

**AUSLEY McMULLEN**

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

May 4, 2018

**VIA: ELECTRONIC FILING**

Ms. Carlotta S. Stauffer  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

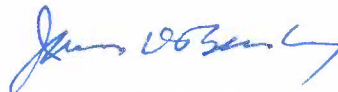
Re: Petition of Tampa Electric Company for Approval of Revised Underground Residential Distribution Tariff; Docket No. 20180086-EI.

Dear Ms. Stauffer:

On April 2, 2018, we filed Tampa Electric Company's Petition for Approval of Revised Underground Residential Distribution Tariff. An input error on page LD-27 of the support documents that accompanied the Petition affected that page LD-27 and pages LD-1 and LD-38. Attached are corrected versions of pages LD-27, LD-1 and LD-38, each marked "Revised 5/4/18", which we request you forward on to the Commission recipients of the original filing so that they may substitute the corrected pages in place of their original counterparts. Please note that these corrections do not affect any of the tariff pages that accompanied the company's petition.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/pp  
Attachments

4/2018

**LOW DENSITY MODEL**  
(210 lots)

## Underground Costs (per lot)

With overheads filed in rate case

| ITEM                  | MATERIAL      |              | LABOR           |               | TOTAL           |  | EXPLANATION OF % CHANGE                                 |
|-----------------------|---------------|--------------|-----------------|---------------|-----------------|--|---|
|                       | COST          | % CHANGE     | COST            | % CHANGE      | COST            | % CHANGE   |   |
| SERVICE               | 200.72        | 5.40%        | 169.23          | -10.84%       | 369.95          | -2.70%   | Underground material up, TEC & Contractor overhead down |
| PRIMARY               | 232.71        | 9.50%        | 72.22           | -4.13%        | 304.93          | 5.93%  | Underground material up, TEC & Contractor overhead down |
| SECONDARY             | 43.29         | 4.64%        | 50.61           | -4.13%        | 93.90           | -0.28%   | Underground material up, TEC & Contractor overhead down |
| TRANSFORMERS          | 347.12        | 1.65%        | 78.25           | -6.33%        | 425.37          | 0.08%  | Underground material up, TEC & Contractor overhead down |
| TRENCHING             |               |              |                 |               |                 |  |   |
| PRIMARY & SECONDARY   |               |              | 363.90          | -9.26%        | 363.90          | -9.26%   | Contractor overhead down                                |
| SERVICES              |               |              | 343.47          | -10.10%       | 343.47          | -10.10%  | Contractor overhead down                                |
| SUB-TOTAL             | 823.84        | 4.84%        | 1,077.68        | -9.02%        | 1,901.52        | -3.49%   |   |
| STORES HANDLING       | 115.17        | -4.27%       |                 |               | 115.17          | -4.27%   | Material handling overhead down                         |
| SUB-TOTAL             | 939.01        | 3.63%        | 1,077.68        | -9.02%        | 2,016.69        | -3.54%   |   |
| ENGINEERING           |               |              | 65.66           | 0.00%         | 65.66           | 0.00%  |   |
| <b>TOTAL</b>          | <b>939.01</b> | <b>3.63%</b> | <b>1,143.34</b> | <b>-8.55%</b> | <b>2,082.35</b> | <b>-3.43%</b>  |   |
|                       |               |              |                 |               | <b>1,246.78</b> | <i>Net Present Value of the Life Cycle Operational Cost Including Storm Restoration and Lost Pole Attachment Revenue</i> |   |
| Total with NPV Factor |               |              |                 |               | <b>3,329.13</b> | <i>Total Including NPV of Operational Cost</i>   |   |

## Overhead Costs (per lot)

| ITEM                  | MATERIAL      |              | LABOR         |                | TOTAL           |  | EXPLANATION OF % CHANGE                        |
|-----------------------|---------------|--------------|---------------|----------------|-----------------|--|--|
|                       | COST          | % CHANGE     | COST          | % CHANGE       | COST            | % CHANGE   |  |
| SERVICE               | 79.03         | 4.61%        | 74.75         | -49.72%        | 153.78          | -31.42%  | Material up, TEC & Contractor overheads down   |
| PRIMARY               | 13.86         | 1.17%        | 41.78         | -4.13%         | 55.64           | -2.86%   | Material up, TEC & Contractor overheads down   |
| SECONDARY             | 108.95        | -1.78%       | 151.11        | -4.12%         | 260.06          | -3.16%   | Material down, TEC & Contractor overheads down |
| INITIAL TREE TRIM     |               |              | 0.00          |                | 0.00            |  |  |
| POLES                 | 139.02        | -0.52%       | 256.07        | -4.12%         | 395.09          | -2.88%   | Material down, TEC & Contractor overheads down |
| TRANSFORMERS          | 202.22        | 5.57%        | 80.56         | -4.12%         | 282.78          | 2.62%  | Material up, TEC & Contractor overheads down   |
| SUB-TOTAL             | 543.08        | 2.18%        | 604.27        | -13.79%        | 1,147.35        | -6.90%   |  |
| STORES HANDLING       | 75.92         | -6.70%       |               |                | 75.92           | -6.70%   | Handling overhead down                         |
| SUB-TOTAL             | 619.00        | 1.00%        | 604.27        | -13.79%        | 1,223.27        | -6.89%   |  |
| ENGINEERING           |               |              | 65.66         | 0.00%          | 65.66           | 0.00%  |  |
| <b>TOTAL</b>          | <b>619.00</b> | <b>1.00%</b> | <b>669.93</b> | <b>-12.61%</b> | <b>1,288.93</b> | <b>-6.56%</b>  |  |
|                       |               |              |               |                | <b>2,531.19</b> | <i>Net Present Value of the Life Cycle Operational Cost Including Storm Restoration and Lost Pole Attachment Revenue</i> |  |
| Total with NPV Factor |               |              |               |                | <b>3,820.12</b> | <i>Total Including NPV of Operational Cost</i>   |  |

## Differential Costs (per lot)

| ITEM                                      | MATERIAL      |              | LABOR         |               | TOTAL            |                 |
|---|---------------|--------------|---------------|---------------|------------------|-----------------|
|   | COST          | % CHANGE     | COST          | % CHANGE      | COST             | % CHANGE        |
| <i>Differential (per lot)</i>             | <b>320.01</b> | <b>9.12%</b> | <b>473.41</b> | <b>-2.10%</b> | <b>793.42</b>    | <b>2.13%</b>    |
| <i>NPV amount</i>                         |               |              |               |               | <b>-1,284.41</b> |                 |
| <i>Differential<sup>1</sup> (per lot)</i> | <b>0.00</b>   |              | <b>0.00</b>   |               | <b>-490.99</b>   | <b>-298.23%</b> |

<sup>1</sup> Includes NPV of Operational Cost

**OH Construction Cost Data Summary  
Low Density (210-Lot) OH Subdivision Costs**

| Line # | A<br>Work Type/WR #                               | B<br>Description  | C<br>(C + M)<br>Material and<br>Handling | D<br>Material | E<br>(F + L)<br>Total Labor<br>Plus Vehicles | F<br>(G + H + I)<br>Total Labor | G<br>Base<br>Labor | H<br>(J x K x TLF)<br>TEC Labor<br>Overheads | I<br>(G x K x CLF)<br>Contract Labor<br>Overheads | J<br>TEC<br>Work % | K<br>Contractor<br>Work % | L<br>Vehicle | M<br>(D x MHR)<br>Material<br>Handling | N<br>(C+E)<br>Total |
|--------|---|---|--|---------------|--|---------------------------------|--------------------|--|---|--------------------|---------------------------|--------------|--|---------------------|
| 1      | Transformers                                      |   |  |               |  |                                 |                    |  |   |                    |                           |              |  |                     |
| 2      | 925037  | Install & Ground Transformers                               | 48,402.29                                | \$42,465.60   | 16,916.64                                    | 14,846.64                       | 8,596.38           | 5,584.90                                     | 665.36  | 60%                | 40%                       | \$2,070.01   | 5,936.69                               | 65,318.94           |
| 4      | Primary   |   |  |               |  |                                 |                    |  |   |                    |                           |              |  |                     |
| 5      | 925038  | Install Primary Line<br>includes Grounding Primary Takeoffs | 3,316.46                                 | \$2,909.69    | 8,774.62                                     | 7,700.91                        | 4,458.92           | 2,896.87                                     | 345.12  | 60%                | 40%                       | \$1,073.71   | 406.77                                 | 12,091.08           |
| 7      | Poles   |   |  |               |  |                                 |                    |  |   |                    |                           |              |  |                     |
| 8      | 925039  | Install Poles and Guy Stubs<br>Includes Haul Poles Out      | 33,276.02                                | \$29,194.61   | 53,774.17                                    | 47,194.08                       | 27,325.94          | 17,753.12                                    | 2,115.03  | 60%                | 40%                       | \$6,580.09   | 4,081.41                               | 87,050.19           |
| 10     | Secondary   |   |  |               |  |                                 |                    |  |   |                    |                           |              |  |                     |
| 11     | 925040  | Install Secondary Cable                                     | 26,077.58                                | \$22,879.08   | 31,733.84                                    | 27,850.72                       | 16,125.90          | 10,476.67                                    | 1,248.14  | 60%                | 40%                       | \$3,883.12   | 3,198.50                               | 57,811.41           |
| 13     | Services  |   |  |               |  |                                 |                    |  |   |                    |                           |              |  |                     |
| 14     | 926547  | Install Service Cable & Meters                              | 18,916.19                                | \$16,596.06   | 15,698.37                                    | 13,777.44                       | 7,977.30           | 5,182.69                                     | 617.44  | 60%                | 40%                       | \$1,920.93   | 2,320.13                               | 34,614.56           |
| 17     | Engineering                                       | Design/Inspection/Coordination                              | -  | -             | 13,788.39                                    | 13,788.39                       | -                  | -  | -   | 100%               | 0%                        | -            | -                                      | 13,788.39           |
| 19     | Tree Trim   |   |  |               |  |                                 |                    |  |   |                    |                           |              |  |                     |
| 21     | Totals (Sum of lines 2, 5, 8, 11, 14, 17, and 19) |   | \$ 129,988.54                            | \$ 114,045.04 | \$ 140,686.03                                | \$ 125,158.18                   | \$ 64,484.44       | \$ 41,894.25                                 | \$ 4,991.10                                       |                    |                           | \$ 15,527.85 | \$ 15,943.50                           | \$ 270,674.57       |
| 22     | Cost per Lot (line 21 / 210 lots)                 |   | \$ 618.99                                |               | \$ 669.93                                    |                                 |                    |  |   |                    |                           |              |  | \$ 1,288.93         |

| Adjustment Factors                         |              |
|--|--------------|
| TEC Operations Labor Overhead Factor       | TLF = 1.0828 |
| Contractor Labor Overhead Factor           | CLF = 0.1935 |
| Current year material handling charge rate | MHR = 0.1398 |



# Estimate Summary

Design Number 1

Contact Name:

Distribution Services  
LDOH 2000 sq ft SERVICE

Printed Date: 3/23/2018

District: CSA

**WR No. 926547**

Date Sched: 3/23/18

Date Required: 3/23/18

**Additional Information:** Used for 2000 square foot design

**WR Description:** LDOH 2000 sq ft SERVICE

| INSTALLATION:     | Capital     | Oper./Maint. | Total       |
|-------------------|-------------|--------------|-------------|
| MATERIAL:         | \$8,956.26  | \$0.00       | \$8,956.26  |
| OVERHEAD:         | \$1,252.09  | \$0.00       | \$1,252.09  |
|                   | \$10,208.35 | \$0.00       | \$10,208.35 |
| LABOR HOURS:      | 198.49      | 0            | 198.49      |
| LABOR COST:       | \$7,977.30  | \$0.00       | \$7,977.30  |
| OVERHEAD:         | \$10,558.75 | \$0.00       | \$10,558.75 |
|                   | \$18,536.05 | \$0.00       | \$18,536.05 |
| VEHICLE:          | \$0.00      | \$0.00       | \$0.00      |
| CONTRACTOR:       | \$0.00      | \$0.00       | \$0.00      |
| ADDITIONAL ITEMS: | \$0.00      | \$0.00       | \$0.00      |
| SUBTOTAL:         | \$28,744.40 | \$0.00       | \$28,744.40 |
| <b>REMOVAL:</b>   |             |              |             |
| MATERIAL:         | \$0.00      | \$0.00       | \$0.00      |
| OVERHEAD:         | \$0.00      | \$0.00       | \$0.00      |
|                   | \$0.00      | \$0.00       | \$0.00      |
| LABOR HOURS:      | 0           | 0            | 0           |
| LABOR COST:       | \$0.00      | \$0.00       | \$0.00      |
| OVERHEAD:         | \$0.00      | \$0.00       | \$0.00      |
|                   | \$0.00      | \$0.00       | \$0.00      |
| VEHICLE:          | \$0.00      | \$0.00       | \$0.00      |
| CONTRACTOR:       | \$0.00      | \$0.00       | \$0.00      |
| ADDITIONAL ITEMS: | \$0.00      | \$0.00       | \$0.00      |
| SUBTOTAL:         | \$0.00      | \$0.00       | \$0.00      |
| <b>TRANSFER:</b>  |             |              |             |
| LABOR HOURS:      | 0           | 0            | 0           |
| LABOR COST:       | \$0.00      | \$0.00       | \$0.00      |
| OVERHEAD:         | \$0.00      | \$0.00       | \$0.00      |
|                   | \$0.00      | \$0.00       | \$0.00      |
| VEHICLE:          | \$0.00      | \$0.00       | \$0.00      |
| CONTRACTOR:       | \$0.00      | \$0.00       | \$0.00      |
| ADDITIONAL ITEMS: | \$0.00      | \$0.00       | \$0.00      |
| SUBTOTAL:         | \$0.00      | \$0.00       | \$0.00      |
| TOTALS:           | \$28,744.40 | \$0.00       | \$28,744.40 |

THIS FORM IS NOT TO BE USED FOR CONTRIBUTION IN AID CONSTRUCTION (CIAC).