

Commonwealth Edison Company's Response to
The People of the State of Illinois ("AG") Data Requests
AG 5.01 - 5.14

ICC DOCKET NO. 12-0298
AG-CROSS Exhibit No. 18
Witness Trump
Date 5/23/12 Porter TD

Date Received: May 7, 2012
Date Served: May 10, 2012

REQUEST NO. AG 5.10:

Reference Direct Testimony of Mr. Trump and ComEd Exhibit 6.02 page 2-2: Please provide all inputs and calculations used to develop the forecast energy and delivery rates presented in the chart on this page, as well as the electronic workbook used to make those calculations in operational format.

RESPONSE:

The table below (Table 1) reports out values from the Black & Veatch spreadsheet model that are used in creating the figure shown on page 2-2 of Exhibit 6.02. The left hand side number refers to the Row number of the spreadsheet model (produced as an the attachment to ComEd's Data Request Response to AG 1.04 labeled as AG 1.04 CORRECTED_Attach 1 (CONFIDENTIAL AND PROPRIETARY)) on the Tab labeled *Inputs*. (Some rows are not displayed because they do not provide additional information value and are redundant). Black & Veatch received input from ComEd for the values shown in yellow. (Rows 63, 67, 69, 70, 71, 76, 80, 82, 83 and 94, for the columns for years 2012 - 2016) Black & Veatch was also provided by ComEd factors to use and instructions on how to derive the other values shown on the table.

Using Rows 63 and 76, Black & Veatch constructed a weighted average Delivery Services cost factor, denominated in \$/MWh. Similarly, using Rows 73 and 86, Black & Veatch created a weighted average Energy & Other Services cost factor, denominated in \$/MWh. The weighting factor used is 88% residential and 11% Small C&I. The resulting weighted values in \$/MWh are shown in Table 2. These values are used for the Figure shown on page 2-2.

Table 1

| | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|----|--|---------|---------|---------|---------|---------|---------|
| 61 | | | | | | | |
| 62 | Residential - Delivery Services | | | | | | |
| 63 | \$44.68 | \$50.65 | \$53.94 | \$55.32 | \$56.42 | \$57.83 | \$59.28 |
| 66 | Residential - Energy & Other Services | | | | | | |
| 67 | \$70.89 | \$63.88 | \$61.42 | \$70.16 | \$72.26 | \$74.07 | \$75.92 |
| 69 | \$8.75 | \$10.65 | \$13.63 | \$17.59 | \$17.78 | \$18.23 | \$18.68 |
| 70 | \$4.97 | \$4.98 | \$5.01 | \$5.07 | \$5.19 | \$5.32 | \$5.45 |
| 71 | 85.0% | 85.0% | 85.0% | 85.0% | 85.0% | 85.0% | 85.0% |
| 72 | \$4.23 | \$4.23 | \$4.26 | \$4.31 | \$4.41 | \$4.52 | \$4.63 |
| 73 | \$83.87 | \$78.77 | \$79.31 | \$92.06 | \$94.46 | \$96.82 | \$99.24 |
| 75 | Small C&I - Delivery Services | | | | | | |
| 76 | \$22.39 | \$22.74 | \$23.54 | \$23.68 | \$24.15 | \$24.76 | \$25.37 |
| 79 | Small C&I - Energy & Other Services | | | | | | |
| 80 | \$59.76 | \$53.83 | \$56.69 | \$66.25 | \$68.24 | \$69.94 | \$71.69 |
| 82 | \$8.79 | \$10.58 | \$13.54 | \$17.52 | \$17.71 | \$18.15 | \$18.60 |
| 83 | \$4.80 | \$4.75 | \$4.58 | \$4.38 | \$4.47 | \$4.58 | \$4.69 |
| 84 | 95.0% | 95.0% | 95.0% | 95.0% | 95.0% | 95.0% | 95.0% |
| 85 | \$4.56 | \$4.51 | \$4.35 | \$4.16 | \$4.24 | \$4.35 | \$4.46 |
| 86 | \$73.10 | \$68.91 | \$74.58 | \$87.93 | \$90.19 | \$92.44 | \$94.75 |

Table 2 Weighted values used in Figure 2-2

| | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Energy and Other Rider Charges | \$82.67 | \$77.67 | \$78.78 | \$91.60 | \$93.98 | \$96.33 | \$98.74 | \$101.21 | \$103.74 | \$106.33 |
| Delivery Services Charges | \$42.19 | \$47.54 | \$50.55 | \$51.79 | \$52.82 | \$54.14 | \$55.50 | \$56.88 | \$58.31 | \$59.76 |
| Total: Energy and Delivery Charge | \$124.86 | \$125.21 | \$129.34 | \$143.38 | \$146.80 | \$150.47 | \$154.24 | \$158.09 | \$162.04 | \$166.10 |

| | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Energy and Other Rider Charges | \$108.99 | \$111.71 | \$114.51 | \$117.37 | \$120.30 | \$123.31 | \$126.39 | \$129.55 | \$132.79 | \$136.11 |
| Delivery Services Charges | \$61.26 | \$62.79 | \$64.36 | \$65.97 | \$67.62 | \$69.31 | \$71.04 | \$72.82 | \$74.64 | \$76.50 |
| Total: Energy and Delivery Charge | \$170.25 | \$174.50 | \$178.87 | \$183.34 | \$187.92 | \$192.62 | \$197.44 | \$202.37 | \$207.43 | \$212.62 |

Additional factors used to complete Table 1 include:

1. To derive Row 72 and Row 85, the spreadsheet multiplies Rows 70 to Row 71, and Row 83 to Row 84, respectively.
2. Row 73 is the summation of Rows 67, 69, and 72. Row 86 is the summation of Rows 80, 82 and 85.
3. Starting in year 2017, all values except the percentage values shown in Rows 72 and 84 are adjusted using an assumed escalation value of 1.025. This is applied each year to the preceding year