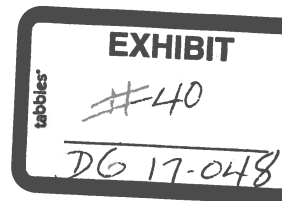


Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities

DG 17-048
Distribution Service Rate Case

Staff Data Requests – Set 8



Date Request Received: 10/4/17
Request No. Staff 8-17

Date of Response: 10/18/17
Respondent: James Bonner

REQUEST:

Reference Attachment DBS/DSD-2, Schedule RR-EN-3-1 (Bates 047): Please provide a calculation of EnergyNorth's pro-forma test year revenues based on its actual customer count as of 12/31/16.

RESPONSE:

A calculation of an adjustment to EnergyNorth's pro-forma test year revenues based on its actual customer bill count as of 12/31/16 is provided in Attachment Staff 8-17.

The customer bill count adjustment calculation includes a correcting factor to account for the fact that EnergyNorth's bills are rendered on a 30-day basis, which results in highly variable monthly bill counts during the course of the year. In order to properly calculate the difference between the Year Ending Number of Bills and the Average Number of Bills, it necessary to correct the Average Number of Bills for the difference in billing cycle length between the annual average 2016 cycle length and December 2016 cycle length.

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 17-048
Response to Staff 8-17
Adjustment to Pro-Forma Test Year Revenues for Year-End Bill Count

| Rate Class | R-1 | R-3 | R-4 | G-41 | G-42 | G-43 | G-51 | G-52 | G-53 | G-54 | Total |
|----------------------------------------------------------|-----------|--------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 1. Cal Mo WN Base Revenues at Current Rates ¹ | \$694,481 | \$36,326,571 | \$1,118,646 | \$11,016,982 | \$12,084,183 | \$2,418,701 | \$1,391,427 | \$1,585,741 | \$1,376,073 | \$931,478 | \$68,944,283 |
| 2. Average Number of Bills ² | 3,036 | 70,646 | 5,447 | 8,389 | 1,679 | 49 | 1,252 | 309 | 34 | 27 | 90,868 |
| 3. Avg WN Base Revenue per Bill | \$228.75 | \$514.21 | \$205.37 | \$1,313.27 | \$7,197.25 | \$49,361.24 | \$1,111.36 | \$5,131.85 | \$40,472.74 | \$34,499.17 | |
| 4. 12/2016 Avg Billing Cycle Length | 31.5950 | 31.5950 | 31.5950 | 31.5950 | 31.5950 | 31.5950 | 31.5950 | 31.5950 | 31.5950 | 31.5950 | 31.5950 |
| 5. Annual 2016 Avg Billing Cycle Length | 30.4082 | 30.4082 | 30.4082 | 30.4082 | 30.4082 | 30.4082 | 30.4082 | 30.4082 | 30.4082 | 30.4082 | 30.4082 |
| 6. Avg Cycle Length Adjustment | 1.03903 | 1.03903 | 1.03903 | 1.03903 | 1.03903 | 1.03903 | 1.03903 | 1.03903 | 1.03903 | 1.03903 | 1.03903 |
| 7. Adj Average Number of Bills | 3,154 | 73,403 | 5,660 | 8,716 | 1,745 | 51 | 1,301 | 321 | 35 | 28 | 94,414 |
| 8. Year-End Number of Bills 2016 ² | 3,186 | 74,599 | 5,519 | 8,989 | 1,773 | 48 | 1,309 | 327 | 33 | 27 | 95,810 |
| 9. Difference YE 2016 to YE 2015 | 32 | 1,196 | (141) | 273 | 28 | (3) | 8 | 6 | (2) | (1) | 1,396 |
| Incr/(Decr) Weather Normal | | | | | | | | | | | |
| 10. Base Revenues | \$7,320 | \$614,990 | (\$28,957) | \$358,521 | \$201,523 | (\$148,084) | \$8,891 | \$30,791 | (\$80,945) | (\$34,499) | \$929,551 |

¹ from Attachment RATES-3, p. 4

² from Attachment RATES-1, p. 1