,289.704   | 1,195,311,998.358 |
| 2011 | 10    | 37,958,520.080    | 86,860,008.710  | 160202822 | 637,719,476.694   | 922,740,827.313   |
| 2011 | 11    | 201,840,931.246   | 10,771,434.683  | 178871456 | 729,940,293.783   | 1,121,424,115.483 |
| 2011 | 12    | 409,959,518.236   | 1,286,559.044   | 225427880 | 913,325,831.103   | 1,549,999,787.986 |
| 2012 | 1     | 713,666,627.455   | 350,715.530     | 243290874 | 979,148,859.719   | 1,936,457,076.255 |
| 2012 | 2     | 828,224,778.639   | 0.000           | 181112566 | 711,846,103.871   | 1,721,183,448.947 |
| 2012 | 3     | 658,119,912.438   | 6,311,609.358   | 147056068 | 597,935,348.592   | 1,409,422,938.409 |
| 2012 | 4     | 245,295,187.721   | 28,511,067.577  | 140902247 | 562,412,197.631   | 977,120,699.812   |
| 2012 | 5     | 96,535,107.418    | 47,416,164.819  | 149982211 | 676,689,494.539   | 970,622,977.484   |
| 2012 | 6     | 21,840,032.708    | 126,574,158.895 | 175881528 | 770,821,817.441   | 1,095,117,537.035 |
| 2012 | 7     | 109,049.767       | 292,951,619.779 | 200699905 | 880,383,871.063   | 1,374,144,445.155 |
| 2012 | 8     | 0.000             | 335,024,700.347 | 189643394 | 804,942,058.784   | 1,329,610,153.223 |
| 2012 | 9     | 780,229.665       | 258,812,995.853 | 180541588 | 759,136,707.821   | 1,199,271,521.107 |
| 2012 | 10    | 51,772,692.486    | 100,182,870.188 | 154599084 | 634,263,124.861   | 940,817,771.802   |
| 2012 | 11    | 287,730,693.871   | 19,595,634.149  | 175893099 | 699,981,303.567   | 1,183,200,730.212 |
| 2012 | 12    | 533,606,629.927   | 1,824,196.694   | 220031882 | 901,973,913.819   | 1,657,436,622.217 |
| 2013 | 1     | 813,386,539.302   | 0.000           | 214687617 | 961,393,761.632   | 1,989,467,918.323 |
| 2013 | 2     | 1,014,910,436.559 | 0.000           | 156849229 | 718,980,173.686   | 1,890,739,839.475 |
| 2013 | 3     | 857,088,193.336   | 1,241,246.068   | 128388220 | 600,018,625.373   | 1,586,736,284.584 |
| 2013 | 4     | 491,795,157.023   | 10,497,239.264  | 122799354 | 573,899,222.905   | 1,198,990,973.180 |
| 2013 | 5     | 173,579,667.249   | 35,290,746.015  | 130644301 | 610,562,355.216   | 950,077,069.427   |
| 2013 | 6     | 33,553,677.421    | 108,409,812.470 | 154868778 | 723,774,748.892   | 1,020,607,017.219 |
| 2013 | 7     | 2,883,929.397     | 240,247,102.554 | 176006205 | 822,559,901.360   | 1,241,697,138.709 |
| 2013 | 8     | 14,446.123        | 313,714,717.894 | 168102699 | 785,623,094.730   | 1,267,454,958.074 |
| 2013 | 9     | 254,861.780       | 271,378,636.967 | 157967836 | 738,258,106.623   | 1,167,859,441.799 |
| 2013 | 10    | 30,718,540.049    | 124,091,489.108 | 136025542 | 635,711,431.331   | 926,547,002.909   |
| 2013 | 11    | 200,856,463.740   | 28,747,236.986  | 154032656 | 719,867,156.540   | 1,103,503,513.616 |
| 2013 | 12    | 560,500,088.029   | 3,718,522.604   | 194171060 | 907,452,821.854   | 1,665,842,492.233 |
| 2014 | 1     | 928,305,802.756   | 521,851.828     | 203703979 | 1,014,074,914.709 | 2,146,606,548.030 |
| 2014 | 2     | 1,080,317,243.568 | 98,483.297      | 149084950 | 742,171,599.627   | 1,971,672,276.288 |
| 2014 | 3     | 874,186,226.840   | 1,262,544.664   | 121402357 | 604,362,690.528   | 1,601,213,818.875 |

KPCo Res Net Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2014 | 4     | 496,902,987.435   | 10,589,736.530  | 116148945 | 578,210,263.316   | 1,201,851,931.976 |
| 2014 | 5     | 175,462,931.869   | 35,618,044.179  | 123683319 | 615,717,728.476   | 950,482,023.429   |
| 2014 | 6     | 33,931,050.849    | 109,458,244.103 | 146758058 | 730,587,914.116   | 1,020,735,266.845 |
| 2014 | 7     | 2,917,238.282     | 242,643,207.134 | 166836858 | 830,543,781.779   | 1,242,941,085.508 |
| 2014 | 8     | 14,615.708        | 316,902,839.920 | 159313162 | 793,089,474.178   | 1,269,320,092.021 |
| 2014 | 9     | 257,869.866       | 274,153,779.190 | 149650630 | 744,987,655.423   | 1,169,049,934.149 |
| 2014 | 10    | 31,080,171.395    | 125,356,693.642 | 128763908 | 641,009,813.868   | 926,210,587.370   |
| 2014 | 11    | 203,200,876.945   | 29,037,456.598  | 145777865 | 725,708,340.825   | 1,103,724,539.775 |
| 2014 | 12    | 566,960,990.188   | 3,755,524.657   | 183782289 | 914,901,173.735   | 1,669,399,977.776 |
| 2015 | 1     | 933,463,312.006   | 524,998.207     | 196088072 | 1,017,959,840.936 | 2,148,036,222.780 |
| 2015 | 2     | 1,086,089,250.140 | 99,056.096      | 143425178 | 744,568,857.052   | 1,974,182,341.280 |
| 2015 | 3     | 878,646,938.456   | 1,269,584.508   | 116720411 | 605,935,333.793   | 1,602,572,267.875 |
| 2015 | 4     | 499,308,611.814   | 10,646,013.859  | 111659402 | 579,661,917.341   | 1,201,275,945.476 |
| 2015 | 5     | 176,266,759.013   | 35,798,063.077  | 118975356 | 617,641,518.242   | 948,681,696.138   |
| 2015 | 6     | 34,078,187.824    | 109,984,651.369 | 141288671 | 733,477,523.814   | 1,018,829,034.176 |
| 2015 | 7     | 2,929,230.962     | 243,755,415.284 | 160695646 | 834,225,726.128   | 1,241,606,018.079 |
| 2015 | 8     | 14,672.820        | 318,290,945.182 | 153416781 | 796,438,667.479   | 1,268,161,066.967 |
| 2015 | 9     | 258,830.339       | 275,304,460.295 | 144018324 | 747,648,081.273   | 1,167,229,696.226 |
| 2015 | 10    | 31,190,627.144    | 125,861,427.784 | 123787633 | 642,623,683.336   | 923,463,370.921   |
| 2015 | 11    | 203,890,577.688   | 29,149,732.615  | 140139363 | 727,511,074.194   | 1,100,690,747.459 |
| 2015 | 12    | 568,797,930.568   | 3,769,466.347   | 176706317 | 917,342,563.891   | 1,666,616,277.839 |
| 2016 | 1     | 933,003,711.187   | 526,295.129     | 190310492 | 1,019,566,640.949 | 2,143,407,138.882 |
| 2016 | 2     | 1,085,423,491.483 | 99,288.814      | 139100314 | 745,213,986.641   | 1,969,837,081.191 |
| 2016 | 3     | 878,008,568.336   | 1,272,422.620   | 113115259 | 606,002,033.045   | 1,598,398,283.169 |
| 2016 | 4     | 498,883,300.683   | 10,668,475.151  | 108189026 | 579,610,303.860   | 1,197,351,105.740 |
| 2016 | 5     | 176,094,698.246   | 35,869,126.681  | 115346784 | 617,957,172.638   | 945,267,781.777   |
| 2016 | 6     | 34,040,387.337    | 110,188,303.357 | 137096613 | 734,479,386.107   | 1,015,804,689.655 |
| 2016 | 7     | 2,925,588.485     | 244,173,937.922 | 156013142 | 835,822,524.265   | 1,238,935,193.030 |
| 2016 | 8     | 14,652.519        | 318,792,718.032 | 148922822 | 797,836,945.522   | 1,265,567,138.019 |
| 2016 | 9     | 258,437.349       | 275,701,263.875 | 139720916 | 748,538,788.175   | 1,164,219,405.179 |
| 2016 | 10    | 31,139,114.267    | 126,026,018.140 | 119980462 | 642,781,570.336   | 919,927,164.775   |
| 2016 | 11    | 203,526,600.420   | 29,183,945.798  | 135851963 | 727,811,318.819   | 1,096,373,828.338 |
| 2016 | 12    | 567,706,483.399   | 3,773,385.092   | 171356046 | 918,020,369.195   | 1,660,856,283.244 |

KPCo Res Net Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2017 | 1     | 930,674,239.679   | 527,511.433     | 186181903 | 1,020,378,339.030 | 2,137,761,992.971 |
| 2017 | 2     | 1,082,563,719.568 | 99,504.513      | 136005716 | 745,385,477.512   | 1,964,054,417.547 |
| 2017 | 3     | 875,576,419.376   | 1,275,013.807   | 110532762 | 605,779,803.907   | 1,593,163,999.569 |
| 2017 | 4     | 497,441,873.740   | 10,688,922.493  | 105705627 | 579,324,466.990   | 1,193,160,889.747 |
| 2017 | 5     | 175,566,343.759   | 35,933,869.915  | 112753460 | 617,950,434.903   | 942,204,108.174   |
| 2017 | 6     | 33,934,923.715    | 110,376,364.196 | 134105511 | 734,971,319.648   | 1,013,388,118.801 |
| 2017 | 7     | 2,916,272.710     | 244,569,562.940 | 152679851 | 836,768,829.190   | 1,236,934,515.917 |
| 2017 | 8     | 14,604.732        | 319,284,544.685 | 145729374 | 798,676,425.973   | 1,263,704,949.529 |
| 2017 | 9     | 257,576.795       | 276,107,636.700 | 136672072 | 749,037,472.732   | 1,162,074,758.369 |
| 2017 | 10    | 31,033,502.687    | 126,203,953.519 | 117284098 | 642,780,804.302   | 917,302,358.640   |
| 2017 | 11    | 202,825,748.948   | 29,223,627.542  | 132820479 | 727,928,642.930   | 1,092,798,498.530 |
| 2017 | 12    | 565,729,893.518   | 3,778,371.069   | 167576188 | 918,408,877.104   | 1,655,493,329.633 |
| 2018 | 1     | 929,584,157.821   | 530,203.041     | 183298152 | 1,022,222,839.225 | 2,135,635,352.149 |
| 2018 | 2     | 1,081,265,328.051 | 100,009.419     | 133882322 | 746,639,102.569   | 1,961,886,762.471 |
| 2018 | 3     | 874,501,399.075   | 1,281,447.024   | 108794935 | 606,730,982.009   | 1,591,308,763.551 |
| 2018 | 4     | 496,816,562.453   | 10,742,539.772  | 104049911 | 580,268,783.170   | 1,191,877,796.601 |
| 2018 | 5     | 175,340,031.411   | 36,112,963.071  | 111012570 | 619,098,357.972   | 941,563,922.910   |
| 2018 | 6     | 33,890,116.637    | 110,922,995.147 | 132068848 | 736,525,664.035   | 1,013,407,624.199 |
| 2018 | 7     | 2,912,321.156     | 245,772,256.008 | 150381109 | 838,650,047.945   | 1,237,715,733.921 |
| 2018 | 8     | 14,584.399        | 320,842,698.925 | 143529037 | 800,437,201.297   | 1,264,823,521.744 |
| 2018 | 9     | 257,206.588       | 277,442,563.063 | 134588576 | 750,577,761.655   | 1,162,866,107.701 |
| 2018 | 10    | 30,987,527.532    | 126,808,512.080 | 115464740 | 643,927,358.193   | 917,188,138.261   |
| 2018 | 11    | 202,515,594.908   | 29,362,215.734  | 130751692 | 729,180,106.236   | 1,091,809,609.039 |
| 2018 | 12    | 564,835,606.287   | 3,796,093.169   | 164967085 | 919,993,576.483   | 1,653,592,361.400 |
| 2019 | 1     | 929,162,467.766   | 533,694.289     | 180999090 | 1,024,550,778.892 | 2,135,246,031.062 |
| 2019 | 2     | 1,080,724,711.323 | 100,663.286     | 132210522 | 748,381,625.194   | 1,961,417,521.731 |
| 2019 | 3     | 874,028,138.394   | 1,289,772.041   | 107445267 | 608,197,156.185   | 1,590,960,333.509 |
| 2019 | 4     | 496,527,940.607   | 10,811,899.305  | 102770670 | 581,736,459.128   | 1,191,846,968.838 |
| 2019 | 5     | 175,232,798.848   | 36,345,013.700  | 109658412 | 620,724,729.449   | 941,960,953.817   |
| 2019 | 6     | 33,868,659.164    | 111,633,341.208 | 130466309 | 738,508,455.292   | 1,014,476,764.610 |
| 2019 | 7     | 2,910,442.048     | 247,343,181.425 | 148555417 | 840,902,391.211   | 1,239,711,431.186 |
| 2019 | 8     | 14,574.875        | 322,890,942.376 | 141783047 | 802,567,188.689   | 1,267,255,752.618 |
| 2019 | 9     | 257,040.320       | 279,215,580.521 | 132948576 | 752,559,404.836   | 1,164,980,602.105 |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2019 | 10    | 30,967,821.758    | 127,620,233.602 | 114048892 | 645,577,172.317   | 918,214,119.342   |
| 2019 | 11    | 202,390,302.795   | 29,550,677.943  | 129129063 | 730,938,934.616   | 1,092,008,978.374 |
| 2019 | 12    | 564,501,181.655   | 3,820,560.204   | 162905346 | 922,130,595.073   | 1,653,357,682.490 |
| 2020 | 1     | 929,001,023.006   | 537,155.441     | 173959739 | 1,028,657,654.367 | 2,132,155,571.928 |
| 2020 | 2     | 1,080,582,994.445 | 101,320.434     | 127021267 | 751,101,373.975   | 1,958,806,956.337 |
| 2020 | 3     | 873,951,317.136   | 1,298,248.040   | 103191719 | 610,192,636.577   | 1,588,633,920.998 |
| 2020 | 4     | 496,502,791.848   | 10,883,357.256  | 98709772  | 583,690,012.905   | 1,189,785,933.852 |
| 2020 | 5     | 175,230,009.243   | 36,586,495.645  | 105391565 | 623,200,750.200   | 940,408,819.968   |
| 2020 | 6     | 33,869,204.852    | 112,378,650.134 | 125483150 | 742,006,188.413   | 1,013,737,193.609 |
| 2020 | 7     | 2,910,569.555     | 249,001,440.226 | 142933130 | 845,191,301.606   | 1,240,036,441.475 |
| 2020 | 8     | 14,575.993        | 325,066,391.179 | 136402986 | 806,577,292.880   | 1,268,061,245.874 |
| 2020 | 9     | 257,067.149       | 281,104,544.527 | 127855091 | 756,031,933.696   | 1,165,248,636.314 |
| 2020 | 10    | 30,971,917.511    | 128,487,198.788 | 109607668 | 648,131,387.350   | 917,198,172.028   |
| 2020 | 11    | 202,422,445.736   | 29,752,215.219  | 124090854 | 733,773,271.370   | 1,090,038,786.375 |
| 2020 | 12    | 564,603,232.215   | 3,846,701.110   | 156568152 | 925,817,831.284   | 1,650,835,917.010 |
| 2021 | 1     | 927,111,616.479   | 540,558.532     | 170199395 | 1,030,831,272.954 | 2,128,682,843.073 |
| 2021 | 2     | 1,078,394,550.064 | 101,963.213     | 124250126 | 752,534,491.536   | 1,955,281,130.530 |
| 2021 | 3     | 872,193,313.626   | 1,306,502.075   | 100921151 | 611,240,001.276   | 1,585,660,967.909 |
| 2021 | 4     | 495,515,698.457   | 10,952,809.273  | 96543419  | 584,725,789.893   | 1,187,737,716.857 |
| 2021 | 5     | 174,886,184.901   | 36,820,929.714  | 103113789 | 624,519,955.939   | 939,340,859.903   |
| 2021 | 6     | 33,803,565.210    | 113,101,465.929 | 122819982 | 743,872,671.978   | 1,013,597,685.522 |
| 2021 | 7     | 2,905,003.263     | 250,609,435.308 | 139929435 | 847,497,947.643   | 1,240,941,821.639 |
| 2021 | 8     | 14,548.485        | 327,173,868.533 | 133530630 | 808,742,883.542   | 1,269,461,930.827 |
| 2021 | 9     | 256,588.417       | 282,934,072.682 | 125138894 | 757,917,414.521   | 1,166,246,969.712 |
| 2021 | 10    | 30,915,060.450    | 129,326,875.010 | 107242041 | 649,523,164.316   | 917,007,140.812   |
| 2021 | 11    | 202,056,235.676   | 29,947,447.582  | 121407064 | 735,315,176.450   | 1,088,725,923.627 |
| 2021 | 12    | 563,594,966.506   | 3,872,033.491   | 153189339 | 927,808,007.562   | 1,648,464,346.888 |
| 2022 | 1     | 925,162,121.625   | 544,559.644     | 167270464 | 1,033,193,263.910 | 2,126,170,409.117 |
| 2022 | 2     | 1,076,153,998.034 | 102,720.508     | 122109605 | 754,244,460.539   | 1,952,610,783.590 |
| 2022 | 3     | 870,397,637.575   | 1,316,230.534   | 99182747  | 612,630,247.444   | 1,583,526,862.181 |
| 2022 | 4     | 494,506,322.217   | 11,034,606.802  | 94891677  | 586,125,241.358   | 1,186,557,846.961 |
| 2022 | 5     | 174,532,524.799   | 37,096,464.801  | 101369663 | 626,138,355.450   | 939,137,008.272   |
| 2022 | 6     | 33,735,621.558    | 113,949,218.230 | 120765196 | 745,940,344.336   | 1,014,390,380.555 |

KPCo Res Net Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2022 | 7     | 2,899,194.502     | 252,490,506.079 | 137597723 | 849,911,201.351   | 1,242,898,625.341 |
| 2022 | 8     | 14,519.473        | 329,631,420.284 | 131301283 | 811,019,459.847   | 1,271,966,682.771 |
| 2022 | 9     | 256,077.425       | 285,060,080.391 | 123038884 | 759,984,415.402   | 1,168,339,456.832 |
| 2022 | 10    | 30,853,465.668    | 130,298,538.509 | 105423252 | 651,176,491.931   | 917,751,748.191   |
| 2022 | 11    | 201,652,926.009   | 30,172,339.836  | 119332037 | 737,088,030.305   | 1,088,245,333.145 |
| 2022 | 12    | 562,468,242.810   | 3,901,098.475   | 150562928 | 929,994,448.800   | 1,646,926,717.995 |
| 2023 | 1     | 923,625,827.739   | 548,737.085     | 164920026 | 1,035,460,207.834 | 2,124,554,798.366 |
| 2023 | 2     | 1,074,360,028.526 | 103,507.832     | 120399511 | 755,935,503.978   | 1,950,798,551.399 |
| 2023 | 3     | 868,939,833.443   | 1,326,308.634   | 97801049  | 614,049,711.515   | 1,582,116,902.287 |
| 2023 | 4     | 493,672,502.477   | 11,118,970.665  | 93581259  | 587,555,512.009   | 1,185,928,244.394 |
| 2023 | 5     | 174,236,411.346   | 37,379,690.690  | 99981837  | 627,741,922.457   | 939,339,861.753   |
| 2023 | 6     | 33,678,081.693    | 114,818,167.830 | 119122370 | 747,916,895.501   | 1,015,535,514.672 |
| 2023 | 7     | 2,894,222.964     | 254,413,596.858 | 135726562 | 852,167,308.194   | 1,245,201,690.284 |
| 2023 | 8     | 14,494.432        | 332,138,779.543 | 129512641 | 813,152,833.562   | 1,274,818,748.583 |
| 2023 | 9     | 255,634.408       | 287,226,860.693 | 121358046 | 761,953,722.413   | 1,170,794,263.470 |
| 2023 | 10    | 30,799,866.947    | 131,288,009.384 | 103972787 | 652,799,335.978   | 918,859,998.956   |
| 2023 | 11    | 201,301,318.926   | 30,401,269.238  | 117672108 | 738,811,341.870   | 1,088,186,038.119 |
| 2023 | 12    | 561,484,066.218   | 3,930,673.540   | 148455174 | 932,084,652.373   | 1,645,954,565.654 |
| 2024 | 1     | 922,354,802.620   | 553,141.171     | 162945930 | 1,037,743,315.289 | 2,123,597,188.896 |
| 2024 | 2     | 1,072,888,245.851 | 104,339.220     | 118972730 | 757,694,009.401   | 1,949,659,324.104 |
| 2024 | 3     | 867,758,886.998   | 1,336,976.238   | 96656975  | 615,573,088.120   | 1,581,325,925.905 |
| 2024 | 4     | 493,002,661.498   | 11,208,426.259  | 92499619  | 589,096,401.464   | 1,185,807,107.839 |
| 2024 | 5     | 174,001,202.219   | 37,680,682.727  | 98832860  | 629,430,507.930   | 939,945,252.465   |
| 2024 | 6     | 33,632,805.914    | 115,743,362.714 | 117754309 | 749,934,334.932   | 1,017,064,813.037 |
| 2024 | 7     | 2,890,346.749     | 256,464,943.075 | 134161200 | 854,423,848.418   | 1,247,940,338.209 |
| 2024 | 8     | 14,475.140        | 334,819,602.166 | 128017442 | 815,296,488.945   | 1,278,148,008.049 |
| 2024 | 9     | 255,295.953       | 289,547,220.764 | 119957568 | 763,966,088.162   | 1,173,726,173.142 |
| 2024 | 10    | 30,759,434.556    | 132,350,107.723 | 102770722 | 654,509,321.615   | 920,389,586.107   |
| 2024 | 11    | 201,039,512.189   | 30,647,584.089  | 116290484 | 740,611,763.093   | 1,088,589,343.339 |
| 2024 | 12    | 560,760,186.118   | 3,962,565.357   | 146692848 | 934,233,350.638   | 1,645,648,949.701 |
| 2025 | 1     | 922,067,770.891   | 558,030.616     | 161228076 | 1,040,295,746.867 | 2,124,149,624.659 |
| 2025 | 2     | 1,072,555,192.159 | 105,261.598     | 117742779 | 759,714,527.070   | 1,950,117,759.354 |
| 2025 | 3     | 867,490,067.825   | 1,348,796.230   | 95681243  | 617,366,354.491   | 1,581,886,461.114 |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2025 | 4     | 492,854,335.947   | 11,307,619.087  | 91582574  | 590,920,415.960   | 1,186,664,944.691 |
| 2025 | 5     | 173,949,713.185   | 38,014,339.118  | 97853276  | 631,381,018.574   | 941,198,347.058   |
| 2025 | 6     | 33,623,086.273    | 116,769,059.759 | 116576924 | 752,192,058.201   | 1,019,161,128.541 |
| 2025 | 7     | 2,889,529.489     | 258,739,304.190 | 132803695 | 856,892,437.411   | 1,251,324,966.273 |
| 2025 | 8     | 14,471.082        | 337,789,630.856 | 126720878 | 817,644,131.256   | 1,282,169,111.141 |
| 2025 | 9     | 255,224.993       | 292,116,362.491 | 118748910 | 766,206,415.697   | 1,177,326,913.586 |
| 2025 | 10    | 30,750,824.654    | 133,524,183.782 | 101740649 | 656,463,608.367   | 922,479,266.082   |
| 2025 | 11    | 200,982,395.332   | 30,919,328.607  | 115097547 | 742,646,636.341   | 1,089,645,907.201 |
| 2025 | 12    | 560,598,803.427   | 3,997,685.704   | 145160904 | 936,625,146.254   | 1,646,382,538.893 |
| 2026 | 1     | 921,491,826.381   | 563,067.333     | 159629674 | 1,042,991,700.111 | 2,124,676,268.173 |
| 2026 | 2     | 1,071,879,095.821 | 106,211.067     | 116605104 | 761,876,865.530   | 1,950,467,276.682 |
| 2026 | 3     | 866,937,799.872   | 1,360,953.954   | 94784566  | 619,305,375.085   | 1,582,388,694.632 |
| 2026 | 4     | 492,535,873.336   | 11,409,434.411  | 90741144  | 592,886,378.531   | 1,187,572,829.779 |
| 2026 | 5     | 173,836,177.217   | 38,356,374.541  | 96951409  | 633,463,143.867   | 942,607,105.071   |
| 2026 | 6     | 33,600,844.938    | 117,818,656.700 | 115486720 | 754,569,541.804   | 1,021,475,763.247 |
| 2026 | 7     | 2,887,588.692     | 261,062,364.631 | 131540669 | 859,463,167.342   | 1,254,953,789.208 |
| 2026 | 8     | 14,461.230        | 340,819,326.471 | 125514681 | 820,090,441.078   | 1,286,438,909.319 |
| 2026 | 9     | 255,048.884       | 294,733,683.929 | 117626907 | 768,553,141.462   | 1,181,168,781.256 |
| 2026 | 10    | 30,729,314.701    | 134,719,263.603 | 100788250 | 658,532,375.682   | 924,769,204.426   |
| 2026 | 11    | 200,839,713.179   | 31,195,739.827  | 113990313 | 744,792,289.930   | 1,090,818,056.268 |
| 2026 | 12    | 560,195,643.179   | 4,033,386.754   | 143734121 | 939,132,998.999   | 1,647,096,149.524 |
| 2027 | 1     | 921,322,280.340   | 568,497.035     | 158076385 | 1,046,080,956.804 | 2,126,048,119.055 |
| 2027 | 2     | 1,071,676,110.591 | 107,234.691     | 115509183 | 764,389,679.048   | 1,951,682,207.739 |
| 2027 | 3     | 866,771,255.514   | 1,374,066.584   | 93929515  | 621,584,790.781   | 1,583,659,627.590 |
| 2027 | 4     | 492,441,734.675   | 11,519,374.206  | 89942607  | 595,201,163.580   | 1,189,104,879.294 |
| 2027 | 5     | 173,803,118.184   | 38,726,008.543  | 96091176  | 635,889,727.763   | 944,510,030.503   |
| 2027 | 6     | 33,594,516.458    | 118,954,273.300 | 114438315 | 757,303,137.083   | 1,024,290,241.951 |
| 2027 | 7     | 2,887,070.053     | 263,580,964.128 | 130318012 | 862,388,084.354   | 1,259,174,130.586 |
| 2027 | 8     | 14,458.722        | 344,109,514.563 | 124347916 | 822,880,580.243   | 1,291,352,469.876 |
| 2027 | 9     | 255,006.421       | 297,581,031.911 | 116547367 | 771,259,930.429   | 1,185,643,336.161 |
| 2027 | 10    | 30,724,541.404    | 136,022,270.469 | 99880356  | 660,964,880.344   | 927,592,048.643   |
| 2027 | 11    | 200,811,135.452   | 31,497,876.388  | 112929186 | 747,316,372.808   | 1,092,554,570.295 |
| 2027 | 12    | 560,123,508.492   | 4,072,505.942   | 142359475 | 942,073,263.007   | 1,648,628,752.333 |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2028 | 1     | 921,947,700.919   | 574,177.479     | 156695459 | 1,049,487,959.747 | 2,128,705,297.384 |
| 2028 | 2     | 1,072,430,105.891 | 108,308.862     | 114549261 | 767,208,382.302   | 1,954,296,057.654 |
| 2028 | 3     | 867,400,763.679   | 1,387,862.100   | 93194107  | 624,179,499.641   | 1,586,162,232.542 |
| 2028 | 4     | 492,807,105.655   | 11,635,210.196  | 89261918  | 597,843,157.111   | 1,191,547,390.819 |
| 2028 | 5     | 173,934,182.725   | 39,115,902.254  | 95352021  | 638,632,405.347   | 947,034,511.386   |
| 2028 | 6     | 33,620,231.412    | 120,153,268.790 | 113524776 | 760,346,767.860   | 1,027,645,044.467 |
| 2028 | 7     | 2,889,288.524     | 266,238,508.163 | 129238850 | 865,593,793.603   | 1,263,960,440.286 |
| 2028 | 8     | 14,469.925        | 347,581,212.888 | 123318407 | 825,940,869.165   | 1,296,854,959.393 |
| 2028 | 9     | 255,204.913       | 300,584,373.136 | 115601532 | 774,256,107.529   | 1,190,697,217.934 |
| 2028 | 10    | 30,748,545.962    | 137,395,475.783 | 99093934  | 663,694,350.429   | 930,932,306.571   |
| 2028 | 11    | 200,967,919.375   | 31,815,844.618  | 111999955 | 750,134,081.046   | 1,094,917,800.092 |
| 2028 | 12    | 560,557,123.785   | 4,113,590.350   | 141144262 | 945,331,817.436   | 1,651,146,793.295 |
| 2029 | 1     | 923,384,166.049   | 580,068.087     | 155529110 | 1,053,044,186.931 | 2,132,537,530.925 |
| 2029 | 2     | 1,074,082,882.200 | 109,418.176     | 113751160 | 770,177,347.873   | 1,958,120,807.824 |
| 2029 | 3     | 868,722,419.948   | 1,402,052.341   | 92594211  | 626,929,552.268   | 1,589,648,235.150 |
| 2029 | 4     | 493,554,807.190   | 11,754,098.877  | 88711086  | 600,637,998.917   | 1,194,657,990.880 |
| 2029 | 5     | 174,197,189.098   | 39,515,386.611  | 94746989  | 641,505,411.754   | 949,964,976.143   |
| 2029 | 6     | 33,670,834.901    | 121,379,531.935 | 112763204 | 763,488,173.943   | 1,031,301,744.407 |
| 2029 | 7     | 2,893,627.737     | 268,954,799.334 | 128328084 | 868,873,631.020   | 1,269,050,141.650 |
| 2029 | 8     | 14,491.534        | 351,124,431.294 | 122449678 | 829,072,588.674   | 1,302,661,189.611 |
| 2029 | 9     | 255,584.977       | 303,647,263.437 | 114810996 | 777,353,202.980   | 1,196,067,047.177 |
| 2029 | 10    | 30,794,105.881    | 138,794,459.051 | 98445892  | 666,549,651.879   | 934,584,108.560   |
| 2029 | 11    | 201,264,842.915   | 32,139,663.141  | 111225338 | 753,075,717.885   | 1,097,705,562.357 |
| 2029 | 12    | 561,386,243.049   | 4,155,464.835   | 140120658 | 948,717,863.117   | 1,654,380,229.362 |
| 2030 | 1     | 924,796,487.458   | 585,956.786     | 154505162 | 1,056,780,340.587 | 2,136,667,946.905 |
| 2030 | 2     | 1,075,728,390.212 | 110,529.237     | 113062576 | 773,322,433.436   | 1,962,223,929.208 |
| 2030 | 3     | 870,055,090.417   | 1,416,292.046   | 92088831  | 629,866,764.875   | 1,593,426,978.720 |
| 2030 | 4     | 494,312,340.157   | 11,873,486.775  | 88252723  | 603,628,653.883   | 1,198,067,204.129 |
| 2030 | 5     | 174,464,846.552   | 39,916,816.015  | 94237691  | 644,564,477.094   | 953,183,830.481   |
| 2030 | 6     | 33,722,782.985    | 122,613,375.296 | 112110226 | 766,808,569.667   | 1,035,254,953.494 |
| 2030 | 7     | 2,898,113.144     | 271,690,744.070 | 127535319 | 872,312,719.491   | 1,274,436,895.946 |
| 2030 | 8     | 14,514.170        | 354,700,466.517 | 121694615 | 832,363,625.059   | 1,308,773,220.848 |
| 2030 | 9     | 255,987.020       | 306,743,141.265 | 114130281 | 780,625,288.980   | 1,201,754,697.855 |

KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2030 | 10    | 30,842,967.731    | 140,211,474.442 | 97897256  | 669,595,076.198   | 938,546,774.592   |
| 2030 | 11    | 201,586,858.689   | 32,468,220.461  | 110561094 | 756,212,863.092   | 1,100,829,036.622 |
| 2030 | 12    | 562,289,796.217   | 4,197,985.315   | 139232644 | 952,319,776.841   | 1,658,040,202.866 |
| 2031 | 1     | 925,634,485.775   | 591,707.546     | 153642048 | 1,060,534,493.771 | 2,140,402,735.101 |
| 2031 | 2     | 1,076,720,819.923 | 111,615.836     | 112494926 | 776,511,062.146   | 1,965,838,424.369 |
| 2031 | 3     | 870,873,371.281   | 1,430,241.055   | 91684110  | 632,861,660.785   | 1,596,849,383.576 |
| 2031 | 4     | 494,787,529.945   | 11,990,677.738  | 87891117  | 606,680,022.664   | 1,201,349,347.247 |
| 2031 | 5     | 174,635,882.211   | 40,311,560.172  | 93829736  | 647,672,121.201   | 956,449,299.179   |
| 2031 | 6     | 33,756,335.665    | 123,827,727.230 | 111574784 | 770,159,654.621   | 1,039,318,501.103 |
| 2031 | 7     | 2,901,025.707     | 274,384,294.345 | 126874563 | 875,768,398.220   | 1,279,928,281.121 |
| 2031 | 8     | 14,528.925        | 358,221,135.596 | 121066511 | 835,677,553.748   | 1,314,979,729.152 |
| 2031 | 9     | 256,250.383       | 309,791,576.548 | 113571408 | 783,941,616.457   | 1,207,560,851.181 |
| 2031 | 10    | 30,875,135.124    | 141,606,904.317 | 97456269  | 672,704,744.539   | 942,643,052.741   |
| 2031 | 11    | 201,799,577.250   | 32,791,756.917  | 110017219 | 759,408,362.294   | 1,104,016,915.838 |
| 2031 | 12    | 562,890,929.063   | 4,239,875.729   | 138494611 | 955,977,314.898   | 1,661,602,731.014 |
| 2032 | 1     | 925,778,220.030   | 597,198.307     | 152801569 | 1,064,356,213.989 | 2,143,533,201.387 |
| 2032 | 2     | 1,076,905,419.829 | 112,653.398     | 111944274 | 779,760,208.660   | 1,968,722,555.627 |
| 2032 | 3     | 871,038,533.742   | 1,443,562.607   | 91294587  | 635,922,535.512   | 1,599,699,219.097 |
| 2032 | 4     | 494,884,359.243   | 12,102,434.489  | 87544162  | 609,798,534.255   | 1,204,329,490.009 |
| 2032 | 5     | 174,671,187.217   | 40,687,539.116  | 93436730  | 650,843,865.629   | 959,639,321.673   |
| 2032 | 6     | 33,763,269.809    | 124,983,053.621 | 111054927 | 773,565,365.834   | 1,043,366,616.287 |
| 2032 | 7     | 2,901,646.865     | 276,946,738.826 | 126229986 | 879,268,918.858   | 1,285,347,290.961 |
| 2032 | 8     | 14,532.084        | 361,567,718.094 | 120452494 | 839,025,154.131   | 1,321,059,897.890 |
| 2032 | 9     | 256,306.779       | 312,686,549.537 | 113025729 | 787,293,204.755   | 1,213,261,790.067 |
| 2032 | 10    | 30,881,946.911    | 142,930,285.341 | 97026682  | 675,850,076.996   | 946,688,991.536   |
| 2032 | 11    | 201,843,757.817   | 33,098,154.872  | 109486634 | 762,641,247.892   | 1,107,069,794.640 |
| 2032 | 12    | 563,013,566.152   | 4,279,487.518   | 137773773 | 959,678,439.404   | 1,664,745,265.997 |
| 2033 | 1     | 925,787,745.126   | 602,605.525     | 151990156 | 1,068,264,078.034 | 2,146,644,585.019 |
| 2033 | 2     | 1,076,905,537.702 | 113,672.240     | 111415444 | 783,084,377.038   | 1,971,519,031.284 |
| 2033 | 3     | 871,030,407.587   | 1,456,604.493   | 90922423  | 639,049,008.250   | 1,602,458,443.601 |
| 2033 | 4     | 494,880,999.914   | 12,211,805.126  | 87213672  | 612,982,018.024   | 1,207,288,494.913 |
| 2033 | 5     | 174,670,309.222   | 41,055,307.876  | 93060357  | 654,075,492.265   | 962,861,466.224   |
| 2033 | 6     | 33,763,187.992    | 126,113,085.609 | 110554597 | 777,033,903.975   | 1,047,464,774.488 |



KPCo Residential Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2033 | 7     | 2,901,642.147     | 279,450,970.467 | 125606567 | 882,826,800.318   | 1,290,785,979.843 |
| 2033 | 8     | 14,532.092        | 364,837,893.799 | 119859308 | 842,432,143.967   | 1,327,143,877.959 |
| 2033 | 9     | 256,307.823       | 315,515,748.967 | 112500731 | 790,712,321.113   | 1,218,985,108.548 |
| 2033 | 10    | 30,882,182.208    | 144,224,035.254 | 96616144  | 679,067,371.799   | 950,789,733.269   |
| 2033 | 11    | 201,846,186.209   | 33,397,893.970  | 108977373 | 765,948,372.057   | 1,110,169,825.159 |
| 2033 | 12    | 563,021,970.578   | 4,318,255.350   | 137078748 | 963,459,122.617   | 1,667,878,096.842 |
| 2034 | 1     | 925,532,792.239   | 607,690.906     | 151173918 | 1,072,009,897.537 | 2,149,324,298.183 |
| 2034 | 2     | 1,076,615,616.024 | 114,632.226     | 110879333 | 786,271,497.405   | 1,973,881,078.724 |
| 2034 | 3     | 870,797,044.713   | 1,468,907.745   | 90540818  | 642,046,291.942   | 1,604,853,062.532 |
| 2034 | 4     | 494,748,164.284   | 12,314,946.289  | 86872254  | 616,031,639.165   | 1,209,967,003.819 |
| 2034 | 5     | 174,623,699.571   | 41,402,127.126  | 92673974  | 657,173,006.178   | 965,872,807.292   |
| 2034 | 6     | 33,754,219.733    | 127,178,595.186 | 110045436 | 780,358,137.709   | 1,051,336,388.777 |
| 2034 | 7     | 2,900,869.316     | 281,811,804.618 | 124976036 | 886,234,541.250   | 1,295,923,251.070 |
| 2034 | 8     | 14,528.202        | 367,919,604.738 | 119258368 | 845,689,206.842   | 1,332,881,707.340 |
| 2034 | 9     | 256,237.640       | 318,178,882.036 | 111964977 | 793,970,051.101   | 1,224,370,147.293 |
| 2034 | 10    | 30,873,373.532    | 145,439,708.140 | 96191771  | 682,118,531.039   | 954,623,383.677   |
| 2034 | 11    | 201,786,242.366   | 33,679,011.177  | 108454854 | 769,078,942.925   | 1,112,999,050.230 |
| 2034 | 12    | 562,846,081.006   | 4,354,535.838   | 136370623 | 967,036,244.066   | 1,670,607,483.716 |
| 2035 | 1     | 925,036,098.405   | 612,687.010     | 150417657 | 1,075,826,771.587 | 2,151,893,213.844 |
| 2035 | 2     | 1,076,018,325.468 | 115,572.574     | 110387295 | 789,519,061.762   | 1,976,040,254.895 |
| 2035 | 3     | 870,300,979.054   | 1,480,935.388   | 90195431  | 645,101,518.899   | 1,607,078,863.925 |
| 2035 | 4     | 494,459,108.257   | 12,415,601.837  | 86564822  | 619,134,449.496   | 1,212,573,981.755 |
| 2035 | 5     | 174,518,961.797   | 41,739,876.044  | 92322035  | 660,311,554.653   | 968,892,427.472   |
| 2035 | 6     | 33,733,307.616    | 128,213,554.843 | 109574857 | 783,708,290.201   | 1,055,230,009.665 |
| 2035 | 7     | 2,899,014.731     | 284,099,522.394 | 124387956 | 889,655,486.343   | 1,301,041,979.956 |
| 2035 | 8     | 14,518.578        | 370,897,757.499 | 118697051 | 848,952,629.054   | 1,338,561,956.184 |
| 2035 | 9     | 256,062.558       | 320,747,714.198 | 111466602 | 797,238,548.578   | 1,229,708,927.196 |
| 2035 | 10    | 30,851,666.895    | 146,611,016.635 | 95799954  | 685,186,548.738   | 958,449,186.204   |
| 2035 | 11    | 201,640,462.981   | 33,949,589.672  | 107968363 | 772,218,220.663   | 1,115,776,636.244 |
| 2035 | 12    | 562,431,851.846   | 4,389,461.005   | 135706702 | 970,610,141.999   | 1,673,138,157.010 |
| 2036 | 1     | 924,254,015.293   | 617,617.939     | 149532509 | 1,079,178,137.362 | 2,153,582,279.864 |
| 2036 | 2     | 1,075,109,899.064 | 116,502.848     | 109788139 | 792,342,479.828   | 1,977,357,020.610 |
| 2036 | 3     | 869,564,566.638   | 1,492,852.975   | 89751443  | 647,737,374.297   | 1,608,546,236.766 |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2036 | 4     | 494,035,468.850   | 12,515,381.418  | 86159048  | 621,811,014.696   | 1,214,520,913.317 |
| 2036 | 5     | 174,367,765.571   | 42,074,920.226  | 91871256  | 663,036,097.765   | 971,350,040.033   |
| 2036 | 6     | 33,703,915.588    | 129,242,079.727 | 108999330 | 786,649,638.693   | 1,058,594,964.441 |
| 2036 | 7     | 2,896,471.705     | 286,376,868.848 | 123692239 | 892,688,555.197   | 1,305,654,134.347 |
| 2036 | 8     | 14,505.835        | 373,870,693.398 | 118033505 | 851,849,401.031   | 1,343,768,105.620 |
| 2036 | 9     | 255,837.558       | 323,318,352.395 | 110865875 | 800,120,514.853   | 1,234,560,579.644 |
| 2036 | 10    | 30,824,559.823    | 147,786,042.599 | 95311812  | 687,866,631.356   | 961,789,045.487   |
| 2036 | 11    | 201,463,489.603   | 34,221,714.239  | 107381032 | 774,970,356.668   | 1,118,036,592.456 |
| 2036 | 12    | 561,938,834.544   | 4,424,649.752   | 134925661 | 973,760,316.537   | 1,675,049,461.870 |
| 2037 | 1     | 923,576,039.785   | 622,656.407     | 148650507 | 1,082,552,706.847 | 2,155,401,910.432 |
| 2037 | 2     | 1,074,308,820.831 | 117,451.907     | 109190910 | 795,186,755.831   | 1,978,803,938.146 |
| 2037 | 3     | 868,910,667.728   | 1,505,003.743   | 89309018  | 650,396,158.649   | 1,610,120,847.944 |
| 2037 | 4     | 493,664,191.929   | 12,617,253.654  | 85755212  | 624,515,439.743   | 1,216,552,097.433 |
| 2037 | 5     | 174,236,765.286   | 42,417,409.923  | 91423256  | 665,793,173.861   | 973,870,604.943   |
| 2037 | 6     | 33,678,398.007    | 130,293,350.509 | 108427025 | 789,623,739.335   | 1,062,022,512.936 |
| 2037 | 7     | 2,894,258.137     | 288,704,236.357 | 123000625 | 895,756,505.605   | 1,310,355,624.657 |
| 2037 | 8     | 14,494.643        | 376,906,357.666 | 117373910 | 854,779,749.648   | 1,349,074,511.506 |
| 2037 | 9     | 255,637.136       | 325,939,688.441 | 110268529 | 803,034,556.628   | 1,239,498,410.972 |
| 2037 | 10    | 30,800,071.294    | 148,982,585.045 | 94826146  | 690,574,844.042   | 965,183,646.315   |
| 2037 | 11    | 201,300,687.246   | 34,498,317.389  | 106796218 | 777,747,324.537   | 1,120,342,546.747 |
| 2037 | 12    | 561,475,330.262   | 4,460,338.087   | 134147653 | 976,935,142.446   | 1,677,018,463.557 |
| 2038 | 1     | 922,961,663.822   | 627,776.911     | 147774525 | 1,085,971,639.692 | 2,157,335,605.396 |
| 2038 | 2     | 1,073,577,089.097 | 118,415.905     | 108599537 | 798,080,842.403   | 1,980,375,884.506 |
| 2038 | 3     | 868,303,917.237   | 1,517,330.138   | 88872054  | 653,106,683.601   | 1,611,799,984.719 |
| 2038 | 4     | 493,311,571.169   | 12,720,388.708  | 85356914  | 627,274,474.767   | 1,218,663,348.349 |
| 2038 | 5     | 174,108,973.849   | 42,763,316.078  | 90980187  | 668,599,021.772   | 976,451,498.682   |
| 2038 | 6     | 33,653,274.028    | 131,354,217.540 | 107860663 | 792,650,976.931   | 1,065,519,131.986 |
| 2038 | 7     | 2,892,070.609     | 291,052,047.186 | 122316049 | 898,881,319.041   | 1,315,141,485.499 |
| 2038 | 8     | 14,483.472        | 379,965,786.288 | 116721022 | 857,764,354.621   | 1,354,465,646.745 |
| 2038 | 9     | 255,437.887       | 328,582,545.356 | 109678969 | 806,013,416.073   | 1,244,530,368.202 |
| 2038 | 10    | 30,775,769.736    | 150,189,157.307 | 94348660  | 693,353,399.271   | 968,666,986.510   |
| 2038 | 11    | 201,139,937.669   | 34,777,378.327  | 106220821 | 780,600,031.597   | 1,122,738,168.327 |
| 2038 | 12    | 561,024,051.076   | 4,496,394.958   | 133381688 | 980,200,951.418   | 1,679,103,085.039 |

KPCo Res ( ) el Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2039 | 1     | 922,155,508.217   | 632,805.553     | 146893106 | 1,089,350,599.815 | 2,159,032,019.917 |
| 2039 | 2     | 1,072,632,288.283 | 119,363.655     | 108002484 | 800,940,044.564   | 1,981,694,180.873 |
| 2039 | 3     | 867,534,093.771   | 1,529,464.198   | 88429416  | 655,787,326.703   | 1,613,280,300.811 |
| 2039 | 4     | 492,871,744.420   | 12,822,049.280  | 84953151  | 630,007,546.622   | 1,220,654,490.899 |
| 2039 | 5     | 173,952,949.297   | 43,104,881.526  | 90532922  | 671,386,803.459   | 978,977,556.491   |
| 2039 | 6     | 33,623,045.900    | 132,403,112.174 | 107290805 | 795,662,269.223   | 1,068,979,231.871 |
| 2039 | 7     | 2,889,464.738     | 293,375,339.623 | 121628524 | 901,989,948.508   | 1,319,883,276.724 |
| 2039 | 8     | 14,470.371        | 382,997,482.121 | 116065837 | 860,737,395.062   | 1,359,815,185.051 |
| 2039 | 9     | 255,206.248       | 331,203,500.899 | 109086862 | 808,981,725.479   | 1,249,527,294.689 |
| 2039 | 10    | 30,747,672.864    | 151,386,221.181 | 93868295  | 696,121,732.687   | 972,123,921.950   |
| 2039 | 11    | 200,955,666.563   | 35,054,455.507  | 105643280 | 783,444,326.211   | 1,125,097,728.539 |
| 2039 | 12    | 560,506,427.585   | 4,532,188.971   | 132613241 | 983,451,961.307   | 1,681,103,818.770 |
| 2040 | 1     | 921,573,016.651   | 638,026.645     | 146037363 | 1,092,920,719.690 | 2,161,169,126.084 |
| 2040 | 2     | 1,071,961,240.071 | 120,349.218     | 107427963 | 803,974,028.600   | 1,983,483,581.346 |
| 2040 | 3     | 866,996,965.775   | 1,542,102.676   | 88008379  | 658,640,904.718   | 1,615,188,352.202 |
| 2040 | 4     | 492,564,389.781   | 12,927,944.547  | 84570746  | 632,914,201.039   | 1,222,977,281.736 |
| 2040 | 5     | 173,843,341.945   | 43,460,595.302  | 90106581  | 674,343,516.352   | 981,754,034.228   |
| 2040 | 6     | 33,601,536.418    | 133,494,454.489 | 106742312 | 798,842,719.302   | 1,072,681,022.029 |
| 2040 | 7     | 2,887,585.362     | 295,790,340.449 | 120962187 | 905,262,036.141   | 1,324,902,149.134 |
| 2040 | 8     | 14,460.834        | 386,146,890.394 | 115431155 | 863,868,657.909   | 1,365,461,164.015 |
| 2040 | 9     | 255,034.544       | 333,922,416.491 | 108514713 | 812,107,093.313   | 1,254,799,257.560 |
| 2040 | 10    | 30,726,834.594    | 152,628,230.230 | 93407441  | 699,046,637.484   | 975,809,143.288   |
| 2040 | 11    | 200,817,898.565   | 35,341,773.245  | 105085513 | 786,443,493.079   | 1,127,688,677.393 |
| 2040 | 12    | 560,120,614.674   | 4,569,323.626   | 131868221 | 986,881,081.823   | 1,683,439,241.014 |
| 2041 | 1     | 920,703,620.733   | 643,087.868     | 145163568 | 1,096,356,416.275 | 2,162,866,692.978 |
| 2041 | 2     | 1,070,943,447.801 | 121,303.164     | 106836386 | 806,888,109.547   | 1,984,789,246.292 |
| 2041 | 3     | 866,172,031.303   | 1,554,322.985   | 87570143  | 661,378,673.447   | 1,616,675,170.692 |
| 2041 | 4     | 492,102,539.467   | 13,030,571.861  | 84171683  | 635,711,602.743   | 1,225,016,396.899 |
| 2041 | 5     | 173,685,335.475   | 43,806,863.581  | 89665875  | 677,206,812.048   | 984,364,885.925   |
| 2041 | 6     | 33,572,254.199    | 134,563,102.563 | 106181510 | 801,942,125.248   | 1,076,258,992.497 |
| 2041 | 7     | 2,885,209.250     | 298,172,695.593 | 120286548 | 908,471,252.599   | 1,329,815,705.309 |
| 2041 | 8     | 14,449.768        | 389,279,437.099 | 114789550 | 866,954,848.651   | 1,371,038,285.107 |
| 2041 | 9     | 254,857.207       | 336,654,857.367 | 107938923 | 815,215,086.200   | 1,260,063,723.671 |

KPCo Res Model Output

| Year | Month | Heating           | Cooling         | Lighting  | Other             | Total Usage       |
|------|-------|-------------------|-----------------|-----------|-------------------|-------------------|
| 2041 | 10    | 30,707,722.089    | 153,888,457.788 | 92945311  | 701,974,949.922   | 979,516,441.138   |
| 2041 | 11    | 200,711,201.623   | 35,636,818.803  | 104531244 | 789,478,387.546   | 1,130,357,651.621 |
| 2041 | 12    | 559,877,880.741   | 4,607,921.497   | 131131749 | 990,380,274.901   | 1,685,997,826.221 |
| 2042 | 1     | 920,412,311.936   | 648,580.805     | 144324494 | 1,100,051,123.388 | 2,165,436,510.320 |
| 2042 | 2     | 1,070,730,599.995 | 122,353.673     | 106279128 | 810,066,748.777   | 1,987,198,830.107 |
| 2042 | 3     | 866,111,343.645   | 1,567,985.514   | 87168862  | 664,407,001.009   | 1,619,255,191.977 |
| 2042 | 4     | 492,139,310.868   | 13,147,014.220  | 83814373  | 638,838,861.674   | 1,227,939,560.130 |
| 2042 | 5     | 173,724,225.054   | 44,204,918.886  | 89269740  | 680,420,040.046   | 987,618,924.300   |
| 2042 | 6     | 33,585,131.383    | 135,807,497.660 | 105670963 | 805,431,277.565   | 1,080,494,869.774 |
| 2042 | 7     | 2,886,796.123     | 300,980,164.715 | 119664637 | 912,092,008.812   | 1,335,623,606.165 |
| 2042 | 8     | 14,460.339        | 393,016,037.749 | 114203938 | 870,470,194.335   | 1,377,704,630.617 |
| 2042 | 9     | 255,090.532       | 339,948,799.164 | 107423941 | 818,792,594.494   | 1,266,420,425.255 |
| 2042 | 10    | 30,741,905.982    | 155,424,844.778 | 92547017  | 705,399,669.380   | 984,113,437.567   |
| 2042 | 11    | 200,975,769.507   | 35,999,977.100  | 104045130 | 793,039,067.437   | 1,134,059,944.173 |
| 2042 | 12    | 560,735,910.221   | 4,655,875.277   | 130476195 | 994,498,440.305   | 1,690,366,420.336 |

LONG-TERM COMMERCIAL

| Year | Month | Sales      | XHeat    | XCool    | XOther     | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | D05on | Sep07on | D12on |
|------|-------|------------|----------|----------|------------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2000 | 1     | 116,047.53 | 2,339.66 | 0.00     | 159,692.76 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 2     | 114,186.45 | 2,952.50 | 0.00     | 143,833.08 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 3     | 97,738.70  | 1,672.35 | 14.64    | 141,173.27 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 4     | 89,933.02  | 820.82   | 40.02    | 145,306.95 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 5     | 92,491.05  | 357.20   | 388.84   | 143,511.01 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 6     | 104,856.51 | 66.57    | 1,240.39 | 150,861.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 7     | 108,139.36 | 0.15     | 2,352.28 | 148,530.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 8     | 108,808.60 | 0.00     | 2,292.59 | 141,455.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 9     | 111,962.57 | 2.22     | 2,088.48 | 147,940.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 10    | 96,372.65  | 120.96   | 1,004.76 | 144,991.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 11    | 91,910.57  | 449.12   | 239.77   | 143,887.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00  | 0.00    | 0.00  |
| 2000 | 12    | 116,962.00 | 2,127.50 | 25.70    | 157,335.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 1     | 133,855.10 | 3,593.22 | 0.00     | 160,762.98 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 2     | 113,502.99 | 2,932.69 | 0.00     | 144,950.53 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 3     | 102,783.44 | 2,081.37 | 0.00     | 142,411.13 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 4     | 100,194.17 | 1,480.51 | 281.74   | 146,655.23 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 5     | 97,747.04  | 479.29   | 713.76   | 144,951.12 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 6     | 100,454.10 | 62.34    | 919.61   | 152,555.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 7     | 109,764.20 | 3.08     | 1,951.93 | 150,331.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 8     | 113,401.69 | 0.00     | 2,935.08 | 143,194.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 9     | 113,736.60 | 0.44     | 2,775.79 | 149,786.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 10    | 95,920.90  | 89.37    | 1,100.83 | 146,801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 11    | 95,928.18  | 456.77   | 290.83   | 145,601.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00  | 0.00    | 0.00  |
| 2001 | 12    | 104,780.73 | 762.91   | 54.58    | 159,259.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 1     | 123,908.85 | 2,242.70 | 1.59     | 162,871.97 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 2     | 108,018.63 | 2,129.32 | 0.00     | 146,778.10 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 3     | 107,309.83 | 1,821.52 | 8.46     | 144,169.18 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 4     | 102,537.20 | 1,185.72 | 135.75   | 148,472.34 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 5     | 95,971.43  | 432.88   | 417.82   | 146,741.69 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 6     | 105,281.48 | 183.75   | 1,164.82 | 154,416.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 7     | 117,418.61 | 38.21    | 2,673.35 | 152,101.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 8     | 119,368.15 | 0.00     | 3,563.78 | 144,900.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 9     | 119,695.34 | 0.00     | 3,590.97 | 151,522.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00  | 0.00    | 0.00  |
| 2002 | 10    | 104,899.31 | 42.03    | 1,886.44 | 148,447.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00  | 0.00    | 0.00  |

| Year | Month | Sales      | XHeat    | XCool    | XOther     | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Dizon |
|------|-------|------------|----------|----------|------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 2002 | 11    | 96,109.99  | 526.86   | 444.53   | 147,352.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00  |
| 2002 | 12    | 117,232.40 | 1,862.90 | 51.91    | 161,117.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 1     | 126,690.48 | 2,559.67 | 4.96     | 164,245.38 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 2     | 122,779.65 | 3,118.26 | 0.00     | 147,985.34 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 3     | 110,450.62 | 2,492.25 | 0.00     | 145,311.14 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 4     | 98,087.84  | 1,026.47 | 114.17   | 149,596.13 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 5     | 98,693.05  | 246.55   | 318.68   | 147,817.43 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 6     | 102,213.92 | 34.02    | 500.61   | 155,502.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 7     | 112,755.64 | 0.00     | 1,813.46 | 154,398.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 8     | 112,586.73 | 0.00     | 2,410.21 | 145,090.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 9     | 120,287.93 | 0.00     | 2,538.13 | 151,684.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 10    | 101,482.94 | 114.73   | 891.26   | 149,933.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00  |
| 2003 | 11    | 96,076.45  | 348.95   | 151.46   | 147,055.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00  |
| 2003 | 12    | 116,012.15 | 1,310.18 | 30.73    | 161,061.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 1     | 131,261.21 | 2,354.09 | 9.03     | 165,569.97 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 2     | 125,201.65 | 2,822.52 | 3.79     | 147,691.56 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 3     | 109,248.07 | 2,029.90 | 17.51    | 146,267.92 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 4     | 106,039.03 | 1,195.51 | 103.80   | 153,024.48 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 5     | 102,893.62 | 419.55   | 558.49   | 148,264.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 6     | 117,520.06 | 75.76    | 1,707.12 | 156,123.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 7     | 118,976.06 | 4.26     | 2,401.41 | 152,843.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 8     | 114,443.78 | 0.00     | 2,414.27 | 146,732.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 9     | 117,319.08 | 0.00     | 2,231.78 | 149,943.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00  |
| 2004 | 10    | 105,855.61 | 30.67    | 1,020.67 | 150,090.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00  |
| 2004 | 11    | 98,814.81  | 202.34   | 249.54   | 146,069.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00  |
| 2004 | 12    | 117,815.55 | 1,059.61 | 49.82    | 162,657.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2005 | 1     | 129,923.75 | 1,967.68 | 5.01     | 162,970.08 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2005 | 2     | 124,572.17 | 2,287.58 | 0.00     | 147,852.36 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2005 | 3     | 117,738.85 | 2,111.47 | 0.00     | 146,927.01 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2005 | 4     | 108,703.50 | 1,252.10 | 43.17    | 151,803.91 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2005 | 5     | 100,091.47 | 434.49   | 165.98   | 145,372.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2005 | 6     | 112,547.88 | 101.13   | 1,002.48 | 155,181.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2005 | 7     | 123,433.60 | 9.55     | 2,942.86 | 151,393.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| 2005 | 8     | 128,530.45 | 0.00     | 4,098.93 | 146,382.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00  |

| Year | Month | Sales      | Xheat    | Xcool    | XOther     | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | D05on | Sep07on | D12on |
|------|-------|------------|----------|----------|------------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2005 | 9     | 129,452.72 | 0.00     | 3,676.77 | 152,355.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2005 | 10    | 112,861.11 | 17.31    | 1,946.77 | 146,553.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2005 | 11    | 105,939.34 | 450.99   | 456.67   | 149,528.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 0.00    | 0.00  |
| 2005 | 12    | 127,394.44 | 1,775.58 | 37.33    | 160,030.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 1     | 135,491.87 | 2,166.10 | 3.87     | 164,040.03 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 2     | 120,935.03 | 1,735.53 | 0.00     | 148,040.62 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 3     | 113,477.41 | 1,755.15 | 9.39     | 142,177.36 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 4     | 104,629.62 | 1,164.04 | 117.05   | 143,099.45 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 5     | 103,898.11 | 305.19   | 237.82   | 148,345.71 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 6     | 112,025.55 | 32.68    | 843.03   | 153,059.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 7     | 121,843.93 | 3.95     | 2,146.31 | 151,216.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 8     | 125,800.38 | 0.00     | 3,394.44 | 142,125.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 9     | 127,451.38 | 2.83     | 2,906.77 | 152,138.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 10    | 107,090.52 | 113.44   | 868.06   | 146,004.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 11    | 105,875.30 | 655.28   | 103.46   | 145,518.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 0.00    | 0.00  |
| 2006 | 12    | 121,307.33 | 1,265.94 | 26.23    | 156,070.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 1     | 127,171.78 | 1,499.29 | 9.06     | 161,261.79 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 2     | 132,079.58 | 2,386.64 | 0.67     | 143,466.64 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 3     | 122,153.43 | 2,387.88 | 15.30    | 142,117.69 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 4     | 112,596.65 | 1,229.59 | 216.23   | 150,335.76 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 5     | 109,476.17 | 433.53   | 425.07   | 146,562.17 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 6     | 117,861.06 | 87.29    | 1,397.46 | 148,479.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 7     | 122,280.24 | 3.16     | 2,476.99 | 146,950.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 8     | 125,107.34 | 0.00     | 3,017.09 | 143,241.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 9     | 135,178.77 | 0.00     | 3,495.24 | 148,389.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 10    | 116,735.40 | 19.13    | 2,089.64 | 144,776.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 11    | 108,929.70 | 385.69   | 621.27   | 146,995.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 0.00    | 0.00  |
| 2007 | 12    | 122,828.83 | 1,287.45 | 74.57    | 156,988.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2008 | 1     | 135,988.54 | 1,962.75 | 0.00     | 160,608.08 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2008 | 2     | 128,780.73 | 2,174.77 | 0.00     | 142,612.45 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2008 | 3     | 122,687.26 | 2,038.04 | 0.00     | 143,169.45 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2008 | 4     | 112,736.81 | 1,183.06 | 10.06    | 147,326.06 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2008 | 5     | 103,319.37 | 365.00   | 129.93   | 142,366.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |
| 2008 | 6     | 114,938.69 | 61.49    | 833.81   | 149,243.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 0.00    | 0.00  |



|      |    |            |          |          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|----|------------|----------|----------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2008 | 7  | 122,829.36 | 3.45     | 1,879.71 | 147,046.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |
| 2008 | 8  | 124,863.56 | 0.00     | 2,456.18 | 144,360.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |
| 2008 | 9  | 127,141.73 | 0.00     | 2,471.12 | 146,877.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |
| 2008 | 10 | 111,421.47 | 24.18    | 1,270.25 | 142,016.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2008 | 11 | 106,285.45 | 483.29   | 272.79   | 142,277.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2008 | 12 | 131,453.16 | 1,848.68 | 16.00    | 154,321.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 1  | 140,607.60 | 2,443.82 | 0.00     | 159,023.28 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 2  | 135,440.16 | 2,591.34 | 0.00     | 142,122.81 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 3  | 117,944.09 | 1,927.94 | 26.96    | 137,633.54 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 4  | 108,021.95 | 955.72   | 30.80    | 143,814.38 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 5  | 105,589.96 | 301.06   | 413.95   | 142,644.63 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 6  | 114,602.84 | 57.41    | 968.51   | 144,766.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 7  | 119,391.20 | 4.29     | 1,703.17 | 144,196.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 8  | 118,640.01 | 0.00     | 1,902.13 | 140,816.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 9  | 122,206.78 | 0.00     | 1,875.54 | 142,467.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 10 | 110,816.07 | 91.57    | 956.78   | 141,931.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 11 | 102,272.00 | 387.98   | 181.97   | 139,349.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2009 | 12 | 122,093.41 | 1,175.24 | 8.83     | 154,628.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 1  | 145,310.56 | 2,519.42 | 0.48     | 156,166.01 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 2  | 130,432.77 | 2,554.95 | 0.00     | 137,975.09 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 3  | 125,707.23 | 2,219.97 | 0.00     | 138,668.35 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 4  | 109,887.19 | 940.12   | 165.17   | 145,869.51 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 5  | 103,329.99 | 218.92   | 300.03   | 139,181.12 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 6  | 120,865.71 | 49.81    | 1,350.90 | 145,930.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 7  | 128,707.61 | 5.37     | 2,664.68 | 144,175.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 8  | 130,361.66 | 0.00     | 3,283.87 | 140,381.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 9  | 127,048.33 | 0.00     | 2,705.50 | 142,955.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 10 | 109,352.30 | 30.86    | 1,280.11 | 140,422.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 11 | 101,528.61 | 334.06   | 286.79   | 138,177.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2010 | 12 | 126,389.76 | 1,582.64 | 23.80    | 153,309.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2011 | 1  | 149,474.96 | 2,824.05 | 0.00     | 154,031.38 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2011 | 2  | 127,879.06 | 2,597.55 | 0.00     | 137,544.97 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2011 | 3  | 113,092.78 | 1,622.58 | 10.08    | 137,527.10 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |
| 2011 | 4  | 105,814.35 | 972.29   | 101.26   | 138,595.24 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.00 |      |

| Year | Month | Sales      | XHeat    | XCool    | XOther     | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | D05on | Sep07on | D12on |
|------|-------|------------|----------|----------|------------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2011 | 5     | 104,301.75 | 347.01   | 335.72   | 142,480.16 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 0.00  |
| 2011 | 6     | 113,790.39 | 83.30    | 1,227.36 | 141,909.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 0.00  |
| 2011 | 7     | 120,705.55 | 13.67    | 2,140.48 | 142,195.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 0.00  |
| 2011 | 8     | 126,716.55 | 0.00     | 3,085.59 | 137,163.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 0.00  |
| 2011 | 9     | 121,535.21 | 0.45     | 2,405.66 | 140,688.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 0.00  |
| 2011 | 10    | 104,793.45 | 78.18    | 779.30   | 138,729.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 0.00  |
| 2011 | 11    | 101,275.54 | 410.32   | 95.38    | 136,670.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 0.00  |
| 2011 | 12    | 117,315.03 | 913.11   | 12.48    | 150,236.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 0.00  |
| 2012 | 1     | 127,270.25 | 1,596.77 | 3.39     | 151,024.91 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 2     | 118,462.49 | 1,683.14 | 0.00     | 138,203.05 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 3     | 108,112.96 | 1,312.83 | 54.34    | 135,374.74 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 4     | 99,605.52  | 500.51   | 251.07   | 138,972.74 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 5     | 101,832.00 | 196.11   | 415.71   | 139,042.45 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 6     | 110,870.17 | 45.41    | 1,135.76 | 141,881.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 7     | 122,720.07 | 0.23     | 2,650.92 | 143,266.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 8     | 118,371.52 | 0.00     | 2,866.68 | 135,142.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 9     | 120,105.28 | 1.63     | 2,330.42 | 141,662.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 10    | 102,106.00 | 104.59   | 873.45   | 136,244.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 11    | 101,170.20 | 580.48   | 170.61   | 137,450.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2012 | 12    | 116,894.04 | 1,156.82 | 17.07    | 148,274.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 1     | 127,144.10 | 1,820.23 | 0.00     | 150,694.85 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 2     | 121,020.08 | 2,034.84 | 0.00     | 136,148.82 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 3     |            | 1,702.79 | 10.55    | 134,497.10 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 4     |            | 1,003.84 | 91.69    | 138,651.28 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 5     |            | 347.67   | 302.48   | 136,819.91 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 6     |            | 70.28    | 971.71   | 142,655.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 7     |            | 5.96     | 2,123.27 | 140,951.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 8     |            | 0.03     | 2,660.83 | 134,954.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 9     |            | 0.53     | 2,400.10 | 140,261.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 10    |            | 62.54    | 1,081.12 | 137,291.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 11    |            | 401.92   | 246.16   | 136,427.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2013 | 12    |            | 1,219.73 | 34.63    | 149,008.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 1     |            | 2,048.60 | 4.95     | 152,717.25 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 2     |            | 2,125.21 | 0.83     | 137,363.08 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |

| Year | Month | Sales    | XHeat    | XCool      | XOther | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | D05on | Sep07on | D12on |
|------|-------|----------|----------|------------|--------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2014 | 3     | 1,697.21 | 10.53    | 135,269.19 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 4     | 991.64   | 90.81    | 139,585.59 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 5     | 343.79   | 299.86   | 137,879.96 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 6     | 69.57    | 964.35   | 143,916.99 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 7     | 5.90     | 2,107.63 | 142,227.46 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 8     | 0.03     | 2,641.46 | 136,188.35 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 9     | 0.52     | 2,383.57 | 141,600.11 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 10    | 61.96    | 1,073.79 | 138,616.15 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 11    | 398.23   | 244.52   | 137,761.74 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2014 | 12    | 1,208.69 | 34.40    | 150,482.63 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 1     | 2,022.86 | 4.92     | 154,225.39 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 2     | 2,097.78 | 0.83     | 138,671.99 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 3     | 1,675.53 | 10.46    | 136,577.10 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 4     | 978.65   | 90.18    | 140,889.22 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 5     | 339.11   | 297.65   | 139,095.19 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 6     | 68.58    | 956.64   | 145,096.13 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 7     | 5.81     | 2,089.97 | 143,337.61 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 8     | 0.03     | 2,618.83 | 137,225.41 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 9     | 0.51     | 2,362.92 | 142,664.37 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 10    | 61.04    | 1,064.55 | 139,666.54 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 11    | 392.21   | 242.34   | 138,763.39 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2015 | 12    | 1,190.03 | 34.08    | 151,527.64 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 1     | 1,991.09 | 4.88     | 155,422.06 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 2     | 2,064.98 | 0.82     | 139,757.62 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 3     | 1,649.44 | 10.38    | 137,655.00 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 4     | 963.46   | 89.50    | 142,007.82 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 5     | 333.86   | 295.41   | 140,204.74 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 6     | 67.52    | 949.47   | 146,257.17 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 7     | 5.72     | 2,074.34 | 144,487.01 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 8     | 0.03     | 2,599.26 | 138,326.47 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 9     | 0.51     | 2,345.25 | 143,808.58 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 10    | 60.10    | 1,056.58 | 140,785.17 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 11    | 386.14   | 240.52   | 139,871.99 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2016 | 12    | 1,171.59 | 33.83    | 152,734.35 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |

| Year | Month | Sales    | XHeat    | XCool      | XOther | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Dizon |
|------|-------|----------|----------|------------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 2017 | 1     | 1,964.71 | 4.84     | 156,649.25 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 2     | 2,037.10 | 0.81     | 140,825.09 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 3     | 1,626.74 | 10.30    | 138,669.92 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 4     | 949.96   | 88.75    | 143,018.85 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 5     | 329.10   | 292.85   | 141,168.30 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 6     | 66.54    | 941.01   | 147,226.65 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 7     | 5.64     | 2,055.38 | 145,410.38 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 8     | 0.03     | 2,574.90 | 139,177.92 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 9     | 0.50     | 2,322.74 | 144,660.37 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 10    | 59.17    | 1,046.18 | 141,585.37 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 11    | 380.10   | 238.10   | 140,635.05 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00  |
| 2017 | 12    | 1,153.01 | 33.48    | 153,534.15 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 1     | 1,935.81 | 4.80     | 157,553.28 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 2     | 2,006.96 | 0.81     | 141,625.62 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 3     | 1,602.54 | 10.22    | 139,446.35 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 4     | 935.75   | 88.02    | 143,808.18 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 5     | 324.15   | 290.43   | 141,936.55 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 6     | 65.54    | 933.19   | 148,017.10 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 7     | 5.55     | 2,038.14 | 146,180.83 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 8     | 0.03     | 2,553.13 | 139,906.13 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 9     | 0.49     | 2,302.95 | 145,407.47 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 10    | 58.26    | 1,037.21 | 142,307.58 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 11    | 374.24   | 236.05   | 141,344.24 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00  |
| 2018 | 12    | 1,135.16 | 33.19    | 154,299.64 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 1     | 1,914.56 | 4.76     | 158,289.73 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 2     | 1,985.12 | 0.80     | 142,301.31 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 3     | 1,585.26 | 10.13    | 140,125.94 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 4     | 925.76   | 87.26    | 144,523.08 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 5     | 320.72   | 287.96   | 142,655.98 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 6     | 64.85    | 925.34   | 148,782.34 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 7     | 5.49     | 2,021.20 | 146,951.73 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 8     | 0.03     | 2,532.18 | 140,658.43 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 9     | 0.49     | 2,284.30 | 146,205.71 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2019 | 10    | 57.68    | 1,028.93 | 143,105.48 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00  |



| Year | Month | Sales    | XHeat    | XCool      | XOther | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | D05on | Sep07on | D12on |
|------|-------|----------|----------|------------|--------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2022 | 9     | 0.47     | 2,241.67 | 149,202.86 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2022 | 10    | 56.10    | 1,009.84 | 146,055.90 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2022 | 11    | 360.41   | 229.87   | 145,099.06 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2022 | 12    | 1,093.44 | 32.33    | 158,432.71 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 1     | 1,851.64 | 4.64     | 162,566.08 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 2     | 1,920.00 | 0.78     | 146,154.21 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 3     | 1,533.34 | 9.88     | 143,928.44 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 4     | 895.49   | 85.12    | 148,453.28 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 5     | 310.25   | 280.90   | 146,543.08 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 6     | 62.74    | 902.70   | 152,844.38 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 7     | 5.32     | 1,971.87 | 150,971.74 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 8     | 0.03     | 2,470.51 | 144,514.29 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 9     | 0.47     | 2,228.79 | 150,221.84 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 10    | 55.81    | 1,003.98 | 147,044.87 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 11    | 358.54   | 228.52   | 146,073.64 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2023 | 12    | 1,087.71 | 32.14    | 159,488.57 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 1     | 1,843.18 | 4.62     | 163,691.14 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 2     | 1,911.25 | 0.78     | 147,168.21 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 3     | 1,526.39 | 9.83     | 144,929.53 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 4     | 891.43   | 84.69    | 149,487.45 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 5     | 308.85   | 279.49   | 147,565.48 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 6     | 62.46    | 898.19   | 153,911.90 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 7     | 5.29     | 1,962.01 | 152,026.74 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 8     | 0.03     | 2,458.17 | 145,524.47 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 9     | 0.47     | 2,217.65 | 151,271.65 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 10    | 55.56    | 998.96   | 148,072.23 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 11    | 356.92   | 227.38   | 147,093.65 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2024 | 12    | 1,082.80 | 31.98    | 160,601.18 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 1     | 1,836.83 | 4.61     | 165,002.27 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 2     | 1,904.67 | 0.78     | 148,346.77 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 3     | 1,521.13 | 9.82     | 146,090.17 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 4     | 888.37   | 84.59    | 150,684.84 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 5     | 307.78   | 279.14   | 148,747.43 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 6     | 62.24    | 897.06   | 155,145.11 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00  | 1.00    | 1.00  |

| Year | Month | Sales  | XHeat      | XCool      | XOther | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | D05on | sepo7on | D12on |
|------|-------|--------|------------|------------|--------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2025 | 7     | 5.27   | 1,959.55   | 153,245.42 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 8     | 0.03   | 2,455.10   | 146,691.60 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 9     | 0.47   | 2,214.90   | 152,485.96 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 10    | 55.37  | 997.73     | 149,261.94 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 11    | 355.70 | 227.10     | 148,276.53 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2025 | 12    | 31.94  | 161,894.15 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 1     | 4.60   | 166,248.45 | 1.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 2     | 0.77   | 149,471.13 | 0.00       | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 3     | 9.78   | 147,201.50 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 4     | 84.27  | 151,834.60 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 5     | 278.10 | 149,885.98 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 6     | 893.74 | 156,336.20 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 7     | 5.26   | 1,952.35   | 154,425.33 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 8     | 0.03   | 2,446.13   | 147,824.42 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 9     | 0.46   | 2,206.86   | 153,667.03 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 10    | 55.20  | 994.13     | 150,421.65 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 11    | 226.29 | 149,431.88 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2026 | 12    | 31.82  | 163,159.30 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 1     | 4.59   | 167,501.63 | 1.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 2     | 0.77   | 150,599.45 | 0.00       | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 3     | 9.76   | 148,314.41 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 4     | 84.08  | 152,984.53 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 5     | 277.49 | 151,022.95 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 6     | 891.78 | 157,524.28 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 7     | 5.24   | 1,948.10   | 155,601.95 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 8     | 0.03   | 2,440.85   | 148,953.63 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 9     | 0.46   | 2,202.14   | 154,844.13 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 10    | 55.01  | 992.03     | 151,577.65 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 11    | 353.41 | 225.81     | 150,584.13 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2027 | 12    | 31.76  | 164,421.39 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 1     | 4.58   | 168,725.97 | 1.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 2     | 0.77   | 151,700.19 | 0.00       | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 3     | 9.74   | 149,398.24 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 4     | 83.91  | 154,102.19 | 0.00       | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |

| Year | Month | Sales    | XHeat    | XCool      | XOther | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | DO5on | Sep07on | D12on |
|------|-------|----------|----------|------------|--------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2028 | 5     | 304.74   | 276.91   | 152,125.63 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 6     | 61.63    | 889.92   | 158,673.74 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 7     | 5.22     | 1,944.01 | 156,735.68 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 8     | 0.03     | 2,435.70 | 150,037.45 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 9     | 0.46     | 2,197.47 | 155,968.69 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 10    | 54.83    | 989.91   | 152,676.33 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 11    | 352.26   | 225.33   | 151,673.30 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2028 | 12    | 1,068.69 | 31.69    | 165,607.98 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 1     | 1,812.39 | 4.58     | 169,980.73 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 2     | 1,879.33 | 0.77     | 152,823.74 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 3     | 1,500.91 | 9.75     | 150,500.03 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 4     | 876.56   | 84.03    | 155,234.36 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 5     | 303.70   | 277.29   | 153,239.47 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 6     | 61.41    | 891.13   | 159,831.38 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 7     | 5.20     | 1,946.62 | 157,875.78 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 8     | 0.03     | 2,438.91 | 151,125.32 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 9     | 0.46     | 2,200.32 | 157,096.67 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 10    | 54.63    | 991.18   | 153,777.31 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 11    | 351.00   | 225.61   | 152,764.13 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2029 | 12    | 1,064.87 | 31.73    | 166,796.08 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 1     | 1,805.76 | 4.58     | 171,172.88 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 2     | 1,872.43 | 0.77     | 153,892.93 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 3     | 1,495.37 | 9.75     | 151,550.32 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 4     | 873.31   | 84.04    | 156,314.96 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 5     | 302.56   | 277.33   | 154,303.39 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 6     | 61.18    | 891.21   | 160,938.08 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 7     | 5.18     | 1,946.75 | 158,965.38 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 8     | 0.02     | 2,439.02 | 152,164.86 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 9     | 0.46     | 2,200.36 | 158,173.03 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 10    | 54.42    | 991.17   | 154,826.54 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 11    | 349.64   | 225.60   | 153,802.10 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2030 | 12    | 1,060.71 | 31.73    | 167,924.19 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 1     | 1,802.00 | 4.58     | 172,223.41 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 2     | 1,868.46 | 0.77     | 154,832.12 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |



| Year | Month | Sales    | XHeat    | XCool      | XOther | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | D05on | Sep07on | D12on |
|------|-------|----------|----------|------------|--------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2031 | 3     | 1,492.14 | 9.74     | 152,469.57 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 4     | 871.40   | 83.93    | 157,257.33 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 5     | 301.89   | 276.98   | 155,227.96 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 6     | 61.05    | 890.06   | 161,896.56 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 7     | 5.17     | 1,944.16 | 159,906.29 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 8     | 0.02     | 2,435.69 | 153,060.08 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 9     | 0.46     | 2,197.28 | 159,097.95 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 10    | 54.29    | 989.74   | 155,726.26 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 11    | 348.79   | 225.27   | 154,690.24 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2031 | 12    | 1,058.08 | 31.68    | 168,887.99 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 1     | 1,796.68 | 4.57     | 173,026.51 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 2     | 1,862.90 | 0.77     | 155,549.48 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 3     | 1,487.66 | 9.71     | 153,171.73 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 4     | 868.75   | 83.69    | 157,976.73 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 5     | 300.96   | 276.16   | 155,933.38 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 6     | 60.86    | 887.39   | 162,626.75 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 7     | 5.16     | 1,938.27 | 160,622.51 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 8     | 0.02     | 2,428.23 | 153,740.22 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 9     | 0.46     | 2,190.47 | 159,799.28 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 10    | 54.12    | 986.64   | 156,407.05 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 11    | 347.65   | 224.56   | 155,360.97 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2032 | 12    | 1,054.58 | 31.58    | 169,614.57 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 1     | 1,788.64 | 4.55     | 173,651.99 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 2     | 1,854.48 | 0.76     | 156,105.79 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 3     | 1,480.88 | 9.67     | 153,713.66 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 4     | 864.76   | 83.34    | 158,530.13 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 5     | 299.57   | 275.00   | 156,474.38 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 6     | 60.57    | 883.64   | 163,186.01 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 7     | 5.13     | 1,930.02 | 161,170.19 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 8     | 0.02     | 2,417.83 | 154,260.28 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 9     | 0.45     | 2,181.04 | 160,336.12 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 10    | 53.86    | 982.37   | 156,928.99 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 11    | 345.99   | 223.58   | 155,876.49 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2033 | 12    | 1,049.53 | 31.44    | 170,174.43 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |

| Year | Month | Sales    | XHeat    | XCool      | XOther | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Dizon |
|------|-------|----------|----------|------------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 2034 | 1     | 1,779.74 | 4.52     | 174,119.36 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 2     | 1,845.22 | 0.76     | 156,522.66 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 3     | 1,473.46 | 9.61     | 154,120.80 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 4     | 860.41   | 82.83    | 158,947.22 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 5     | 298.06   | 273.31   | 156,884.11 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 6     | 60.27    | 878.21   | 163,611.54 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 7     | 5.11     | 1,918.15 | 161,588.86 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 8     | 0.02     | 2,402.94 | 154,660.00 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 9     | 0.45     | 2,167.60 | 160,750.40 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 10    | 53.59    | 976.31   | 157,333.09 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 11    | 344.23   | 222.20   | 156,277.29 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00  |
| 2034 | 12    | 1,044.18 | 31.24    | 170,611.61 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 1     | 1,770.50 | 4.49     | 174,511.95 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 2     | 1,835.64 | 0.76     | 156,875.14 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 3     | 1,465.80 | 9.56     | 154,467.49 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 4     | 855.94   | 82.35    | 159,304.56 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 5     | 296.51   | 271.72   | 157,236.53 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 6     | 59.95    | 873.11   | 163,978.15 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 7     | 5.08     | 1,907.00 | 161,949.97 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 8     | 0.02     | 2,388.94 | 155,004.18 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 9     | 0.45     | 2,154.95 | 161,106.62 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 10    | 53.31    | 970.60   | 157,679.86 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 11    | 342.42   | 220.90   | 156,619.45 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00  |
| 2035 | 12    | 1,038.68 | 31.06    | 170,982.44 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 1     | 1,762.37 | 4.47     | 175,105.21 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 2     | 1,827.15 | 0.75     | 157,403.85 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 3     | 1,458.98 | 9.51     | 154,983.13 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 4     | 851.93   | 81.96    | 159,831.09 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 5     | 295.11   | 270.43   | 157,751.17 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 6     | 59.67    | 868.93   | 164,509.65 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 7     | 5.05     | 1,897.80 | 162,469.26 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 8     | 0.02     | 2,377.34 | 155,495.95 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 9     | 0.45     | 2,144.40 | 161,611.81 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00  |
| 2036 | 10    | 53.04    | 965.81   | 158,168.16 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 1.00  |

|      |    |          |          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|----|----------|----------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2036 | 11 | 340.73   | 219.80   | 157,098.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 2036 | 12 | 1,033.51 | 30.90    | 171,498.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 1  | 1,753.57 | 4.45     | 175,640.68 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 2  | 1,817.98 | 0.75     | 157,880.51 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 3  | 1,451.60 | 9.46     | 155,447.69 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 4  | 847.59   | 81.54    | 160,304.95 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 5  | 293.60   | 269.04   | 158,213.31 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 6  | 59.36    | 864.41   | 164,984.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 7  | 5.03     | 1,887.84 | 162,930.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 8  | 0.02     | 2,364.74 | 155,929.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 9  | 0.44     | 2,132.92 | 162,053.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 10 | 52.76    | 960.58   | 158,591.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 11 | 338.88   | 218.60   | 157,508.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2037 | 12 | 1,027.83 | 30.73    | 171,935.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 1  | 1,743.83 | 4.42     | 176,089.44 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 2  | 1,807.78 | 0.74     | 158,275.64 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 3  | 1,443.39 | 9.41     | 155,828.50 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 4  | 842.75   | 81.07    | 160,689.41 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 5  | 291.91   | 267.48   | 158,584.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 6  | 59.02    | 859.35   | 165,364.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 7  | 5.00     | 1,876.73 | 163,299.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 8  | 0.02     | 2,350.74 | 156,276.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 9  | 0.44     | 2,120.23 | 162,409.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 10 | 52.45    | 954.84   | 158,935.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 11 | 336.86   | 217.28   | 157,846.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2038 | 12 | 1,021.69 | 30.55    | 172,301.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2039 | 1  | 1,733.40 | 4.40     | 176,475.23 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2039 | 2  | 1,796.98 | 0.74     | 158,622.77 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2039 | 3  | 1,434.77 | 9.35     | 156,171.02 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2039 | 4  | 837.72   | 80.58    | 161,043.63 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2039 | 5  | 290.17   | 265.87   | 158,935.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2039 | 6  | 58.66    | 854.21   | 165,731.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2039 | 7  | 4.97     | 1,865.50 | 163,663.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 2039 | 8  | 0.02     | 2,336.70 | 156,625.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |

| Year | Month | Sales    | Xheat    | Xcool      | XOther | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | DOson | Sep07on | D12on |
|------|-------|----------|----------|------------|--------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2039 | 9     | 0.44     | 2,107.57 | 162,773.51 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2039 | 10    | 52.14    | 949.15   | 159,292.12 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2039 | 11    | 334.86   | 215.99   | 158,201.83 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2039 | 12    | 1,015.63 | 30.37    | 172,688.61 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 1     | 1,723.14 | 4.37     | 176,883.62 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 2     | 1,786.34 | 0.74     | 158,989.97 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 3     | 1,426.27 | 9.30     | 156,531.94 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 4     | 832.75   | 80.10    | 161,413.75 | 0.00   | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 5     | 288.44   | 264.28   | 159,297.26 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 6     | 58.31    | 849.06   | 166,104.32 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 7     | 4.94     | 1,854.20 | 164,025.72 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 8     | 0.02     | 2,322.44 | 156,966.23 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 9     | 0.44     | 2,094.61 | 163,119.01 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 10    | 51.81    | 943.26   | 159,622.60 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 11    | 332.78   | 214.64   | 158,521.60 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2040 | 12    | 1,009.27 | 30.17    | 173,028.78 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 1     | 1,712.24 | 4.34     | 177,231.32 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 2     | 1,774.93 | 0.73     | 159,293.11 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 3     | 1,417.08 | 9.24     | 156,822.02 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 4     | 827.35   | 79.58    | 161,705.13 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 5     | 286.56   | 262.54   | 159,579.36 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 6     | 57.93    | 843.47   | 166,394.57 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 7     | 4.91     | 1,841.98 | 164,310.79 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 8     | 0.02     | 2,307.14 | 157,239.75 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 9     | 0.43     | 2,080.86 | 163,407.04 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 10    | 51.48    | 937.10   | 159,910.03 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 11    | 330.64   | 213.25   | 158,815.74 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2041 | 12    | 1,002.84 | 29.98    | 173,361.51 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 1     | 1,701.47 | 4.32     | 177,598.25 | 1.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 2     | 1,763.94 | 0.73     | 159,638.17 | 0.00   | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 3     | 1,408.47 | 9.18     | 157,178.96 | 0.00   | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 4     | 822.42   | 79.10    | 162,094.00 | 0.00   | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 5     | 284.89   | 261.01   | 159,985.57 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 6     | 57.60    | 838.67   | 166,844.37 | 0.00   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |

KPCo Cor Output Data

| Year | Month | Sales | XHeat  | XCool    | XOther     | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | D05on | Sep07on | D12on |
|------|-------|-------|--------|----------|------------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 2042 | 7     |       | 4.88   | 1,831.80 | 164,783.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 8     |       | 0.02   | 2,294.83 | 157,722.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 9     |       | 0.43   | 2,070.18 | 163,941.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 10    |       | 51.23  | 932.50   | 160,468.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 11    |       | 329.10 | 212.25   | 159,407.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00  | 1.00    | 1.00  |
| 2042 | 12    |       | 998.43 | 29.85    | 174,050.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00  | 1.00    | 1.00  |

## KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2000 | 1     | 0        | 0        |
| 2000 | 2     | 0        | 0        |
| 2000 | 3     | 0        | 0        |
| 2000 | 4     | 0        | 0        |
| 2000 | 5     | 0        | 0        |
| 2000 | 6     | 0        | 0        |
| 2000 | 7     | 0        | 0        |
| 2000 | 8     | 0        | 0        |
| 2000 | 9     | 0        | 0        |
| 2000 | 10    | 0        | 0        |
| 2000 | 11    | 0        | 0        |
| 2000 | 12    | 0        | 0        |
| 2001 | 1     | 0        | 0        |
| 2001 | 2     | 0        | 0        |
| 2001 | 3     | 0        | 0        |
| 2001 | 4     | 0        | 0        |
| 2001 | 5     | 0        | 0        |
| 2001 | 6     | 0        | 0        |
| 2001 | 7     | 0        | 0        |
| 2001 | 8     | 0        | 0        |
| 2001 | 9     | 0        | 0        |
| 2001 | 10    | 0        | 0        |
| 2001 | 11    | 0        | 0        |
| 2001 | 12    | 0        | 0        |
| 2002 | 1     | 0        | 0        |
| 2002 | 2     | 0        | 0        |
| 2002 | 3     | 0        | 0        |
| 2002 | 4     | 0        | 0        |
| 2002 | 5     | 0        | 0        |
| 2002 | 6     | 0        | 0        |
| 2002 | 7     | 0        | 0        |
| 2002 | 8     | 0        | 0        |
| 2002 | 9     | 0        | 0        |
| 2002 | 10    | 0        | 0        |

## KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2002 | 11    | 0        | 0        |
| 2002 | 12    | 0        | 0        |
| 2003 | 1     | 0        | 0        |
| 2003 | 2     | 0        | 0        |
| 2003 | 3     | 0        | 0        |
| 2003 | 4     | 0        | 0        |
| 2003 | 5     | 0        | 0        |
| 2003 | 6     | 0        | 0        |
| 2003 | 7     | 0        | 0        |
| 2003 | 8     | 0        | 0        |
| 2003 | 9     | 0        | 0        |
| 2003 | 10    | 0        | 0        |
| 2003 | 11    | 0        | 0        |
| 2003 | 12    | 0        | 0        |
| 2004 | 1     | 0        | 0        |
| 2004 | 2     | 0        | 0        |
| 2004 | 3     | 0        | 0        |
| 2004 | 4     | 0        | 0        |
| 2004 | 5     | 0        | 0        |
| 2004 | 6     | 0        | 0        |
| 2004 | 7     | 0        | 0        |
| 2004 | 8     | 0        | 0        |
| 2004 | 9     | 0        | 0        |
| 2004 | 10    | 0        | 0        |
| 2004 | 11    | 0        | 0        |
| 2004 | 12    | 0        | 0        |
| 2005 | 1     | 0        | 0        |
| 2005 | 2     | 0        | 0        |
| 2005 | 3     | 0        | 0        |
| 2005 | 4     | 0        | 0        |
| 2005 | 5     | 0        | 0        |
| 2005 | 6     | 0        | 0        |
| 2005 | 7     | 0        | 0        |
| 2005 | 8     | 0        | 0        |

## KPCo Comput Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2005 | 9     | 0        | 0        |
| 2005 | 10    | 0        | 0        |
| 2005 | 11    | 0        | 0        |
| 2005 | 12    | 0        | 0        |
| 2006 | 1     | 0        | 0        |
| 2006 | 2     | 0        | 0        |
| 2006 | 3     | 0        | 0        |
| 2006 | 4     | 0        | 0        |
| 2006 | 5     | 0        | 0        |
| 2006 | 6     | 0        | 0        |
| 2006 | 7     | 0        | 0        |
| 2006 | 8     | 0        | 0        |
| 2006 | 9     | 0        | 0        |
| 2006 | 10    | 0        | 0        |
| 2006 | 11    | 0        | 0        |
| 2006 | 12    | 0        | 0        |
| 2007 | 1     | 0        | 0        |
| 2007 | 2     | 0        | 0        |
| 2007 | 3     | 0        | 0        |
| 2007 | 4     | 0        | 0        |
| 2007 | 5     | 0        | 0        |
| 2007 | 6     | 0        | 0        |
| 2007 | 7     | 0        | 0        |
| 2007 | 8     | 0        | 0        |
| 2007 | 9     | 0        | 0        |
| 2007 | 10    | 0        | 0        |
| 2007 | 11    | 0        | 0        |
| 2007 | 12    | 0        | 0        |
| 2008 | 1     | 0        | 0        |
| 2008 | 2     | 0        | 0        |
| 2008 | 3     | 0        | 0        |
| 2008 | 4     | 0        | 0        |
| 2008 | 5     | 0        | 0        |
| 2008 | 6     | 0        | 0        |



## KPCo Cor ut Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2008 | 7     | 0        | 0        |
| 2008 | 8     | 0        | 0        |
| 2008 | 9     | 0        | 0        |
| 2008 | 10    | 0        | 0        |
| 2008 | 11    | 0        | 0        |
| 2008 | 12    | 0        | 0        |
| 2009 | 1     | 0        | 0        |
| 2009 | 2     | 0        | 0        |
| 2009 | 3     | 0        | 0        |
| 2009 | 4     | 0        | 0        |
| 2009 | 5     | 0        | 0        |
| 2009 | 6     | 0        | 0        |
| 2009 | 7     | 0        | 0        |
| 2009 | 8     | 0        | 0        |
| 2009 | 9     | 0        | 0        |
| 2009 | 10    | 0        | 0        |
| 2009 | 11    | 0        | 0        |
| 2009 | 12    | 0        | 0        |
| 2010 | 1     | 0        | 0        |
| 2010 | 2     | 0        | 0        |
| 2010 | 3     | 0        | 0        |
| 2010 | 4     | 0        | 0        |
| 2010 | 5     | 0        | 0        |
| 2010 | 6     | 0        | 0        |
| 2010 | 7     | 0        | 0        |
| 2010 | 8     | 0        | 0        |
| 2010 | 9     | 0        | 0        |
| 2010 | 10    | 0        | 0        |
| 2010 | 11    | 0        | 0        |
| 2010 | 12    | 0        | 0        |
| 2011 | 1     | 0        | 0        |
| 2011 | 2     | 0        | 0        |
| 2011 | 3     | 0        | 0        |
| 2011 | 4     | 0        | 0        |

KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2011 | 5     | 0        | 0        |
| 2011 | 6     | 0        | 0        |
| 2011 | 7     | 0        | 0        |
| 2011 | 8     | 0        | 0        |
| 2011 | 9     | 0        | 0        |
| 2011 | 10    | 0        | 0        |
| 2011 | 11    | 0        | 0        |
| 2011 | 12    | 0        | 0        |
| 2012 | 1     | 0        | 0        |
| 2012 | 2     | 0        | 0        |
| 2012 | 3     | 0        | 0        |
| 2012 | 4     | 0        | 0        |
| 2012 | 5     | 0        | 0        |
| 2012 | 6     | 0        | 0        |
| 2012 | 7     | 0        | 0        |
| 2012 | 8     | 0        | 0        |
| 2012 | 9     | 0        | 0        |
| 2012 | 10    | 0        | 0        |
| 2012 | 11    | 0        | 0        |
| 2012 | 12    | 0        | 0        |
| 2013 | 1     | 0        | 0        |
| 2013 | 2     | 0        | 0        |
| 2013 | 3     | 0        | 1        |
| 2013 | 4     | 0        | 1        |
| 2013 | 5     | 0        | 1        |
| 2013 | 6     | 0        | 1        |
| 2013 | 7     | 0        | 1        |
| 2013 | 8     | 0        | 1        |
| 2013 | 9     | 0        | 1        |
| 2013 | 10    | 0        | 1        |
| 2013 | 11    | 0        | 1        |
| 2013 | 12    | 0        | 1        |
| 2014 | 1     | 0        | 1        |
| 2014 | 2     | 0        | 1        |

## KPCo Computed Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2014 | 3     | 0        | 1        |
| 2014 | 4     | 0        | 1        |
| 2014 | 5     | 0        | 1        |
| 2014 | 6     | 0        | 1        |
| 2014 | 7     | 0        | 1        |
| 2014 | 8     | 0        | 1        |
| 2014 | 9     | 0        | 1        |
| 2014 | 10    | 0        | 1        |
| 2014 | 11    | 0        | 1        |
| 2014 | 12    | 0        | 1        |
| 2015 | 1     | 0        | 1        |
| 2015 | 2     | 0        | 1        |
| 2015 | 3     | 0        | 1        |
| 2015 | 4     | 0        | 1        |
| 2015 | 5     | 0        | 1        |
| 2015 | 6     | 0        | 1        |
| 2015 | 7     | 0        | 1        |
| 2015 | 8     | 0        | 1        |
| 2015 | 9     | 0        | 1        |
| 2015 | 10    | 0        | 1        |
| 2015 | 11    | 0        | 1        |
| 2015 | 12    | 0        | 1        |
| 2016 | 1     | 0        | 1        |
| 2016 | 2     | 0        | 1        |
| 2016 | 3     | 0        | 1        |
| 2016 | 4     | 0        | 1        |
| 2016 | 5     | 0        | 1        |
| 2016 | 6     | 0        | 1        |
| 2016 | 7     | 0        | 1        |
| 2016 | 8     | 0        | 1        |
| 2016 | 9     | 0        | 1        |
| 2016 | 10    | 0        | 1        |
| 2016 | 11    | 0        | 1        |
| 2016 | 12    | 0        | 1        |

KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2017 | 1     | 0        | 1        |
| 2017 | 2     | 0        | 1        |
| 2017 | 3     | 0        | 1        |
| 2017 | 4     | 0        | 1        |
| 2017 | 5     | 0        | 1        |
| 2017 | 6     | 0        | 1        |
| 2017 | 7     | 0        | 1        |
| 2017 | 8     | 0        | 1        |
| 2017 | 9     | 0        | 1        |
| 2017 | 10    | 0        | 1        |
| 2017 | 11    | 0        | 1        |
| 2017 | 12    | 0        | 1        |
| 2018 | 1     | 0        | 1        |
| 2018 | 2     | 0        | 1        |
| 2018 | 3     | 0        | 1        |
| 2018 | 4     | 0        | 1        |
| 2018 | 5     | 0        | 1        |
| 2018 | 6     | 0        | 1        |
| 2018 | 7     | 0        | 1        |
| 2018 | 8     | 0        | 1        |
| 2018 | 9     | 0        | 1        |
| 2018 | 10    | 0        | 1        |
| 2018 | 11    | 0        | 1        |
| 2018 | 12    | 0        | 1        |
| 2019 | 1     | 0        | 1        |
| 2019 | 2     | 0        | 1        |
| 2019 | 3     | 0        | 1        |
| 2019 | 4     | 0        | 1        |
| 2019 | 5     | 0        | 1        |
| 2019 | 6     | 0        | 1        |
| 2019 | 7     | 0        | 1        |
| 2019 | 8     | 0        | 1        |
| 2019 | 9     | 0        | 1        |
| 2019 | 10    | 0        | 1        |

KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2019 | 11    | 0        | 1        |
| 2019 | 12    | 0        | 1        |
| 2020 | 1     | 0        | 1        |
| 2020 | 2     | 0        | 1        |
| 2020 | 3     | 0        | 1        |
| 2020 | 4     | 0        | 1        |
| 2020 | 5     | 0        | 1        |
| 2020 | 6     | 0        | 1        |
| 2020 | 7     | 0        | 1        |
| 2020 | 8     | 0        | 1        |
| 2020 | 9     | 0        | 1        |
| 2020 | 10    | 0        | 1        |
| 2020 | 11    | 0        | 1        |
| 2020 | 12    | 0        | 1        |
| 2021 | 1     | 0        | 1        |
| 2021 | 2     | 0        | 1        |
| 2021 | 3     | 0        | 1        |
| 2021 | 4     | 0        | 1        |
| 2021 | 5     | 0        | 1        |
| 2021 | 6     | 0        | 1        |
| 2021 | 7     | 0        | 1        |
| 2021 | 8     | 0        | 1        |
| 2021 | 9     | 0        | 1        |
| 2021 | 10    | 0        | 1        |
| 2021 | 11    | 0        | 1        |
| 2021 | 12    | 0        | 1        |
| 2022 | 1     | 0        | 1        |
| 2022 | 2     | 0        | 1        |
| 2022 | 3     | 0        | 1        |
| 2022 | 4     | 0        | 1        |
| 2022 | 5     | 0        | 1        |
| 2022 | 6     | 0        | 1        |
| 2022 | 7     | 0        | 1        |
| 2022 | 8     | 0        | 1        |

## KPCo Cor out Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2022 | 9     | 0        | 1        |
| 2022 | 10    | 0        | 1        |
| 2022 | 11    | 0        | 1        |
| 2022 | 12    | 0        | 1        |
| 2023 | 1     | 0        | 1        |
| 2023 | 2     | 0        | 1        |
| 2023 | 3     | 0        | 1        |
| 2023 | 4     | 0        | 1        |
| 2023 | 5     | 0        | 1        |
| 2023 | 6     | 0        | 1        |
| 2023 | 7     | 0        | 1        |
| 2023 | 8     | 0        | 1        |
| 2023 | 9     | 0        | 1        |
| 2023 | 10    | 0        | 1        |
| 2023 | 11    | 0        | 1        |
| 2023 | 12    | 0        | 1        |
| 2024 | 1     | 0        | 1        |
| 2024 | 2     | 0        | 1        |
| 2024 | 3     | 0        | 1        |
| 2024 | 4     | 0        | 1        |
| 2024 | 5     | 0        | 1        |
| 2024 | 6     | 0        | 1        |
| 2024 | 7     | 0        | 1        |
| 2024 | 8     | 0        | 1        |
| 2024 | 9     | 0        | 1        |
| 2024 | 10    | 0        | 1        |
| 2024 | 11    | 0        | 1        |
| 2024 | 12    | 0        | 1        |
| 2025 | 1     | 0        | 1        |
| 2025 | 2     | 0        | 1        |
| 2025 | 3     | 0        | 1        |
| 2025 | 4     | 0        | 1        |
| 2025 | 5     | 0        | 1        |
| 2025 | 6     | 0        | 1        |

KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2025 | 7     | 0        | 1        |
| 2025 | 8     | 0        | 1        |
| 2025 | 9     | 0        | 1        |
| 2025 | 10    | 0        | 1        |
| 2025 | 11    | 0        | 1        |
| 2025 | 12    | 0        | 1        |
| 2026 | 1     | 0        | 1        |
| 2026 | 2     | 0        | 1        |
| 2026 | 3     | 0        | 1        |
| 2026 | 4     | 0        | 1        |
| 2026 | 5     | 0        | 1        |
| 2026 | 6     | 0        | 1        |
| 2026 | 7     | 0        | 1        |
| 2026 | 8     | 0        | 1        |
| 2026 | 9     | 0        | 1        |
| 2026 | 10    | 0        | 1        |
| 2026 | 11    | 0        | 1        |
| 2026 | 12    | 0        | 1        |
| 2027 | 1     | 0        | 1        |
| 2027 | 2     | 0        | 1        |
| 2027 | 3     | 0        | 1        |
| 2027 | 4     | 0        | 1        |
| 2027 | 5     | 0        | 1        |
| 2027 | 6     | 0        | 1        |
| 2027 | 7     | 0        | 1        |
| 2027 | 8     | 0        | 1        |
| 2027 | 9     | 0        | 1        |
| 2027 | 10    | 0        | 1        |
| 2027 | 11    | 0        | 1        |
| 2027 | 12    | 0        | 1        |
| 2028 | 1     | 0        | 1        |
| 2028 | 2     | 0        | 1        |
| 2028 | 3     | 0        | 1        |
| 2028 | 4     | 0        | 1        |

KPCo Cor out Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2028 | 5     | 0        | 1        |
| 2028 | 6     | 0        | 1        |
| 2028 | 7     | 0        | 1        |
| 2028 | 8     | 0        | 1        |
| 2028 | 9     | 0        | 1        |
| 2028 | 10    | 0        | 1        |
| 2028 | 11    | 0        | 1        |
| 2028 | 12    | 0        | 1        |
| 2029 | 1     | 0        | 1        |
| 2029 | 2     | 0        | 1        |
| 2029 | 3     | 0        | 1        |
| 2029 | 4     | 0        | 1        |
| 2029 | 5     | 0        | 1        |
| 2029 | 6     | 0        | 1        |
| 2029 | 7     | 0        | 1        |
| 2029 | 8     | 0        | 1        |
| 2029 | 9     | 0        | 1        |
| 2029 | 10    | 0        | 1        |
| 2029 | 11    | 0        | 1        |
| 2029 | 12    | 0        | 1        |
| 2030 | 1     | 0        | 1        |
| 2030 | 2     | 0        | 1        |
| 2030 | 3     | 0        | 1        |
| 2030 | 4     | 0        | 1        |
| 2030 | 5     | 0        | 1        |
| 2030 | 6     | 0        | 1        |
| 2030 | 7     | 0        | 1        |
| 2030 | 8     | 0        | 1        |
| 2030 | 9     | 0        | 1        |
| 2030 | 10    | 0        | 1        |
| 2030 | 11    | 0        | 1        |
| 2030 | 12    | 0        | 1        |
| 2031 | 1     | 0        | 1        |
| 2031 | 2     | 0        | 1        |



KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2031 | 3     | 0        | 1        |
| 2031 | 4     | 0        | 1        |
| 2031 | 5     | 0        | 1        |
| 2031 | 6     | 0        | 1        |
| 2031 | 7     | 0        | 1        |
| 2031 | 8     | 0        | 1        |
| 2031 | 9     | 0        | 1        |
| 2031 | 10    | 0        | 1        |
| 2031 | 11    | 0        | 1        |
| 2031 | 12    | 0        | 1        |
| 2032 | 1     | 0        | 1        |
| 2032 | 2     | 0        | 1        |
| 2032 | 3     | 0        | 1        |
| 2032 | 4     | 0        | 1        |
| 2032 | 5     | 0        | 1        |
| 2032 | 6     | 0        | 1        |
| 2032 | 7     | 0        | 1        |
| 2032 | 8     | 0        | 1        |
| 2032 | 9     | 0        | 1        |
| 2032 | 10    | 0        | 1        |
| 2032 | 11    | 0        | 1        |
| 2032 | 12    | 0        | 1        |
| 2033 | 1     | 0        | 1        |
| 2033 | 2     | 0        | 1        |
| 2033 | 3     | 0        | 1        |
| 2033 | 4     | 0        | 1        |
| 2033 | 5     | 0        | 1        |
| 2033 | 6     | 0        | 1        |
| 2033 | 7     | 0        | 1        |
| 2033 | 8     | 0        | 1        |
| 2033 | 9     | 0        | 1        |
| 2033 | 10    | 0        | 1        |
| 2033 | 11    | 0        | 1        |
| 2033 | 12    | 0        | 1        |

KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2034 | 1     | 0        | 1        |
| 2034 | 2     | 0        | 1        |
| 2034 | 3     | 0        | 1        |
| 2034 | 4     | 0        | 1        |
| 2034 | 5     | 0        | 1        |
| 2034 | 6     | 0        | 1        |
| 2034 | 7     | 0        | 1        |
| 2034 | 8     | 0        | 1        |
| 2034 | 9     | 0        | 1        |
| 2034 | 10    | 0        | 1        |
| 2034 | 11    | 0        | 1        |
| 2034 | 12    | 0        | 1        |
| 2035 | 1     | 0        | 1        |
| 2035 | 2     | 0        | 1        |
| 2035 | 3     | 0        | 1        |
| 2035 | 4     | 0        | 1        |
| 2035 | 5     | 0        | 1        |
| 2035 | 6     | 0        | 1        |
| 2035 | 7     | 0        | 1        |
| 2035 | 8     | 0        | 1        |
| 2035 | 9     | 0        | 1        |
| 2035 | 10    | 0        | 1        |
| 2035 | 11    | 0        | 1        |
| 2035 | 12    | 0        | 1        |
| 2036 | 1     | 0        | 1        |
| 2036 | 2     | 0        | 1        |
| 2036 | 3     | 0        | 1        |
| 2036 | 4     | 0        | 1        |
| 2036 | 5     | 0        | 1        |
| 2036 | 6     | 0        | 1        |
| 2036 | 7     | 0        | 1        |
| 2036 | 8     | 0        | 1        |
| 2036 | 9     | 0        | 1        |
| 2036 | 10    | 0        | 1        |

## KPCo Comput Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2036 | 11    | 0        | 1        |
| 2036 | 12    | 0        | 1        |
| 2037 | 1     | 0        | 1        |
| 2037 | 2     | 0        | 1        |
| 2037 | 3     | 0        | 1        |
| 2037 | 4     | 0        | 1        |
| 2037 | 5     | 0        | 1        |
| 2037 | 6     | 0        | 1        |
| 2037 | 7     | 0        | 1        |
| 2037 | 8     | 0        | 1        |
| 2037 | 9     | 0        | 1        |
| 2037 | 10    | 0        | 1        |
| 2037 | 11    | 0        | 1        |
| 2037 | 12    | 0        | 1        |
| 2038 | 1     | 0        | 1        |
| 2038 | 2     | 0        | 1        |
| 2038 | 3     | 0        | 1        |
| 2038 | 4     | 0        | 1        |
| 2038 | 5     | 0        | 1        |
| 2038 | 6     | 0        | 1        |
| 2038 | 7     | 0        | 1        |
| 2038 | 8     | 0        | 1        |
| 2038 | 9     | 0        | 1        |
| 2038 | 10    | 0        | 1        |
| 2038 | 11    | 0        | 1        |
| 2038 | 12    | 0        | 1        |
| 2039 | 1     | 0        | 1        |
| 2039 | 2     | 0        | 1        |
| 2039 | 3     | 0        | 1        |
| 2039 | 4     | 0        | 1        |
| 2039 | 5     | 0        | 1        |
| 2039 | 6     | 0        | 1        |
| 2039 | 7     | 0        | 1        |
| 2039 | 8     | 0        | 1        |

## KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2039 | 9     | 0        | 1        |
| 2039 | 10    | 0        | 1        |
| 2039 | 11    | 0        | 1        |
| 2039 | 12    | 0        | 1        |
| 2040 | 1     | 0        | 1        |
| 2040 | 2     | 0        | 1        |
| 2040 | 3     | 0        | 1        |
| 2040 | 4     | 0        | 1        |
| 2040 | 5     | 0        | 1        |
| 2040 | 6     | 0        | 1        |
| 2040 | 7     | 0        | 1        |
| 2040 | 8     | 0        | 1        |
| 2040 | 9     | 0        | 1        |
| 2040 | 10    | 0        | 1        |
| 2040 | 11    | 0        | 1        |
| 2040 | 12    | 0        | 1        |
| 2041 | 1     | 0        | 1        |
| 2041 | 2     | 0        | 1        |
| 2041 | 3     | 0        | 1        |
| 2041 | 4     | 0        | 1        |
| 2041 | 5     | 0        | 1        |
| 2041 | 6     | 0        | 1        |
| 2041 | 7     | 0        | 1        |
| 2041 | 8     | 0        | 1        |
| 2041 | 9     | 0        | 1        |
| 2041 | 10    | 0        | 1        |
| 2041 | 11    | 0        | 1        |
| 2041 | 12    | 0        | 1        |
| 2042 | 1     | 0        | 1        |
| 2042 | 2     | 0        | 1        |
| 2042 | 3     | 0        | 1        |
| 2042 | 4     | 0        | 1        |
| 2042 | 5     | 0        | 1        |
| 2042 | 6     | 0        | 1        |

KPCo Corrupt Data

| Year | Month | XMissing | YMissing |
|------|-------|----------|----------|
| 2042 | 7     | 0        | 1        |
| 2042 | 8     | 0        | 1        |
| 2042 | 9     | 0        | 1        |
| 2042 | 10    | 0        | 1        |
| 2042 | 11    | 0        | 1        |
| 2042 | 12    | 0        | 1        |

## KPCo Com M Coefficients

| Variable              | Coefficient | StdErr    | T-Stat | P-Value | Definition                        |
|-----------------------|-------------|-----------|--------|---------|-----------------------------------|
| CONST                 | -10045.273  | 16607.558 | -0.605 | 54.63%  | Constant term                     |
| CommercialVars.XHeat  | 9.000       | 0.949     | 9.480  | 0.00%   | Commercial Heating Component      |
| CommercialVars.XCool  | 5.929       | 0.781     | 7.593  | 0.00%   | Commercial Cooling Component      |
| CommercialVars.XOther | 0.694       | 0.103     | 6.726  | 0.00%   | Commercial Non-HVAC Component     |
| BinaryVars.Jan        | 2554.953    | 1448.138  | 1.764  | 7.99%   | January                           |
| BinaryVars.Feb        | 3447.317    | 1997.782  | 1.726  | 8.66%   | February                          |
| BinaryVars.Mar        | -1150.523   | 1990.424  | -0.578 | 56.42%  | March                             |
| BinaryVars.Apr        | -5443.286   | 1617.967  | -3.364 | 0.10%   | April                             |
| BinaryVars.May        | -2066.205   | 2046.674  | -1.010 | 31.44%  | May                               |
| BinaryVars.Jun        | 2085.288    | 2064.016  | 1.010  | 31.41%  | June                              |
| BinaryVars.Jul        | 4518.506    | 2709.830  | 1.667  | 9.77%   | July                              |
| BinaryVars.Aug        | 6502.304    | 3350.242  | 1.941  | 5.43%   | August                            |
| BinaryVars.Sep        | 5643.746    | 2963.330  | 1.905  | 5.89%   | September                         |
| BinaryVars.Oct        | -437.312    | 2391.511  | -0.183 | 85.52%  | October                           |
| BinaryVars.Nov        | -2711.149   | 2026.018  | -1.338 | 18.30%  | November                          |
| BinaryVars.D05on      | 9567.551    | 648.918   | 14.744 | 0.00%   | Binary Variable 2005 On           |
| BinaryVars.Sep07on    | 5979.181    | 855.571   | 6.989  | 0.00%   | Binary Variable September 2007 On |
| BinaryVars.D12on      | -2415.346   | 1007.058  | -2.398 | 1.78%   | Binary Variable 2007 On           |

## Model Statistics

|                           |                   |
|---------------------------|-------------------|
| Iterations                | 1                 |
| Adjusted Observations     | 158               |
| Deg. of Freedom for Error | 140               |
| R-Squared                 | 0.944             |
| Adjusted R-Squared        | 0.938             |
| AIC                       | 16.039            |
| BIC                       | 16.388            |
| F-Statistic               | 139.722           |
| Prob (F-Statistic)        | 0.0000            |
| Log-Likelihood            | -1,473.30         |
| Model Sum of Squares      | 19,727,226,875.57 |
| Sum of Squared Errors     | 1,162,731,611.00  |
| Mean Squared Error        | 8,305,225.79      |
| Std. Error of Regression  | 2,881.88          |
| Mean Abs. Dev. (MAD)      | 2,009.14          |
| Mean Abs. % Err. (MAPE)   | 1.75%             |
| Durbin-Watson Statistic   | 0.973             |
| Durbin-H Statistic        | #NA               |
| Ljung-Box Statistic       | 114.72            |
| Prob (Ljung-Box)          | 0.0000            |
| Skewness                  | 0.404             |
| Kurtosis                  | 4.118             |
| Jarque-Bera               | 12.533            |
| Prob (Jarque-Bera)        | 0.0019            |

## Forecast Statistics

|                                |        |
|--------------------------------|--------|
| Forecast Observations          | 0      |
| Mean Abs. Dev. (MAD)           | 0.00   |
| Mean Abs. % Err. (MAPE)        | 0.00%  |
| Avg. Forecast Error            | 0.00   |
| Mean % Error                   | 0.00%  |
| Root Mean-Square Error         | 0.00   |
| Theil's Inequality Coefficient | 0.0000 |
| -- Bias Proportion             | 0.00%  |
| -- Variance Proportion         | 0.00%  |
| -- Covariance Proportion       | 0.00%  |

KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2000 | 1     | 124,461.687 | -10,045.273 | 21,056.272 | 0.000      | 110,895.734 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2000 | 2     | 119,855.975 | -10,045.273 | 26,571.664 | 0.000      | 99,882.267  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2000 | 3     | 101,976.883 | -10,045.273 | 15,050.673 | 86.797     | 98,035.209  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2000 | 4     | 93,041.644  | -10,045.273 | 7,387.156  | 237.275    | 100,905.772 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2000 | 5     | 93,067.283  | -10,045.273 | 3,214.673  | 2,305.476  | 99,658.611  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2000 | 6     | 104,756.585 | -10,045.273 | 599.108    | 7,354.458  | 104,763.003 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2000 | 7     | 111,566.242 | -10,045.273 | 1.338      | 13,947.027 | 103,144.644 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2000 | 8     | 108,281.734 | -10,045.273 | 0.000      | 13,593.162 | 98,231.540  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2000 | 9     | 110,736.112 | -10,045.273 | 19.983     | 12,382.966 | 102,734.689 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2000 | 10    | 97,250.367  | -10,045.273 | 1,088.599  | 5,957.363  | 100,686.990 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2000 | 11    | 92,627.055  | -10,045.273 | 4,041.993  | 1,421.632  | 99,919.851  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2000 | 12    | 118,513.071 | -10,045.273 | 19,146.965 | 152.382    | 109,258.995 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2001 | 1     | 136,486.611 | -10,045.273 | 32,338.001 | 0.000      | 111,638.930 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2001 | 2     | 120,453.694 | -10,045.273 | 26,393.387 | 0.000      | 100,658.263 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2001 | 3     | 106,430.753 | -10,045.273 | 18,731.728 | 0.000      | 98,894.821  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2001 | 4     | 101,348.194 | -10,045.273 | 13,324.219 | 1,670.478  | 101,842.056 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2001 | 5     | 97,092.641  | -10,045.273 | 4,313.465  | 4,231.981  | 100,658.673 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2001 | 6     | 103,993.104 | -10,045.273 | 561.027    | 5,452.504  | 105,939.558 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2001 | 7     | 110,469.341 | -10,045.273 | 27.708     | 11,573.321 | 104,395.078 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2001 | 8     | 113,298.067 | -10,045.273 | 0.000      | 17,402.559 | 99,438.476  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2001 | 9     | 116,076.939 | -10,045.273 | 3.944      | 16,458.089 | 104,016.433 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2001 | 10    | 98,792.084  | -10,045.273 | 804.320    | 6,526.985  | 101,943.364 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2001 | 11    | 94,188.714  | -10,045.273 | 4,110.766  | 1,724.373  | 101,109.997 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2001 | 12    | 107,739.036 | -10,045.273 | 6,866.003  | 323.603    | 110,594.703 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2002 | 1     | 125,806.306 | -10,045.273 | 20,183.705 | 9.443      | 113,103.477 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2002 | 2     | 114,492.749 | -10,045.273 | 19,163.324 | 0.000      | 101,927.380 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2002 | 3     | 105,363.203 | -10,045.273 | 16,393.180 | 50.155     | 100,115.664 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2002 | 4     | 99,091.430  | -10,045.273 | 10,671.169 | 804.903    | 103,103.917 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2002 | 5     | 96,163.731  | -10,045.273 | 3,895.794  | 2,477.317  | 101,902.097 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2002 | 6     | 107,831.513 | -10,045.273 | 1,653.659  | 6,906.410  | 107,231.428 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2002 | 7     | 116,291.893 | -10,045.273 | 343.848    | 15,850.703 | 105,624.109 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2002 | 8     | 118,210.997 | -10,045.273 | 0.000      | 21,130.256 | 100,623.710 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2002 | 9     | 122,111.623 | -10,045.273 | 0.000      | 21,291.448 | 105,221.701 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2002 | 10    | 104,167.420 | -10,045.273 | 378.252    | 11,185.000 | 103,086.753 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |



KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2002 | 11    | 96,946.966  | -10,045.273 | 4,741.620  | 2,635.714  | 102,326.054 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2002 | 12    | 118,913.022 | -10,045.273 | 16,765.597 | 307.759    | 111,884.938 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2003 | 1     | 129,632.626 | -10,045.273 | 23,036.336 | 29.393     | 114,057.216 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2003 | 2     | 124,231.239 | -10,045.273 | 28,063.468 | 0.000      | 102,765.727 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2003 | 3     | 112,142.500 | -10,045.273 | 22,429.616 | 0.000      | 100,908.680 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2003 | 4     | 98,310.672  | -10,045.273 | 9,237.988  | 676.932    | 103,884.310 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2003 | 5     | 94,646.011  | -10,045.273 | 2,218.861  | 1,889.502  | 102,649.125 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2003 | 6     | 103,300.504 | -10,045.273 | 306.160    | 2,968.196  | 107,986.132 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2003 | 7     | 112,444.528 | -10,045.273 | 0.000      | 10,752.288 | 107,219.006 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2003 | 8     | 111,503.208 | -10,045.273 | 0.000      | 14,290.524 | 100,755.652 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2003 | 9     | 115,981.739 | -10,045.273 | 0.000      | 15,048.991 | 105,334.275 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2003 | 10    | 99,953.045  | -10,045.273 | 1,032.551  | 5,284.413  | 104,118.666 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2003 | 11    | 93,401.854  | -10,045.273 | 3,140.480  | 898.054    | 102,119.743 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2003 | 12    | 113,774.273 | -10,045.273 | 11,791.243 | 182.203    | 111,846.100 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2004 | 1     | 128,726.402 | -10,045.273 | 21,186.139 | 53.524     | 114,977.058 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2004 | 2     | 121,388.147 | -10,045.273 | 25,401.916 | 22.468     | 102,561.719 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2004 | 3     | 108,749.733 | -10,045.273 | 18,268.590 | 103.840    | 101,573.098 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2004 | 4     | 102,151.263 | -10,045.273 | 10,759.302 | 615.448    | 106,265.071 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2004 | 5     | 97,935.683  | -10,045.273 | 3,775.878  | 3,311.401  | 102,959.881 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2004 | 6     | 111,260.918 | -10,045.273 | 681.852    | 10,121.818 | 108,417.232 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2004 | 7     | 114,889.192 | -10,045.273 | 38.298     | 14,238.351 | 106,139.310 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2004 | 8     | 112,667.413 | -10,045.273 | 0.000      | 14,314.577 | 101,895.804 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2004 | 9     | 112,956.634 | -10,045.273 | 0.000      | 13,232.570 | 104,125.591 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2004 | 10    | 100,072.647 | -10,045.273 | 276.001    | 6,051.699  | 104,227.532 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2004 | 11    | 91,979.460  | -10,045.273 | 1,820.963  | 1,479.570  | 101,435.349 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2004 | 12    | 112,740.897 | -10,045.273 | 9,536.182  | 295.392    | 112,954.596 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2005 | 1     | 132,987.073 | -10,045.273 | 17,708.554 | 29.680     | 113,171.608 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2005 | 2     | 126,230.620 | -10,045.273 | 20,587.643 | 0.000      | 102,673.382 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2005 | 3     | 119,405.217 | -10,045.273 | 19,002.671 | 0.000      | 102,030.792 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2005 | 4     | 111,020.967 | -10,045.273 | 11,268.541 | 255.965    | 105,417.468 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2005 | 5     | 103,302.047 | -10,045.273 | 3,910.293  | 984.138    | 100,951.542 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2005 | 6     | 116,224.583 | -10,045.273 | 910.186    | 5,943.884  | 107,762.945 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2005 | 7     | 126,708.100 | -10,045.273 | 85.908     | 17,448.713 | 105,132.694 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2005 | 8     | 131,980.669 | -10,045.273 | 0.000      | 24,303.250 | 101,652.838 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |



KPCo Com Fuel Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2008 | 7     | 123,309.623 | -10,045.273 | 31.010     | 11,145.113 | 102,113.535 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2008 | 8     | 126,815.410 | -10,045.273 | 0.000      | 14,563.074 | 100,248.573 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2008 | 9     | 127,793.132 | -10,045.273 | 0.000      | 14,651.657 | 101,996.269 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2008 | 10    | 111,434.085 | -10,045.273 | 217.612    | 7,531.529  | 98,620.796  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2008 | 11    | 107,559.436 | -10,045.273 | 4,349.511  | 1,617.413  | 98,802.202  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2008 | 12    | 129,399.865 | -10,045.273 | 16,637.646 | 94.886     | 107,165.873 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2009 | 1     | 140,480.952 | -10,045.273 | 21,993.710 | 0.000      | 110,430.829 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2009 | 2     | 130,964.750 | -10,045.273 | 23,321.375 | 0.000      | 98,694.598  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2009 | 3     | 117,438.824 | -10,045.273 | 17,350.904 | 159.877    | 95,577.106  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2009 | 4     | 108,711.330 | -10,045.273 | 8,601.253  | 182.623    | 99,869.281  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2009 | 5     | 107,656.045 | -10,045.273 | 2,709.445  | 2,454.379  | 99,056.967  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2009 | 6     | 114,376.250 | -10,045.273 | 516.716    | 5,742.474  | 100,530.313 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2009 | 7     | 120,291.498 | -10,045.273 | 38.643     | 10,098.402 | 100,134.487 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2009 | 8     | 121,068.959 | -10,045.273 | 0.000      | 11,278.033 | 97,787.162  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2009 | 9     | 121,199.663 | -10,045.273 | 0.000      | 11,120.373 | 98,934.084  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2009 | 10    | 110,123.214 | -10,045.273 | 824.110    | 5,672.885  | 98,562.073  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2009 | 11    | 104,129.864 | -10,045.273 | 3,491.715  | 1,078.927  | 96,768.912  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2009 | 12    | 123,509.680 | -10,045.273 | 10,576.879 | 52.330     | 107,379.012 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2010 | 1     | 139,179.996 | -10,045.273 | 22,674.111 | 2.828      | 108,446.644 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2010 | 2     | 127,756.954 | -10,045.273 | 22,993.886 | 0.000      | 95,814.292  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2010 | 3     | 120,625.748 | -10,045.273 | 19,979.098 | 0.000      | 96,295.713  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2010 | 4     | 110,794.754 | -10,045.273 | 8,460.850  | 979.300    | 101,296.431 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2010 | 5     | 103,836.173 | -10,045.273 | 1,970.213  | 1,778.905  | 96,651.800  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2010 | 6     | 117,383.643 | -10,045.273 | 448.244    | 8,009.678  | 101,338.973 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2010 | 7     | 125,987.845 | -10,045.273 | 48.284     | 15,799.298 | 100,120.297 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2010 | 8     | 128,959.387 | -10,045.273 | 0.000      | 19,470.587 | 97,485.036  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2010 | 9     | 126,459.203 | -10,045.273 | 0.000      | 16,041.324 | 99,272.673  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2010 | 10    | 110,445.749 | -10,045.273 | 277.713    | 7,589.961  | 97,513.928  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2010 | 11    | 103,452.168 | -10,045.273 | 3,006.410  | 1,700.400  | 95,955.047  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2010 | 12    | 126,348.692 | -10,045.273 | 14,243.305 | 141.120    | 106,462.808 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2011 | 1     | 140,436.357 | -10,045.273 | 25,415.651 | 0.000      | 106,964.293 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2011 | 2     | 127,841.673 | -10,045.273 | 23,377.290 | 0.000      | 95,515.607  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2011 | 3     | 114,516.617 | -10,045.273 | 14,602.746 | 59.741     | 95,503.194  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2011 | 4     | 105,653.893 | -10,045.273 | 8,750.384  | 600.393    | 96,244.942  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |

KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2011 | 5     | 107,491.595 | -10,045.273 | 3,123.026  | 1,990.554  | 98,942.760  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2011 | 6     | 114,159.968 | -10,045.273 | 749.683    | 7,277.222  | 98,546.314  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2011 | 7     | 121,579.169 | -10,045.273 | 123.042    | 12,691.236 | 98,744.926  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2011 | 8     | 125,549.168 | -10,045.273 | 0.000      | 18,294.975 | 95,250.430  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2011 | 9     | 123,111.262 | -10,045.273 | 4.044      | 14,263.527 | 97,698.486  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2011 | 10    | 106,726.572 | -10,045.273 | 703.639    | 4,620.592  | 96,338.195  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2011 | 11    | 101,956.728 | -10,045.273 | 3,692.798  | 565.532    | 94,908.088  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2011 | 12    | 118,122.442 | -10,045.273 | 8,217.780  | 74.008     | 104,329.195 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2012 | 1     | 124,908.115 | -10,045.273 | 14,370.469 | 20.079     | 104,876.500 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2012 | 2     | 117,653.833 | -10,045.273 | 15,147.809 | 0.000      | 95,972.594  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2012 | 3     | 108,081.399 | -10,045.273 | 11,815.105 | 322.174    | 94,008.530  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2012 | 4     | 100,142.999 | -10,045.273 | 4,504.458  | 1,488.622  | 96,507.091  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2012 | 5     | 101,805.162 | -10,045.273 | 1,764.928  | 2,464.823  | 96,555.503  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2012 | 6     | 110,841.262 | -10,045.273 | 408.668    | 6,734.111  | 98,527.081  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2012 | 7     | 122,813.022 | -10,045.273 | 2.058      | 15,717.762 | 99,488.583  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2012 | 8     | 120,432.740 | -10,045.273 | 0.000      | 16,997.016 | 93,847.306  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2012 | 9     | 120,936.991 | -10,045.273 | 14.650     | 13,817.433 | 98,375.048  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2012 | 10    | 103,381.694 | -10,045.273 | 941.290    | 5,178.855  | 94,612.748  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2012 | 11    | 102,060.412 | -10,045.273 | 5,224.143  | 1,011.593  | 95,449.712  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2012 | 12    | 116,564.615 | -10,045.273 | 10,411.088 | 101.196    | 102,966.217 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2013 | 1     | 126,669.929 | -10,045.273 | 16,381.565 | 0.000      | 104,647.297 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2013 | 2     | 119,392.519 | -10,045.273 | 18,313.016 | 0.000      | 94,546.072  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2013 | 3     | 110,721.865 | -10,045.273 | 15,324.638 | 62.568     | 93,399.068  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2013 | 4     | 103,504.598 | -10,045.273 | 9,034.265  | 543.645    | 96,283.860  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2013 | 5     | 100,954.343 | -10,045.273 | 3,128.904  | 1,793.435  | 95,012.096  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2013 | 6     | 110,629.779 | -10,045.273 | 632.515    | 5,761.436  | 99,064.425  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2013 | 7     | 118,128.691 | -10,045.273 | 53.604     | 12,589.239 | 97,881.228  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2013 | 8     | 119,081.915 | -10,045.273 | 0.258      | 15,776.499 | 93,716.740  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2013 | 9     | 120,367.146 | -10,045.273 | 4.740      | 14,230.557 | 97,401.988  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2013 | 10    | 104,961.226 | -10,045.273 | 562.851    | 6,410.120  | 95,339.454  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2013 | 11    | 100,190.990 | -10,045.273 | 3,617.136  | 1,459.508  | 94,739.381  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2013 | 12    | 117,744.731 | -10,045.273 | 10,977.272 | 205.315    | 103,476.031 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2014 | 1     | 130,158.999 | -10,045.273 | 18,436.876 | 29.340     | 106,051.716 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2014 | 2     | 121,053.964 | -10,045.273 | 19,126.304 | 4.936      | 95,389.294  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |

KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2014 | 3     | 111,207.656 | -10,045.273 | 15,274.391 | 62.448     | 93,935.227  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2014 | 4     | 104,038.379 | -10,045.273 | 8,924.472  | 538.402    | 96,932.678  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2014 | 5     | 101,640.037 | -10,045.273 | 3,093.977  | 1,777.919  | 95,748.232  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2014 | 6     | 111,455.877 | -10,045.273 | 626.135    | 5,717.806  | 99,940.535  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2014 | 7     | 118,921.452 | -10,045.273 | 53.074     | 12,496.484 | 98,767.275  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2014 | 8     | 119,823.853 | -10,045.273 | 0.255      | 15,661.658 | 94,573.523  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2014 | 9     | 121,198.772 | -10,045.273 | 4.696      | 14,132.597 | 98,331.619  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2014 | 10    | 105,832.545 | -10,045.273 | 557.618    | 6,366.659  | 96,259.466  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2014 | 11    | 101,074.884 | -10,045.273 | 3,583.980  | 1,449.803  | 95,666.137  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2014 | 12    | 118,667.876 | -10,045.273 | 10,877.864 | 203.972    | 104,499.926 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2015 | 1     | 130,974.385 | -10,045.273 | 18,205.149 | 29.154     | 107,099.015 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2015 | 2     | 121,716.006 | -10,045.273 | 18,879.430 | 4.903      | 96,298.242  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2015 | 3     | 111,920.440 | -10,045.273 | 15,079.329 | 62.039     | 94,843.482  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2015 | 4     | 104,823.115 | -10,045.273 | 8,807.625  | 534.703    | 97,837.960  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2015 | 5     | 102,428.700 | -10,045.273 | 3,051.878  | 1,764.787  | 96,592.127  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2015 | 6     | 112,220.084 | -10,045.273 | 617.235    | 5,672.080  | 100,759.367 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2015 | 7     | 119,586.898 | -10,045.273 | 52.299     | 12,391.780 | 99,538.198  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2015 | 8     | 120,409.856 | -10,045.273 | 0.251      | 15,527.497 | 95,293.690  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2015 | 9     | 121,815.321 | -10,045.273 | 4.626      | 14,010.159 | 99,070.675  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2015 | 10    | 106,498.938 | -10,045.273 | 549.357    | 6,311.889  | 96,988.891  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2015 | 11    | 101,703.375 | -10,045.273 | 3,529.807  | 1,436.893  | 96,361.711  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2015 | 12    | 119,223.790 | -10,045.273 | 10,709.969 | 202.091    | 105,225.616 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2016 | 1     | 131,519.336 | -10,045.273 | 17,919.314 | 28.928     | 107,930.027 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2016 | 2     | 122,174.720 | -10,045.273 | 18,584.289 | 4.865      | 97,052.135  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2016 | 3     | 112,433.703 | -10,045.273 | 14,844.531 | 61.567     | 95,592.015  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2016 | 4     | 105,459.125 | -10,045.273 | 8,670.889  | 530.662    | 98,614.747  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2016 | 5     | 103,138.665 | -10,045.273 | 3,004.609  | 1,751.514  | 97,362.633  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2016 | 6     | 112,974.286 | -10,045.273 | 607.690    | 5,629.559  | 101,565.634 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2016 | 7     | 120,291.583 | -10,045.273 | 51.492     | 12,299.093 | 100,336.379 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2016 | 8     | 121,058.401 | -10,045.273 | 0.248      | 15,411.431 | 96,058.305  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2016 | 9     | 122,505.052 | -10,045.273 | 4.555      | 13,905.387 | 99,865.251  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2016 | 10    | 107,219.984 | -10,045.273 | 540.866    | 6,264.617  | 97,765.699  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2016 | 11    | 102,407.807 | -10,045.273 | 3,475.179  | 1,426.103  | 97,131.561  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2016 | 12    | 119,894.225 | -10,045.273 | 10,543.952 | 200.568    | 106,063.592 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |

KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2017 | 1     | 132,133.859 | -10,045.273 | 17,681.861 | 28.706     | 108,782.224 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2017 | 2     | 122,665.014 | -10,045.273 | 18,333.334 | 4.827      | 97,793.423  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2017 | 3     | 112,933.680 | -10,045.273 | 14,640.223 | 61.064     | 96,296.803  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2017 | 4     | 106,035.257 | -10,045.273 | 8,549.399  | 526.192    | 99,316.838  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2017 | 5     | 103,749.785 | -10,045.273 | 2,961.784  | 1,736.335  | 98,031.757  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2017 | 6     | 113,588.575 | -10,045.273 | 598.884    | 5,579.422  | 102,238.867 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2017 | 7     | 120,819.624 | -10,045.273 | 50.733     | 12,186.676 | 100,977.596 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2017 | 8     | 121,505.235 | -10,045.273 | 0.244      | 15,266.995 | 96,649.578  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2017 | 9     | 122,962.992 | -10,045.273 | 4.485      | 13,771.886 | 100,456.761 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2017 | 10    | 107,705.712 | -10,045.273 | 532.528    | 6,202.998  | 98,321.385  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2017 | 11    | 102,869.001 | -10,045.273 | 3,420.825  | 1,411.755  | 97,661.456  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2017 | 12    | 120,280.397 | -10,045.273 | 10,376.780 | 198.507    | 106,618.996 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2018 | 1     | 132,501.350 | -10,045.273 | 17,421.791 | 28.479     | 109,410.013 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2018 | 2     | 122,949.683 | -10,045.273 | 18,062.129 | 4.788      | 98,349.336  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2018 | 3     | 113,254.571 | -10,045.273 | 14,422.425 | 60.570     | 96,835.986  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2018 | 4     | 106,451.241 | -10,045.273 | 8,421.542  | 521.894    | 99,864.978  | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2018 | 5     | 104,224.452 | -10,045.273 | 2,917.267  | 1,722.019  | 98,565.257  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2018 | 6     | 114,082.040 | -10,045.273 | 589.839    | 5,533.016  | 102,787.782 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2018 | 7     | 121,251.670 | -10,045.273 | 49.964     | 12,084.467 | 101,512.619 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2018 | 8     | 121,881.881 | -10,045.273 | 0.240      | 15,137.955 | 97,155.268  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2018 | 9     | 123,364.411 | -10,045.273 | 4.417      | 13,654.563 | 100,975.571 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2018 | 10    | 108,145.823 | -10,045.273 | 524.345    | 6,149.765  | 98,822.912  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2018 | 11    | 103,296.531 | -10,045.273 | 3,368.070  | 1,399.559  | 98,153.938  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2018 | 12    | 120,649.650 | -10,045.273 | 10,216.173 | 196.781    | 107,150.582 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2019 | 1     | 132,821.279 | -10,045.273 | 17,230.560 | 28.226     | 109,921.426 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2019 | 2     | 123,222.322 | -10,045.273 | 17,865.588 | 4.746      | 98,818.558  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2019 | 3     | 113,570.492 | -10,045.273 | 14,266.944 | 60.043     | 97,307.914  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2019 | 4     | 106,853.216 | -10,045.273 | 8,331.563  | 517.401    | 100,361.424 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2019 | 5     | 104,678.501 | -10,045.273 | 2,886.378  | 1,707.361  | 99,064.852  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2019 | 6     | 114,560.720 | -10,045.273 | 583.653    | 5,486.474  | 103,319.191 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2019 | 7     | 121,686.076 | -10,045.273 | 49.445     | 11,984.051 | 102,047.960 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2019 | 8     | 122,280.057 | -10,045.273 | 0.238      | 15,013.713 | 97,677.689  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2019 | 9     | 123,808.140 | -10,045.273 | 4.372      | 13,544.011 | 101,529.897 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2019 | 10    | 108,645.557 | -10,045.273 | 519.071    | 6,100.685  | 99,376.999  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |

KPCo Com Model Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2019 | 11    | 103,813.410 | -10,045.273 | 3,334.566  | 1,388.545  | 98,715.335  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2019 | 12    | 121,172.671 | -10,045.273 | 10,115.690 | 195.254    | 107,775.613 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2020 | 1     | 133,183.541 | -10,045.273 | 17,024.297 | 28.035     | 110,490.141 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2020 | 2     | 123,537.096 | -10,045.273 | 17,654.349 | 4.715      | 99,344.602  | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2020 | 3     | 113,936.514 | -10,045.273 | 14,100.408 | 59.656     | 97,840.859  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2020 | 4     | 107,318.048 | -10,045.273 | 8,235.493  | 514.144    | 100,925.584 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2020 | 5     | 105,205.736 | -10,045.273 | 2,853.490  | 1,696.846  | 99,635.491  | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2020 | 6     | 115,130.705 | -10,045.273 | 577.083    | 5,453.441  | 103,928.779 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2020 | 7     | 122,231.207 | -10,045.273 | 48.895     | 11,913.536 | 102,664.156 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2020 | 8     | 122,797.725 | -10,045.273 | 0.235      | 14,927.508 | 98,281.565  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2020 | 9     | 124,374.250 | -10,045.273 | 4.324      | 13,468.135 | 102,171.931 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2020 | 10    | 109,249.751 | -10,045.273 | 513.519    | 6,067.395  | 100,020.036 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2020 | 11    | 104,423.396 | -10,045.273 | 3,299.358  | 1,381.160  | 99,367.913  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2020 | 12    | 121,793.411 | -10,045.273 | 10,010.243 | 194.242    | 108,502.811 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2021 | 1     | 133,818.327 | -10,045.273 | 16,859.068 | 27.846     | 111,290.346 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2021 | 2     | 124,085.361 | -10,045.273 | 17,483.028 | 4.683      | 100,064.220 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2021 | 3     | 114,508.317 | -10,045.273 | 13,963.614 | 59.254     | 98,549.858  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2021 | 4     | 107,966.633 | -10,045.273 | 8,155.641  | 510.681    | 101,657.484 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2021 | 5     | 105,889.824 | -10,045.273 | 2,825.840  | 1,685.427  | 100,358.648 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2021 | 6     | 115,843.308 | -10,045.273 | 571.494    | 5,416.771  | 104,683.641 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2021 | 7     | 122,896.925 | -10,045.273 | 48.422     | 11,833.491 | 103,410.393 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2021 | 8     | 123,412.448 | -10,045.273 | 0.233      | 14,827.295 | 98,996.503  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2021 | 9     | 125,027.535 | -10,045.273 | 4.283      | 13,377.778 | 102,915.615 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2021 | 10    | 109,932.638 | -10,045.273 | 508.556    | 6,026.719  | 100,748.562 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2021 | 11    | 105,106.554 | -10,045.273 | 3,267.488  | 1,371.907  | 100,092.195 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2021 | 12    | 122,486.503 | -10,045.273 | 9,913.566  | 192.941    | 109,293.882 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2022 | 1     | 134,474.959 | -10,045.273 | 16,740.416 | 27.672     | 112,065.804 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2022 | 2     | 124,657.401 | -10,045.273 | 17,359.673 | 4.653      | 100,759.644 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2022 | 3     | 115,091.746 | -10,045.273 | 13,864.775 | 58.881     | 99,232.499  | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2022 | 4     | 108,607.527 | -10,045.273 | 8,097.743  | 507.451    | 102,359.505 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2022 | 5     | 106,549.465 | -10,045.273 | 2,805.707  | 1,674.725  | 101,049.124 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2022 | 6     | 116,522.024 | -10,045.273 | 567.407    | 5,382.227  | 105,400.988 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2022 | 7     | 123,526.474 | -10,045.273 | 48.074     | 11,757.696 | 104,116.084 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2022 | 8     | 123,989.392 | -10,045.273 | 0.231      | 14,731.854 | 99,668.889  | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |





KPCo Com Model Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2025 | 7     | 125,689.096 | -10,045.273 | 47.456     | 11,618.522 | 106,418.498 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2025 | 8     | 126,012.633 | -10,045.273 | 0.228      | 14,556.670 | 101,867.317 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2025 | 9     | 127,757.652 | -10,045.273 | 4.197      | 13,132.495 | 105,891.100 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2025 | 10    | 112,715.027 | -10,045.273 | 498.290    | 5,915.696  | 103,652.239 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2025 | 11    | 107,890.664 | -10,045.273 | 3,201.246  | 1,346.517  | 102,967.938 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2025 | 12    | 125,411.679 | -10,045.273 | 9,711.763  | 189.354    | 112,424.448 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2026 | 1     | 137,594.548 | -10,045.273 | 16,478.018 | 27.249     | 115,448.213 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2026 | 2     | 127,422.547 | -10,045.273 | 17,087.025 | 4.582      | 103,797.509 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2026 | 3     | 117,861.601 | -10,045.273 | 13,646.629 | 57.978     | 102,221.404 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2026 | 4     | 111,551.302 | -10,045.273 | 7,970.045  | 499.650    | 105,438.779 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2026 | 5     | 109,515.803 | -10,045.273 | 2,761.373  | 1,648.926  | 104,085.595 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2026 | 6     | 119,593.803 | -10,045.273 | 558.423    | 5,299.149  | 108,564.829 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2026 | 7     | 126,465.627 | -10,045.273 | 47.311     | 11,575.831 | 107,237.865 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2026 | 8     | 126,746.135 | -10,045.273 | 0.227      | 14,503.512 | 102,653.978 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2026 | 9     | 128,530.157 | -10,045.273 | 4.184      | 13,084.838 | 106,711.276 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2026 | 10    | 113,497.549 | -10,045.273 | 496.800    | 5,894.370  | 104,457.578 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2026 | 11    | 108,678.656 | -10,045.273 | 3,191.746  | 1,341.692  | 103,770.254 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2026 | 12    | 126,260.964 | -10,045.273 | 9,683.162  | 188.680    | 113,303.009 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2027 | 1     | 138,404.132 | -10,045.273 | 16,417.414 | 27.188     | 116,318.463 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2027 | 2     | 128,143.413 | -10,045.273 | 17,024.362 | 4.572      | 104,581.048 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2027 | 3     | 118,584.428 | -10,045.273 | 13,596.742 | 57.848     | 102,994.249 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2027 | 4     | 112,319.701 | -10,045.273 | 7,941.012  | 498.539    | 106,237.322 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2027 | 5     | 110,291.675 | -10,045.273 | 2,751.346  | 1,645.280  | 104,875.139 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2027 | 6     | 120,405.181 | -10,045.273 | 556.403    | 5,287.505  | 109,389.871 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2027 | 7     | 127,257.329 | -10,045.273 | 47.141     | 11,550.622 | 108,054.946 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2027 | 8     | 127,498.992 | -10,045.273 | 0.227      | 14,472.208 | 103,438.140 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2027 | 9     | 129,319.587 | -10,045.273 | 4.169      | 13,056.870 | 107,528.688 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2027 | 10    | 114,286.104 | -10,045.273 | 495.045    | 5,881.917  | 105,260.341 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2027 | 11    | 109,464.816 | -10,045.273 | 3,180.552  | 1,338.892  | 104,570.408 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2027 | 12    | 127,103.288 | -10,045.273 | 9,649.438  | 188.291    | 114,179.446 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2028 | 1     | 139,202.126 | -10,045.273 | 16,365.249 | 27.131     | 117,168.680 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2028 | 2     | 128,853.695 | -10,045.273 | 16,970.263 | 4.562      | 105,345.439 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2028 | 3     | 119,293.721 | -10,045.273 | 13,553.514 | 57.728     | 103,746.889 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2028 | 4     | 113,069.549 | -10,045.273 | 7,915.752  | 497.503    | 107,013.467 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |

KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2028 | 5     | 111,045.223 | -10,045.273 | 2,742.583  | 1,641.852  | 105,640.879 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2028 | 6     | 121,190.586 | -10,045.273 | 554.629    | 5,276.465  | 110,188.091 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2028 | 7     | 128,020.232 | -10,045.273 | 46.990     | 11,526.379 | 108,842.243 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2028 | 8     | 128,221.112 | -10,045.273 | 0.226      | 14,441.692 | 104,190.776 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2028 | 9     | 130,072.798 | -10,045.273 | 4.156      | 13,029.162 | 108,309.621 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2028 | 10    | 115,034.899 | -10,045.273 | 493.442    | 5,869.352  | 106,023.304 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2028 | 11    | 110,207.945 | -10,045.273 | 3,170.206  | 1,336.011  | 105,326.764 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2028 | 12    | 127,895.337 | -10,045.273 | 9,617.892  | 187.883    | 115,003.448 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2029 | 1     | 140,019.252 | -10,045.273 | 16,310.987 | 27.172     | 118,040.026 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2029 | 2     | 129,577.151 | -10,045.273 | 16,913.486 | 4.569      | 106,125.665 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2029 | 3     | 120,013.161 | -10,045.273 | 13,507.747 | 57.811     | 104,512.013 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2029 | 4     | 113,829.515 | -10,045.273 | 7,888.802  | 498.204    | 107,799.681 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2029 | 5     | 111,811.575 | -10,045.273 | 2,733.177  | 1,644.127  | 106,414.361 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2029 | 6     | 121,999.754 | -10,045.273 | 552.712    | 5,283.640  | 110,991.999 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2029 | 7     | 128,827.219 | -10,045.273 | 46.827     | 11,541.804 | 109,633.967 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2029 | 8     | 128,995.554 | -10,045.273 | 0.225      | 14,460.683 | 104,946.229 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2029 | 9     | 130,872.981 | -10,045.273 | 4.141      | 13,046.055 | 109,092.925 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2029 | 10    | 115,805.192 | -10,045.273 | 491.696    | 5,876.840  | 106,787.855 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2029 | 11    | 110,955.857 | -10,045.273 | 3,158.927  | 1,337.690  | 106,084.276 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2029 | 12    | 128,686.242 | -10,045.273 | 9,583.505  | 188.116    | 115,828.507 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2030 | 1     | 140,787.483 | -10,045.273 | 16,251.342 | 27.177     | 118,867.897 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2030 | 2     | 130,257.497 | -10,045.273 | 16,851.350 | 4.570      | 106,868.147 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2030 | 3     | 120,692.664 | -10,045.273 | 13,457.888 | 57.819     | 105,241.367 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2030 | 4     | 114,550.721 | -10,045.273 | 7,859.546  | 498.268    | 108,550.080 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2030 | 5     | 112,540.390 | -10,045.273 | 2,722.992  | 1,644.308  | 107,153.181 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2030 | 6     | 122,766.695 | -10,045.273 | 550.642    | 5,284.124  | 111,760.527 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2030 | 7     | 129,584.492 | -10,045.273 | 46.650     | 11,542.603 | 110,390.619 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2030 | 8     | 129,718.115 | -10,045.273 | 0.224      | 14,461.354 | 105,668.120 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2030 | 9     | 131,620.677 | -10,045.273 | 4.125      | 13,046.308 | 109,840.384 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2030 | 10    | 116,531.871 | -10,045.273 | 489.806    | 5,876.788  | 107,516.477 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2030 | 11    | 111,664.366 | -10,045.273 | 3,146.692  | 1,337.640  | 106,805.070 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2030 | 12    | 129,432.208 | -10,045.273 | 9,546.090  | 188.103    | 116,611.902 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2031 | 1     | 141,483.115 | -10,045.273 | 16,217.485 | 27.146     | 119,597.416 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2031 | 2     | 130,874.015 | -10,045.273 | 16,815.669 | 4.565      | 107,520.351 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |

KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2031 | 3     | 121,301.954 | -10,045.273 | 13,428.894 | 57.751     | 105,879.719 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2031 | 4     | 115,187.303 | -10,045.273 | 7,842.325  | 497.659    | 109,204.491 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2031 | 5     | 113,174.306 | -10,045.273 | 2,716.926  | 1,642.239  | 107,795.232 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2031 | 6     | 123,424.202 | -10,045.273 | 549.396    | 5,277.283  | 112,426.120 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2031 | 7     | 130,222.423 | -10,045.273 | 46.543     | 11,527.241 | 111,044.018 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2031 | 8     | 130,320.025 | -10,045.273 | 0.224      | 14,441.595 | 106,289.789 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2031 | 9     | 132,244.677 | -10,045.273 | 4.115      | 13,028.021 | 110,482.681 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2031 | 10    | 117,147.032 | -10,045.273 | 488.627    | 5,868.337  | 108,141.267 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2031 | 11    | 112,271.465 | -10,045.273 | 3,139.004  | 1,335.668  | 107,421.828 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2031 | 12    | 130,077.564 | -10,045.273 | 9,522.436  | 187.819    | 117,281.195 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2032 | 1     | 141,992.927 | -10,045.273 | 16,169.674 | 27.069     | 120,155.117 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2032 | 2     | 131,322.086 | -10,045.273 | 16,765.593 | 4.551      | 108,018.510 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2032 | 3     | 121,749.027 | -10,045.273 | 13,388.532 | 57.583     | 106,367.322 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2032 | 4     | 115,661.609 | -10,045.273 | 7,818.517  | 496.199    | 109,704.066 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2032 | 5     | 113,650.978 | -10,045.273 | 2,708.597  | 1,637.372  | 108,285.101 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2032 | 6     | 123,913.745 | -10,045.273 | 547.693    | 5,261.463  | 112,933.187 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2032 | 7     | 130,684.729 | -10,045.273 | 46.397     | 11,492.328 | 111,541.384 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2032 | 8     | 130,748.090 | -10,045.273 | 0.223      | 14,397.347 | 106,762.102 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2032 | 9     | 132,691.314 | -10,045.273 | 4.102      | 12,987.646 | 110,969.707 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2032 | 10    | 117,599.820 | -10,045.273 | 487.045    | 5,849.939  | 108,614.036 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2032 | 11    | 112,722.731 | -10,045.273 | 3,128.731  | 1,331.433  | 107,887.603 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2032 | 12    | 130,550.040 | -10,045.273 | 9,490.951  | 187.217    | 117,785.758 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2033 | 1     | 142,354.736 | -10,045.273 | 16,097.241 | 26.960     | 120,589.468 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2033 | 2     | 131,632.644 | -10,045.273 | 16,689.851 | 4.533      | 108,404.829 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2033 | 3     | 122,064.126 | -10,045.273 | 13,327.537 | 57.345     | 106,743.653 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2033 | 4     | 116,007.953 | -10,045.273 | 7,782.626  | 494.133    | 110,088.366 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2033 | 5     | 114,007.271 | -10,045.273 | 2,696.072  | 1,630.500  | 108,660.790 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2033 | 6     | 124,277.326 | -10,045.273 | 545.144    | 5,239.223  | 113,321.557 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2033 | 7     | 131,015.928 | -10,045.273 | 46.180     | 11,443.417 | 111,921.711 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2033 | 8     | 131,047.573 | -10,045.273 | 0.222      | 14,335.686 | 107,123.247 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2033 | 9     | 133,008.165 | -10,045.273 | 4.083      | 12,931.722 | 111,342.500 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2033 | 10    | 117,934.634 | -10,045.273 | 484.729    | 5,824.620  | 108,976.484 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2033 | 11    | 113,059.999 | -10,045.273 | 3,113.795  | 1,325.646  | 108,245.594 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2033 | 12    | 130,892.528 | -10,045.273 | 9,445.478  | 186.400    | 118,174.536 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |

KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2034 | 1     | 142,599.098 | -10,045.273 | 16,017.208 | 26.796     | 120,914.026 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2034 | 2     | 131,838.773 | -10,045.273 | 16,606.524 | 4.505      | 108,694.313 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2034 | 3     | 122,279.687 | -10,045.273 | 13,260.711 | 56.996     | 107,026.391 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2034 | 4     | 116,255.409 | -10,045.273 | 7,743.465  | 491.111    | 110,378.005 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2034 | 5     | 114,268.204 | -10,045.273 | 2,682.473  | 1,620.508  | 108,945.315 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2034 | 6     | 124,537.907 | -10,045.273 | 542.388    | 5,207.059  | 113,617.057 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2034 | 7     | 131,236.068 | -10,045.273 | 45.946     | 11,373.053 | 112,212.449 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2034 | 8     | 131,236.908 | -10,045.273 | 0.221      | 14,247.446 | 107,400.823 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2034 | 9     | 133,216.145 | -10,045.273 | 4.062      | 12,852.030 | 111,630.193 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2034 | 10    | 118,176.841 | -10,045.273 | 482.263    | 5,788.674  | 109,257.103 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2034 | 11    | 113,314.288 | -10,045.273 | 3,097.942  | 1,317.460  | 108,523.922 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2034 | 12    | 131,146.864 | -10,045.273 | 9,397.370  | 185.249    | 118,478.132 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2035 | 1     | 142,788.390 | -10,045.273 | 15,934.030 | 26.641     | 121,186.651 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2035 | 2     | 131,997.240 | -10,045.273 | 16,520.240 | 4.479      | 108,939.090 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2035 | 3     | 122,451.174 | -10,045.273 | 13,191.778 | 56.665     | 107,267.141 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2035 | 4     | 116,460.447 | -10,045.273 | 7,703.203  | 488.261    | 110,626.156 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2035 | 5     | 114,489.577 | -10,045.273 | 2,668.520  | 1,611.099  | 109,190.048 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2035 | 6     | 124,759.408 | -10,045.273 | 539.564    | 5,176.799  | 113,871.643 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2035 | 7     | 131,420.432 | -10,045.273 | 45.707     | 11,306.891 | 112,463.214 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2035 | 8     | 131,392.903 | -10,045.273 | 0.220      | 14,164.431 | 107,639.834 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2035 | 9     | 133,388.486 | -10,045.273 | 4.041      | 12,777.025 | 111,877.561 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2035 | 10    | 118,381.270 | -10,045.273 | 479.734    | 5,754.823  | 109,497.911 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2035 | 11    | 113,527.885 | -10,045.273 | 3,081.654  | 1,309.737  | 108,761.530 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2035 | 12    | 131,353.736 | -10,045.273 | 9,347.812  | 184.160    | 118,735.650 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2036 | 1     | 143,127.072 | -10,045.273 | 15,860.855 | 26.518     | 121,598.631 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2036 | 2     | 132,288.026 | -10,045.273 | 16,443.893 | 4.458      | 109,306.244 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2036 | 3     | 122,747.600 | -10,045.273 | 13,130.393 | 56.399     | 107,625.217 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2036 | 4     | 116,787.683 | -10,045.273 | 7,667.106  | 485.954    | 110,991.796 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2036 | 5     | 114,826.711 | -10,045.273 | 2,655.931  | 1,603.436  | 109,547.435 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2036 | 6     | 125,101.152 | -10,045.273 | 537.001    | 5,152.011  | 114,240.737 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2036 | 7     | 131,726.291 | -10,045.273 | 45.488     | 11,252.360 | 112,823.824 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2036 | 8     | 131,665.611 | -10,045.273 | 0.219      | 14,095.642 | 107,981.332 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2036 | 9     | 133,676.774 | -10,045.273 | 4.021      | 12,714.507 | 112,228.386 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2036 | 10    | 118,689.631 | -10,045.273 | 477.387    | 5,726.442  | 109,837.001 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |

KPCo Com el Output

| Year | Month | Pred        | CONST       | XHeat      | XCool      | XOther      | Jan       | Feb       | Mar        | Apr        | May        | Jun       |
|------|-------|-------------|-------------|------------|------------|-------------|-----------|-----------|------------|------------|------------|-----------|
| 2036 | 11    | 113,838.725 | -10,045.273 | 3,066.456  | 1,303.226  | 109,094.078 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2036 | 12    | 131,664.581 | -10,045.273 | 9,301.337  | 183.237    | 119,093.893 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2037 | 1     | 143,419.573 | -10,045.273 | 15,781.647 | 26.384     | 121,970.475 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2037 | 2     | 132,536.404 | -10,045.273 | 16,361.289 | 4.436      | 109,637.249 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2037 | 3     | 123,003.558 | -10,045.273 | 13,064.033 | 56.112     | 107,947.823 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2037 | 4     | 117,075.254 | -10,045.273 | 7,628.108  | 483.463    | 111,320.856 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2037 | 5     | 115,125.756 | -10,045.273 | 2,642.329  | 1,595.161  | 109,868.357 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2037 | 6     | 125,401.443 | -10,045.273 | 534.229    | 5,125.210  | 114,570.602 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2037 | 7     | 131,987.535 | -10,045.273 | 45.251     | 11,193.306 | 113,144.358 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2037 | 8     | 131,892.220 | -10,045.273 | 0.217      | 14,020.957 | 108,282.628 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2037 | 9     | 133,915.481 | -10,045.273 | 4.000      | 12,646.428 | 112,535.194 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2037 | 10    | 118,949.820 | -10,045.273 | 474.821    | 5,695.443  | 110,130.755 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2037 | 11    | 114,100.031 | -10,045.273 | 3,049.790  | 1,296.093  | 109,379.184 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2037 | 12    | 131,916.248 | -10,045.273 | 9,250.209  | 182.223    | 119,397.703 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2038 | 1     | 143,643.385 | -10,045.273 | 15,693.972 | 26.236     | 122,282.110 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2038 | 2     | 132,719.028 | -10,045.273 | 16,269.545 | 4.411      | 109,911.641 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2038 | 3     | 123,193.740 | -10,045.273 | 12,990.092 | 55.792     | 108,212.266 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2038 | 4     | 117,295.893 | -10,045.273 | 7,584.544  | 480.683    | 111,587.838 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2038 | 5     | 115,359.107 | -10,045.273 | 2,627.103  | 1,585.908  | 110,126.187 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2038 | 6     | 125,632.148 | -10,045.273 | 531.127    | 5,095.252  | 114,834.367 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2038 | 7     | 132,177.577 | -10,045.273 | 44.987     | 11,127.455 | 113,400.516 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2038 | 8     | 132,050.220 | -10,045.273 | 0.216      | 13,937.939 | 108,523.647 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2038 | 9     | 134,087.330 | -10,045.273 | 3.976      | 12,571.174 | 112,782.320 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2038 | 10    | 119,151.800 | -10,045.273 | 472.002    | 5,661.398  | 110,369.599 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2038 | 11    | 114,308.732 | -10,045.273 | 3,031.608  | 1,288.315  | 109,613.844 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2038 | 12    | 132,113.886 | -10,045.273 | 9,194.899  | 181.126    | 119,651.748 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2039 | 1     | 143,817.290 | -10,045.273 | 15,600.133 | 26.079     | 122,550.012 | 2,554.953 | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2039 | 2     | 132,862.819 | -10,045.273 | 16,172.302 | 4.384      | 110,152.702 | 0.000     | 3,447.317 | 0.000      | 0.000      | 0.000      | 0.000     |
| 2039 | 3     | 123,353.688 | -10,045.273 | 12,912.513 | 55.457     | 108,450.128 | 0.000     | 0.000     | -1,150.523 | 0.000      | 0.000      | 0.000     |
| 2039 | 4     | 117,493.740 | -10,045.273 | 7,539.295  | 477.797    | 111,833.820 | 0.000     | 0.000     | 0.000      | -5,443.286 | 0.000      | 0.000     |
| 2039 | 5     | 115,577.423 | -10,045.273 | 2,611.448  | 1,576.395  | 110,369.671 | 0.000     | 0.000     | 0.000      | 0.000      | -2,066.205 | 0.000     |
| 2039 | 6     | 125,853.277 | -10,045.273 | 527.966    | 5,064.729  | 115,089.179 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 2,085.288 |
| 2039 | 7     | 132,363.239 | -10,045.273 | 44.719     | 11,060.882 | 113,653.018 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |
| 2039 | 8     | 132,209.325 | -10,045.273 | 0.215      | 13,854.648 | 108,766.044 | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000     |









KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on | D12on | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|---------|-------|-----------|------------|
| 2002 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 0.000     | 0.000   | 0.000 | 0.000     | 4,741.620  |
| 2002 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 16,765.597 |
| 2003 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 23,036.336 |
| 2003 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 28,063.468 |
| 2003 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 22,429.616 |
| 2003 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 9,237.988  |
| 2003 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 2,218.861  |
| 2003 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 306.160    |
| 2003 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 0.000      |
| 2003 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 0.000      |
| 2003 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 0.000      |
| 2003 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 1,032.551  |
| 2003 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 0.000     | 0.000   | 0.000 | 0.000     | 3,140.480  |
| 2003 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 11,791.243 |
| 2004 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 21,186.139 |
| 2004 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 25,401.916 |
| 2004 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 18,268.590 |
| 2004 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 10,759.302 |
| 2004 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 3,775.878  |
| 2004 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 681.852    |
| 2004 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 38.298     |
| 2004 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 0.000      |
| 2004 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 0.000      |
| 2004 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 276.001    |
| 2004 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 0.000     | 0.000   | 0.000 | 0.000     | 1,820.963  |
| 2004 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 0.000     | 0.000   | 0.000 | 0.000     | 9,536.182  |
| 2005 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000   | 0.000 | 0.000     | 17,708.554 |
| 2005 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000   | 0.000 | 0.000     | 20,587.643 |
| 2005 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000   | 0.000 | 0.000     | 19,002.671 |
| 2005 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000   | 0.000 | 0.000     | 11,268.541 |
| 2005 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000   | 0.000 | 0.000     | 3,910.293  |
| 2005 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000   | 0.000 | 0.000     | 910.186    |
| 2005 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000   | 0.000 | 0.000     | 85.908     |
| 2005 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000   | 0.000 | 0.000     | 0.000      |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|-------|-----------|------------|
| 2005 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 0.000      |
| 2005 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 155.760    |
| 2005 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 0.000     | 0.000 | 0.000     | 4,058.817  |
| 2005 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 15,979.726 |
| 2006 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 19,494.330 |
| 2006 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 15,619.342 |
| 2006 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 15,795.911 |
| 2006 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 10,476.015 |
| 2006 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 2,746.648  |
| 2006 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 294.142    |
| 2006 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 35.553     |
| 2006 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 0.000      |
| 2006 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 25.463     |
| 2006 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 1,020.955  |
| 2006 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 0.000     | 0.000 | 0.000     | 5,897.327  |
| 2006 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 11,393.126 |
| 2007 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 13,493.181 |
| 2007 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 21,479.105 |
| 2007 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 21,490.300 |
| 2007 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 11,065.983 |
| 2007 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 3,901.654  |
| 2007 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 785.631    |
| 2007 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 28.471     |
| 2007 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 0.000     | 0.000 | 0.000     | 0.000      |
| 2007 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 0.000      |
| 2007 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 172.145    |
| 2007 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 3,471.095  |
| 2007 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 11,586.722 |
| 2008 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 17,664.191 |
| 2008 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 19,572.349 |
| 2008 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 18,341.800 |
| 2008 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 10,647.202 |
| 2008 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 3,284.897  |
| 2008 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 553.378    |

KPCo Com Fuel Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|-------|-----------|------------|
| 2008 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 31.010     |
| 2008 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 0.000      |
| 2008 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 0.000      |
| 2008 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 217.612    |
| 2008 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 4,349.511  |
| 2008 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 16,637.646 |
| 2009 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 21,993.710 |
| 2009 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 23,321.375 |
| 2009 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 17,350.904 |
| 2009 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 8,601.253  |
| 2009 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 2,709.445  |
| 2009 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 516.716    |
| 2009 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 38.643     |
| 2009 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 0.000      |
| 2009 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 0.000      |
| 2009 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 824.110    |
| 2009 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 3,491.715  |
| 2009 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 10,576.879 |
| 2010 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 22,674.111 |
| 2010 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 22,993.886 |
| 2010 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 19,979.098 |
| 2010 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 8,460.850  |
| 2010 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 1,970.213  |
| 2010 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 448.244    |
| 2010 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 48.284     |
| 2010 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 0.000      |
| 2010 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 0.000      |
| 2010 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 277.713    |
| 2010 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 3,006.410  |
| 2010 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 14,243.305 |
| 2011 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 25,415.651 |
| 2011 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 23,377.290 |
| 2011 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 14,602.746 |
| 2011 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000 | 0.000     | 8,750.384  |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2011 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000      | 0.000     | 3,123.026  |
| 2011 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000      | 0.000     | 749.683    |
| 2011 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000      | 0.000     | 123.042    |
| 2011 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000      | 0.000     | 0.000      |
| 2011 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000      | 0.000     | 4.044      |
| 2011 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | 0.000      | 0.000     | 703.639    |
| 2011 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | 0.000      | 0.000     | 3,692.798  |
| 2011 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | 0.000      | 0.000     | 8,217.780  |
| 2012 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 14,370.469 |
| 2012 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,147.809 |
| 2012 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 11,815.105 |
| 2012 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4,504.458  |
| 2012 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 1,764.928  |
| 2012 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 408.668    |
| 2012 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2.058      |
| 2012 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.000      |
| 2012 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 14.650     |
| 2012 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 941.290    |
| 2012 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 5,224.143  |
| 2012 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,411.088 |
| 2013 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,381.565 |
| 2013 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 18,313.016 |
| 2013 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,324.638 |
| 2013 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,034.265  |
| 2013 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,128.904  |
| 2013 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 632.515    |
| 2013 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 53.604     |
| 2013 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.258      |
| 2013 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.740      |
| 2013 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 562.851    |
| 2013 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,617.136  |
| 2013 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,977.272 |
| 2014 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 18,436.876 |
| 2014 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 19,126.304 |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2014 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,274.391 |
| 2014 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,924.472  |
| 2014 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,093.977  |
| 2014 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 626.135    |
| 2014 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 53.074     |
| 2014 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.255      |
| 2014 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.696      |
| 2014 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 557.618    |
| 2014 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,583.980  |
| 2014 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,877.864 |
| 2015 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 18,205.149 |
| 2015 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 18,879.430 |
| 2015 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,079.329 |
| 2015 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,807.625  |
| 2015 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,051.878  |
| 2015 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 617.235    |
| 2015 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 52.299     |
| 2015 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.251      |
| 2015 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.626      |
| 2015 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 549.357    |
| 2015 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,529.807  |
| 2015 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,709.969 |
| 2016 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,919.314 |
| 2016 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 18,584.289 |
| 2016 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 14,844.531 |
| 2016 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,670.889  |
| 2016 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,004.609  |
| 2016 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 607.690    |
| 2016 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 51.492     |
| 2016 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.248      |
| 2016 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.555      |
| 2016 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 540.866    |
| 2016 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,475.179  |
| 2016 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,543.952 |

KPCo Com Model Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2017 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,681.861 |
| 2017 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 18,333.334 |
| 2017 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 14,640.223 |
| 2017 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,549.399  |
| 2017 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,961.784  |
| 2017 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 598.884    |
| 2017 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 50.733     |
| 2017 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.244      |
| 2017 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.485      |
| 2017 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 532.528    |
| 2017 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,420.825  |
| 2017 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,376.780 |
| 2018 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,421.791 |
| 2018 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 18,062.129 |
| 2018 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 14,422.425 |
| 2018 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,421.542  |
| 2018 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,917.267  |
| 2018 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 589.839    |
| 2018 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 49.964     |
| 2018 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.240      |
| 2018 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.417      |
| 2018 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 524.345    |
| 2018 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,368.070  |
| 2018 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,216.173 |
| 2019 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,230.560 |
| 2019 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,865.588 |
| 2019 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 14,266.944 |
| 2019 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,331.563  |
| 2019 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,886.378  |
| 2019 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 583.653    |
| 2019 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 49.445     |
| 2019 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.238      |
| 2019 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.372      |
| 2019 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 519.071    |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2019 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,334.566  |
| 2019 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,115.690 |
| 2020 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,024.297 |
| 2020 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,654.349 |
| 2020 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 14,100.408 |
| 2020 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,235.493  |
| 2020 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,853.490  |
| 2020 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 577.083    |
| 2020 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 48.895     |
| 2020 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.235      |
| 2020 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.324      |
| 2020 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 513.519    |
| 2020 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,299.358  |
| 2020 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 10,010.243 |
| 2021 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,859.068 |
| 2021 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,483.028 |
| 2021 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,963.614 |
| 2021 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,155.641  |
| 2021 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,825.840  |
| 2021 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 571.494    |
| 2021 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 48.422     |
| 2021 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.233      |
| 2021 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.283      |
| 2021 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 508.556    |
| 2021 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,267.488  |
| 2021 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,913.566  |
| 2022 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,740.416 |
| 2022 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,359.673 |
| 2022 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,864.775 |
| 2022 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,097.743  |
| 2022 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,805.707  |
| 2022 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 567.407    |
| 2022 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 48.074     |
| 2022 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.231      |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2022 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.252      |
| 2022 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 504.854    |
| 2022 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,243.583  |
| 2022 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,840.691  |
| 2023 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,664.278 |
| 2023 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,279.441 |
| 2023 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,799.679 |
| 2023 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,059.146  |
| 2023 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,792.149  |
| 2023 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 564.628    |
| 2023 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 47.836     |
| 2023 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.230      |
| 2023 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.230      |
| 2023 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 502.262    |
| 2023 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,226.756  |
| 2023 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,789.131  |
| 2024 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,588.103 |
| 2024 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,200.747 |
| 2024 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,737.073 |
| 2024 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,022.670  |
| 2024 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,779.540  |
| 2024 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 562.083    |
| 2024 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 47.620     |
| 2024 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.229      |
| 2024 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.211      |
| 2024 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 499.999    |
| 2024 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,212.204  |
| 2024 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,744.919  |
| 2025 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,530.990 |
| 2025 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,141.499 |
| 2025 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,689.756 |
| 2025 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,995.050  |
| 2025 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,769.970  |
| 2025 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 560.149    |



KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2025 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 47.456     |
| 2025 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.228      |
| 2025 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.197      |
| 2025 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 498.290    |
| 2025 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,201.246  |
| 2025 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,711.763  |
| 2026 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,478.018 |
| 2026 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,087.025 |
| 2026 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,646.629 |
| 2026 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,970.045  |
| 2026 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,761.373  |
| 2026 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 558.423    |
| 2026 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 47.311     |
| 2026 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.227      |
| 2026 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.184      |
| 2026 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 496.800    |
| 2026 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,191.746  |
| 2026 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,683.162  |
| 2027 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,417.414 |
| 2027 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 17,024.362 |
| 2027 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,596.742 |
| 2027 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,941.012  |
| 2027 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,751.346  |
| 2027 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 556.403    |
| 2027 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 47.141     |
| 2027 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.227      |
| 2027 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.169      |
| 2027 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 495.045    |
| 2027 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,180.552  |
| 2027 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,649.438  |
| 2028 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,365.249 |
| 2028 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,970.263 |
| 2028 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,553.514 |
| 2028 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,915.752  |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2028 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,742.583  |
| 2028 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 554.629    |
| 2028 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 46.990     |
| 2028 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.226      |
| 2028 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.156      |
| 2028 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 493.442    |
| 2028 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,170.206  |
| 2028 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,617.892  |
| 2029 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,310.987 |
| 2029 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,913.486 |
| 2029 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,507.747 |
| 2029 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,888.802  |
| 2029 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,733.177  |
| 2029 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 552.712    |
| 2029 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 46.827     |
| 2029 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.225      |
| 2029 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.141      |
| 2029 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 491.696    |
| 2029 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,158.927  |
| 2029 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,583.505  |
| 2030 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,251.342 |
| 2030 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,851.350 |
| 2030 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,457.888 |
| 2030 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,859.546  |
| 2030 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,722.992  |
| 2030 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 550.642    |
| 2030 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 46.650     |
| 2030 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.224      |
| 2030 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.125      |
| 2030 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 489.806    |
| 2030 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,146.692  |
| 2030 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,546.090  |
| 2031 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,217.485 |
| 2031 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,815.669 |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2031 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,428.894 |
| 2031 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,842.325  |
| 2031 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,716.926  |
| 2031 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 549.396    |
| 2031 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 46.543     |
| 2031 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.224      |
| 2031 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.115      |
| 2031 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 488.627    |
| 2031 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,139.004  |
| 2031 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,522.436  |
| 2032 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,169.674 |
| 2032 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,765.593 |
| 2032 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,388.532 |
| 2032 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,818.517  |
| 2032 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,708.597  |
| 2032 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 547.693    |
| 2032 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 46.397     |
| 2032 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.223      |
| 2032 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.102      |
| 2032 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 487.045    |
| 2032 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,128.731  |
| 2032 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,490.951  |
| 2033 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,097.241 |
| 2033 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,689.851 |
| 2033 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,327.537 |
| 2033 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,782.626  |
| 2033 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,696.072  |
| 2033 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 545.144    |
| 2033 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 46.180     |
| 2033 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.222      |
| 2033 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.083      |
| 2033 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 484.729    |
| 2033 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,113.795  |
| 2033 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,445.478  |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2034 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,017.208 |
| 2034 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,606.524 |
| 2034 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,260.711 |
| 2034 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,743.465  |
| 2034 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,682.473  |
| 2034 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 542.388    |
| 2034 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 45.946     |
| 2034 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.221      |
| 2034 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.062      |
| 2034 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 482.263    |
| 2034 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,097.942  |
| 2034 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,397.370  |
| 2035 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,934.030 |
| 2035 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,520.240 |
| 2035 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,191.778 |
| 2035 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,703.203  |
| 2035 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,668.520  |
| 2035 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 539.564    |
| 2035 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 45.707     |
| 2035 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.220      |
| 2035 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.041      |
| 2035 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 479.734    |
| 2035 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,081.654  |
| 2035 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,347.812  |
| 2036 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,860.855 |
| 2036 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,443.893 |
| 2036 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,130.393 |
| 2036 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,667.106  |
| 2036 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,655.931  |
| 2036 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 537.001    |
| 2036 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 45.488     |
| 2036 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.219      |
| 2036 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.021      |
| 2036 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 477.387    |

KPCo Com Model Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2036 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,066.456  |
| 2036 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,301.337  |
| 2037 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,781.647 |
| 2037 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,361.289 |
| 2037 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 13,064.033 |
| 2037 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,628.108  |
| 2037 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,642.329  |
| 2037 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 534.229    |
| 2037 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 45.251     |
| 2037 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.217      |
| 2037 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 4.000      |
| 2037 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 474.821    |
| 2037 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,049.790  |
| 2037 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,250.209  |
| 2038 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,693.972 |
| 2038 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,269.545 |
| 2038 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 12,990.092 |
| 2038 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,584.544  |
| 2038 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,627.103  |
| 2038 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 531.127    |
| 2038 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 44.987     |
| 2038 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.216      |
| 2038 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3.976      |
| 2038 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 472.002    |
| 2038 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,031.608  |
| 2038 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,194.899  |
| 2039 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,600.133 |
| 2039 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,172.302 |
| 2039 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 12,912.513 |
| 2039 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,539.295  |
| 2039 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,611.448  |
| 2039 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 527.966    |
| 2039 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 44.719     |
| 2039 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.215      |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating    |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|------------|
| 2039 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3.953      |
| 2039 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 469.205    |
| 2039 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3,013.656  |
| 2039 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,140.422  |
| 2040 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,507.787 |
| 2040 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 16,076.582 |
| 2040 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 12,836.037 |
| 2040 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,494.547  |
| 2040 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,595.895  |
| 2040 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 524.807    |
| 2040 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 44.450     |
| 2040 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.214      |
| 2040 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3.928      |
| 2040 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 466.316    |
| 2040 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,994.941  |
| 2040 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,083.193  |
| 2041 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,409.659 |
| 2041 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,973.913 |
| 2041 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 12,753.382 |
| 2041 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,445.931  |
| 2041 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,578.968  |
| 2041 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 521.373    |
| 2041 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 44.159     |
| 2041 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.212      |
| 2041 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3.903      |
| 2041 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 463.289    |
| 2041 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,975.663  |
| 2041 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 9,025.333  |
| 2042 | 1     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,312.790 |
| 2042 | 2     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 15,875.015 |
| 2042 | 3     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 12,675.813 |
| 2042 | 4     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 7,401.593  |
| 2042 | 5     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,563.971  |
| 2042 | 6     | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 518.422    |

KPCo Com el Output

| Year | Month | Jul       | Aug       | Sep       | Oct      | Nov        | D05on     | Sep07on   | D12on      | X-Missing | Heating   |
|------|-------|-----------|-----------|-----------|----------|------------|-----------|-----------|------------|-----------|-----------|
| 2042 | 7     | 4,518.506 | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 43.916    |
| 2042 | 8     | 0.000     | 6,502.304 | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 0.211     |
| 2042 | 9     | 0.000     | 0.000     | 5,643.746 | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 3.883     |
| 2042 | 10    | 0.000     | 0.000     | 0.000     | -437.312 | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 461.030   |
| 2042 | 11    | 0.000     | 0.000     | 0.000     | 0.000    | -2,711.149 | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 2,961.840 |
| 2042 | 12    | 0.000     | 0.000     | 0.000     | 0.000    | 0.000      | 9,567.551 | 5,979.181 | -2,415.346 | 0.000     | 8,985.632 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual   | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|----------|------------|------------|-------------|
| 2000 | 1     | 0.000      | 103,405.415 | 124,461.687 | 116047.5 | 21,056.272 | 0.000      | 94,991.254  |
| 2000 | 2     | 0.000      | 93,284.311  | 119,855.975 | 114186.4 | 26,571.664 | 0.000      | 87,614.781  |
| 2000 | 3     | 86.797     | 86,839.413  | 101,976.883 | 97738.7  | 15,050.673 | 86.797     | 82,601.228  |
| 2000 | 4     | 237.275    | 85,417.213  | 93,041.644  | 89933.02 | 7,387.156  | 237.275    | 82,308.590  |
| 2000 | 5     | 2,305.476  | 87,547.134  | 93,067.283  | 92491.05 | 3,214.673  | 2,305.476  | 86,970.904  |
| 2000 | 6     | 7,354.458  | 96,803.019  | 104,756.585 | 104856.5 | 599.108    | 7,354.458  | 96,902.946  |
| 2000 | 7     | 13,947.027 | 97,617.878  | 111,566.242 | 108139.4 | 1.338      | 13,947.027 | 94,190.992  |
| 2000 | 8     | 13,593.162 | 94,688.572  | 108,281.734 | 108808.6 | 0.000      | 13,593.162 | 95,215.437  |
| 2000 | 9     | 12,382.966 | 98,333.163  | 110,736.112 | 111962.6 | 19.983     | 12,382.966 | 99,559.621  |
| 2000 | 10    | 5,957.363  | 90,204.405  | 97,250.367  | 96372.65 | 1,088.599  | 5,957.363  | 89,326.684  |
| 2000 | 11    | 1,421.632  | 87,163.429  | 92,627.055  | 91910.57 | 4,041.993  | 1,421.632  | 86,446.944  |
| 2000 | 12    | 152.382    | 99,213.723  | 118,513.071 | 116962   | 19,146.965 | 152.382    | 97,662.654  |
| 2001 | 1     | 0.000      | 104,148.610 | 136,486.611 | 133855.1 | 32,338.001 | 0.000      | 101,517.098 |
| 2001 | 2     | 0.000      | 94,060.308  | 120,453.694 | 113503   | 26,393.387 | 0.000      | 87,109.598  |
| 2001 | 3     | 0.000      | 87,699.025  | 106,430.753 | 102783.4 | 18,731.728 | 0.000      | 84,051.711  |
| 2001 | 4     | 1,670.478  | 86,353.497  | 101,348.194 | 100194.2 | 13,324.219 | 1,670.478  | 85,199.473  |
| 2001 | 5     | 4,231.981  | 88,547.196  | 97,092.641  | 97747.04 | 4,313.465  | 4,231.981  | 89,201.589  |
| 2001 | 6     | 5,452.504  | 97,979.573  | 103,993.104 | 100454.1 | 561.027    | 5,452.504  | 94,440.565  |
| 2001 | 7     | 11,573.321 | 98,868.312  | 110,469.341 | 109764.2 | 27.708     | 11,573.321 | 98,163.172  |
| 2001 | 8     | 17,402.559 | 95,895.508  | 113,298.067 | 113401.7 | 0.000      | 17,402.559 | 95,999.130  |
| 2001 | 9     | 16,458.089 | 99,614.906  | 116,076.939 | 113736.6 | 3.944      | 16,458.089 | 97,274.566  |
| 2001 | 10    | 6,526.985  | 91,460.779  | 98,792.084  | 95920.9  | 804.320    | 6,526.985  | 88,589.596  |
| 2001 | 11    | 1,724.373  | 88,353.575  | 94,188.714  | 95928.18 | 4,110.766  | 1,724.373  | 90,093.037  |
| 2001 | 12    | 323.603    | 100,549.430 | 107,739.036 | 104780.7 | 6,866.003  | 323.603    | 97,591.122  |
| 2002 | 1     | 9.443      | 105,613.158 | 125,806.306 | 123908.8 | 20,183.705 | 9.443      | 103,715.701 |
| 2002 | 2     | 0.000      | 95,329.424  | 114,492.749 | 108018.6 | 19,163.324 | 0.000      | 88,855.308  |
| 2002 | 3     | 50.155     | 88,919.868  | 105,363.203 | 107309.8 | 16,393.180 | 50.155     | 90,866.499  |
| 2002 | 4     | 804.903    | 87,615.358  | 99,091.430  | 102537.2 | 10,671.169 | 804.903    | 91,061.125  |
| 2002 | 5     | 2,477.317  | 89,790.619  | 96,163.731  | 95971.43 | 3,895.794  | 2,477.317  | 89,598.321  |
| 2002 | 6     | 6,906.410  | 99,271.444  | 107,831.513 | 105281.5 | 1,653.659  | 6,906.410  | 96,721.411  |
| 2002 | 7     | 15,850.703 | 100,097.342 | 116,291.893 | 117418.6 | 343.848    | 15,850.703 | 101,224.062 |
| 2002 | 8     | 21,130.256 | 97,080.741  | 118,210.997 | 119368.2 | 0.000      | 21,130.256 | 98,237.895  |
| 2002 | 9     | 21,291.448 | 100,820.175 | 122,111.623 | 119695.3 | 0.000      | 21,291.448 | 98,403.894  |
| 2002 | 10    | 11,185.000 | 92,604.168  | 104,167.420 | 104899.3 | 378.252    | 11,185.000 | 93,336.052  |



KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual   | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|----------|------------|------------|-------------|
| 2002 | 11    | 2,635.714  | 89,569.632  | 96,946.966  | 96109.99 | 4,741.620  | 2,635.714  | 88,732.652  |
| 2002 | 12    | 307.759    | 101,839.666 | 118,913.022 | 117232.4 | 16,765.597 | 307.759    | 100,159.040 |
| 2003 | 1     | 29.393     | 106,566.897 | 129,632.626 | 126690.5 | 23,036.336 | 29.393     | 103,624.750 |
| 2003 | 2     | 0.000      | 96,167.771  | 124,231.239 | 122779.6 | 28,063.468 | 0.000      | 94,716.177  |
| 2003 | 3     | 0.000      | 89,712.884  | 112,142.500 | 110450.6 | 22,429.616 | 0.000      | 88,021.007  |
| 2003 | 4     | 676.932    | 88,395.752  | 98,310.672  | 98087.84 | 9,237.988  | 676.932    | 88,172.918  |
| 2003 | 5     | 1,889.502  | 90,537.648  | 94,646.011  | 98693.05 | 2,218.861  | 1,889.502  | 94,584.690  |
| 2003 | 6     | 2,968.196  | 100,026.148 | 103,300.504 | 102213.9 | 306.160    | 2,968.196  | 98,939.559  |
| 2003 | 7     | 10,752.288 | 101,692.240 | 112,444.528 | 112755.6 | 0.000      | 10,752.288 | 102,003.352 |
| 2003 | 8     | 14,290.524 | 97,212.684  | 111,503.208 | 112586.7 | 0.000      | 14,290.524 | 98,296.207  |
| 2003 | 9     | 15,048.991 | 100,932.748 | 115,981.739 | 120287.9 | 0.000      | 15,048.991 | 105,238.941 |
| 2003 | 10    | 5,284.413  | 93,636.081  | 99,953.045  | 101482.9 | 1,032.551  | 5,284.413  | 95,165.980  |
| 2003 | 11    | 898.054    | 89,363.321  | 93,401.854  | 96076.45 | 3,140.480  | 898.054    | 92,037.919  |
| 2003 | 12    | 182.203    | 101,800.827 | 113,774.273 | 116012.2 | 11,791.243 | 182.203    | 104,038.707 |
| 2004 | 1     | 53.524     | 107,486.739 | 128,726.402 | 131261.2 | 21,186.139 | 53.524     | 110,021.545 |
| 2004 | 2     | 22.468     | 95,963.763  | 121,388.147 | 125201.7 | 25,401.916 | 22.468     | 99,777.268  |
| 2004 | 3     | 103.840    | 90,377.302  | 108,749.733 | 109248.1 | 18,268.590 | 103.840    | 90,875.637  |
| 2004 | 4     | 615.448    | 90,776.512  | 102,151.263 | 106039   | 10,759.302 | 615.448    | 94,664.277  |
| 2004 | 5     | 3,311.401  | 90,848.404  | 97,935.683  | 102893.6 | 3,775.878  | 3,311.401  | 95,806.340  |
| 2004 | 6     | 10,121.818 | 100,457.247 | 111,260.918 | 117520.1 | 681.852    | 10,121.818 | 106,716.385 |
| 2004 | 7     | 14,238.351 | 100,612.543 | 114,889.192 | 118976.1 | 38.298     | 14,238.351 | 104,699.409 |
| 2004 | 8     | 14,314.577 | 98,352.835  | 112,667.413 | 114443.8 | 0.000      | 14,314.577 | 100,129.204 |
| 2004 | 9     | 13,232.570 | 99,724.064  | 112,956.634 | 117319.1 | 0.000      | 13,232.570 | 104,086.510 |
| 2004 | 10    | 6,051.699  | 93,744.946  | 100,072.647 | 105855.6 | 276.001    | 6,051.699  | 99,527.910  |
| 2004 | 11    | 1,479.570  | 88,678.927  | 91,979.460  | 98814.81 | 1,820.963  | 1,479.570  | 95,514.273  |
| 2004 | 12    | 295.392    | 102,909.324 | 112,740.897 | 117815.6 | 9,536.182  | 295.392    | 107,983.979 |
| 2005 | 1     | 29.680     | 115,248.840 | 132,987.073 | 129923.7 | 17,708.554 | 29.680     | 112,185.513 |
| 2005 | 2     | 0.000      | 105,642.977 | 126,230.620 | 124572.2 | 20,587.643 | 0.000      | 103,984.531 |
| 2005 | 3     | 0.000      | 100,402.546 | 119,405.217 | 117738.9 | 19,002.671 | 0.000      | 98,736.183  |
| 2005 | 4     | 255.965    | 99,496.460  | 111,020.967 | 108703.5 | 11,268.541 | 255.965    | 97,178.997  |
| 2005 | 5     | 984.138    | 98,407.615  | 103,302.047 | 100091.5 | 3,910.293  | 984.138    | 95,197.034  |
| 2005 | 6     | 5,943.884  | 109,370.512 | 116,224.583 | 112547.9 | 910.186    | 5,943.884  | 105,693.811 |
| 2005 | 7     | 17,448.713 | 109,173.479 | 126,708.100 | 123433.6 | 85.908     | 17,448.713 | 105,898.979 |
| 2005 | 8     | 24,303.250 | 107,677.420 | 131,980.669 | 128530.4 | 0.000      | 24,303.250 | 104,227.199 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual   | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|----------|------------|------------|-------------|
| 2005 | 9     | 21,800.176 | 110,966.231 | 132,766.407 | 129452.7 | 0.000      | 21,800.176 | 107,652.540 |
| 2005 | 10    | 11,542.694 | 100,856.091 | 112,554.545 | 112861.1 | 155.760    | 11,542.694 | 101,162.658 |
| 2005 | 11    | 2,707.692  | 100,648.768 | 107,415.277 | 105939.3 | 4,058.817  | 2,707.692  | 99,172.834  |
| 2005 | 12    | 221.346    | 110,652.508 | 126,853.581 | 127394.4 | 15,979.726 | 221.346    | 111,193.365 |
| 2006 | 1     | 22.949     | 115,991.847 | 135,509.126 | 135491.9 | 19,494.330 | 22.949     | 115,974.586 |
| 2006 | 2     | 0.000      | 105,773.713 | 121,393.055 | 120935   | 15,619.342 | 0.000      | 105,315.684 |
| 2006 | 3     | 55.694     | 97,104.241  | 112,955.845 | 113477.4 | 15,795.911 | 55.694     | 97,625.802  |
| 2006 | 4     | 694.012    | 93,451.802  | 104,621.829 | 104629.6 | 10,476.015 | 694.012    | 93,459.588  |
| 2006 | 5     | 1,410.087  | 100,472.058 | 104,628.792 | 103898.1 | 2,746.648  | 1,410.087  | 99,741.371  |
| 2006 | 6     | 4,998.493  | 107,896.727 | 113,189.361 | 112025.5 | 294.142    | 4,998.493  | 106,732.914 |
| 2006 | 7     | 12,725.801 | 109,050.677 | 121,812.032 | 121843.9 | 35.553     | 12,725.801 | 109,082.573 |
| 2006 | 8     | 20,126.173 | 104,721.343 | 124,847.517 | 125800.4 | 0.000      | 20,126.173 | 105,674.207 |
| 2006 | 9     | 17,234.740 | 110,816.035 | 128,076.238 | 127451.4 | 25.463     | 17,234.740 | 110,191.173 |
| 2006 | 10    | 5,146.894  | 100,475.121 | 106,642.971 | 107090.5 | 1,020.955  | 5,146.894  | 100,922.667 |
| 2006 | 11    | 613.456    | 97,864.117  | 104,374.900 | 105875.3 | 5,897.327  | 613.456    | 99,364.517  |
| 2006 | 12    | 155.508    | 107,902.822 | 119,451.457 | 121307.3 | 11,393.126 | 155.508    | 109,758.700 |
| 2007 | 1     | 53.696     | 114,062.547 | 127,609.424 | 127171.8 | 13,493.181 | 53.696     | 113,624.903 |
| 2007 | 2     | 3.981      | 102,597.394 | 124,080.480 | 132079.6 | 21,479.105 | 3.981      | 110,596.496 |
| 2007 | 3     | 90.700     | 97,062.803  | 118,643.803 | 122153.4 | 21,490.300 | 90.700     | 100,572.426 |
| 2007 | 4     | 1,282.041  | 98,476.926  | 110,824.950 | 112596.6 | 11,065.983 | 1,282.041  | 100,248.623 |
| 2007 | 5     | 2,520.281  | 99,233.507  | 105,655.442 | 109476.2 | 3,901.654  | 2,520.281  | 103,054.239 |
| 2007 | 6     | 8,285.741  | 104,716.181 | 113,787.553 | 117861.1 | 785.631    | 8,285.741  | 108,789.690 |
| 2007 | 7     | 14,686.499 | 106,087.962 | 120,802.932 | 122280.2 | 28.471     | 14,686.499 | 107,565.274 |
| 2007 | 8     | 17,888.841 | 105,496.305 | 123,385.146 | 125107.3 | 0.000      | 17,888.841 | 107,218.500 |
| 2007 | 9     | 20,723.874 | 114,191.902 | 134,915.776 | 135178.8 | 0.000      | 20,723.874 | 114,454.891 |
| 2007 | 10    | 12,389.822 | 105,601.365 | 118,163.331 | 116735.4 | 172.145    | 12,389.822 | 104,173.435 |
| 2007 | 11    | 3,683.620  | 104,868.578 | 112,023.294 | 108929.7 | 3,471.095  | 3,683.620  | 101,774.983 |
| 2007 | 12    | 442.144    | 114,519.331 | 126,548.197 | 122828.8 | 11,586.722 | 442.144    | 110,799.963 |
| 2008 | 1     | 0.000      | 119,587.773 | 137,251.965 | 135988.5 | 17,664.191 | 0.000      | 118,324.350 |
| 2008 | 2     | 0.000      | 107,983.399 | 127,555.748 | 128780.7 | 19,572.349 | 0.000      | 109,208.383 |
| 2008 | 3     | 0.000      | 103,772.356 | 122,114.156 | 122687.3 | 18,341.800 | 0.000      | 104,345.464 |
| 2008 | 4     | 59.637     | 102,366.075 | 113,072.914 | 112736.8 | 10,647.202 | 59.637     | 102,029.968 |
| 2008 | 5     | 770.355    | 102,299.150 | 106,354.403 | 103319.4 | 3,284.897  | 770.355    | 99,264.114  |
| 2008 | 6     | 4,943.789  | 111,225.933 | 116,723.100 | 114938.7 | 553.378    | 4,943.789  | 109,441.520 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual   | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|----------|------------|------------|-------------|
| 2008 | 7     | 11,145.113 | 112,133.500 | 123,309.623 | 122829.4 | 31.010     | 11,145.113 | 111,653.232 |
| 2008 | 8     | 14,563.074 | 112,252.336 | 126,815.410 | 124863.6 | 0.000      | 14,563.074 | 110,300.485 |
| 2008 | 9     | 14,651.657 | 113,141.474 | 127,793.132 | 127141.7 | 0.000      | 14,651.657 | 112,490.076 |
| 2008 | 10    | 7,531.529  | 103,684.943 | 111,434.085 | 111421.5 | 217.612    | 7,531.529  | 103,672.325 |
| 2008 | 11    | 1,617.413  | 101,592.512 | 107,559.436 | 106285.5 | 4,349.511  | 1,617.413  | 100,318.526 |
| 2008 | 12    | 94.886     | 112,667.333 | 129,399.865 | 131453.2 | 16,637.646 | 94.886     | 114,720.624 |
| 2009 | 1     | 0.000      | 118,487.242 | 140,480.952 | 140607.6 | 21,993.710 | 0.000      | 118,613.891 |
| 2009 | 2     | 0.000      | 107,643.375 | 130,964.750 | 135440.2 | 23,321.375 | 0.000      | 112,118.789 |
| 2009 | 3     | 159.877    | 99,928.043  | 117,438.824 | 117944.1 | 17,350.904 | 159.877    | 100,433.312 |
| 2009 | 4     | 182.623    | 99,927.454  | 108,711.330 | 108022   | 8,601.253  | 182.623    | 99,238.078  |
| 2009 | 5     | 2,454.379  | 102,492.222 | 107,656.045 | 105590   | 2,709.445  | 2,454.379  | 100,426.137 |
| 2009 | 6     | 5,742.474  | 108,117.061 | 114,376.250 | 114602.8 | 516.716    | 5,742.474  | 108,343.648 |
| 2009 | 7     | 10,098.402 | 110,154.453 | 120,291.498 | 119391.2 | 38.643     | 10,098.402 | 109,254.150 |
| 2009 | 8     | 11,278.033 | 109,790.926 | 121,068.959 | 118640   | 0.000      | 11,278.033 | 107,361.973 |
| 2009 | 9     | 11,120.373 | 110,079.290 | 121,199.663 | 122206.8 | 0.000      | 11,120.373 | 111,086.410 |
| 2009 | 10    | 5,672.885  | 103,626.220 | 110,123.214 | 110816.1 | 824.110    | 5,672.885  | 104,319.075 |
| 2009 | 11    | 1,078.927  | 99,559.222  | 104,129.864 | 102272   | 3,491.715  | 1,078.927  | 97,701.362  |
| 2009 | 12    | 52.330     | 112,880.472 | 123,509.680 | 122093.4 | 10,576.879 | 52.330     | 111,464.205 |
| 2010 | 1     | 2.828      | 116,503.057 | 139,179.996 | 145310.6 | 22,674.111 | 2.828      | 122,633.620 |
| 2010 | 2     | 0.000      | 104,763.069 | 127,756.954 | 130432.8 | 22,993.886 | 0.000      | 107,438.886 |
| 2010 | 3     | 0.000      | 100,646.650 | 120,625.748 | 125707.2 | 19,979.098 | 0.000      | 105,728.136 |
| 2010 | 4     | 979.300    | 101,354.604 | 110,794.754 | 109887.2 | 8,460.850  | 979.300    | 100,447.037 |
| 2010 | 5     | 1,778.905  | 100,087.055 | 103,836.173 | 103330   | 1,970.213  | 1,778.905  | 99,580.872  |
| 2010 | 6     | 8,009.678  | 108,925.721 | 117,383.643 | 120865.7 | 448.244    | 8,009.678  | 112,407.786 |
| 2010 | 7     | 15,799.298 | 110,140.263 | 125,987.845 | 128707.6 | 48.284     | 15,799.298 | 112,860.026 |
| 2010 | 8     | 19,470.587 | 109,488.800 | 128,959.387 | 130361.7 | 0.000      | 19,470.587 | 110,891.074 |
| 2010 | 9     | 16,041.324 | 110,417.879 | 126,459.203 | 127048.3 | 0.000      | 16,041.324 | 111,007.010 |
| 2010 | 10    | 7,589.961  | 102,578.075 | 110,445.749 | 109352.3 | 277.713    | 7,589.961  | 101,484.627 |
| 2010 | 11    | 1,700.400  | 98,745.357  | 103,452.168 | 101528.6 | 3,006.410  | 1,700.400  | 96,821.794  |
| 2010 | 12    | 141.120    | 111,964.268 | 126,348.692 | 126389.8 | 14,243.305 | 141.120    | 112,005.333 |
| 2011 | 1     | 0.000      | 115,020.706 | 140,436.357 | 149475   | 25,415.651 | 0.000      | 124,059.310 |
| 2011 | 2     | 0.000      | 104,464.383 | 127,841.673 | 127879.1 | 23,377.290 | 0.000      | 104,501.765 |
| 2011 | 3     | 59.741     | 99,854.130  | 114,516.617 | 113092.8 | 14,602.746 | 59.741     | 98,430.296  |
| 2011 | 4     | 600.393    | 96,303.116  | 105,653.893 | 105814.3 | 8,750.384  | 600.393    | 96,463.572  |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual   | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|----------|------------|------------|-------------|
| 2011 | 5     | 1,990.554  | 102,378.015 | 107,491.595 | 104301.7 | 3,123.026  | 1,990.554  | 99,188.169  |
| 2011 | 6     | 7,277.222  | 106,133.062 | 114,159.968 | 113790.4 | 749.683    | 7,277.222  | 105,763.488 |
| 2011 | 7     | 12,691.236 | 108,764.891 | 121,579.169 | 120705.5 | 123.042    | 12,691.236 | 107,891.271 |
| 2011 | 8     | 18,294.975 | 107,254.193 | 125,549.168 | 126716.5 | 0.000      | 18,294.975 | 108,421.572 |
| 2011 | 9     | 14,263.527 | 108,843.691 | 123,111.262 | 121535.2 | 4.044      | 14,263.527 | 107,267.639 |
| 2011 | 10    | 4,620.592  | 101,402.342 | 106,726.572 | 104793.4 | 703.639    | 4,620.592  | 99,469.218  |
| 2011 | 11    | 565.532    | 97,698.398  | 101,956.728 | 101275.5 | 3,692.798  | 565.532    | 97,017.209  |
| 2011 | 12    | 74.008     | 109,830.654 | 118,122.442 | 117315   | 8,217.780  | 74.008     | 109,023.237 |
| 2012 | 1     | 20.079     | 110,517.567 | 124,908.115 | 127270.3 | 14,370.469 | 20.079     | 112,879.706 |
| 2012 | 2     | 0.000      | 102,506.024 | 117,653.833 | 118462.5 | 15,147.809 | 0.000      | 103,314.684 |
| 2012 | 3     | 322.174    | 95,944.121  | 108,081.399 | 108113   | 11,815.105 | 322.174    | 95,975.682  |
| 2012 | 4     | 1,488.622  | 94,149.919  | 100,142.999 | 99605.52 | 4,504.458  | 1,488.622  | 93,612.442  |
| 2012 | 5     | 2,464.823  | 97,575.412  | 101,805.162 | 101832   | 1,764.928  | 2,464.823  | 97,602.253  |
| 2012 | 6     | 6,734.111  | 103,698.483 | 110,841.262 | 110870.2 | 408.668    | 6,734.111  | 103,727.388 |
| 2012 | 7     | 15,717.762 | 107,093.203 | 122,813.022 | 122720.1 | 2.058      | 15,717.762 | 107,000.251 |
| 2012 | 8     | 16,997.016 | 103,435.724 | 120,432.740 | 118371.5 | 0.000      | 16,997.016 | 101,374.504 |
| 2012 | 9     | 13,817.433 | 107,104.908 | 120,936.991 | 120105.3 | 14.650     | 13,817.433 | 106,273.195 |
| 2012 | 10    | 5,178.855  | 97,261.550  | 103,381.694 | 102106   | 941.290    | 5,178.855  | 95,985.858  |
| 2012 | 11    | 1,011.593  | 95,824.676  | 102,060.412 | 101170.2 | 5,224.143  | 1,011.593  | 94,934.462  |
| 2012 | 12    | 101.196    | 106,052.331 | 116,564.615 | 116894   | 10,411.088 | 101.196    | 106,381.758 |
| 2013 | 1     | 0.000      | 110,288.364 | 126,669.929 | 127144.1 | 16,381.565 | 0.000      | 110,762.536 |
| 2013 | 2     | 0.000      | 101,079.502 | 119,392.519 | 121020.1 | 18,313.016 | 0.000      | 102,707.064 |
| 2013 | 3     | 62.568     | 95,334.658  | 110,721.865 | 0        | 15,324.638 | 62.568     | 95,334.658  |
| 2013 | 4     | 543.645    | 93,926.688  | 103,504.598 |          | 9,034.265  | 543.645    | 93,926.688  |
| 2013 | 5     | 1,793.435  | 96,032.005  | 100,954.343 |          | 3,128.904  | 1,793.435  | 96,032.005  |
| 2013 | 6     | 5,761.436  | 104,235.828 | 110,629.779 |          | 632.515    | 5,761.436  | 104,235.828 |
| 2013 | 7     | 12,589.239 | 105,485.848 | 118,128.691 |          | 53.604     | 12,589.239 | 105,485.848 |
| 2013 | 8     | 15,776.499 | 103,305.158 | 119,081.915 |          | 0.258      | 15,776.499 | 103,305.158 |
| 2013 | 9     | 14,230.557 | 106,131.848 | 120,367.146 |          | 4.740      | 14,230.557 | 106,131.848 |
| 2013 | 10    | 6,410.120  | 97,988.255  | 104,961.226 |          | 562.851    | 6,410.120  | 97,988.255  |
| 2013 | 11    | 1,459.508  | 95,114.346  | 100,190.990 |          | 3,617.136  | 1,459.508  | 95,114.346  |
| 2013 | 12    | 205.315    | 106,562.144 | 117,744.731 |          | 10,977.272 | 205.315    | 106,562.144 |
| 2014 | 1     | 29.340     | 111,692.783 | 130,158.999 |          | 18,436.876 | 29.340     | 111,692.783 |
| 2014 | 2     | 4.936      | 101,922.725 | 121,053.964 |          | 19,126.304 | 4.936      | 101,922.725 |

KPCo Com Total Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2014 | 3     | 62.448     | 95,870.817  | 111,207.656 |        | 15,274.391 | 62.448     | 95,870.817  |
| 2014 | 4     | 538.402    | 94,575.506  | 104,038.379 |        | 8,924.472  | 538.402    | 94,575.506  |
| 2014 | 5     | 1,777.919  | 96,768.141  | 101,640.037 |        | 3,093.977  | 1,777.919  | 96,768.141  |
| 2014 | 6     | 5,717.806  | 105,111.937 | 111,455.877 |        | 626.135    | 5,717.806  | 105,111.937 |
| 2014 | 7     | 12,496.484 | 106,371.895 | 118,921.452 |        | 53.074     | 12,496.484 | 106,371.895 |
| 2014 | 8     | 15,661.658 | 104,161.941 | 119,823.853 |        | 0.255      | 15,661.658 | 104,161.941 |
| 2014 | 9     | 14,132.597 | 107,061.479 | 121,198.772 |        | 4.696      | 14,132.597 | 107,061.479 |
| 2014 | 10    | 6,366.659  | 98,908.267  | 105,832.545 |        | 557.618    | 6,366.659  | 98,908.267  |
| 2014 | 11    | 1,449.803  | 96,041.101  | 101,074.884 |        | 3,583.980  | 1,449.803  | 96,041.101  |
| 2014 | 12    | 203.972    | 107,586.040 | 118,667.876 |        | 10,877.864 | 203.972    | 107,586.040 |
| 2015 | 1     | 29.154     | 112,740.082 | 130,974.385 |        | 18,205.149 | 29.154     | 112,740.082 |
| 2015 | 2     | 4.903      | 102,831.673 | 121,716.006 |        | 18,879.430 | 4.903      | 102,831.673 |
| 2015 | 3     | 62.039     | 96,779.072  | 111,920.440 |        | 15,079.329 | 62.039     | 96,779.072  |
| 2015 | 4     | 534.703    | 95,480.787  | 104,823.115 |        | 8,807.625  | 534.703    | 95,480.787  |
| 2015 | 5     | 1,764.787  | 97,612.036  | 102,428.700 |        | 3,051.878  | 1,764.787  | 97,612.036  |
| 2015 | 6     | 5,672.080  | 105,930.769 | 112,220.084 |        | 617.235    | 5,672.080  | 105,930.769 |
| 2015 | 7     | 12,391.780 | 107,142.818 | 119,586.898 |        | 52.299     | 12,391.780 | 107,142.818 |
| 2015 | 8     | 15,527.497 | 104,882.108 | 120,409.856 |        | 0.251      | 15,527.497 | 104,882.108 |
| 2015 | 9     | 14,010.159 | 107,800.535 | 121,815.321 |        | 4.626      | 14,010.159 | 107,800.535 |
| 2015 | 10    | 6,311.889  | 99,637.692  | 106,498.938 |        | 549.357    | 6,311.889  | 99,637.692  |
| 2015 | 11    | 1,436.893  | 96,736.675  | 101,703.375 |        | 3,529.807  | 1,436.893  | 96,736.675  |
| 2015 | 12    | 202.091    | 108,311.730 | 119,223.790 |        | 10,709.969 | 202.091    | 108,311.730 |
| 2016 | 1     | 28.928     | 113,571.094 | 131,519.336 |        | 17,919.314 | 28.928     | 113,571.094 |
| 2016 | 2     | 4.865      | 103,585.566 | 122,174.720 |        | 18,584.289 | 4.865      | 103,585.566 |
| 2016 | 3     | 61.567     | 97,527.605  | 112,433.703 |        | 14,844.531 | 61.567     | 97,527.605  |
| 2016 | 4     | 530.662    | 96,257.574  | 105,459.125 |        | 8,670.889  | 530.662    | 96,257.574  |
| 2016 | 5     | 1,751.514  | 98,382.542  | 103,138.665 |        | 3,004.609  | 1,751.514  | 98,382.542  |
| 2016 | 6     | 5,629.559  | 106,737.036 | 112,974.286 |        | 607.690    | 5,629.559  | 106,737.036 |
| 2016 | 7     | 12,299.093 | 107,940.999 | 120,291.583 |        | 51.492     | 12,299.093 | 107,940.999 |
| 2016 | 8     | 15,411.431 | 105,646.723 | 121,058.401 |        | 0.248      | 15,411.431 | 105,646.723 |
| 2016 | 9     | 13,905.387 | 108,595.111 | 122,505.052 |        | 4.555      | 13,905.387 | 108,595.111 |
| 2016 | 10    | 6,264.617  | 100,414.501 | 107,219.984 |        | 540.866    | 6,264.617  | 100,414.501 |
| 2016 | 11    | 1,426.103  | 97,506.525  | 102,407.807 |        | 3,475.179  | 1,426.103  | 97,506.525  |
| 2016 | 12    | 200.568    | 109,149.705 | 119,894.225 |        | 10,543.952 | 200.568    | 109,149.705 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2017 | 1     | 28.706     | 114,423.291 | 132,133.859 |        | 17,681.861 | 28.706     | 114,423.291 |
| 2017 | 2     | 4.827      | 104,326.853 | 122,665.014 |        | 18,333.334 | 4.827      | 104,326.853 |
| 2017 | 3     | 61.064     | 98,232.394  | 112,933.680 |        | 14,640.223 | 61.064     | 98,232.394  |
| 2017 | 4     | 526.192    | 96,959.666  | 106,035.257 |        | 8,549.399  | 526.192    | 96,959.666  |
| 2017 | 5     | 1,736.335  | 99,051.666  | 103,749.785 |        | 2,961.784  | 1,736.335  | 99,051.666  |
| 2017 | 6     | 5,579.422  | 107,410.269 | 113,588.575 |        | 598.884    | 5,579.422  | 107,410.269 |
| 2017 | 7     | 12,186.676 | 108,582.216 | 120,819.624 |        | 50.733     | 12,186.676 | 108,582.216 |
| 2017 | 8     | 15,266.995 | 106,237.996 | 121,505.235 |        | 0.244      | 15,266.995 | 106,237.996 |
| 2017 | 9     | 13,771.886 | 109,186.621 | 122,962.992 |        | 4.485      | 13,771.886 | 109,186.621 |
| 2017 | 10    | 6,202.998  | 100,970.187 | 107,705.712 |        | 532.528    | 6,202.998  | 100,970.187 |
| 2017 | 11    | 1,411.755  | 98,036.420  | 102,869.001 |        | 3,420.825  | 1,411.755  | 98,036.420  |
| 2017 | 12    | 198.507    | 109,705.110 | 120,280.397 |        | 10,376.780 | 198.507    | 109,705.110 |
| 2018 | 1     | 28.479     | 115,051.080 | 132,501.350 |        | 17,421.791 | 28.479     | 115,051.080 |
| 2018 | 2     | 4.788      | 104,882.766 | 122,949.683 |        | 18,062.129 | 4.788      | 104,882.766 |
| 2018 | 3     | 60.570     | 98,771.576  | 113,254.571 |        | 14,422.425 | 60.570     | 98,771.576  |
| 2018 | 4     | 521.894    | 97,507.806  | 106,451.241 |        | 8,421.542  | 521.894    | 97,507.806  |
| 2018 | 5     | 1,722.019  | 99,585.166  | 104,224.452 |        | 2,917.267  | 1,722.019  | 99,585.166  |
| 2018 | 6     | 5,533.016  | 107,959.185 | 114,082.040 |        | 589.839    | 5,533.016  | 107,959.185 |
| 2018 | 7     | 12,084.467 | 109,117.239 | 121,251.670 |        | 49.964     | 12,084.467 | 109,117.239 |
| 2018 | 8     | 15,137.955 | 106,743.686 | 121,881.881 |        | 0.240      | 15,137.955 | 106,743.686 |
| 2018 | 9     | 13,654.563 | 109,705.431 | 123,364.411 |        | 4.417      | 13,654.563 | 109,705.431 |
| 2018 | 10    | 6,149.765  | 101,471.713 | 108,145.823 |        | 524.345    | 6,149.765  | 101,471.713 |
| 2018 | 11    | 1,399.559  | 98,528.902  | 103,296.531 |        | 3,368.070  | 1,399.559  | 98,528.902  |
| 2018 | 12    | 196.781    | 110,236.696 | 120,649.650 |        | 10,216.173 | 196.781    | 110,236.696 |
| 2019 | 1     | 28.226     | 115,562.494 | 132,821.279 |        | 17,230.560 | 28.226     | 115,562.494 |
| 2019 | 2     | 4.746      | 105,351.988 | 123,222.322 |        | 17,865.588 | 4.746      | 105,351.988 |
| 2019 | 3     | 60.043     | 99,243.505  | 113,570.492 |        | 14,266.944 | 60.043     | 99,243.505  |
| 2019 | 4     | 517.401    | 98,004.252  | 106,853.216 |        | 8,331.563  | 517.401    | 98,004.252  |
| 2019 | 5     | 1,707.361  | 100,084.761 | 104,678.501 |        | 2,886.378  | 1,707.361  | 100,084.761 |
| 2019 | 6     | 5,486.474  | 108,490.594 | 114,560.720 |        | 583.653    | 5,486.474  | 108,490.594 |
| 2019 | 7     | 11,984.051 | 109,652.580 | 121,686.076 |        | 49.445     | 11,984.051 | 109,652.580 |
| 2019 | 8     | 15,013.713 | 107,266.107 | 122,280.057 |        | 0.238      | 15,013.713 | 107,266.107 |
| 2019 | 9     | 13,544.011 | 110,259.757 | 123,808.140 |        | 4.372      | 13,544.011 | 110,259.757 |
| 2019 | 10    | 6,100.685  | 102,025.800 | 108,645.557 |        | 519.071    | 6,100.685  | 102,025.800 |

KPCo Commercial Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2019 | 11    | 1,388.545  | 99,090.299  | 103,813.410 |        | 3,334.566  | 1,388.545  | 99,090.299  |
| 2019 | 12    | 195.254    | 110,861.727 | 121,172.671 |        | 10,115.690 | 195.254    | 110,861.727 |
| 2020 | 1     | 28.035     | 116,131.208 | 133,183.541 |        | 17,024.297 | 28.035     | 116,131.208 |
| 2020 | 2     | 4.715      | 105,878.033 | 123,537.096 |        | 17,654.349 | 4.715      | 105,878.033 |
| 2020 | 3     | 59.656     | 99,776.450  | 113,936.514 |        | 14,100.408 | 59.656     | 99,776.450  |
| 2020 | 4     | 514.144    | 98,568.411  | 107,318.048 |        | 8,235.493  | 514.144    | 98,568.411  |
| 2020 | 5     | 1,696.846  | 100,655.400 | 105,205.736 |        | 2,853.490  | 1,696.846  | 100,655.400 |
| 2020 | 6     | 5,453.441  | 109,100.181 | 115,130.705 |        | 577.083    | 5,453.441  | 109,100.181 |
| 2020 | 7     | 11,913.536 | 110,268.775 | 122,231.207 |        | 48.895     | 11,913.536 | 110,268.775 |
| 2020 | 8     | 14,927.508 | 107,869.983 | 122,797.725 |        | 0.235      | 14,927.508 | 107,869.983 |
| 2020 | 9     | 13,468.135 | 110,901.791 | 124,374.250 |        | 4.324      | 13,468.135 | 110,901.791 |
| 2020 | 10    | 6,067.395  | 102,668.837 | 109,249.751 |        | 513.519    | 6,067.395  | 102,668.837 |
| 2020 | 11    | 1,381.160  | 99,742.878  | 104,423.396 |        | 3,299.358  | 1,381.160  | 99,742.878  |
| 2020 | 12    | 194.242    | 111,588.925 | 121,793.411 |        | 10,010.243 | 194.242    | 111,588.925 |
| 2021 | 1     | 27.846     | 116,931.413 | 133,818.327 |        | 16,859.068 | 27.846     | 116,931.413 |
| 2021 | 2     | 4.683      | 106,597.650 | 124,085.361 |        | 17,483.028 | 4.683      | 106,597.650 |
| 2021 | 3     | 59.254     | 100,485.449 | 114,508.317 |        | 13,963.614 | 59.254     | 100,485.449 |
| 2021 | 4     | 510.681    | 99,300.311  | 107,966.633 |        | 8,155.641  | 510.681    | 99,300.311  |
| 2021 | 5     | 1,685.427  | 101,378.557 | 105,889.824 |        | 2,825.840  | 1,685.427  | 101,378.557 |
| 2021 | 6     | 5,416.771  | 109,855.043 | 115,843.308 |        | 571.494    | 5,416.771  | 109,855.043 |
| 2021 | 7     | 11,833.491 | 111,015.013 | 122,896.925 |        | 48.422     | 11,833.491 | 111,015.013 |
| 2021 | 8     | 14,827.295 | 108,584.920 | 123,412.448 |        | 0.233      | 14,827.295 | 108,584.920 |
| 2021 | 9     | 13,377.778 | 111,645.475 | 125,027.535 |        | 4.283      | 13,377.778 | 111,645.475 |
| 2021 | 10    | 6,026.719  | 103,397.363 | 109,932.638 |        | 508.556    | 6,026.719  | 103,397.363 |
| 2021 | 11    | 1,371.907  | 100,467.159 | 105,106.554 |        | 3,267.488  | 1,371.907  | 100,467.159 |
| 2021 | 12    | 192.941    | 112,379.995 | 122,486.503 |        | 9,913.566  | 192.941    | 112,379.995 |
| 2022 | 1     | 27.672     | 117,706.871 | 134,474.959 |        | 16,740.416 | 27.672     | 117,706.871 |
| 2022 | 2     | 4.653      | 107,293.075 | 124,657.401 |        | 17,359.673 | 4.653      | 107,293.075 |
| 2022 | 3     | 58.881     | 101,168.090 | 115,091.746 |        | 13,864.775 | 58.881     | 101,168.090 |
| 2022 | 4     | 507.451    | 100,002.333 | 108,607.527 |        | 8,097.743  | 507.451    | 100,002.333 |
| 2022 | 5     | 1,674.725  | 102,069.033 | 106,549.465 |        | 2,805.707  | 1,674.725  | 102,069.033 |
| 2022 | 6     | 5,382.227  | 110,572.390 | 116,522.024 |        | 567.407    | 5,382.227  | 110,572.390 |
| 2022 | 7     | 11,757.696 | 111,720.704 | 123,526.474 |        | 48.074     | 11,757.696 | 111,720.704 |
| 2022 | 8     | 14,731.854 | 109,257.307 | 123,989.392 |        | 0.231      | 14,731.854 | 109,257.307 |

KPCo Com Natural Gas Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2022 | 9     | 13,291.230 | 112,341.071 | 125,636.553 |        | 4.252      | 13,291.230 | 112,341.071 |
| 2022 | 10    | 5,987.514  | 104,074.666 | 110,567.034 |        | 504.854    | 5,987.514  | 104,074.666 |
| 2022 | 11    | 1,362.933  | 101,136.369 | 105,742.885 |        | 3,243.583  | 1,362.933  | 101,136.369 |
| 2022 | 12    | 191.672    | 113,106.827 | 123,139.190 |        | 9,840.691  | 191.672    | 113,106.827 |
| 2023 | 1     | 27.527     | 118,532.123 | 135,223.929 |        | 16,664.278 | 27.527     | 118,532.123 |
| 2023 | 2     | 4.629      | 108,027.564 | 125,311.633 |        | 17,279.441 | 4.629      | 108,027.564 |
| 2023 | 3     | 58.565     | 101,884.082 | 115,742.325 |        | 13,799.679 | 58.565     | 101,884.082 |
| 2023 | 4     | 504.692    | 100,733.510 | 109,297.349 |        | 8,059.146  | 504.692    | 100,733.510 |
| 2023 | 5     | 1,665.510  | 102,784.086 | 107,241.744 |        | 2,792.149  | 1,665.510  | 102,784.086 |
| 2023 | 6     | 5,352.266  | 111,311.406 | 117,228.300 |        | 564.628    | 5,352.266  | 111,311.406 |
| 2023 | 7     | 11,691.519 | 112,444.198 | 124,183.552 |        | 47.836     | 11,691.519 | 112,444.198 |
| 2023 | 8     | 14,648.038 | 109,943.736 | 124,592.004 |        | 0.230      | 14,648.038 | 109,943.736 |
| 2023 | 9     | 13,214.854 | 113,048.685 | 126,267.769 |        | 4.230      | 13,214.854 | 113,048.685 |
| 2023 | 10    | 5,952.762  | 104,761.439 | 111,216.463 |        | 502.262    | 5,952.762  | 104,761.439 |
| 2023 | 11    | 1,354.949  | 101,813.149 | 106,394.855 |        | 3,226.756  | 1,354.949  | 101,813.149 |
| 2023 | 12    | 190.540    | 113,840.049 | 123,819.719 |        | 9,789.131  | 190.540    | 113,840.049 |
| 2024 | 1     | 27.388     | 119,313.405 | 135,928.896 |        | 16,588.103 | 27.388     | 119,313.405 |
| 2024 | 2     | 4.605      | 108,731.719 | 125,937.071 |        | 17,200.747 | 4.605      | 108,731.719 |
| 2024 | 3     | 58.270     | 102,579.270 | 116,374.613 |        | 13,737.073 | 58.270     | 102,579.270 |
| 2024 | 4     | 502.159    | 101,451.671 | 109,976.500 |        | 8,022.670  | 502.159    | 101,451.671 |
| 2024 | 5     | 1,657.168  | 103,494.073 | 107,930.781 |        | 2,779.540  | 1,657.168  | 103,494.073 |
| 2024 | 6     | 5,325.500  | 112,052.726 | 117,940.308 |        | 562.083    | 5,325.500  | 112,052.726 |
| 2024 | 7     | 11,633.092 | 113,176.825 | 124,857.537 |        | 47.620     | 11,633.092 | 113,176.825 |
| 2024 | 8     | 14,574.867 | 110,645.240 | 125,220.335 |        | 0.229      | 14,574.867 | 110,645.240 |
| 2024 | 9     | 13,148.819 | 113,777.704 | 126,930.734 |        | 4.211      | 13,148.819 | 113,777.704 |
| 2024 | 10    | 5,923.006  | 105,474.868 | 111,897.874 |        | 499.999    | 5,923.006  | 105,474.868 |
| 2024 | 11    | 1,348.171  | 102,521.472 | 107,081.847 |        | 3,212.204  | 1,348.171  | 102,521.472 |
| 2024 | 12    | 189.585    | 114,612.682 | 124,547.186 |        | 9,744.919  | 189.585    | 114,612.682 |
| 2025 | 1     | 27.354     | 120,223.896 | 136,782.240 |        | 16,530.990 | 27.354     | 120,223.896 |
| 2025 | 2     | 4.600      | 109,550.145 | 126,696.243 |        | 17,141.499 | 4.600      | 109,550.145 |
| 2025 | 3     | 58.197     | 103,385.250 | 117,133.203 |        | 13,689.756 | 58.197     | 103,385.250 |
| 2025 | 4     | 501.527    | 102,283.176 | 110,779.753 |        | 7,995.050  | 501.527    | 102,283.176 |
| 2025 | 5     | 1,655.082  | 104,314.856 | 108,739.907 |        | 2,769.970  | 1,655.082  | 104,314.856 |
| 2025 | 6     | 5,318.810  | 112,909.102 | 118,788.060 |        | 560.149    | 5,318.810  | 112,909.102 |



KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2025 | 7     | 11,618.522 | 114,023.118 | 125,689.096 |        | 47.456     | 11,618.522 | 114,023.118 |
| 2025 | 8     | 14,556.670 | 111,455.735 | 126,012.633 |        | 0.228      | 14,556.670 | 111,455.735 |
| 2025 | 9     | 13,132.495 | 114,620.960 | 127,757.652 |        | 4.197      | 13,132.495 | 114,620.960 |
| 2025 | 10    | 5,915.696  | 106,301.041 | 112,715.027 |        | 498.290    | 5,915.696  | 106,301.041 |
| 2025 | 11    | 1,346.517  | 103,342.902 | 107,890.664 |        | 3,201.246  | 1,346.517  | 103,342.902 |
| 2025 | 12    | 189.354    | 115,510.562 | 125,411.679 |        | 9,711.763  | 189.354    | 115,510.562 |
| 2026 | 1     | 27.249     | 121,089.280 | 137,594.548 |        | 16,478.018 | 27.249     | 121,089.280 |
| 2026 | 2     | 4.582      | 110,330.940 | 127,422.547 |        | 17,087.025 | 4.582      | 110,330.940 |
| 2026 | 3     | 57.978     | 104,156.995 | 117,861.601 |        | 13,646.629 | 57.978     | 104,156.995 |
| 2026 | 4     | 499.650    | 103,081.607 | 111,551.302 |        | 7,970.045  | 499.650    | 103,081.607 |
| 2026 | 5     | 1,648.926  | 105,105.504 | 109,515.803 |        | 2,761.373  | 1,648.926  | 105,105.504 |
| 2026 | 6     | 5,299.149  | 113,736.231 | 119,593.803 |        | 558.423    | 5,299.149  | 113,736.231 |
| 2026 | 7     | 11,575.831 | 114,842.485 | 126,465.627 |        | 47.311     | 11,575.831 | 114,842.485 |
| 2026 | 8     | 14,503.512 | 112,242.395 | 126,746.135 |        | 0.227      | 14,503.512 | 112,242.395 |
| 2026 | 9     | 13,084.838 | 115,441.136 | 128,530.157 |        | 4.184      | 13,084.838 | 115,441.136 |
| 2026 | 10    | 5,894.370  | 107,106.380 | 113,497.549 |        | 496.800    | 5,894.370  | 107,106.380 |
| 2026 | 11    | 1,341.692  | 104,145.219 | 108,678.656 |        | 3,191.746  | 1,341.692  | 104,145.219 |
| 2026 | 12    | 188.680    | 116,389.122 | 126,260.964 |        | 9,683.162  | 188.680    | 116,389.122 |
| 2027 | 1     | 27.188     | 121,959.531 | 138,404.132 |        | 16,417.414 | 27.188     | 121,959.531 |
| 2027 | 2     | 4.572      | 111,114.479 | 128,143.413 |        | 17,024.362 | 4.572      | 111,114.479 |
| 2027 | 3     | 57.848     | 104,929.839 | 118,584.428 |        | 13,596.742 | 57.848     | 104,929.839 |
| 2027 | 4     | 498.539    | 103,880.150 | 112,319.701 |        | 7,941.012  | 498.539    | 103,880.150 |
| 2027 | 5     | 1,645.280  | 105,895.048 | 110,291.675 |        | 2,751.346  | 1,645.280  | 105,895.048 |
| 2027 | 6     | 5,287.505  | 114,561.273 | 120,405.181 |        | 556.403    | 5,287.505  | 114,561.273 |
| 2027 | 7     | 11,550.622 | 115,659.566 | 127,257.329 |        | 47.141     | 11,550.622 | 115,659.566 |
| 2027 | 8     | 14,472.208 | 113,026.557 | 127,498.992 |        | 0.227      | 14,472.208 | 113,026.557 |
| 2027 | 9     | 13,056.870 | 116,258.548 | 129,319.587 |        | 4.169      | 13,056.870 | 116,258.548 |
| 2027 | 10    | 5,881.917  | 107,909.142 | 114,286.104 |        | 495.045    | 5,881.917  | 107,909.142 |
| 2027 | 11    | 1,338.892  | 104,945.372 | 109,464.816 |        | 3,180.552  | 1,338.892  | 104,945.372 |
| 2027 | 12    | 188.291    | 117,265.560 | 127,103.288 |        | 9,649.438  | 188.291    | 117,265.560 |
| 2028 | 1     | 27.131     | 122,809.747 | 139,202.126 |        | 16,365.249 | 27.131     | 122,809.747 |
| 2028 | 2     | 4.562      | 111,878.870 | 128,853.695 |        | 16,970.263 | 4.562      | 111,878.870 |
| 2028 | 3     | 57.728     | 105,682.479 | 119,293.721 |        | 13,553.514 | 57.728     | 105,682.479 |
| 2028 | 4     | 497.503    | 104,656.295 | 113,069.549 |        | 7,915.752  | 497.503    | 104,656.295 |

KPCo Commercial Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2028 | 5     | 1,641.852  | 106,660.788 | 111,045.223 |        | 2,742.583  | 1,641.852  | 106,660.788 |
| 2028 | 6     | 5,276.465  | 115,359.493 | 121,190.586 |        | 554.629    | 5,276.465  | 115,359.493 |
| 2028 | 7     | 11,526.379 | 116,446.863 | 128,020.232 |        | 46.990     | 11,526.379 | 116,446.863 |
| 2028 | 8     | 14,441.692 | 113,779.194 | 128,221.112 |        | 0.226      | 14,441.692 | 113,779.194 |
| 2028 | 9     | 13,029.162 | 117,039.481 | 130,072.798 |        | 4.156      | 13,029.162 | 117,039.481 |
| 2028 | 10    | 5,869.352  | 108,672.105 | 115,034.899 |        | 493.442    | 5,869.352  | 108,672.105 |
| 2028 | 11    | 1,336.011  | 105,701.728 | 110,207.945 |        | 3,170.206  | 1,336.011  | 105,701.728 |
| 2028 | 12    | 187.883    | 118,089.562 | 127,895.337 |        | 9,617.892  | 187.883    | 118,089.562 |
| 2029 | 1     | 27.172     | 123,681.093 | 140,019.252 |        | 16,310.987 | 27.172     | 123,681.093 |
| 2029 | 2     | 4.569      | 112,659.096 | 129,577.151 |        | 16,913.486 | 4.569      | 112,659.096 |
| 2029 | 3     | 57.811     | 106,447.603 | 120,013.161 |        | 13,507.747 | 57.811     | 106,447.603 |
| 2029 | 4     | 498.204    | 105,442.509 | 113,829.515 |        | 7,888.802  | 498.204    | 105,442.509 |
| 2029 | 5     | 1,644.127  | 107,434.270 | 111,811.575 |        | 2,733.177  | 1,644.127  | 107,434.270 |
| 2029 | 6     | 5,283.640  | 116,163.401 | 121,999.754 |        | 552.712    | 5,283.640  | 116,163.401 |
| 2029 | 7     | 11,541.804 | 117,238.587 | 128,827.219 |        | 46.827     | 11,541.804 | 117,238.587 |
| 2029 | 8     | 14,460.683 | 114,534.646 | 128,995.554 |        | 0.225      | 14,460.683 | 114,534.646 |
| 2029 | 9     | 13,046.055 | 117,822.785 | 130,872.981 |        | 4.141      | 13,046.055 | 117,822.785 |
| 2029 | 10    | 5,876.840  | 109,436.656 | 115,805.192 |        | 491.696    | 5,876.840  | 109,436.656 |
| 2029 | 11    | 1,337.690  | 106,459.240 | 110,955.857 |        | 3,158.927  | 1,337.690  | 106,459.240 |
| 2029 | 12    | 188.116    | 118,914.621 | 128,686.242 |        | 9,583.505  | 188.116    | 118,914.621 |
| 2030 | 1     | 27.177     | 124,508.965 | 140,787.483 |        | 16,251.342 | 27.177     | 124,508.965 |
| 2030 | 2     | 4.570      | 113,401.578 | 130,257.497 |        | 16,851.350 | 4.570      | 113,401.578 |
| 2030 | 3     | 57.819     | 107,176.957 | 120,692.664 |        | 13,457.888 | 57.819     | 107,176.957 |
| 2030 | 4     | 498.268    | 106,192.907 | 114,550.721 |        | 7,859.546  | 498.268    | 106,192.907 |
| 2030 | 5     | 1,644.308  | 108,173.090 | 112,540.390 |        | 2,722.992  | 1,644.308  | 108,173.090 |
| 2030 | 6     | 5,284.124  | 116,931.929 | 122,766.695 |        | 550.642    | 5,284.124  | 116,931.929 |
| 2030 | 7     | 11,542.603 | 117,995.239 | 129,584.492 |        | 46.650     | 11,542.603 | 117,995.239 |
| 2030 | 8     | 14,461.354 | 115,256.537 | 129,718.115 |        | 0.224      | 14,461.354 | 115,256.537 |
| 2030 | 9     | 13,046.308 | 118,570.244 | 131,620.677 |        | 4.125      | 13,046.308 | 118,570.244 |
| 2030 | 10    | 5,876.788  | 110,165.278 | 116,531.871 |        | 489.806    | 5,876.788  | 110,165.278 |
| 2030 | 11    | 1,337.640  | 107,180.034 | 111,664.366 |        | 3,146.692  | 1,337.640  | 107,180.034 |
| 2030 | 12    | 188.103    | 119,698.016 | 129,432.208 |        | 9,546.090  | 188.103    | 119,698.016 |
| 2031 | 1     | 27.146     | 125,238.483 | 141,483.115 |        | 16,217.485 | 27.146     | 125,238.483 |
| 2031 | 2     | 4.565      | 114,053.782 | 130,874.015 |        | 16,815.669 | 4.565      | 114,053.782 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2031 | 3     | 57.751     | 107,815.309 | 121,301.954 |        | 13,428.894 | 57.751     | 107,815.309 |
| 2031 | 4     | 497.659    | 106,847.318 | 115,187.303 |        | 7,842.325  | 497.659    | 106,847.318 |
| 2031 | 5     | 1,642.239  | 108,815.141 | 113,174.306 |        | 2,716.926  | 1,642.239  | 108,815.141 |
| 2031 | 6     | 5,277.283  | 117,597.523 | 123,424.202 |        | 549.396    | 5,277.283  | 117,597.523 |
| 2031 | 7     | 11,527.241 | 118,648.638 | 130,222.423 |        | 46.543     | 11,527.241 | 118,648.638 |
| 2031 | 8     | 14,441.595 | 115,878.207 | 130,320.025 |        | 0.224      | 14,441.595 | 115,878.207 |
| 2031 | 9     | 13,028.021 | 119,212.541 | 132,244.677 |        | 4.115      | 13,028.021 | 119,212.541 |
| 2031 | 10    | 5,868.337  | 110,790.068 | 117,147.032 |        | 488.627    | 5,868.337  | 110,790.068 |
| 2031 | 11    | 1,335.668  | 107,796.792 | 112,271.465 |        | 3,139.004  | 1,335.668  | 107,796.792 |
| 2031 | 12    | 187.819    | 120,367.309 | 130,077.564 |        | 9,522.436  | 187.819    | 120,367.309 |
| 2032 | 1     | 27.069     | 125,796.185 | 141,992.927 |        | 16,169.674 | 27.069     | 125,796.185 |
| 2032 | 2     | 4.551      | 114,551.941 | 131,322.086 |        | 16,765.593 | 4.551      | 114,551.941 |
| 2032 | 3     | 57.583     | 108,302.912 | 121,749.027 |        | 13,388.532 | 57.583     | 108,302.912 |
| 2032 | 4     | 496.199    | 107,346.893 | 115,661.609 |        | 7,818.517  | 496.199    | 107,346.893 |
| 2032 | 5     | 1,637.372  | 109,305.010 | 113,650.978 |        | 2,708.597  | 1,637.372  | 109,305.010 |
| 2032 | 6     | 5,261.463  | 118,104.589 | 123,913.745 |        | 547.693    | 5,261.463  | 118,104.589 |
| 2032 | 7     | 11,492.328 | 119,146.004 | 130,684.729 |        | 46.397     | 11,492.328 | 119,146.004 |
| 2032 | 8     | 14,397.347 | 116,350.519 | 130,748.090 |        | 0.223      | 14,397.347 | 116,350.519 |
| 2032 | 9     | 12,987.646 | 119,699.566 | 132,691.314 |        | 4.102      | 12,987.646 | 119,699.566 |
| 2032 | 10    | 5,849.939  | 111,262.837 | 117,599.820 |        | 487.045    | 5,849.939  | 111,262.837 |
| 2032 | 11    | 1,331.433  | 108,262.567 | 112,722.731 |        | 3,128.731  | 1,331.433  | 108,262.567 |
| 2032 | 12    | 187.217    | 120,871.872 | 130,550.040 |        | 9,490.951  | 187.217    | 120,871.872 |
| 2033 | 1     | 26.960     | 126,230.535 | 142,354.736 |        | 16,097.241 | 26.960     | 126,230.535 |
| 2033 | 2     | 4.533      | 114,938.260 | 131,632.644 |        | 16,689.851 | 4.533      | 114,938.260 |
| 2033 | 3     | 57.345     | 108,679.243 | 122,064.126 |        | 13,327.537 | 57.345     | 108,679.243 |
| 2033 | 4     | 494.133    | 107,731.194 | 116,007.953 |        | 7,782.626  | 494.133    | 107,731.194 |
| 2033 | 5     | 1,630.500  | 109,680.699 | 114,007.271 |        | 2,696.072  | 1,630.500  | 109,680.699 |
| 2033 | 6     | 5,239.223  | 118,492.959 | 124,277.326 |        | 545.144    | 5,239.223  | 118,492.959 |
| 2033 | 7     | 11,443.417 | 119,526.331 | 131,015.928 |        | 46.180     | 11,443.417 | 119,526.331 |
| 2033 | 8     | 14,335.686 | 116,711.665 | 131,047.573 |        | 0.222      | 14,335.686 | 116,711.665 |
| 2033 | 9     | 12,931.722 | 120,072.360 | 133,008.165 |        | 4.083      | 12,931.722 | 120,072.360 |
| 2033 | 10    | 5,824.620  | 111,625.285 | 117,934.634 |        | 484.729    | 5,824.620  | 111,625.285 |
| 2033 | 11    | 1,325.646  | 108,620.558 | 113,059.999 |        | 3,113.795  | 1,325.646  | 108,620.558 |
| 2033 | 12    | 186.400    | 121,260.650 | 130,892.528 |        | 9,445.478  | 186.400    | 121,260.650 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2034 | 1     | 26.796     | 126,555.093 | 142,599.098 |        | 16,017.208 | 26.796     | 126,555.093 |
| 2034 | 2     | 4.505      | 115,227.744 | 131,838.773 |        | 16,606.524 | 4.505      | 115,227.744 |
| 2034 | 3     | 56.996     | 108,961.981 | 122,279.687 |        | 13,260.711 | 56.996     | 108,961.981 |
| 2034 | 4     | 491.111    | 108,020.833 | 116,255.409 |        | 7,743.465  | 491.111    | 108,020.833 |
| 2034 | 5     | 1,620.508  | 109,965.224 | 114,268.204 |        | 2,682.473  | 1,620.508  | 109,965.224 |
| 2034 | 6     | 5,207.059  | 118,788.460 | 124,537.907 |        | 542.388    | 5,207.059  | 118,788.460 |
| 2034 | 7     | 11,373.053 | 119,817.069 | 131,236.068 |        | 45.946     | 11,373.053 | 119,817.069 |
| 2034 | 8     | 14,247.446 | 116,989.241 | 131,236.908 |        | 0.221      | 14,247.446 | 116,989.241 |
| 2034 | 9     | 12,852.030 | 120,360.053 | 133,216.145 |        | 4.062      | 12,852.030 | 120,360.053 |
| 2034 | 10    | 5,788.674  | 111,905.904 | 118,176.841 |        | 482.263    | 5,788.674  | 111,905.904 |
| 2034 | 11    | 1,317.460  | 108,898.886 | 113,314.288 |        | 3,097.942  | 1,317.460  | 108,898.886 |
| 2034 | 12    | 185.249    | 121,564.246 | 131,146.864 |        | 9,397.370  | 185.249    | 121,564.246 |
| 2035 | 1     | 26.641     | 126,827.718 | 142,788.390 |        | 15,934.030 | 26.641     | 126,827.718 |
| 2035 | 2     | 4.479      | 115,472.520 | 131,997.240 |        | 16,520.240 | 4.479      | 115,472.520 |
| 2035 | 3     | 56.665     | 109,202.731 | 122,451.174 |        | 13,191.778 | 56.665     | 109,202.731 |
| 2035 | 4     | 488.261    | 108,268.983 | 116,460.447 |        | 7,703.203  | 488.261    | 108,268.983 |
| 2035 | 5     | 1,611.099  | 110,209.957 | 114,489.577 |        | 2,668.520  | 1,611.099  | 110,209.957 |
| 2035 | 6     | 5,176.799  | 119,043.045 | 124,759.408 |        | 539.564    | 5,176.799  | 119,043.045 |
| 2035 | 7     | 11,306.891 | 120,067.833 | 131,420.432 |        | 45.707     | 11,306.891 | 120,067.833 |
| 2035 | 8     | 14,164.431 | 117,228.252 | 131,392.903 |        | 0.220      | 14,164.431 | 117,228.252 |
| 2035 | 9     | 12,777.025 | 120,607.421 | 133,388.486 |        | 4.041      | 12,777.025 | 120,607.421 |
| 2035 | 10    | 5,754.823  | 112,146.713 | 118,381.270 |        | 479.734    | 5,754.823  | 112,146.713 |
| 2035 | 11    | 1,309.737  | 109,136.495 | 113,527.885 |        | 3,081.654  | 1,309.737  | 109,136.495 |
| 2035 | 12    | 184.160    | 121,821.764 | 131,353.736 |        | 9,347.812  | 184.160    | 121,821.764 |
| 2036 | 1     | 26.518     | 127,239.699 | 143,127.072 |        | 15,860.855 | 26.518     | 127,239.699 |
| 2036 | 2     | 4.458      | 115,839.675 | 132,288.026 |        | 16,443.893 | 4.458      | 115,839.675 |
| 2036 | 3     | 56.399     | 109,560.808 | 122,747.600 |        | 13,130.393 | 56.399     | 109,560.808 |
| 2036 | 4     | 485.954    | 108,634.623 | 116,787.683 |        | 7,667.106  | 485.954    | 108,634.623 |
| 2036 | 5     | 1,603.436  | 110,567.344 | 114,826.711 |        | 2,655.931  | 1,603.436  | 110,567.344 |
| 2036 | 6     | 5,152.011  | 119,412.139 | 125,101.152 |        | 537.001    | 5,152.011  | 119,412.139 |
| 2036 | 7     | 11,252.360 | 120,428.443 | 131,726.291 |        | 45.488     | 11,252.360 | 120,428.443 |
| 2036 | 8     | 14,095.642 | 117,569.750 | 131,665.611 |        | 0.219      | 14,095.642 | 117,569.750 |
| 2036 | 9     | 12,714.507 | 120,958.245 | 133,676.774 |        | 4.021      | 12,714.507 | 120,958.245 |
| 2036 | 10    | 5,726.442  | 112,485.802 | 118,689.631 |        | 477.387    | 5,726.442  | 112,485.802 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2036 | 11    | 1,303.226  | 109,469.043 | 113,838.725 |        | 3,066.456  | 1,303.226  | 109,469.043 |
| 2036 | 12    | 183.237    | 122,180.007 | 131,664.581 |        | 9,301.337  | 183.237    | 122,180.007 |
| 2037 | 1     | 26.384     | 127,611.542 | 143,419.573 |        | 15,781.647 | 26.384     | 127,611.542 |
| 2037 | 2     | 4.436      | 116,170.680 | 132,536.404 |        | 16,361.289 | 4.436      | 116,170.680 |
| 2037 | 3     | 56.112     | 109,883.413 | 123,003.558 |        | 13,064.033 | 56.112     | 109,883.413 |
| 2037 | 4     | 483.463    | 108,963.684 | 117,075.254 |        | 7,628.108  | 483.463    | 108,963.684 |
| 2037 | 5     | 1,595.161  | 110,888.266 | 115,125.756 |        | 2,642.329  | 1,595.161  | 110,888.266 |
| 2037 | 6     | 5,125.210  | 119,742.004 | 125,401.443 |        | 534.229    | 5,125.210  | 119,742.004 |
| 2037 | 7     | 11,193.306 | 120,748.978 | 131,987.535 |        | 45.251     | 11,193.306 | 120,748.978 |
| 2037 | 8     | 14,020.957 | 117,871.046 | 131,892.220 |        | 0.217      | 14,020.957 | 117,871.046 |
| 2037 | 9     | 12,646.428 | 121,265.054 | 133,915.481 |        | 4.000      | 12,646.428 | 121,265.054 |
| 2037 | 10    | 5,695.443  | 112,779.556 | 118,949.820 |        | 474.821    | 5,695.443  | 112,779.556 |
| 2037 | 11    | 1,296.093  | 109,754.148 | 114,100.031 |        | 3,049.790  | 1,296.093  | 109,754.148 |
| 2037 | 12    | 182.223    | 122,483.817 | 131,916.248 |        | 9,250.209  | 182.223    | 122,483.817 |
| 2038 | 1     | 26.236     | 127,923.177 | 143,643.385 |        | 15,693.972 | 26.236     | 127,923.177 |
| 2038 | 2     | 4.411      | 116,445.072 | 132,719.028 |        | 16,269.545 | 4.411      | 116,445.072 |
| 2038 | 3     | 55.792     | 110,147.857 | 123,193.740 |        | 12,990.092 | 55.792     | 110,147.857 |
| 2038 | 4     | 480.683    | 109,230.666 | 117,295.893 |        | 7,584.544  | 480.683    | 109,230.666 |
| 2038 | 5     | 1,585.908  | 111,146.096 | 115,359.107 |        | 2,627.103  | 1,585.908  | 111,146.096 |
| 2038 | 6     | 5,095.252  | 120,005.769 | 125,632.148 |        | 531.127    | 5,095.252  | 120,005.769 |
| 2038 | 7     | 11,127.455 | 121,005.136 | 132,177.577 |        | 44.987     | 11,127.455 | 121,005.136 |
| 2038 | 8     | 13,937.939 | 118,112.065 | 132,050.220 |        | 0.216      | 13,937.939 | 118,112.065 |
| 2038 | 9     | 12,571.174 | 121,512.180 | 134,087.330 |        | 3.976      | 12,571.174 | 121,512.180 |
| 2038 | 10    | 5,661.398  | 113,018.400 | 119,151.800 |        | 472.002    | 5,661.398  | 113,018.400 |
| 2038 | 11    | 1,288.315  | 109,988.809 | 114,308.732 |        | 3,031.608  | 1,288.315  | 109,988.809 |
| 2038 | 12    | 181.126    | 122,737.861 | 132,113.886 |        | 9,194.899  | 181.126    | 122,737.861 |
| 2039 | 1     | 26.079     | 128,191.079 | 143,817.290 |        | 15,600.133 | 26.079     | 128,191.079 |
| 2039 | 2     | 4.384      | 116,686.133 | 132,862.819 |        | 16,172.302 | 4.384      | 116,686.133 |
| 2039 | 3     | 55.457     | 110,385.718 | 123,353.688 |        | 12,912.513 | 55.457     | 110,385.718 |
| 2039 | 4     | 477.797    | 109,476.647 | 117,493.740 |        | 7,539.295  | 477.797    | 109,476.647 |
| 2039 | 5     | 1,576.395  | 111,389.580 | 115,577.423 |        | 2,611.448  | 1,576.395  | 111,389.580 |
| 2039 | 6     | 5,064.729  | 120,260.582 | 125,853.277 |        | 527.966    | 5,064.729  | 120,260.582 |
| 2039 | 7     | 11,060.882 | 121,257.637 | 132,363.239 |        | 44.719     | 11,060.882 | 121,257.637 |
| 2039 | 8     | 13,854.648 | 118,354.462 | 132,209.325 |        | 0.215      | 13,854.648 | 118,354.462 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating    | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|------------|------------|-------------|
| 2039 | 9     | 12,496.148 | 121,764.965 | 134,265.065 |        | 3.953      | 12,496.148 | 121,764.965 |
| 2039 | 10    | 5,627.637  | 113,266.316 | 119,363.158 |        | 469.205    | 5,627.637  | 113,266.316 |
| 2039 | 11    | 1,280.636  | 110,235.347 | 114,529.639 |        | 3,013.656  | 1,280.636  | 110,235.347 |
| 2039 | 12    | 180.046    | 123,006.582 | 132,327.050 |        | 9,140.422  | 180.046    | 123,006.582 |
| 2040 | 1     | 25.923     | 128,474.681 | 144,008.391 |        | 15,507.787 | 25.923     | 128,474.681 |
| 2040 | 2     | 4.358      | 116,941.128 | 133,022.067 |        | 16,076.582 | 4.358      | 116,941.128 |
| 2040 | 3     | 55.126     | 110,636.353 | 123,527.516 |        | 12,836.037 | 55.126     | 110,636.353 |
| 2040 | 4     | 474.942    | 109,733.671 | 117,703.160 |        | 7,494.547  | 474.942    | 109,733.671 |
| 2040 | 5     | 1,566.946  | 111,640.997 | 115,803.838 |        | 2,595.895  | 1,566.946  | 111,640.997 |
| 2040 | 6     | 5,034.229  | 120,519.529 | 126,078.565 |        | 524.807    | 5,034.229  | 120,519.529 |
| 2040 | 7     | 10,993.880 | 121,509.299 | 132,547.629 |        | 44.450     | 10,993.880 | 121,509.299 |
| 2040 | 8     | 13,770.150 | 118,590.766 | 132,361.129 |        | 0.214      | 13,770.150 | 118,590.766 |
| 2040 | 9     | 12,419.315 | 122,004.891 | 134,428.134 |        | 3.928      | 12,419.315 | 122,004.891 |
| 2040 | 10    | 5,592.768  | 113,495.814 | 119,554.898 |        | 466.316    | 5,592.768  | 113,495.814 |
| 2040 | 11    | 1,272.634  | 110,457.404 | 114,724.979 |        | 2,994.941  | 1,272.634  | 110,457.404 |
| 2040 | 12    | 178.911    | 123,242.806 | 132,504.911 |        | 9,083.193  | 178.911    | 123,242.806 |
| 2041 | 1     | 25.758     | 128,716.133 | 144,151.550 |        | 15,409.659 | 25.758     | 128,716.133 |
| 2041 | 2     | 4.330      | 117,151.633 | 133,129.876 |        | 15,973.913 | 4.330      | 117,151.633 |
| 2041 | 3     | 54.769     | 110,837.791 | 123,645.942 |        | 12,753.382 | 54.769     | 110,837.791 |
| 2041 | 4     | 471.843    | 109,936.018 | 117,853.792 |        | 7,445.931  | 471.843    | 109,936.018 |
| 2041 | 5     | 1,556.667  | 111,836.897 | 115,972.532 |        | 2,578.968  | 1,556.667  | 111,836.897 |
| 2041 | 6     | 5,001.088  | 120,721.085 | 126,243.546 |        | 521.373    | 5,001.088  | 120,721.085 |
| 2041 | 7     | 10,921.404 | 121,707.261 | 132,672.824 |        | 44.159     | 10,921.404 | 121,707.261 |
| 2041 | 8     | 13,679.434 | 118,780.703 | 132,460.349 |        | 0.212      | 13,679.434 | 118,780.703 |
| 2041 | 9     | 12,337.784 | 122,204.906 | 134,546.593 |        | 3.903      | 12,337.784 | 122,204.906 |
| 2041 | 10    | 5,556.246  | 113,695.417 | 119,714.953 |        | 463.289    | 5,556.246  | 113,695.417 |
| 2041 | 11    | 1,264.392  | 110,661.664 | 114,901.719 |        | 2,975.663  | 1,264.392  | 110,661.664 |
| 2041 | 12    | 177.765    | 123,473.859 | 132,676.957 |        | 9,025.333  | 177.765    | 123,473.859 |
| 2042 | 1     | 25.595     | 128,970.946 | 144,309.332 |        | 15,312.790 | 25.595     | 128,970.946 |
| 2042 | 2     | 4.303      | 117,391.255 | 133,270.572 |        | 15,875.015 | 4.303      | 117,391.255 |
| 2042 | 3     | 54.434     | 111,085.664 | 123,815.911 |        | 12,675.813 | 54.434     | 111,085.664 |
| 2042 | 4     | 469.015    | 110,206.056 | 118,076.665 |        | 7,401.593  | 469.015    | 110,206.056 |
| 2042 | 5     | 1,547.554  | 112,118.978 | 116,230.502 |        | 2,563.971  | 1,547.554  | 112,118.978 |
| 2042 | 6     | 4,972.594  | 121,033.443 | 126,524.459 |        | 518.422    | 4,972.594  | 121,033.443 |

KPCo Com el Output

| Year | Month | Cooling    | Other       | Total       | Actual | Heating   | Cooling    | Other       |
|------|-------|------------|-------------|-------------|--------|-----------|------------|-------------|
| 2042 | 7     | 10,861.046 | 122,035.389 | 132,940.352 |        | 43.916    | 10,861.046 | 122,035.389 |
| 2042 | 8     | 13,606.452 | 119,115.790 | 132,722.453 |        | 0.211     | 13,606.452 | 119,115.790 |
| 2042 | 9     | 12,274.439 | 122,576.129 | 134,854.452 |        | 3.883     | 12,274.439 | 122,576.129 |
| 2042 | 10    | 5,528.937  | 114,083.237 | 120,073.204 |        | 461.030   | 5,528.937  | 114,083.237 |
| 2042 | 11    | 1,258.470  | 111,072.507 | 115,292.817 |        | 2,961.840 | 1,258.470  | 111,072.507 |
| 2042 | 12    | 176.976    | 123,952.248 | 133,114.856 |        | 8,985.632 | 176.976    | 123,952.248 |

KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2000 | 1     | 116,047.526 |             | 21,056.272 | 0.000      | 94,991.254  | 116,047.526 |
| 2000 | 2     | 114,186.445 |             | 26,571.664 | 0.000      | 87,614.781  | 114,186.445 |
| 2000 | 3     | 97,738.698  |             | 15,050.673 | 86.797     | 82,601.228  | 97,738.698  |
| 2000 | 4     | 89,933.021  |             | 7,387.156  | 237.275    | 82,308.590  | 89,933.021  |
| 2000 | 5     | 92,491.053  |             | 3,214.673  | 2,305.476  | 86,970.904  | 92,491.053  |
| 2000 | 6     | 104,856.512 |             | 599.108    | 7,354.458  | 96,902.946  | 104,856.512 |
| 2000 | 7     | 108,139.356 |             | 1.338      | 13,947.027 | 94,190.992  | 108,139.356 |
| 2000 | 8     | 108,808.599 |             | 0.000      | 13,593.162 | 95,215.437  | 108,808.599 |
| 2000 | 9     | 111,962.571 |             | 19.983     | 12,382.966 | 99,559.621  | 111,962.571 |
| 2000 | 10    | 96,372.646  |             | 1,088.599  | 5,957.363  | 89,326.684  | 96,372.646  |
| 2000 | 11    | 91,910.570  |             | 4,041.993  | 1,421.632  | 86,446.944  | 91,910.570  |
| 2000 | 12    | 116,962.002 |             | 19,146.965 | 152.382    | 97,662.654  | 116,962.002 |
| 2001 | 1     | 133,855.099 |             | 32,338.001 | 0.000      | 101,517.098 | 133,855.099 |
| 2001 | 2     | 113,502.985 |             | 26,393.387 | 0.000      | 87,109.598  | 113,502.985 |
| 2001 | 3     | 102,783.439 |             | 18,731.728 | 0.000      | 84,051.711  | 102,783.439 |
| 2001 | 4     | 100,194.170 |             | 13,324.219 | 1,670.478  | 85,199.473  | 100,194.170 |
| 2001 | 5     | 97,747.035  |             | 4,313.465  | 4,231.981  | 89,201.589  | 97,747.035  |
| 2001 | 6     | 100,454.096 |             | 561.027    | 5,452.504  | 94,440.565  | 100,454.096 |
| 2001 | 7     | 109,764.201 |             | 27.708     | 11,573.321 | 98,163.172  | 109,764.201 |
| 2001 | 8     | 113,401.689 |             | 0.000      | 17,402.559 | 95,999.130  | 113,401.689 |
| 2001 | 9     | 113,736.599 |             | 3.944      | 16,458.089 | 97,274.566  | 113,736.599 |
| 2001 | 10    | 95,920.901  |             | 804.320    | 6,526.985  | 88,589.596  | 95,920.901  |
| 2001 | 11    | 95,928.175  |             | 4,110.766  | 1,724.373  | 90,093.037  | 95,928.175  |
| 2001 | 12    | 104,780.728 |             | 6,866.003  | 323.603    | 97,591.122  | 104,780.728 |
| 2002 | 1     | 123,908.849 |             | 20,183.705 | 9.443      | 103,715.701 | 123,908.849 |
| 2002 | 2     | 108,018.632 |             | 19,163.324 | 0.000      | 88,855.308  | 108,018.632 |
| 2002 | 3     | 107,309.834 |             | 16,393.180 | 50.155     | 90,866.499  | 107,309.834 |
| 2002 | 4     | 102,537.198 |             | 10,671.169 | 804.903    | 91,061.125  | 102,537.198 |
| 2002 | 5     | 95,971.433  |             | 3,895.794  | 2,477.317  | 89,598.321  | 95,971.433  |
| 2002 | 6     | 105,281.480 |             | 1,653.659  | 6,906.410  | 96,721.411  | 105,281.480 |
| 2002 | 7     | 117,418.613 |             | 343.848    | 15,850.703 | 101,224.062 | 117,418.613 |
| 2002 | 8     | 119,368.151 |             | 0.000      | 21,130.256 | 98,237.895  | 119,368.151 |
| 2002 | 9     | 119,695.342 |             | 0.000      | 21,291.448 | 98,403.894  | 119,695.342 |
| 2002 | 10    | 104,899.305 |             | 378.252    | 11,185.000 | 93,336.052  | 104,899.305 |



KPCo Com el Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2002 | 11    | 96,109.986  |             | 4,741.620  | 2,635.714  | 88,732.652  | 96,109.986  |
| 2002 | 12    | 117,232.396 |             | 16,765.597 | 307.759    | 100,159.040 | 117,232.396 |
| 2003 | 1     | 126,690.479 |             | 23,036.336 | 29.393     | 103,624.750 | 126,690.479 |
| 2003 | 2     | 122,779.645 |             | 28,063.468 | 0.000      | 94,716.177  | 122,779.645 |
| 2003 | 3     | 110,450.623 |             | 22,429.616 | 0.000      | 88,021.007  | 110,450.623 |
| 2003 | 4     | 98,087.839  |             | 9,237.988  | 676.932    | 88,172.918  | 98,087.839  |
| 2003 | 5     | 98,693.053  |             | 2,218.861  | 1,889.502  | 94,584.690  | 98,693.053  |
| 2003 | 6     | 102,213.915 |             | 306.160    | 2,968.196  | 98,939.559  | 102,213.915 |
| 2003 | 7     | 112,755.640 |             | 0.000      | 10,752.288 | 102,003.352 | 112,755.640 |
| 2003 | 8     | 112,586.731 |             | 0.000      | 14,290.524 | 98,296.207  | 112,586.731 |
| 2003 | 9     | 120,287.932 |             | 0.000      | 15,048.991 | 105,238.941 | 120,287.932 |
| 2003 | 10    | 101,482.944 |             | 1,032.551  | 5,284.413  | 95,165.980  | 101,482.944 |
| 2003 | 11    | 96,076.452  |             | 3,140.480  | 898.054    | 92,037.919  | 96,076.452  |
| 2003 | 12    | 116,012.153 |             | 11,791.243 | 182.203    | 104,038.707 | 116,012.153 |
| 2004 | 1     | 131,261.208 |             | 21,186.139 | 53.524     | 110,021.545 | 131,261.208 |
| 2004 | 2     | 125,201.652 |             | 25,401.916 | 22.468     | 99,777.268  | 125,201.652 |
| 2004 | 3     | 109,248.068 |             | 18,268.590 | 103.840    | 90,875.637  | 109,248.068 |
| 2004 | 4     | 106,039.027 |             | 10,759.302 | 615.448    | 94,664.277  | 106,039.027 |
| 2004 | 5     | 102,893.619 |             | 3,775.878  | 3,311.401  | 95,806.340  | 102,893.619 |
| 2004 | 6     | 117,520.056 |             | 681.852    | 10,121.818 | 106,716.385 | 117,520.056 |
| 2004 | 7     | 118,976.058 |             | 38.298     | 14,238.351 | 104,699.409 | 118,976.058 |
| 2004 | 8     | 114,443.781 |             | 0.000      | 14,314.577 | 100,129.204 | 114,443.781 |
| 2004 | 9     | 117,319.080 |             | 0.000      | 13,232.570 | 104,086.510 | 117,319.080 |
| 2004 | 10    | 105,855.611 |             | 276.001    | 6,051.699  | 99,527.910  | 105,855.611 |
| 2004 | 11    | 98,814.807  |             | 1,820.963  | 1,479.570  | 95,514.273  | 98,814.807  |
| 2004 | 12    | 117,815.552 |             | 9,536.182  | 295.392    | 107,983.979 | 117,815.552 |
| 2005 | 1     | 129,923.747 |             | 17,708.554 | 29.680     | 112,185.513 | 129,923.747 |
| 2005 | 2     | 124,572.174 |             | 20,587.643 | 0.000      | 103,984.531 | 124,572.174 |
| 2005 | 3     | 117,738.854 |             | 19,002.671 | 0.000      | 98,736.183  | 117,738.854 |
| 2005 | 4     | 108,703.503 |             | 11,268.541 | 255.965    | 97,178.997  | 108,703.503 |
| 2005 | 5     | 100,091.466 |             | 3,910.293  | 984.138    | 95,197.034  | 100,091.466 |
| 2005 | 6     | 112,547.882 |             | 910.186    | 5,943.884  | 105,693.811 | 112,547.882 |
| 2005 | 7     | 123,433.600 |             | 85.908     | 17,448.713 | 105,898.979 | 123,433.600 |
| 2005 | 8     | 128,530.449 |             | 0.000      | 24,303.250 | 104,227.199 | 128,530.449 |

KPCo Com el Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2005 | 9     | 129,452.716 |             | 0.000      | 21,800.176 | 107,652.540 | 129,452.716 |
| 2005 | 10    | 112,861.111 |             | 155.760    | 11,542.694 | 101,162.658 | 112,861.111 |
| 2005 | 11    | 105,939.343 |             | 4,058.817  | 2,707.692  | 99,172.834  | 105,939.343 |
| 2005 | 12    | 127,394.438 |             | 15,979.726 | 221.346    | 111,193.365 | 127,394.438 |
| 2006 | 1     | 135,491.865 |             | 19,494.330 | 22.949     | 115,974.586 | 135,491.865 |
| 2006 | 2     | 120,935.026 |             | 15,619.342 | 0.000      | 105,315.684 | 120,935.026 |
| 2006 | 3     | 113,477.407 |             | 15,795.911 | 55.694     | 97,625.802  | 113,477.407 |
| 2006 | 4     | 104,629.615 |             | 10,476.015 | 694.012    | 93,459.588  | 104,629.615 |
| 2006 | 5     | 103,898.105 |             | 2,746.648  | 1,410.087  | 99,741.371  | 103,898.105 |
| 2006 | 6     | 112,025.548 |             | 294.142    | 4,998.493  | 106,732.914 | 112,025.548 |
| 2006 | 7     | 121,843.927 |             | 35.553     | 12,725.801 | 109,082.573 | 121,843.927 |
| 2006 | 8     | 125,800.380 |             | 0.000      | 20,126.173 | 105,674.207 | 125,800.380 |
| 2006 | 9     | 127,451.376 |             | 25.463     | 17,234.740 | 110,191.173 | 127,451.376 |
| 2006 | 10    | 107,090.517 |             | 1,020.955  | 5,146.894  | 100,922.667 | 107,090.517 |
| 2006 | 11    | 105,875.300 |             | 5,897.327  | 613.456    | 99,364.517  | 105,875.300 |
| 2006 | 12    | 121,307.334 |             | 11,393.126 | 155.508    | 109,758.700 | 121,307.334 |
| 2007 | 1     | 127,171.780 |             | 13,493.181 | 53.696     | 113,624.903 | 127,171.780 |
| 2007 | 2     | 132,079.582 |             | 21,479.105 | 3.981      | 110,596.496 | 132,079.582 |
| 2007 | 3     | 122,153.425 |             | 21,490.300 | 90.700     | 100,572.426 | 122,153.425 |
| 2007 | 4     | 112,596.647 |             | 11,065.983 | 1,282.041  | 100,248.623 | 112,596.647 |
| 2007 | 5     | 109,476.174 |             | 3,901.654  | 2,520.281  | 103,054.239 | 109,476.174 |
| 2007 | 6     | 117,861.062 |             | 785.631    | 8,285.741  | 108,789.690 | 117,861.062 |
| 2007 | 7     | 122,280.244 |             | 28.471     | 14,686.499 | 107,565.274 | 122,280.244 |
| 2007 | 8     | 125,107.341 |             | 0.000      | 17,888.841 | 107,218.500 | 125,107.341 |
| 2007 | 9     | 135,178.765 |             | 0.000      | 20,723.874 | 114,454.891 | 135,178.765 |
| 2007 | 10    | 116,735.402 |             | 172.145    | 12,389.822 | 104,173.435 | 116,735.402 |
| 2007 | 11    | 108,929.699 |             | 3,471.095  | 3,683.620  | 101,774.983 | 108,929.699 |
| 2007 | 12    | 122,828.829 |             | 11,586.722 | 442.144    | 110,799.963 | 122,828.829 |
| 2008 | 1     | 135,988.541 |             | 17,664.191 | 0.000      | 118,324.350 | 135,988.541 |
| 2008 | 2     | 128,780.732 |             | 19,572.349 | 0.000      | 109,208.383 | 128,780.732 |
| 2008 | 3     | 122,687.264 |             | 18,341.800 | 0.000      | 104,345.464 | 122,687.264 |
| 2008 | 4     | 112,736.807 |             | 10,647.202 | 59.637     | 102,029.968 | 112,736.807 |
| 2008 | 5     | 103,319.366 |             | 3,284.897  | 770.355    | 99,264.114  | 103,319.366 |
| 2008 | 6     | 114,938.687 |             | 553.378    | 4,943.789  | 109,441.520 | 114,938.687 |

KPCo Com el Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2008 | 7     | 122,829.355 |             | 31.010     | 11,145.113 | 111,653.232 | 122,829.355 |
| 2008 | 8     | 124,863.559 |             | 0.000      | 14,563.074 | 110,300.485 | 124,863.559 |
| 2008 | 9     | 127,141.733 |             | 0.000      | 14,651.657 | 112,490.076 | 127,141.733 |
| 2008 | 10    | 111,421.466 |             | 217.612    | 7,531.529  | 103,672.325 | 111,421.466 |
| 2008 | 11    | 106,285.450 |             | 4,349.511  | 1,617.413  | 100,318.526 | 106,285.450 |
| 2008 | 12    | 131,453.157 |             | 16,637.646 | 94.886     | 114,720.624 | 131,453.157 |
| 2009 | 1     | 140,607.601 |             | 21,993.710 | 0.000      | 118,613.891 | 140,607.601 |
| 2009 | 2     | 135,440.164 |             | 23,321.375 | 0.000      | 112,118.789 | 135,440.164 |
| 2009 | 3     | 117,944.093 |             | 17,350.904 | 159.877    | 100,433.312 | 117,944.093 |
| 2009 | 4     | 108,021.954 |             | 8,601.253  | 182.623    | 99,238.078  | 108,021.954 |
| 2009 | 5     | 105,589.961 |             | 2,709.445  | 2,454.379  | 100,426.137 | 105,589.961 |
| 2009 | 6     | 114,602.837 |             | 516.716    | 5,742.474  | 108,343.648 | 114,602.837 |
| 2009 | 7     | 119,391.195 |             | 38.643     | 10,098.402 | 109,254.150 | 119,391.195 |
| 2009 | 8     | 118,640.006 |             | 0.000      | 11,278.033 | 107,361.973 | 118,640.006 |
| 2009 | 9     | 122,206.783 |             | 0.000      | 11,120.373 | 111,086.410 | 122,206.783 |
| 2009 | 10    | 110,816.069 |             | 824.110    | 5,672.885  | 104,319.075 | 110,816.069 |
| 2009 | 11    | 102,272.004 |             | 3,491.715  | 1,078.927  | 97,701.362  | 102,272.004 |
| 2009 | 12    | 122,093.414 |             | 10,576.879 | 52.330     | 111,464.205 | 122,093.414 |
| 2010 | 1     | 145,310.559 |             | 22,674.111 | 2.828      | 122,633.620 | 145,310.559 |
| 2010 | 2     | 130,432.772 |             | 22,993.886 | 0.000      | 107,438.886 | 130,432.772 |
| 2010 | 3     | 125,707.234 |             | 19,979.098 | 0.000      | 105,728.136 | 125,707.234 |
| 2010 | 4     | 109,887.187 |             | 8,460.850  | 979.300    | 100,447.037 | 109,887.187 |
| 2010 | 5     | 103,329.990 |             | 1,970.213  | 1,778.905  | 99,580.872  | 103,329.990 |
| 2010 | 6     | 120,865.708 |             | 448.244    | 8,009.678  | 112,407.786 | 120,865.708 |
| 2010 | 7     | 128,707.608 |             | 48.284     | 15,799.298 | 112,860.026 | 128,707.608 |
| 2010 | 8     | 130,361.661 |             | 0.000      | 19,470.587 | 110,891.074 | 130,361.661 |
| 2010 | 9     | 127,048.334 |             | 0.000      | 16,041.324 | 111,007.010 | 127,048.334 |
| 2010 | 10    | 109,352.301 |             | 277.713    | 7,589.961  | 101,484.627 | 109,352.301 |
| 2010 | 11    | 101,528.605 |             | 3,006.410  | 1,700.400  | 96,821.794  | 101,528.605 |
| 2010 | 12    | 126,389.758 |             | 14,243.305 | 141.120    | 112,005.333 | 126,389.758 |
| 2011 | 1     | 149,474.961 |             | 25,415.651 | 0.000      | 124,059.310 | 149,474.961 |
| 2011 | 2     | 127,879.055 |             | 23,377.290 | 0.000      | 104,501.765 | 127,879.055 |
| 2011 | 3     | 113,092.783 |             | 14,602.746 | 59.741     | 98,430.296  | 113,092.783 |
| 2011 | 4     | 105,814.349 |             | 8,750.384  | 600.393    | 96,463.572  | 105,814.349 |

KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2011 | 5     | 104,301.749 |             | 3,123.026  | 1,990.554  | 99,188.169  | 104,301.749 |
| 2011 | 6     | 113,790.394 |             | 749.683    | 7,277.222  | 105,763.488 | 113,790.394 |
| 2011 | 7     | 120,705.549 |             | 123.042    | 12,691.236 | 107,891.271 | 120,705.549 |
| 2011 | 8     | 126,716.547 |             | 0.000      | 18,294.975 | 108,421.572 | 126,716.547 |
| 2011 | 9     | 121,535.210 |             | 4.044      | 14,263.527 | 107,267.639 | 121,535.210 |
| 2011 | 10    | 104,793.449 |             | 703.639    | 4,620.592  | 99,469.218  | 104,793.449 |
| 2011 | 11    | 101,275.539 |             | 3,692.798  | 565.532    | 97,017.209  | 101,275.539 |
| 2011 | 12    | 117,315.025 |             | 8,217.780  | 74.008     | 109,023.237 | 117,315.025 |
| 2012 | 1     | 127,270.254 |             | 14,370.469 | 20.079     | 112,879.706 | 127,270.254 |
| 2012 | 2     | 118,462.493 |             | 15,147.809 | 0.000      | 103,314.684 | 118,462.493 |
| 2012 | 3     | 108,112.960 |             | 11,815.105 | 322.174    | 95,975.682  | 108,112.960 |
| 2012 | 4     | 99,605.522  |             | 4,504.458  | 1,488.622  | 93,612.442  | 99,605.522  |
| 2012 | 5     | 101,832.004 |             | 1,764.928  | 2,464.823  | 97,602.253  | 101,832.004 |
| 2012 | 6     | 110,870.167 |             | 408.668    | 6,734.111  | 103,727.388 | 110,870.167 |
| 2012 | 7     | 122,720.070 |             | 2.058      | 15,717.762 | 107,000.251 | 122,720.070 |
| 2012 | 8     | 118,371.520 |             | 0.000      | 16,997.016 | 101,374.504 | 118,371.520 |
| 2012 | 9     | 120,105.278 |             | 14.650     | 13,817.433 | 106,273.195 | 120,105.278 |
| 2012 | 10    | 102,106.003 |             | 941.290    | 5,178.855  | 95,985.858  | 102,106.003 |
| 2012 | 11    | 101,170.198 |             | 5,224.143  | 1,011.593  | 94,934.462  | 101,170.198 |
| 2012 | 12    | 116,894.043 |             | 10,411.088 | 101.196    | 106,381.758 | 116,894.043 |
| 2013 | 1     | 127,144.101 |             | 16,381.565 | 0.000      | 110,762.536 | 127,144.101 |
| 2013 | 2     | 121,020.080 |             | 18,313.016 | 0.000      | 102,707.064 | 121,020.080 |
| 2013 | 3     | 110,721.865 | -500        | 15,324.638 | 62.568     | 94,834.658  | 110,221.865 |
| 2013 | 4     | 103,504.598 | -500        | 9,034.265  | 543.645    | 93,426.688  | 103,004.598 |
| 2013 | 5     | 100,954.343 | -500        | 3,128.904  | 1,793.435  | 95,532.005  | 100,454.343 |
| 2013 | 6     | 110,629.779 | -500        | 632.515    | 5,761.436  | 103,735.828 | 110,129.779 |
| 2013 | 7     | 118,128.691 | -500        | 53.604     | 12,589.239 | 104,985.848 | 117,628.691 |
| 2013 | 8     | 119,081.915 | -500        | 0.258      | 15,776.499 | 102,805.158 | 118,581.915 |
| 2013 | 9     | 120,367.146 | -500        | 4.740      | 14,230.557 | 105,631.848 | 119,867.146 |
| 2013 | 10    | 104,961.226 | -500        | 562.851    | 6,410.120  | 97,488.255  | 104,461.226 |
| 2013 | 11    | 100,190.990 | -500        | 3,617.136  | 1,459.508  | 94,614.346  | 99,690.990  |
| 2013 | 12    | 117,744.731 | -500        | 10,977.272 | 205.315    | 106,062.144 | 117,244.731 |
| 2014 | 1     | 130,158.999 | -500        | 18,436.876 | 29.340     | 111,192.783 | 129,658.999 |
| 2014 | 2     | 121,053.964 | -500        | 19,126.304 | 4.936      | 101,422.725 | 120,553.964 |

KPCo Com el Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2014 | 3     | 111,207.656 | -500        | 15,274.391 | 62.448     | 95,370.817  | 110,707.656 |
| 2014 | 4     | 104,038.379 | -500        | 8,924.472  | 538.402    | 94,075.506  | 103,538.379 |
| 2014 | 5     | 101,640.037 | -500        | 3,093.977  | 1,777.919  | 96,268.141  | 101,140.037 |
| 2014 | 6     | 111,455.877 | -500        | 626.135    | 5,717.806  | 104,611.937 | 110,955.877 |
| 2014 | 7     | 118,921.452 | -500        | 53.074     | 12,496.484 | 105,871.895 | 118,421.452 |
| 2014 | 8     | 119,823.853 | -500        | 0.255      | 15,661.658 | 103,661.941 | 119,323.853 |
| 2014 | 9     | 121,198.772 | -500        | 4.696      | 14,132.597 | 106,561.479 | 120,698.772 |
| 2014 | 10    | 105,832.545 | -500        | 557.618    | 6,366.659  | 98,408.267  | 105,332.545 |
| 2014 | 11    | 101,074.884 | -500        | 3,583.980  | 1,449.803  | 95,541.101  | 100,574.884 |
| 2014 | 12    | 118,667.876 | -500        | 10,877.864 | 203.972    | 107,086.040 | 118,167.876 |
| 2015 | 1     | 130,974.385 | -500        | 18,205.149 | 29.154     | 112,240.082 | 130,474.385 |
| 2015 | 2     | 121,716.006 | -500        | 18,879.430 | 4.903      | 102,331.673 | 121,216.006 |
| 2015 | 3     | 111,920.440 | -500        | 15,079.329 | 62.039     | 96,279.072  | 111,420.440 |
| 2015 | 4     | 104,823.115 | -500        | 8,807.625  | 534.703    | 94,980.787  | 104,323.115 |
| 2015 | 5     | 102,428.700 | -500        | 3,051.878  | 1,764.787  | 97,112.036  | 101,928.700 |
| 2015 | 6     | 112,220.084 | -500        | 617.235    | 5,672.080  | 105,430.769 | 111,720.084 |
| 2015 | 7     | 119,586.898 | -500        | 52.299     | 12,391.780 | 106,642.818 | 119,086.898 |
| 2015 | 8     | 120,409.856 | -500        | 0.251      | 15,527.497 | 104,382.108 | 119,909.856 |
| 2015 | 9     | 121,815.321 | -500        | 4.626      | 14,010.159 | 107,300.535 | 121,315.321 |
| 2015 | 10    | 106,498.938 | -500        | 549.357    | 6,311.889  | 99,137.692  | 105,998.938 |
| 2015 | 11    | 101,703.375 | -500        | 3,529.807  | 1,436.893  | 96,236.675  | 101,203.375 |
| 2015 | 12    | 119,223.790 | -500        | 10,709.969 | 202.091    | 107,811.730 | 118,723.790 |
| 2016 | 1     | 131,519.336 | -500        | 17,919.314 | 28.928     | 113,071.094 | 131,019.336 |
| 2016 | 2     | 122,174.720 | -500        | 18,584.289 | 4.865      | 103,085.566 | 121,674.720 |
| 2016 | 3     | 112,433.703 | -500        | 14,844.531 | 61.567     | 97,027.605  | 111,933.703 |
| 2016 | 4     | 105,459.125 | -500        | 8,670.889  | 530.662    | 95,757.574  | 104,959.125 |
| 2016 | 5     | 103,138.665 | -500        | 3,004.609  | 1,751.514  | 97,882.542  | 102,638.665 |
| 2016 | 6     | 112,974.286 | -500        | 607.690    | 5,629.559  | 106,237.036 | 112,474.286 |
| 2016 | 7     | 120,291.583 | -500        | 51.492     | 12,299.093 | 107,440.999 | 119,791.583 |
| 2016 | 8     | 121,058.401 | -500        | 0.248      | 15,411.431 | 105,146.723 | 120,558.401 |
| 2016 | 9     | 122,505.052 | -500        | 4.555      | 13,905.387 | 108,095.111 | 122,005.052 |
| 2016 | 10    | 107,219.984 | -500        | 540.866    | 6,264.617  | 99,914.501  | 106,719.984 |
| 2016 | 11    | 102,407.807 | -500        | 3,475.179  | 1,426.103  | 97,006.525  | 101,907.807 |
| 2016 | 12    | 119,894.225 | -500        | 10,543.952 | 200.568    | 108,649.705 | 119,394.225 |

KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2017 | 1     | 132,133.859 | -500        | 17,681.861 | 28.706     | 113,923.291 | 131,633.859 |
| 2017 | 2     | 122,665.014 | -500        | 18,333.334 | 4.827      | 103,826.853 | 122,165.014 |
| 2017 | 3     | 112,933.680 | -500        | 14,640.223 | 61.064     | 97,732.394  | 112,433.680 |
| 2017 | 4     | 106,035.257 | -500        | 8,549.399  | 526.192    | 96,459.666  | 105,535.257 |
| 2017 | 5     | 103,749.785 | -500        | 2,961.784  | 1,736.335  | 98,551.666  | 103,249.785 |
| 2017 | 6     | 113,588.575 | -500        | 598.884    | 5,579.422  | 106,910.269 | 113,088.575 |
| 2017 | 7     | 120,819.624 | -500        | 50.733     | 12,186.676 | 108,082.216 | 120,319.624 |
| 2017 | 8     | 121,505.235 | -500        | 0.244      | 15,266.995 | 105,737.996 | 121,005.235 |
| 2017 | 9     | 122,962.992 | -500        | 4.485      | 13,771.886 | 108,686.621 | 122,462.992 |
| 2017 | 10    | 107,705.712 | -500        | 532.528    | 6,202.998  | 100,470.187 | 107,205.712 |
| 2017 | 11    | 102,869.001 | -500        | 3,420.825  | 1,411.755  | 97,536.420  | 102,369.001 |
| 2017 | 12    | 120,280.397 | -500        | 10,376.780 | 198.507    | 109,205.110 | 119,780.397 |
| 2018 | 1     | 132,501.350 | -500        | 17,421.791 | 28.479     | 114,551.080 | 132,001.350 |
| 2018 | 2     | 122,949.683 | -500        | 18,062.129 | 4.788      | 104,382.766 | 122,449.683 |
| 2018 | 3     | 113,254.571 | -500        | 14,422.425 | 60.570     | 98,271.576  | 112,754.571 |
| 2018 | 4     | 106,451.241 | -500        | 8,421.542  | 521.894    | 97,007.806  | 105,951.241 |
| 2018 | 5     | 104,224.452 | -500        | 2,917.267  | 1,722.019  | 99,085.166  | 103,724.452 |
| 2018 | 6     | 114,082.040 | -500        | 589.839    | 5,533.016  | 107,459.185 | 113,582.040 |
| 2018 | 7     | 121,251.670 | -500        | 49.964     | 12,084.467 | 108,617.239 | 120,751.670 |
| 2018 | 8     | 121,881.881 | -500        | 0.240      | 15,137.955 | 106,243.686 | 121,381.881 |
| 2018 | 9     | 123,364.411 | -500        | 4.417      | 13,654.563 | 109,205.431 | 122,864.411 |
| 2018 | 10    | 108,145.823 | -500        | 524.345    | 6,149.765  | 100,971.713 | 107,645.823 |
| 2018 | 11    | 103,296.531 | -500        | 3,368.070  | 1,399.559  | 98,028.902  | 102,796.531 |
| 2018 | 12    | 120,649.650 | -500        | 10,216.173 | 196.781    | 109,736.696 | 120,149.650 |
| 2019 | 1     | 132,821.279 | -500        | 17,230.560 | 28.226     | 115,062.494 | 132,321.279 |
| 2019 | 2     | 123,222.322 | -500        | 17,865.588 | 4.746      | 104,851.988 | 122,722.322 |
| 2019 | 3     | 113,570.492 | -500        | 14,266.944 | 60.043     | 98,743.505  | 113,070.492 |
| 2019 | 4     | 106,853.216 | -500        | 8,331.563  | 517.401    | 97,504.252  | 106,353.216 |
| 2019 | 5     | 104,678.501 | -500        | 2,886.378  | 1,707.361  | 99,584.761  | 104,178.501 |
| 2019 | 6     | 114,560.720 | -500        | 583.653    | 5,486.474  | 107,990.594 | 114,060.720 |
| 2019 | 7     | 121,686.076 | -500        | 49.445     | 11,984.051 | 109,152.580 | 121,186.076 |
| 2019 | 8     | 122,280.057 | -500        | 0.238      | 15,013.713 | 106,766.107 | 121,780.057 |
| 2019 | 9     | 123,808.140 | -500        | 4.372      | 13,544.011 | 109,759.757 | 123,308.140 |
| 2019 | 10    | 108,645.557 | -500        | 519.071    | 6,100.685  | 101,525.800 | 108,145.557 |

KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2019 | 11    | 103,813.410 | -500        | 3,334.566  | 1,388.545  | 98,590.299  | 103,313.410 |
| 2019 | 12    | 121,172.671 | -500        | 10,115.690 | 195.254    | 110,361.727 | 120,672.671 |
| 2020 | 1     | 133,183.541 | -500        | 17,024.297 | 28.035     | 115,631.208 | 132,683.541 |
| 2020 | 2     | 123,537.096 | -500        | 17,654.349 | 4.715      | 105,378.033 | 123,037.096 |
| 2020 | 3     | 113,936.514 | -500        | 14,100.408 | 59.656     | 99,276.450  | 113,436.514 |
| 2020 | 4     | 107,318.048 | -500        | 8,235.493  | 514.144    | 98,068.411  | 106,818.048 |
| 2020 | 5     | 105,205.736 | -500        | 2,853.490  | 1,696.846  | 100,155.400 | 104,705.736 |
| 2020 | 6     | 115,130.705 | -500        | 577.083    | 5,453.441  | 108,600.181 | 114,630.705 |
| 2020 | 7     | 122,231.207 | -500        | 48.895     | 11,913.536 | 109,768.775 | 121,731.207 |
| 2020 | 8     | 122,797.725 | -500        | 0.235      | 14,927.508 | 107,369.983 | 122,297.725 |
| 2020 | 9     | 124,374.250 | -500        | 4.324      | 13,468.135 | 110,401.791 | 123,874.250 |
| 2020 | 10    | 109,249.751 | -500        | 513.519    | 6,067.395  | 102,168.837 | 108,749.751 |
| 2020 | 11    | 104,423.396 | -500        | 3,299.358  | 1,381.160  | 99,242.878  | 103,923.396 |
| 2020 | 12    | 121,793.411 | -500        | 10,010.243 | 194.242    | 111,088.925 | 121,293.411 |
| 2021 | 1     | 133,818.327 | -500        | 16,859.068 | 27.846     | 116,431.413 | 133,318.327 |
| 2021 | 2     | 124,085.361 | -500        | 17,483.028 | 4.683      | 106,097.650 | 123,585.361 |
| 2021 | 3     | 114,508.317 | -500        | 13,963.614 | 59.254     | 99,985.449  | 114,008.317 |
| 2021 | 4     | 107,966.633 | -500        | 8,155.641  | 510.681    | 98,800.311  | 107,466.633 |
| 2021 | 5     | 105,889.824 | -500        | 2,825.840  | 1,685.427  | 100,878.557 | 105,389.824 |
| 2021 | 6     | 115,843.308 | -500        | 571.494    | 5,416.771  | 109,355.043 | 115,343.308 |
| 2021 | 7     | 122,896.925 | -500        | 48.422     | 11,833.491 | 110,515.013 | 122,396.925 |
| 2021 | 8     | 123,412.448 | -500        | 0.233      | 14,827.295 | 108,084.920 | 122,912.448 |
| 2021 | 9     | 125,027.535 | -500        | 4.283      | 13,377.778 | 111,145.475 | 124,527.535 |
| 2021 | 10    | 109,932.638 | -500        | 508.556    | 6,026.719  | 102,897.363 | 109,432.638 |
| 2021 | 11    | 105,106.554 | -500        | 3,267.488  | 1,371.907  | 99,967.159  | 104,606.554 |
| 2021 | 12    | 122,486.503 | -500        | 9,913.566  | 192.941    | 111,879.995 | 121,986.503 |
| 2022 | 1     | 134,474.959 | -500        | 16,740.416 | 27.672     | 117,206.871 | 133,974.959 |
| 2022 | 2     | 124,657.401 | -500        | 17,359.673 | 4.653      | 106,793.075 | 124,157.401 |
| 2022 | 3     | 115,091.746 | -500        | 13,864.775 | 58.881     | 100,668.090 | 114,591.746 |
| 2022 | 4     | 108,607.527 | -500        | 8,097.743  | 507.451    | 99,502.333  | 108,107.527 |
| 2022 | 5     | 106,549.465 | -500        | 2,805.707  | 1,674.725  | 101,569.033 | 106,049.465 |
| 2022 | 6     | 116,522.024 | -500        | 567.407    | 5,382.227  | 110,072.390 | 116,022.024 |
| 2022 | 7     | 123,526.474 | -500        | 48.074     | 11,757.696 | 111,220.704 | 123,026.474 |
| 2022 | 8     | 123,989.392 | -500        | 0.231      | 14,731.854 | 108,757.307 | 123,489.392 |

KPCo Com el Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2022 | 9     | 125,636.553 | -500        | 4.252      | 13,291.230 | 111,841.071 | 125,136.553 |
| 2022 | 10    | 110,567.034 | -500        | 504.854    | 5,987.514  | 103,574.666 | 110,067.034 |
| 2022 | 11    | 105,742.885 | -500        | 3,243.583  | 1,362.933  | 100,636.369 | 105,242.885 |
| 2022 | 12    | 123,139.190 | -500        | 9,840.691  | 191.672    | 112,606.827 | 122,639.190 |
| 2023 | 1     | 135,223.929 | -500        | 16,664.278 | 27.527     | 118,032.123 | 134,723.929 |
| 2023 | 2     | 125,311.633 | -500        | 17,279.441 | 4.629      | 107,527.564 | 124,811.633 |
| 2023 | 3     | 115,742.325 | -500        | 13,799.679 | 58.565     | 101,384.082 | 115,242.325 |
| 2023 | 4     | 109,297.349 | -500        | 8,059.146  | 504.692    | 100,233.510 | 108,797.349 |
| 2023 | 5     | 107,241.744 | -500        | 2,792.149  | 1,665.510  | 102,284.086 | 106,741.744 |
| 2023 | 6     | 117,228.300 | -500        | 564.628    | 5,352.266  | 110,811.406 | 116,728.300 |
| 2023 | 7     | 124,183.552 | -500        | 47.836     | 11,691.519 | 111,944.198 | 123,683.552 |
| 2023 | 8     | 124,592.004 | -500        | 0.230      | 14,648.038 | 109,443.736 | 124,092.004 |
| 2023 | 9     | 126,267.769 | -500        | 4.230      | 13,214.854 | 112,548.685 | 125,767.769 |
| 2023 | 10    | 111,216.463 | -500        | 502.262    | 5,952.762  | 104,261.439 | 110,716.463 |
| 2023 | 11    | 106,394.855 | -500        | 3,226.756  | 1,354.949  | 101,313.149 | 105,894.855 |
| 2023 | 12    | 123,819.719 | -500        | 9,789.131  | 190.540    | 113,340.049 | 123,319.719 |
| 2024 | 1     | 135,928.896 | -500        | 16,588.103 | 27.388     | 118,813.405 | 135,428.896 |
| 2024 | 2     | 125,937.071 | -500        | 17,200.747 | 4.605      | 108,231.719 | 125,437.071 |
| 2024 | 3     | 116,374.613 | -500        | 13,737.073 | 58.270     | 102,079.270 | 115,874.613 |
| 2024 | 4     | 109,976.500 | -500        | 8,022.670  | 502.159    | 100,951.671 | 109,476.500 |
| 2024 | 5     | 107,930.781 | -500        | 2,779.540  | 1,657.168  | 102,994.073 | 107,430.781 |
| 2024 | 6     | 117,940.308 | -500        | 562.083    | 5,325.500  | 111,552.726 | 117,440.308 |
| 2024 | 7     | 124,857.537 | -500        | 47.620     | 11,633.092 | 112,676.825 | 124,357.537 |
| 2024 | 8     | 125,220.335 | -500        | 0.229      | 14,574.867 | 110,145.240 | 124,720.335 |
| 2024 | 9     | 126,930.734 | -500        | 4.211      | 13,148.819 | 113,277.704 | 126,430.734 |
| 2024 | 10    | 111,897.874 | -500        | 499.999    | 5,923.006  | 104,974.868 | 111,397.874 |
| 2024 | 11    | 107,081.847 | -500        | 3,212.204  | 1,348.171  | 102,021.472 | 106,581.847 |
| 2024 | 12    | 124,547.186 | -500        | 9,744.919  | 189.585    | 114,112.682 | 124,047.186 |
| 2025 | 1     | 136,782.240 | -500        | 16,530.990 | 27.354     | 119,723.896 | 136,282.240 |
| 2025 | 2     | 126,696.243 | -500        | 17,141.499 | 4.600      | 109,050.145 | 126,196.243 |
| 2025 | 3     | 117,133.203 | -500        | 13,689.756 | 58.197     | 102,885.250 | 116,633.203 |
| 2025 | 4     | 110,779.753 | -500        | 7,995.050  | 501.527    | 101,783.176 | 110,279.753 |
| 2025 | 5     | 108,739.907 | -500        | 2,769.970  | 1,655.082  | 103,814.856 | 108,239.907 |
| 2025 | 6     | 118,788.060 | -500        | 560.149    | 5,318.810  | 112,409.102 | 118,288.060 |



KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2025 | 7     | 125,689.096 | -500        | 47.456     | 11,618.522 | 113,523.118 | 125,189.096 |
| 2025 | 8     | 126,012.633 | -500        | 0.228      | 14,556.670 | 110,955.735 | 125,512.633 |
| 2025 | 9     | 127,757.652 | -500        | 4.197      | 13,132.495 | 114,120.960 | 127,257.652 |
| 2025 | 10    | 112,715.027 | -500        | 498.290    | 5,915.696  | 105,801.041 | 112,215.027 |
| 2025 | 11    | 107,890.664 | -500        | 3,201.246  | 1,346.517  | 102,842.902 | 107,390.664 |
| 2025 | 12    | 125,411.679 | -500        | 9,711.763  | 189.354    | 115,010.562 | 124,911.679 |
| 2026 | 1     | 137,594.548 | -500        | 16,478.018 | 27.249     | 120,589.280 | 137,094.548 |
| 2026 | 2     | 127,422.547 | -500        | 17,087.025 | 4.582      | 109,830.940 | 126,922.547 |
| 2026 | 3     | 117,861.601 | -500        | 13,646.629 | 57.978     | 103,656.995 | 117,361.601 |
| 2026 | 4     | 111,551.302 | -500        | 7,970.045  | 499.650    | 102,581.607 | 111,051.302 |
| 2026 | 5     | 109,515.803 | -500        | 2,761.373  | 1,648.926  | 104,605.504 | 109,015.803 |
| 2026 | 6     | 119,593.803 | -500        | 558.423    | 5,299.149  | 113,236.231 | 119,093.803 |
| 2026 | 7     | 126,465.627 | -500        | 47.311     | 11,575.831 | 114,342.485 | 125,965.627 |
| 2026 | 8     | 126,746.135 | -500        | 0.227      | 14,503.512 | 111,742.395 | 126,246.135 |
| 2026 | 9     | 128,530.157 | -500        | 4.184      | 13,084.838 | 114,941.136 | 128,030.157 |
| 2026 | 10    | 113,497.549 | -500        | 496.800    | 5,894.370  | 106,606.380 | 112,997.549 |
| 2026 | 11    | 108,678.656 | -500        | 3,191.746  | 1,341.692  | 103,645.219 | 108,178.656 |
| 2026 | 12    | 126,260.964 | -500        | 9,683.162  | 188.680    | 115,889.122 | 125,760.964 |
| 2027 | 1     | 138,404.132 | -500        | 16,417.414 | 27.188     | 121,459.531 | 137,904.132 |
| 2027 | 2     | 128,143.413 | -500        | 17,024.362 | 4.572      | 110,614.479 | 127,643.413 |
| 2027 | 3     | 118,584.428 | -500        | 13,596.742 | 57.848     | 104,429.839 | 118,084.428 |
| 2027 | 4     | 112,319.701 | -500        | 7,941.012  | 498.539    | 103,380.150 | 111,819.701 |
| 2027 | 5     | 110,291.675 | -500        | 2,751.346  | 1,645.280  | 105,395.048 | 109,791.675 |
| 2027 | 6     | 120,405.181 | -500        | 556.403    | 5,287.505  | 114,061.273 | 119,905.181 |
| 2027 | 7     | 127,257.329 | -500        | 47.141     | 11,550.622 | 115,159.566 | 126,757.329 |
| 2027 | 8     | 127,498.992 | -500        | 0.227      | 14,472.208 | 112,526.557 | 126,998.992 |
| 2027 | 9     | 129,319.587 | -500        | 4.169      | 13,056.870 | 115,758.548 | 128,819.587 |
| 2027 | 10    | 114,286.104 | -500        | 495.045    | 5,881.917  | 107,409.142 | 113,786.104 |
| 2027 | 11    | 109,464.816 | -500        | 3,180.552  | 1,338.892  | 104,445.372 | 108,964.816 |
| 2027 | 12    | 127,103.288 | -500        | 9,649.438  | 188.291    | 116,765.560 | 126,603.288 |
| 2028 | 1     | 139,202.126 | -500        | 16,365.249 | 27.131     | 122,309.747 | 138,702.126 |
| 2028 | 2     | 128,853.695 | -500        | 16,970.263 | 4.562      | 111,378.870 | 128,353.695 |
| 2028 | 3     | 119,293.721 | -500        | 13,553.514 | 57.728     | 105,182.479 | 118,793.721 |
| 2028 | 4     | 113,069.549 | -500        | 7,915.752  | 497.503    | 104,156.295 | 112,569.549 |

KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2028 | 5     | 111,045.223 | -500        | 2,742.583  | 1,641.852  | 106,160.788 | 110,545.223 |
| 2028 | 6     | 121,190.586 | -500        | 554.629    | 5,276.465  | 114,859.493 | 120,690.586 |
| 2028 | 7     | 128,020.232 | -500        | 46.990     | 11,526.379 | 115,946.863 | 127,520.232 |
| 2028 | 8     | 128,221.112 | -500        | 0.226      | 14,441.692 | 113,279.194 | 127,721.112 |
| 2028 | 9     | 130,072.798 | -500        | 4.156      | 13,029.162 | 116,539.481 | 129,572.798 |
| 2028 | 10    | 115,034.899 | -500        | 493.442    | 5,869.352  | 108,172.105 | 114,534.899 |
| 2028 | 11    | 110,207.945 | -500        | 3,170.206  | 1,336.011  | 105,201.728 | 109,707.945 |
| 2028 | 12    | 127,895.337 | -500        | 9,617.892  | 187.883    | 117,589.562 | 127,395.337 |
| 2029 | 1     | 140,019.252 | -500        | 16,310.987 | 27.172     | 123,181.093 | 139,519.252 |
| 2029 | 2     | 129,577.151 | -500        | 16,913.486 | 4.569      | 112,159.096 | 129,077.151 |
| 2029 | 3     | 120,013.161 | -500        | 13,507.747 | 57.811     | 105,947.603 | 119,513.161 |
| 2029 | 4     | 113,829.515 | -500        | 7,888.802  | 498.204    | 104,942.509 | 113,329.515 |
| 2029 | 5     | 111,811.575 | -500        | 2,733.177  | 1,644.127  | 106,934.270 | 111,311.575 |
| 2029 | 6     | 121,999.754 | -500        | 552.712    | 5,283.640  | 115,663.401 | 121,499.754 |
| 2029 | 7     | 128,827.219 | -500        | 46.827     | 11,541.804 | 116,738.587 | 128,327.219 |
| 2029 | 8     | 128,995.554 | -500        | 0.225      | 14,460.683 | 114,034.646 | 128,495.554 |
| 2029 | 9     | 130,872.981 | -500        | 4.141      | 13,046.055 | 117,322.785 | 130,372.981 |
| 2029 | 10    | 115,805.192 | -500        | 491.696    | 5,876.840  | 108,936.656 | 115,305.192 |
| 2029 | 11    | 110,955.857 | -500        | 3,158.927  | 1,337.690  | 105,959.240 | 110,455.857 |
| 2029 | 12    | 128,686.242 | -500        | 9,583.505  | 188.116    | 118,414.621 | 128,186.242 |
| 2030 | 1     | 140,787.483 | -500        | 16,251.342 | 27.177     | 124,008.965 | 140,287.483 |
| 2030 | 2     | 130,257.497 | -500        | 16,851.350 | 4.570      | 112,901.578 | 129,757.497 |
| 2030 | 3     | 120,692.664 | -500        | 13,457.888 | 57.819     | 106,676.957 | 120,192.664 |
| 2030 | 4     | 114,550.721 | -500        | 7,859.546  | 498.268    | 105,692.907 | 114,050.721 |
| 2030 | 5     | 112,540.390 | -500        | 2,722.992  | 1,644.308  | 107,673.090 | 112,040.390 |
| 2030 | 6     | 122,766.695 | -500        | 550.642    | 5,284.124  | 116,431.929 | 122,266.695 |
| 2030 | 7     | 129,584.492 | -500        | 46.650     | 11,542.603 | 117,495.239 | 129,084.492 |
| 2030 | 8     | 129,718.115 | -500        | 0.224      | 14,461.354 | 114,756.537 | 129,218.115 |
| 2030 | 9     | 131,620.677 | -500        | 4.125      | 13,046.308 | 118,070.244 | 131,120.677 |
| 2030 | 10    | 116,531.871 | -500        | 489.806    | 5,876.788  | 109,665.278 | 116,031.871 |
| 2030 | 11    | 111,664.366 | -500        | 3,146.692  | 1,337.640  | 106,680.034 | 111,164.366 |
| 2030 | 12    | 129,432.208 | -500        | 9,546.090  | 188.103    | 119,198.016 | 128,932.208 |
| 2031 | 1     | 141,483.115 | -500        | 16,217.485 | 27.146     | 124,738.483 | 140,983.115 |
| 2031 | 2     | 130,874.015 | -500        | 16,815.669 | 4.565      | 113,553.782 | 130,374.015 |

KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2031 | 3     | 121,301.954 | -500        | 13,428.894 | 57.751     | 107,315.309 | 120,801.954 |
| 2031 | 4     | 115,187.303 | -500        | 7,842.325  | 497.659    | 106,347.318 | 114,687.303 |
| 2031 | 5     | 113,174.306 | -500        | 2,716.926  | 1,642.239  | 108,315.141 | 112,674.306 |
| 2031 | 6     | 123,424.202 | -500        | 549.396    | 5,277.283  | 117,097.523 | 122,924.202 |
| 2031 | 7     | 130,222.423 | -500        | 46.543     | 11,527.241 | 118,148.638 | 129,722.423 |
| 2031 | 8     | 130,320.025 | -500        | 0.224      | 14,441.595 | 115,378.207 | 129,820.025 |
| 2031 | 9     | 132,244.677 | -500        | 4.115      | 13,028.021 | 118,712.541 | 131,744.677 |
| 2031 | 10    | 117,147.032 | -500        | 488.627    | 5,868.337  | 110,290.068 | 116,647.032 |
| 2031 | 11    | 112,271.465 | -500        | 3,139.004  | 1,335.668  | 107,296.792 | 111,771.465 |
| 2031 | 12    | 130,077.564 | -500        | 9,522.436  | 187.819    | 119,867.309 | 129,577.564 |
| 2032 | 1     | 141,992.927 | -500        | 16,169.674 | 27.069     | 125,296.185 | 141,492.927 |
| 2032 | 2     | 131,322.086 | -500        | 16,765.593 | 4.551      | 114,051.941 | 130,822.086 |
| 2032 | 3     | 121,749.027 | -500        | 13,388.532 | 57.583     | 107,802.912 | 121,249.027 |
| 2032 | 4     | 115,661.609 | -500        | 7,818.517  | 496.199    | 106,846.893 | 115,161.609 |
| 2032 | 5     | 113,650.978 | -500        | 2,708.597  | 1,637.372  | 108,805.010 | 113,150.978 |
| 2032 | 6     | 123,913.745 | -500        | 547.693    | 5,261.463  | 117,604.589 | 123,413.745 |
| 2032 | 7     | 130,684.729 | -500        | 46.397     | 11,492.328 | 118,646.004 | 130,184.729 |
| 2032 | 8     | 130,748.090 | -500        | 0.223      | 14,397.347 | 115,850.519 | 130,248.090 |
| 2032 | 9     | 132,691.314 | -500        | 4.102      | 12,987.646 | 119,199.566 | 132,191.314 |
| 2032 | 10    | 117,599.820 | -500        | 487.045    | 5,849.939  | 110,762.837 | 117,099.820 |
| 2032 | 11    | 112,722.731 | -500        | 3,128.731  | 1,331.433  | 107,762.567 | 112,222.731 |
| 2032 | 12    | 130,550.040 | -500        | 9,490.951  | 187.217    | 120,371.872 | 130,050.040 |
| 2033 | 1     | 142,354.736 | -500        | 16,097.241 | 26.960     | 125,730.535 | 141,854.736 |
| 2033 | 2     | 131,632.644 | -500        | 16,689.851 | 4.533      | 114,438.260 | 131,132.644 |
| 2033 | 3     | 122,064.126 | -500        | 13,327.537 | 57.345     | 108,179.243 | 121,564.126 |
| 2033 | 4     | 116,007.953 | -500        | 7,782.626  | 494.133    | 107,231.194 | 115,507.953 |
| 2033 | 5     | 114,007.271 | -500        | 2,696.072  | 1,630.500  | 109,180.699 | 113,507.271 |
| 2033 | 6     | 124,277.326 | -500        | 545.144    | 5,239.223  | 117,992.959 | 123,777.326 |
| 2033 | 7     | 131,015.928 | -500        | 46.180     | 11,443.417 | 119,026.331 | 130,515.928 |
| 2033 | 8     | 131,047.573 | -500        | 0.222      | 14,335.686 | 116,211.665 | 130,547.573 |
| 2033 | 9     | 133,008.165 | -500        | 4.083      | 12,931.722 | 119,572.360 | 132,508.165 |
| 2033 | 10    | 117,934.634 | -500        | 484.729    | 5,824.620  | 111,125.285 | 117,434.634 |
| 2033 | 11    | 113,059.999 | -500        | 3,113.795  | 1,325.646  | 108,120.558 | 112,559.999 |
| 2033 | 12    | 130,892.528 | -500        | 9,445.478  | 186.400    | 120,760.650 | 130,392.528 |

KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2034 | 1     | 142,599.098 | -500        | 16,017.208 | 26.796     | 126,055.093 | 142,099.098 |
| 2034 | 2     | 131,838.773 | -500        | 16,606.524 | 4.505      | 114,727.744 | 131,338.773 |
| 2034 | 3     | 122,279.687 | -500        | 13,260.711 | 56.996     | 108,461.981 | 121,779.687 |
| 2034 | 4     | 116,255.409 | -500        | 7,743.465  | 491.111    | 107,520.833 | 115,755.409 |
| 2034 | 5     | 114,268.204 | -500        | 2,682.473  | 1,620.508  | 109,465.224 | 113,768.204 |
| 2034 | 6     | 124,537.907 | -500        | 542.388    | 5,207.059  | 118,288.460 | 124,037.907 |
| 2034 | 7     | 131,236.068 | -500        | 45.946     | 11,373.053 | 119,317.069 | 130,736.068 |
| 2034 | 8     | 131,236.908 | -500        | 0.221      | 14,247.446 | 116,489.241 | 130,736.908 |
| 2034 | 9     | 133,216.145 | -500        | 4.062      | 12,852.030 | 119,860.053 | 132,716.145 |
| 2034 | 10    | 118,176.841 | -500        | 482.263    | 5,788.674  | 111,405.904 | 117,676.841 |
| 2034 | 11    | 113,314.288 | -500        | 3,097.942  | 1,317.460  | 108,398.886 | 112,814.288 |
| 2034 | 12    | 131,146.864 | -500        | 9,397.370  | 185.249    | 121,064.246 | 130,646.864 |
| 2035 | 1     | 142,788.390 | -500        | 15,934.030 | 26.641     | 126,327.718 | 142,288.390 |
| 2035 | 2     | 131,997.240 | -500        | 16,520.240 | 4.479      | 114,972.520 | 131,497.240 |
| 2035 | 3     | 122,451.174 | -500        | 13,191.778 | 56.665     | 108,702.731 | 121,951.174 |
| 2035 | 4     | 116,460.447 | -500        | 7,703.203  | 488.261    | 107,768.983 | 115,960.447 |
| 2035 | 5     | 114,489.577 | -500        | 2,668.520  | 1,611.099  | 109,709.957 | 113,989.577 |
| 2035 | 6     | 124,759.408 | -500        | 539.564    | 5,176.799  | 118,543.045 | 124,259.408 |
| 2035 | 7     | 131,420.432 | -500        | 45.707     | 11,306.891 | 119,567.833 | 130,920.432 |
| 2035 | 8     | 131,392.903 | -500        | 0.220      | 14,164.431 | 116,728.252 | 130,892.903 |
| 2035 | 9     | 133,388.486 | -500        | 4.041      | 12,777.025 | 120,107.421 | 132,888.486 |
| 2035 | 10    | 118,381.270 | -500        | 479.734    | 5,754.823  | 111,646.713 | 117,881.270 |
| 2035 | 11    | 113,527.885 | -500        | 3,081.654  | 1,309.737  | 108,636.495 | 113,027.885 |
| 2035 | 12    | 131,353.736 | -500        | 9,347.812  | 184.160    | 121,321.764 | 130,853.736 |
| 2036 | 1     | 143,127.072 | -500        | 15,860.855 | 26.518     | 126,739.699 | 142,627.072 |
| 2036 | 2     | 132,288.026 | -500        | 16,443.893 | 4.458      | 115,339.675 | 131,788.026 |
| 2036 | 3     | 122,747.600 | -500        | 13,130.393 | 56.399     | 109,060.808 | 122,247.600 |
| 2036 | 4     | 116,787.683 | -500        | 7,667.106  | 485.954    | 108,134.623 | 116,287.683 |
| 2036 | 5     | 114,826.711 | -500        | 2,655.931  | 1,603.436  | 110,067.344 | 114,326.711 |
| 2036 | 6     | 125,101.152 | -500        | 537.001    | 5,152.011  | 118,912.139 | 124,601.152 |
| 2036 | 7     | 131,726.291 | -500        | 45.488     | 11,252.360 | 119,928.443 | 131,226.291 |
| 2036 | 8     | 131,665.611 | -500        | 0.219      | 14,095.642 | 117,069.750 | 131,165.611 |
| 2036 | 9     | 133,676.774 | -500        | 4.021      | 12,714.507 | 120,458.245 | 133,176.774 |
| 2036 | 10    | 118,689.631 | -500        | 477.387    | 5,726.442  | 111,985.802 | 118,189.631 |

KPCo Com el Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2036 | 11    | 113,838.725 | -500        | 3,066.456  | 1,303.226  | 108,969.043 | 113,338.725 |
| 2036 | 12    | 131,664.581 | -500        | 9,301.337  | 183.237    | 121,680.007 | 131,164.581 |
| 2037 | 1     | 143,419.573 | -500        | 15,781.647 | 26.384     | 127,111.542 | 142,919.573 |
| 2037 | 2     | 132,536.404 | -500        | 16,361.289 | 4.436      | 115,670.680 | 132,036.404 |
| 2037 | 3     | 123,003.558 | -500        | 13,064.033 | 56.112     | 109,383.413 | 122,503.558 |
| 2037 | 4     | 117,075.254 | -500        | 7,628.108  | 483.463    | 108,463.684 | 116,575.254 |
| 2037 | 5     | 115,125.756 | -500        | 2,642.329  | 1,595.161  | 110,388.266 | 114,625.756 |
| 2037 | 6     | 125,401.443 | -500        | 534.229    | 5,125.210  | 119,242.004 | 124,901.443 |
| 2037 | 7     | 131,987.535 | -500        | 45.251     | 11,193.306 | 120,248.978 | 131,487.535 |
| 2037 | 8     | 131,892.220 | -500        | 0.217      | 14,020.957 | 117,371.046 | 131,392.220 |
| 2037 | 9     | 133,915.481 | -500        | 4.000      | 12,646.428 | 120,765.054 | 133,415.481 |
| 2037 | 10    | 118,949.820 | -500        | 474.821    | 5,695.443  | 112,279.556 | 118,449.820 |
| 2037 | 11    | 114,100.031 | -500        | 3,049.790  | 1,296.093  | 109,254.148 | 113,600.031 |
| 2037 | 12    | 131,916.248 | -500        | 9,250.209  | 182.223    | 121,983.817 | 131,416.248 |
| 2038 | 1     | 143,643.385 | -500        | 15,693.972 | 26.236     | 127,423.177 | 143,143.385 |
| 2038 | 2     | 132,719.028 | -500        | 16,269.545 | 4.411      | 115,945.072 | 132,219.028 |
| 2038 | 3     | 123,193.740 | -500        | 12,990.092 | 55.792     | 109,647.857 | 122,693.740 |
| 2038 | 4     | 117,295.893 | -500        | 7,584.544  | 480.683    | 108,730.666 | 116,795.893 |
| 2038 | 5     | 115,359.107 | -500        | 2,627.103  | 1,585.908  | 110,646.096 | 114,859.107 |
| 2038 | 6     | 125,632.148 | -500        | 531.127    | 5,095.252  | 119,505.769 | 125,132.148 |
| 2038 | 7     | 132,177.577 | -500        | 44.987     | 11,127.455 | 120,505.136 | 131,677.577 |
| 2038 | 8     | 132,050.220 | -500        | 0.216      | 13,937.939 | 117,612.065 | 131,550.220 |
| 2038 | 9     | 134,087.330 | -500        | 3.976      | 12,571.174 | 121,012.180 | 133,587.330 |
| 2038 | 10    | 119,151.800 | -500        | 472.002    | 5,661.398  | 112,518.400 | 118,651.800 |
| 2038 | 11    | 114,308.732 | -500        | 3,031.608  | 1,288.315  | 109,488.809 | 113,808.732 |
| 2038 | 12    | 132,113.886 | -500        | 9,194.899  | 181.126    | 122,237.861 | 131,613.886 |
| 2039 | 1     | 143,817.290 | -500        | 15,600.133 | 26.079     | 127,691.079 | 143,317.290 |
| 2039 | 2     | 132,862.819 | -500        | 16,172.302 | 4.384      | 116,186.133 | 132,362.819 |
| 2039 | 3     | 123,353.688 | -500        | 12,912.513 | 55.457     | 109,885.718 | 122,853.688 |
| 2039 | 4     | 117,493.740 | -500        | 7,539.295  | 477.797    | 108,976.647 | 116,993.740 |
| 2039 | 5     | 115,577.423 | -500        | 2,611.448  | 1,576.395  | 110,889.580 | 115,077.423 |
| 2039 | 6     | 125,853.277 | -500        | 527.966    | 5,064.729  | 119,760.582 | 125,353.277 |
| 2039 | 7     | 132,363.239 | -500        | 44.719     | 11,060.882 | 120,757.637 | 131,863.239 |
| 2039 | 8     | 132,209.325 | -500        | 0.215      | 13,854.648 | 117,854.462 | 131,709.325 |

KPCo Commercial Output

| Year | Month | Total       | Add-Factors | Heating    | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|------------|------------|-------------|-------------|
| 2039 | 9     | 134,265.065 | -500        | 3.953      | 12,496.148 | 121,264.965 | 133,765.065 |
| 2039 | 10    | 119,363.158 | -500        | 469.205    | 5,627.637  | 112,766.316 | 118,863.158 |
| 2039 | 11    | 114,529.639 | -500        | 3,013.656  | 1,280.636  | 109,735.347 | 114,029.639 |
| 2039 | 12    | 132,327.050 | -500        | 9,140.422  | 180.046    | 122,506.582 | 131,827.050 |
| 2040 | 1     | 144,008.391 | -500        | 15,507.787 | 25.923     | 127,974.681 | 143,508.391 |
| 2040 | 2     | 133,022.067 | -500        | 16,076.582 | 4.358      | 116,441.128 | 132,522.067 |
| 2040 | 3     | 123,527.516 | -500        | 12,836.037 | 55.126     | 110,136.353 | 123,027.516 |
| 2040 | 4     | 117,703.160 | -500        | 7,494.547  | 474.942    | 109,233.671 | 117,203.160 |
| 2040 | 5     | 115,803.838 | -500        | 2,595.895  | 1,566.946  | 111,140.997 | 115,303.838 |
| 2040 | 6     | 126,078.565 | -500        | 524.807    | 5,034.229  | 120,019.529 | 125,578.565 |
| 2040 | 7     | 132,547.629 | -500        | 44.450     | 10,993.880 | 121,009.299 | 132,047.629 |
| 2040 | 8     | 132,361.129 | -500        | 0.214      | 13,770.150 | 118,090.766 | 131,861.129 |
| 2040 | 9     | 134,428.134 | -500        | 3.928      | 12,419.315 | 121,504.891 | 133,928.134 |
| 2040 | 10    | 119,554.898 | -500        | 466.316    | 5,592.768  | 112,995.814 | 119,054.898 |
| 2040 | 11    | 114,724.979 | -500        | 2,994.941  | 1,272.634  | 109,957.404 | 114,224.979 |
| 2040 | 12    | 132,504.911 | -500        | 9,083.193  | 178.911    | 122,742.806 | 132,004.911 |
| 2041 | 1     | 144,151.550 | -500        | 15,409.659 | 25.758     | 128,216.133 | 143,651.550 |
| 2041 | 2     | 133,129.876 | -500        | 15,973.913 | 4.330      | 116,651.633 | 132,629.876 |
| 2041 | 3     | 123,645.942 | -500        | 12,753.382 | 54.769     | 110,337.791 | 123,145.942 |
| 2041 | 4     | 117,853.792 | -500        | 7,445.931  | 471.843    | 109,436.018 | 117,353.792 |
| 2041 | 5     | 115,972.532 | -500        | 2,578.968  | 1,556.667  | 111,336.897 | 115,472.532 |
| 2041 | 6     | 126,243.546 | -500        | 521.373    | 5,001.088  | 120,221.085 | 125,743.546 |
| 2041 | 7     | 132,672.824 | -500        | 44.159     | 10,921.404 | 121,207.261 | 132,172.824 |
| 2041 | 8     | 132,460.349 | -500        | 0.212      | 13,679.434 | 118,280.703 | 131,960.349 |
| 2041 | 9     | 134,546.593 | -500        | 3.903      | 12,337.784 | 121,704.906 | 134,046.593 |
| 2041 | 10    | 119,714.953 | -500        | 463.289    | 5,556.246  | 113,195.417 | 119,214.953 |
| 2041 | 11    | 114,901.719 | -500        | 2,975.663  | 1,264.392  | 110,161.664 | 114,401.719 |
| 2041 | 12    | 132,676.957 | -500        | 9,025.333  | 177.765    | 122,973.859 | 132,176.957 |
| 2042 | 1     | 144,309.332 | -500        | 15,312.790 | 25.595     | 128,470.946 | 143,809.332 |
| 2042 | 2     | 133,270.572 | -500        | 15,875.015 | 4.303      | 116,891.255 | 132,770.572 |
| 2042 | 3     | 123,815.911 | -500        | 12,675.813 | 54.434     | 110,585.664 | 123,315.911 |
| 2042 | 4     | 118,076.665 | -500        | 7,401.593  | 469.015    | 109,706.056 | 117,576.665 |
| 2042 | 5     | 116,230.502 | -500        | 2,563.971  | 1,547.554  | 111,618.978 | 115,730.502 |
| 2042 | 6     | 126,524.459 | -500        | 518.422    | 4,972.594  | 120,533.443 | 126,024.459 |

KPCo Com el Output

| Year | Month | Total       | Add-Factors | Heating   | Cooling    | Other       | Total       |
|------|-------|-------------|-------------|-----------|------------|-------------|-------------|
| 2042 | 7     | 132,940.352 | -500        | 43.916    | 10,861.046 | 121,535.389 | 132,440.352 |
| 2042 | 8     | 132,722.453 | -500        | 0.211     | 13,606.452 | 118,615.790 | 132,222.453 |
| 2042 | 9     | 134,854.452 | -500        | 3.883     | 12,274.439 | 122,076.129 | 134,354.452 |
| 2042 | 10    | 120,073.204 | -500        | 461.030   | 5,528.937  | 113,583.237 | 119,573.204 |
| 2042 | 11    | 115,292.817 | -500        | 2,961.840 | 1,258.470  | 110,572.507 | 114,792.817 |
| 2042 | 12    | 133,114.856 | -500        | 8,985.632 | 176.976    | 123,452.248 | 132,614.856 |