

Kentucky Utilities Company and Louisville Gas and Electric Company

School Pilot Tariffs Report No. 1

Case Nos. 2016-00370 & 2016-00371

July 1, 2017 – November 30, 2017

Background

On June 22, 2017, the Kentucky Public Service Commission (“Commission”) issued an Order in Case Nos. 2016-00370 and 2016-00371 approving new rates and charges for Kentucky Utilities Company (“KU”) and Louisville Gas and Electric Company (“LG&E”) (collectively the “Companies”). In these orders the Commission approved Optional Pilot Tariffs effective July 1, 2017 for selected public and private K-12 schools whose net aggregate impact on revenue was \$750,000 annually for KU and \$750,000 annually for LG&E. Additionally, the Commission ordered the Companies to file reports, beginning six months from the Order and every six months thereafter, concerning monthly load information from schools participating in the pilot tariffs (School Power Service “SPS”, and School Time-of-Day Service “STOD”), individually and in the aggregate, and including preliminary findings as conclusions regarding the schools’ load characteristics are reached.

The Kentucky School Board Association (“KSBA”) and the Companies completed the process for selecting the final list of schools to be included on the two school pilot tariffs in September 2017. This list included 225 public and private schools:

| Pilot School Count | | Public | Private | Total |
|--------------------|----------------------------|-------------|-----------|-------------|
| KU | School Power Service | 69* | 5 | 74* |
| | School Time of Day Service | 75* | 0 | 75* |
| | KU Total | 144* | 5 | 149* |
| LG&E | School Power Service | 64 | 8 | 72 |
| | School Time of Day Service | 4 | 0 | 4 |
| | LG&E Total | 68 | 8 | 76 |
| System | System Total | 212* | 13 | 225* |

* Note: [REDACTED] (KU public school) has part of their bill on SPS and part on STOD

Each school’s transition to the school pilot tariff rates took place in either September or October 2017.

This is the first report to be filed regarding school pilot customer load data.

Monthly Load Information

The monthly energy and demand data for each school, by company and school pilot rate class from July 1, 2017 through November 30, 2017 is attached as Exhibit A. Load data in Exhibit A represents data after the customer account had been switched over to the pilot rate.

Schools' Load Characteristics

There is very limited 24-hour usage data for many of the school pilot tariff customers, as meters capable of recording hourly data were still being installed on those schools as of the filing of this report. Due to the small amount of hourly data available for this report, hourly load characteristics for the schools on the pilot tariffs will be addressed for the first time in the June 2018 report.

| CC Company | Rate Category Name 2 | School | Billing Period | Values | | | | 2017/09 | | | | | 2017/10 | | | | | 2017/11 | | | | |
|-------------|----------------------------|--------|----------------|------------------|-----------------------------|---------------------------------|-----------------------------|--------------------------------|------------------|-----------------------------|---------------------------------|-----------------------------|--------------------------------|------------------|-----------------------------|---------------------------------|-----------------------------|--------------------------------|------------------|-----------------------------|---------------------------------|-----------------------------|
| | | | 2017/08 | Sum of Total KWH | Sum of KW/KVA Base Measured | Sum of KW/KVA Intermed Measured | Sum of KW/KVA Peak Measured | Sum of KW/KVA On Peak Measured | Sum of Total KWH | Sum of KW/KVA Base Measured | Sum of KW/KVA Intermed Measured | Sum of KW/KVA Peak Measured | Sum of KW/KVA On Peak Measured | Sum of Total KWH | Sum of KW/KVA Base Measured | Sum of KW/KVA Intermed Measured | Sum of KW/KVA Peak Measured | Sum of KW/KVA On Peak Measured | Sum of Total KWH | Sum of KW/KVA Base Measured | Sum of KW/KVA Intermed Measured | Sum of KW/KVA Peak Measured |
| | | | 16,000 | 23,600 | | | | 90,400 | | | | 51,400 | | | | 196 | 44,800 | | | | 224 | |
| | | | | | | | | | | | | 70,000 | | | | 297 | 52,800 | | | | 297 | |
| | | | | | | | | | | | | 333,600 | | | | 829 | 254,400 | | | | 734 | |
| | | | | 138,000 | | | | | | | 539 | 135,900 | | | | 580 | 87,600 | | | | 580 | |
| | | | | 65,440 | | | | | | | | 66,240 | | | | 245 | 43,040 | | | | 186 | |
| | | | | 32,200 | | | | | | | | 42,800 | | | | 158 | 32,000 | | | | 118 | |
| | | | 23,800 | 48,200 | | | | | | | 173 | 46,400 | | | | 144 | 41,400 | | | | 127 | |
| | | | | 28,800 | | | | | | | | 57,300 | | | | 204 | 47,700 | | | | 211 | |
| | | | | 107,200 | | | | | | | 484 | 105,200 | | | | 518 | 64,000 | | | | 340 | |
| | | | 7,840 | 40,480 | | | | | | | 165 | 43,680 | | | | 188 | | | | | | |
| | | | 13,200 | 54,800 | | | | | | | 228 | 58,800 | | | | 246 | | | | | | |
| | | | | 70,560 | | | | | | | 269 | 65,600 | | | | 129 | 51,200 | | | | 216 | |
| | | | | 54,720 | | | | | | | | 75,840 | | | | 189 | 59,040 | | | | 225 | |
| | | | 15,840 | 70,400 | | | | | | | 233 | 69,920 | | | | 233 | 53,920 | | | | 193 | |
| | | | | 47,520 | | | | | | | 197 | 43,920 | | | | 197 | 32,160 | | | | 184 | |
| | | | | 38,080 | | | | | | | | 64,320 | | | | 226 | 44,320 | | | | 200 | |
| | School Time-of-Day Service | | 10,800 | 60,900 | 343 | 343 | 262 | | | | | 68,400 | 354 | 354 | 313 | | 52,800 | 290 | 290 | 290 | | |
| | | | 105,600 | 252,000 | 859 | 859 | 787 | | | | | 198,000 | 782 | 782 | 782 | | 183,600 | 653 | 653 | 646 | | |
| | | | | 75,600 | | | | | | | | 86,100 | 314 | 304 | 284 | | 84,300 | 284 | 284 | 284 | | |
| | | | | 208,800 | 699 | 654 | 597 | | | | | 182,800 | 598 | 598 | 562 | | 145,600 | 501 | 501 | 501 | | |
| LG&E Total | | | 688,585 | 5,555,546 | 1,902 | 1,857 | 1,646 | 11,934 | 6,948,576 | 2,049 | 2,038 | 1,942 | 23,111 | 5,185,758 | 1,728 | 1,728 | 1,721 | 1,721 | 1,721 | 1,721 | 18,406 | |
| Grand Total | | | 715,929 | 18,379,903 | 15,514 | 15,395 | 13,958 | 17,911 | 21,251,623 | 34,686 | 34,520 | 32,669 | 37,581 | 14,106,323 | 24,145 | 24,145 | 23,966 | 23,966 | 23,966 | 23,966 | 28,789 | |

CUSTOMER NAMES REDACTED