Lake Worth, Florida. The Art of Florida Living.<sup>sm</sup>



7 North Dixie Highway Lake Worth, FL 33460 561.586.1600

### AGENDA CITY OF LAKE WORTH BEACH ELECTRIC UTILITY CITY COMMISSION MEETING CITY HALL COMMISSION CHAMBER TUESDAY, JANUARY 28, 2020 -- 6:00 PM

ROLL CALL:

PLEDGE OF ALLEGIANCE: led by Vice Mayor Andy Amoroso

# AGENDA - Additions / Deletions / Reordering:

**PRESENTATIONS:** (there is no public comment on Presentation items)

- A. FY2019 Results and Scorecard
- B. Lake Worth Beach Electric Utility Web Page and News Page

# PUBLIC PARTICIPATION OF NON-AGENDAED ITEMS AND CONSENT AGENDA:

# **APPROVAL OF MINUTES:**

A. October 29, 2019 meeting

# ADJOURNMENT:

If a person decides to appeal any decision made by the board, agency or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. (F.S. 286.0105)



Electric Utility Presentation January 28, 2020 6:00 PM Ed Liberty, Electric Utility Director

# **FINANCIAL OVERVIEW**

|    |             | SUMMARY (          | OF FINANCIAL A  | ACTIVITY FY 20   | 19 (BUDGET -   | vs- ACTUAL)    |              |
|----|-------------|--------------------|-----------------|------------------|----------------|----------------|--------------|
|    |             | Catagony           | FY 2019         | FY 2019          | FY 2019        | FY 2019        | Totala       |
| #  |             | Category           | 1st Qtr 2nd Qtr |                  | 3rd Qtr        | 4th Qtr        | Totals       |
| Α. |             |                    | 12 Month (Bu    | d -vs- Actual) M | odel           |                |              |
| 1  | Budget      | Operating Revenues | \$ 14,115,359   | \$ 11,527,701    | \$ 14,022,969  | \$ 16,937,566  | 56,603,595   |
| 2  | (Oct - Sep) | Operating Expenses | \$(11,562,431)  | \$(10,175,221)   | \$(11,102,672) | \$(14,058,547) | (46,898,871) |
| 3  |             | Operating Income   | 2,552,928       | 1,352,480        | 2,920,297      | 2,879,019      | 9,704,724    |
| Β. |             |                    |                 |                  |                |                |              |
| 4  | Actual      | Operating Revenues | \$ 14,160,026   | \$ 10,933,415    | \$ 14,535,293  | \$ 16,692,531  | 56,321,265   |
| 5  | (Oct - Sep) | Operating Expenses | \$ (8,384,946)  | \$(10,972,188)   | \$(11,260,753) | \$(13,584,256) | (44,202,143) |
| 6  |             | Operating Income   | 5,775,080       | (38,773)         | 3,274,540      | 3,108,275      | 12,119,122   |
|    |             |                    |                 |                  |                |                |              |

#### **ELECTRIC UTILITY DEPARTMENT (Fund # 401)** Profit & Loss Statement (12 mths Actual Preliminary) 1/15/2020 FY 2019 (Y-T-D) Oct - Sep Oct - Sep **CATEGORY DESCRIPTION** Variance Budget Actual # REVENUES **Convenience** Fees \$ 1 100,898 \$ 50,000 \$ 50,898 Pole Attachment, NSF, Misc Rev \$ \$ \$ 2 177,415 110,810 66,605 **Residential Sales** 3 \$ 31,657,591 \$ 31,894,126 \$ (236,535) **Commercial Sales** 20,764,787 \$ 21,688,230 \$ (923, 443)4 \$ Street Lighting \$ \$ 5 350,576 \$ 355,000 (4, 424)Private Area Lighting 6 \$ 257,418 \$ 250,000 \$ 7,418 Service Charge \$ 7 651,850 \$ 670,000 \$ (18, 150)\$ Late Fees \$ 8 516,088 \$ 535,000 (18,912)\$ \$ Investments \$ 180,000 9 343,058 163,058 Capacity Revenues (PESco/FGU) \$ \$ \$ 10 258,814 258,814 Other Revenues \$ \$ \$ 11 127,414 25,350 102,064 **FDOT Reimbursement** \$ 173,116 \$ 131,000 \$ 12 42,116 CAIC \$ \$ \$ 13 228,160 228,160 Contribution From Enterprise Funds \$ \$ \$ 14 714,080 714,080 **Operating Revenues** \$ 56,603,595 \$ 15 \$ 56,321,265 (282, 330)

|    | ELECTRIC UTILITY DEPAR<br>Profit & Loss Statement (12 mt |                     |            |    | _                   | 1/ | 15/2020     |  |  |  |
|----|--|---------------------|------------|----|---------------------|----|-------------|--|--|--|
|    |  | FY 2019 (Y-T-D)     |            |    |                     |    |             |  |  |  |
| #  | CATEGORY DESCRIPTION                                     | Oct - Sep<br>Actual |            |    | Oct - Sep<br>Budget |    | Variance    |  |  |  |
|    | EXPENDITURES   |                     |            |    |                     |    |             |  |  |  |
| 19 | Salary & Benefits  | \$                  | 8,205,061  | \$ | 8,301,720           | \$ | (96,659)    |  |  |  |
| 20 | Overtime   | \$                  | 775,734    | \$ | 728,243             | \$ | 47,491      |  |  |  |
| 21 | Professional Services (Info Tech)                        | \$                  | 490,040    | \$ | 490,040             | \$ | 0           |  |  |  |
| 22 | Contractual Services                                     | \$                  | 2,344,615  | \$ | 2,656,760           | \$ | (312,145)   |  |  |  |
| 23 | Contractual Services PPA                                 | \$                  | 27,436,605 | \$ | 30,583,878          | \$ | (3,147,273) |  |  |  |
| 24 | Contractual Services PESCO                               | \$                  | 200,621    | \$ | -                   | \$ | 200,621     |  |  |  |
| 25 | Travel & Training  | \$                  | 39,453     | \$ | 79,200              | \$ | (39,747)    |  |  |  |
| 26 | Insurance  | \$                  | 721,330    | \$ | 721,330             | \$ | (0)         |  |  |  |
| 27 | Maintenance  | \$                  | 1,427,122  | \$ | 1,798,150           | \$ | (371,028)   |  |  |  |
| 28 | Utility & Communication                                  | \$                  | 296,426    | \$ | 243,840             | \$ | 52,586      |  |  |  |
| 29 | Hurricane Dorian Expenses                                | \$                  | -          | \$ | -                   | \$ | -           |  |  |  |
| 30 | Operating Expenses                                       | \$                  | 2,265,137  | \$ | 1,261,960           | \$ | 1,003,177   |  |  |  |
| 31 | Operating Expenses                                       | \$                  | 44,202,143 | \$ | 46,898,871          | \$ | (2,662,978) |  |  |  |

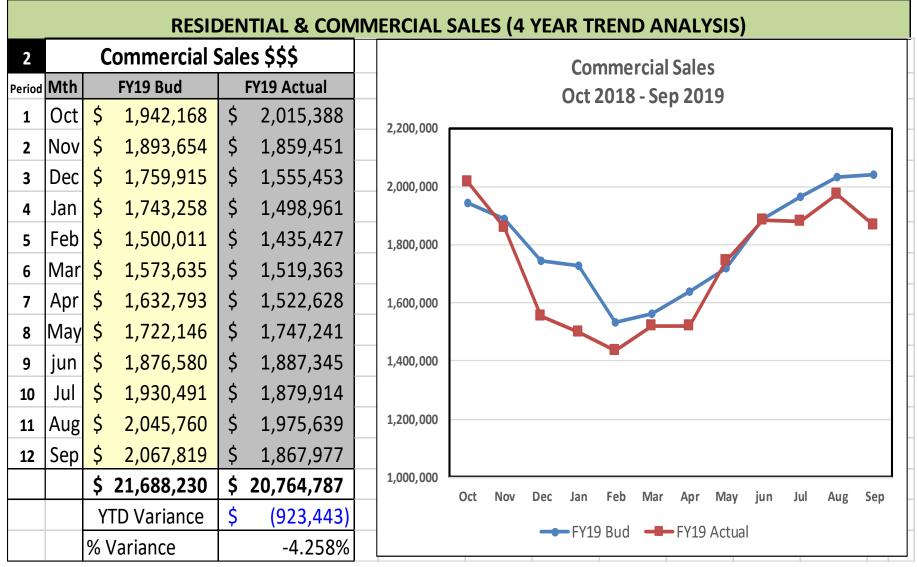
# **SALARY AND OVERTIME REPORT**

|   | SALARY & FISCAL YE      |              |              | 2019         | FISCAL YEAR 2018 |                |              |             |     | FISCAL YEAR 2017 |              |              |     |  |  |
|---|-------------------------|--------------|--------------|--------------|------------------|----------------|--------------|-------------|-----|------------------|--------------|--------------|-----|--|--|
|   | Divisions               | YTD          | YTD          | Total        | YTD              | YTD<br>Colorry | YTD          | Total       | YTD | YTD<br>Calarri   | YTD          | Total        | YTD |  |  |
|   |                         | Salary       | Overtime     | Sal & O/T    | %                | Salary         | Overtime     | Sal & O/T   | %   | Salary           | Overtime     | Sal & O/T    | %   |  |  |
| 1 | Administration          | \$ 563,007   | \$ 2,259     | \$ 565,266   | 0%               | \$ 519,120     | \$ 2,847     | \$ 521,967  | 1%  | \$ 387,637       | \$ 10,490    | \$ 398,127   | 3%  |  |  |
| 2 | Engineering             | \$ 566,166   | \$ 2,461     | \$ 568,627   | 0%               | \$ 609,238     | \$ 2,837     | \$ 612,075  | 0%  | \$ 600,828       | \$ 15,076    | \$ 615,904   | 3%  |  |  |
| 3 | Power Plant             | \$ 849,364   | \$ 140,753   | \$ 990,117   | 17%              | \$ 999,859     | \$ 168,090   | \$1,167,949 | 17% | \$ 1,171,440     | \$ 267,810   | \$ 1,439,251 | 23% |  |  |
| 4 | System Ops              | \$ 584,562   | \$ 82,779    | \$ 667,342   | 14%              | \$ 608,007     | \$ 70,085    | \$ 678,092  | 12% | \$ 536,847       | \$ 160,796   | \$ 697,643   | 30% |  |  |
| 5 | Trans & Distr           | \$ 1,669,871 | \$ 483,396   | \$ 2,153,267 | 29%              | \$1,677,224    | \$ 464,476   | \$2,141,700 | 28% | \$ 2,001,032     | \$ 864,904   | \$ 2,865,936 | 43% |  |  |
| 6 | Meter Shop              | \$ 496,953   | \$ 9,061     | \$ 506,015   | 2%               | \$ 491,854     | \$ 8,089     | \$ 499,943  | 2%  | \$ 119,494       | \$ 17,619    | \$ 137,114   | 15% |  |  |
| 7 | Customer Serv           | \$ 484,952   | \$ 40,127    | \$ 525,079   | 8%               | \$ 540,747     | \$ 52,040    | \$ 592,787  | 10% | \$ 494,514       | \$ 60,993    | \$ 555,507   | 12% |  |  |
| 8 | Total                   | \$ 5,214,875 | \$ 760,836   | \$ 5,975,711 | 15%              | \$5,446,049    | \$ 768,464   | \$6,214,513 | 14% | \$ 5,311,793     | \$ 1,397,687 | \$ 6,709,480 | 26% |  |  |
|   | Reduction in<br>(FY2017 |              | \$ (238,802) |              |                  |                | \$ (494,967) |             |     |                  |              |              |     |  |  |

# Residential Sales \$\$\$

#### **RESIDENTIAL & COMMERCIAL SALES (4 YEAR TREND ANALYSIS) Residential Sales \$\$\$** 1 **Residential Sales** Period Mth FY19 Bud FY19 Actual Oct 2018 - Sep 2019 Oct \$ 3,072,983 \$ 3,282,901 1 \$4,000,000 Nov \$ 2,624,523 \$ 2,796,694 2 Dec \$ 2,296,678 \$ 2,157,835 3 \$3,500,000 Jan \$ 2,342,823 \$ 2,010,513 4 1,874,947 1,825,358 Feb S Ś 5 \$3,000,000 1,967,589 \$ Mar \$ 2,050,490 6 Apr \$ 2,154,840 \$ 2,061,902 7 \$2.500.000 2,446,325 \$ 2,595,424 May \$ 8 jun <mark>\$ 2,913,564</mark> \$ 3,100,075 \$2,000,000 9 \$ 3,417,397 \$ 3,234,351 Jul 10 \$1,500,000 Aug \$ 3,432,673 3,411,228 Ś 11 3,349,784 3,130,819 Sep \$ \$ 12 \$1,000,000 \$ 31,894,126 Ś 31,657,591 Oct Nov jun Dec Jan Feb Mar Apr May Jul Aug Sep (236, 535)**YTD** Variance \$ -FY19 Bud -FY19 Actual % Variance -0.742%

# Commercial Sales \$\$\$



| #  |       | FY 2019 - El              | ec      | tric U       | tility B     | alance            | ed Scor        | ecard (            | Financi          | ial & C                            | ustom                            | er Qu                          | adrant            | s)     |                        |
|----|-------|---------------------------|---------|--------------|--------------|-------------------|----------------|--------------------|------------------|------------------------------------|----------------------------------|--------------------------------|-------------------|--------|------------------------|
|    |       |                           | FY 2018 |              |              |                   | F              | <u>/ 2019</u>      | 1                | Variance Analysis                  |                                  |                                |                   |        |                        |
|    |       | Oct - Sep                 | Se      | ptember (\$) | YTD<br>\$    | September<br>(\$) | YTD (\$)<br>\$ | Mthly Budget<br>\$ | YTD Budget<br>\$ | Month<br>Variance to<br>Prior Year | YTD<br>Variance to<br>Prior Year | Month<br>Variance<br>to Budget | YTD Varia<br>Budg |        | Growth<br>Factor (+/-) |
|    |       | Operating Revenues        |         |              |              |                   |                |                    |                  |                                    |                                  |                                |                   |        |                        |
| 1  |       | Residential Sales         | \$      | 3,162,320    | \$30,564,427 | \$ 3,130,819      | \$ 31,657,592  | \$ 3,349,784       | \$ 31,894,127    | \$ (31,501)                        | \$ 1,093,164                     | \$(218,965)                    | \$ (236,535)      | -0.7%  | 3.6%                   |
| 2  |       | Commercial Sales          | \$      | 2,039,165    | \$21,797,340 | \$ 1,955,696      | \$ 21,767,213  | \$ 2,153,235       | \$ 22,713,229    | \$ (83,469)                        | \$ (30,128)                      | \$(197,539)                    | \$ (946,016)      | -4.2%  | -0.1%                  |
| 3  | -     | Private Area Lighting     | \$      | 20,496       | \$ 256,841   | \$ 21,726         | \$ 257,418     | \$ 20,833          | \$ 249,999       | \$ 1,229                           | \$ 576                           | \$ 892                         | \$ 7,418          | 3.0%   | 0.2%                   |
| 4  | V I V | Pole Attachment Revenues  | \$      | 3,636        | \$ 76,736    | \$ 179,297        | \$ 219,117     | \$ 15,435          | \$ 110,810       | \$ 175,661                         | \$ 142,381                       | \$ 163,862                     | \$ 108,307        | 97.7%  | 185.5%                 |
| 5  | Ž     | CAIC                      | \$      | -            | \$-          | \$ -              | \$ 228,160     | \$ -               | \$-              | \$ -                               | \$ 228,160                       | \$ -                           | \$ 228,160        | 0.0%   | 0.0%                   |
| 6  | Ž     | Other Revenues            | \$      | 259,399      | \$ 2,295,531 | \$ 328,132        | \$ 2,191,766   | \$ 65,863          | \$ 1,635,430     | \$ 68,733                          | \$ (103,765)                     | \$ 262,270                     | \$ 556,336        | 34.0%  | -4.5%                  |
| 7  | Ē     | Total Operating Revenues  | \$      | 5,485,016    | \$54,990,876 | \$ 5,615,670      | \$ 56.321.265  | \$ 5,605,149       | \$ 56,603,595    | \$ 130,654                         | \$ 1,330,389                     | \$ 10,520                      | \$ (282,330)      | -0.5%  | 2.4%                   |
| 8  |       | Operating Expenses        |         | , ,          | . , ,        |                   | . , ,          |                    |                  |                                    |                                  | . ,                            |                   |        |                        |
| 9  |       | Labor (Salaries+Overtime) | \$      | 426,264      | \$ 9,155,686 | \$ 798,190        | \$ 8,980,795   | \$ 694,613         | \$ 9,029,963     | \$ 371,927                         | \$ (174,891)                     | \$ 103,578                     | \$ (49,168)       | -0.5%  | -1.9%                  |
| 10 |       | Purchase Power Costs      | \$      | 7,534,647    | \$34,586,216 | \$ 2,876,526      | \$ 27,436,605  | \$ 3,212,173       | \$ 30,583,878    | \$(4,658,121)                      | \$ (7,149,611)                   | \$(335,647)                    | \$(3,147,273)     | -10.3% | -20.7%                 |
| 11 |       | Capacity Sale (PESCO)     | \$      | -            | \$-          | \$ 244,750        | \$ 200,621     | \$-                | \$-              | \$ 244,750                         | \$ 200,621                       | \$ 244,750                     | \$ 200,621        | 0.0%   | 0.0%                   |
| 12 |       | Other O&M Costs           | \$      | 2,064,970    | \$ 8,056,158 | \$ 1,436,847      | \$ 7,584,122   | \$ 604,273         | \$ 7,251,280     | \$ (628,123)                       | \$ (472,036)                     | \$ 832,573                     | \$ 332,842        | 4.6%   | -5.9%                  |
| 13 |       | Total Operating Expenses  | \$      | 10,025,881   | \$51,798,059 | \$ 5,356,313      | \$ 44,202,143  | \$ 4,511,059       | \$ 46,865,121    | \$(4,669,567)                      | \$ (7,595,917)                   | \$ 845,254                     | \$(2,662,978)     | -5.7%  | -14.7%                 |

# FINANCIAL & CUSTOMER SERVICE QUADRANTS

| 14 | Energy Dispensed<br>(kWHrs)                      | Sep'18<br>(kWhrs) | Sep'19<br>(kWhrs) | •           | Variance<br>/hrs) | Oct'17-Sep'18<br>(kWhrs) | Oct'18-<br>Sep'19<br>(kWhrs) | YTD Variance to Prior Year |                     |              |                 |                      |            |
|----|--|-------------------|-------------------|-------------|-------------------|--------------------------|------------------------------|----------------------------|---------------------|--------------|-----------------|----------------------|------------|
| 15 | <br>Residential (kWh)                            |                   |                   |             |                   |                          |                              |                            |                     |              |                 |                      |            |
| 16 | <br>· · · ·                                      | 27,323,371        | 26,016,577        | (1,306,794) | -5.0%             | 249,504,724              | 259,830,749                  | 10,326,025                 | 4.0%                |              |                 |                      |            |
| 17 | Residential Net Metered                          | -                 | 88,587            | -           | 0.0%              | -                        | 474,406                      | -                          | 0.0%                |              |                 |                      |            |
| 18 | Commercial (kWh)                                 | 9,582,746         | 8,889,164         | (693,582)   | -7.8%             | 100,062,788              | 98,276,034                   | (1,786,754)                | -1.8%               |              |                 |                      |            |
| 19 | Commercial Net Metered                           | -                 | 31,636            | -           | 0.0%              | -                        | 190,900                      | -                          | 0.0%                |              |                 |                      |            |
| 20 | Private Area Lighting                            | 100,730           | 102,176           | 1,446       | 1.4%              | 1,211,252                | 1,210,766                    | (486)                      | 0.0%                |              |                 |                      |            |
| 21 | Other / Gov't                                    | 7,053,906         | 6,980,076         | (73,830)    | -1.1%             | 77,674,147               | 77,430,781                   | (243,366)                  | -0.3%               |              |                 |                      |            |
| 22 | Street Lights                                    | 212,810           | 212,810           | -           | 0.0%              | 2,553,302                | 2,553,720                    | 418                        | 0.0%                |              |                 |                      |            |
| 23 | SUB-TOTAL  | 44,273,563        | 42,321,026        | (2,072,760) | -4.9%             | 431,006,213              | 439,967,356                  | 8,295,837                  | 1.9%                |              |                 |                      |            |
| 24 | Energy Received<br>(Net to System)               | Sep'18<br>(kWhrs) | Sep'19<br>(kWhrs) | •           | Variance<br>/hrs) | Oct'17-Sep'18<br>(kWhrs) | Oct'18-<br>Sep'19<br>(kWhrs) | YTD Variar<br>Ye           | nce to Prior<br>ear |              |                 |                      |            |
| 25 | Wholesale Power Received<br>(less solar) (MWHrs) | 47,081,839        | 45,284,023        | (1,797,816) | -3.8%             | 469,291,955              | 470,437,918                  | 1,145,963                  | 0.2%                |              |                 |                      |            |
| 26 | Lake Worth Solar Plant<br>Production (KWHrs)     | 272,100           | 279,000           | 6,900       | 2.5%              | 3,120,730                | 3,142,000                    | 21,270                     | 0.7%                |              |                 |                      |            |
|    |  |                   |                   |             |                   |                          |                              |                            |                     |              |                 |                      |            |
| 27 | Degree Days                                      | Sep'18            | Sep'19            | Monthly     | Variance          | Oct'17-Sep'18            | Oct'18-Sep'19                | YTD Variance               | e to Prior Year     |              |                 |                      |            |
| 28 |  | 540               | 529               | (11)        | -2.1%             | 4,510                    | 4,766                        | 256                        | 5.7%                |              |                 |                      |            |
| 29 | Meter Data                                       |                   | Aug-18            |             |                   | Aug-19                   |                              | Monthly                    | Variance            | Month        | nly Variance    | Monthly              | / Variance |
| 30 |  | Meters            | Avg \$            | Total \$    | Meters            | Avg \$                   | Total \$                     | Me                         | ters                | Av           | erage \$        | To                   | tal \$     |
| 31 | Amount Owed at Disconnect                        | 522               | \$ 216            | \$ 112,585  | 589               | \$ 221                   | \$ 129,970                   | 67                         | 12.8%               | \$5          | 2.3%            | \$ 17,385            | 15.4%      |
| 32 | Collection Data                                  | *                 | lay / Jun '2019   |             |                   | * Jun / Jul '2019        |                              | * 3 month lag              | - Latest collect    | ion data pro | ovided by Meter | r Shop               |            |
| 33 | Collections (Jun'19 -vs-<br>Jul'19)              | 65                | \$ 201            | \$ 13,034   | 100               | \$ 208                   | \$ 20,838                    | 35                         | 53.8%               | \$8          | 3.9%            | \$7,804 <sup>9</sup> | 59.9%      |

# FINANCIAL & CUSTOMER SERVICE QUADRANT

| CATEGORY   | Sep-18   | Sep-18 YTD | Sep-19   | Sep-19 YTD | Month Variance to Prior Year |                 | YTD Var to Prior Year |            |
|--|----------|------------|----------|------------|------------------------------|-----------------|-----------------------|------------|
| Street Lights                                    |          |            |          |            |                              |                 |                       |            |
| Fleet Availability                               | 96.70%   |            | 98.11%   |            |                              |                 |                       |            |
| Out of Service                                   | 145      |            | 87       |            |                              |                 |                       |            |
| Repair Time (Target 2<br>Days)                   | 8.3 days |            | 3.2 days |            |                              |                 |                       |            |
| Energy Conservation<br>Audits Completed          | 36       | 332        | 28       | 278        | -7.5                         | -21.1%          | -54.5                 | -16.4%     |
| Meter Tampering                                  | 8        | 114        | 13       | 95         | 5                            | 62.5%           | -19                   | -16.7%     |
| Customer Disconnects                             | 522      | 6061       | 589      | 6564       | 67                           | 12.8%           | 503                   | 8.3%       |
| Solar Data                                       | Sep-18   | Sep-18 YTD | Sep-19   | Sep-19 YTD | Month Varianc                | e to Prior Year | YTD Var to            | Prior Year |
| Net Metered Customers                            | 66       | N/A        | 96       | N/A        | 30                           | 45%             | N/A                   | N/A        |
| Solar Energy Purchases<br>from Customers (KWHrs) | 44,772   | 410,736    | 48,140   | 627,907    | 3,368                        | 8%              | 217,171               | 53%        |

|                     |            |           | CUSTON   | AR SERVI   | CES         |        |        |        |        |
|---------------------|------------|-----------|----------|------------|-------------|--------|--------|--------|--------|
|                     |            | Pavm      |          |            | ustomers    |        |        |        |        |
| PAYMENT TYPE        | Jan-19     | Feb-19    | Mar-19   | Apr-19     | May-19      | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
| CREDIT CARDS        | 47%        | 43%       | 41%      | 43%        | 47%         | 45%    | 49%    | 49%    | 50%    |
| CHECKS              | 30%        | 33%       | 35%      | 33%        | 30%         | 30%    | 28%    | 29%    | 27%    |
| e-Checks            | -          | -         | -        | _          | -           | -      | <1%    | <1%    | <1%    |
| ACH (old)           | 11%        | 11%       | 11%      | 12%        | 11%         | 12%    | 11%    | 10%    | 10%    |
| AUTO PAY (new)      | _          | _         | -        | _          | -           | -      | -      | -      | _      |
| CASH (local office) | 12%        | 13%       | 12%      | 12%        | 12%         | 13%    | 11%    | 11%    | 11%    |
| CASH (PayNearMe)    | -          | -         | -        | -          | -           | -      |        |        | <1%    |
| # of Transactions   | 28,387     | 23,682    | 25,931   | 28,040     | 27,047      | 22,893 | 30,596 | 27,919 | 27,336 |
| PAYMENT DETAIL      | Jan-19     | Feb-19    | Mar-19   | Apr-19     | May-19      | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
| ONLINE              | 42%        | 39%       | 37%      | 39%        | 42%         | 40%    | 44%    | 42%    | 44%    |
| BY MAIL             | 21%        | 24%       | 26%      | 24%        | 22%         | 22%    | 20%    | 21%    | 19%    |
| WALK-INS            | 17%        | 17%       | 16%      | 16%        | 15%         | 18%    | 16%    | 16%    | 16%    |
| ACH (OLD)           | 11%        | 11%       | 11%      | 12%        | 11%         | 12%    | 11%    | 10%    | 10%    |
| AUTO PAY (NEW)      | -          | -         | -        | -          | -           | -      | -      | -      | -      |
| DROP BOX            | 9%         | 9%        | 9%       | 9%         | 8%          | 8%     | 8%     | 7%     | 7%     |
| LOCAL OFFICE        | 1%         | <1%       | 1%       | 1%         | 1%          | 1%     | <1%    | 0%     | 0%     |
| PAYMENTUS IVR       | -          | -         | -        | -          | -           | -      | 1%     | 4%     | 3%     |
| PAY NEAR ME         | -          | -         | -        | -          | -           | -      |        |        | 0%     |
| # of Transactions   | 28,387     | 23,682    | 25,931   | 28,040     | 27,047      | 22,893 | 30,596 | 27,919 | 27,336 |
| WALK-INS            | Jan-19     | Feb-19    | Mar-19   | Apr-19     | May-19      | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
| CASH                | 72%        | 74%       | 73%      | 74%        | 73%         | 72%    | 72%    | 73%    | 74%    |
| CREDIT CARD         | 25%        | 24%       | 25%      | 24%        | 26%         | 26%    | 25%    | 25%    | 23%    |
| CHECK               | 3%         | 2%        | 2%       | 2%         | 2%          | 2%     | 3%     | 2%     | 3%     |
| # of Transactions   | 4,753      | 4,071     | 4,280    | 4,698      | 4,402       | 4,034  | 4,856  | 4,354  | 4,212  |
|                     |            |           |          |            |             |        |        |        |        |
| Additi              | onal "Bill | ed Deposi | its" Sum | mary       |             |        |        |        |        |
|                     |            |           | <u> </u> | Additional |             |        |        |        |        |
|                     |            | Required  | Current  | Billed     | Total       |        |        |        |        |
| Months              | # Letters  | Deposit   | Deposit  | Deposit    | Outstanding |        |        |        |        |
|                     |            | Deposit   | Amount   | Amount     | Bal. Due    |        |        |        |        |
| Jun'19              | 361        | 249,400   | 90,463   | 158,937    | 180,411     |        |        |        |        |
| Jul'19              | 370        | 268,850   | 108,083  | 160,767    | 194,202     |        |        |        |        |
| Aug'19              | 434        | 314,800   | 137,754  | 177,046    | 237,328     |        |        |        |        |
| Sep'19              | 364        | 277,950   | 106,392  | 171,558    | 202,229     |        |        |        |        |
| Total               | 1529       | 1,111,000 | 442,692  | 668,308    | 814,170     |        |        |        |        |

# **RELIABILITY DEFINITIONS**

- CAIDI- Customer Average Interruption Duration Index is the average outage duration experienced by a customer and is also a measure of restoration time.
- SAIDI- System Average Interruption Duration Index is the average outage duration for each customer served.
- SAIFI System Average Interruption Frequency Index is the average number of interruption a customer would experience.
- MAIFI Momentary Average Interruption Frequency Index is the average number of momentary interruption a customer would experience in a given period of time (typically a year)
- LBAR Measures the average length of a single outage.

|                | YEARLY RELIABILITY DATA |         |               |       |                |  |  |  |  |  |  |  |
|----------------|-------------------------|---------|---------------|-------|----------------|--|--|--|--|--|--|--|
| YEARS          | SAIFI                   | SAIDI   | CAIDI MAIFI L |       |                |  |  |  |  |  |  |  |
| 2018           | 3.262                   | 132.747 | 40.701        | 4.663 | 173.843        |  |  |  |  |  |  |  |
| 2019           | 1.967                   | 79.842  | 40.585        | 4.835 | 124.614        |  |  |  |  |  |  |  |
| 2019 -VS- 2018 | -39.7%                  | -39.9%  | -0.3%         | 3.7%  | <b>-28.3</b> % |  |  |  |  |  |  |  |

| NET METERING DATA                                   |     |
|---|-----|
| Customers Connected & Running                       | 108 |
| Complete Interconnection Packages Rec'd             | 61  |
| Incomplete Interconnection Packages (Not Notarized) | 19  |
| Number of Non-Responses                             | 28  |
| New Applications in Permitting Status               | 5   |

# End.....Questions



#### MINUTES CITY OF LAKE WORTH BEACH ELECTRIC UTILITY (EU) CITY COMMISSION MEETING TUESDAY, OCTOBER 29, 2019 - immediately following the Special Meeting

The meeting was called to order by Mayor Triolo on the above date at 7:30 PM in the City Commission Chamber located at City Hall, 7 North Dixie Highway, Lake Worth Beach, Florida.

1. <u>ROLL CALL:</u> Present were Vice Mayor Andy Amoroso; and Commissioners Scott Maxwell, Omari Hardy and Herman Robinson. Also present were City Manager Michael Bornstein, City Attorney Christy Goddeau, and City Clerk Deborah M. Andrea. Mayor Pam Triolo was absent.

# 2. <u>AGENDA - Additions/Deletions/Reordering:</u>

There were no changes to the agenda.

## 3. <u>PRESENTATIONS:</u>

(addition) Reliability Update

Ed Liberty, Electric Utility Director, announced that he had just received the powerpoint which had good, current reliability numbers; the financial numbers would be presented when the quarter was finished. He explained that the 2019 numbers were compared to 2018 when the method of calculation was changed to use a time stamp. He reported that the system average interruption had decreased by 35%, the duration had decreased by 41% and the time it took to make the repair was down by 31%, and the overriding message was that things were improving. He said that they were working hard to reduce everyone's interruptions. He stated that the City benchmarked itself against all the other electric utilities in the state and was working to be in the top percentile. He showed an area where the system had been converted from the old overloaded 4kV to the new 26kV circuits, which could handle the load and stated that the project had been completed by the EU staff without outside help. He displayed a slide sent by FMPA that showed how the City's electric rates had come down over the years while rates throughout the country had increased.

A. FMPA Solar Projects

Mr. Liberty reported about the bulk solar projects that the City would participate in with the FMPA. He stated that the Poinsett site project, where the City had taken 10 megawatts out of 223.5, had been delayed; the site was fully permitted and was awaiting interconnection agreements with the Duke Transmission System. He said that Florida Renewable Partners proposed delaying the project until 2023 and providing a new price to reflect the penalties for the delay.

Commissioner Hardy asked if there would be a financial affect to the City because of the project delay.

Mr. Liberty replied that the bulk prices for the supplemental power and the solar project were very attractive and the impact to the City would be negligible; the savings were even greater than anticipated.

Mr. Liberty gave information about FMPA Solar Project 2 on which the Commission would vote in November. He said that the City would take up to 30 megawatts out of 178 and that three different facilities would be located in north central Florida, with interconnection to both FPL and Duke. He explained the structure of the project and the contract terms; the City would have a power sales contract with FMPA for a 20-year term with the option to extend for two additional five-year terms and there would be a price ceiling at \$28 per MWh with the City only paying for energy received from the facility.

Vice Mayor Amoroso asked about the delays in the Solar One Project and if any delays would be anticipated in Solar Two.

Mr. Liberty responded that the delay with Solar One was related to the interconnection application with Duke which had a slow process.

Commissioner Robinson left the meeting at 7:44 PM.

## 4. <u>PUBLIC PARTICIPATION OF NON-AGENDAED ITEMS AND CONSENT</u> <u>AGENDA:</u>

Ryan Oblander announced that he was the newly elected Chair of the EUAB and there might be a meeting on November 6, but it there would not be any policy matters to discuss, it would be rescheduled to early January.

Justin Hoysradt said that he was a solar energy contractor and spoke about delayed interconnection agreements.

## 5. <u>APPROVAL OF MINUTES:</u>

- Action: Motion made by Commissioner Maxwell and seconded by Commissioner Hardy to approve the following minutes:
  - A. September 24, 2019 Meeting
- **Vote:** Voice vote showed: AYES: Vice Mayor Amoroso and Commissioners Maxwell and Hardy. NAYS: None. ABSENT: Mayor Triolo and Commissioner Robinson.

## 6. <u>CONSENT AGENDA:</u>

- Action: Motion made by Commissioner Hardy and seconded by Commissioner Maxwell to approve the Consent Agenda.
  - A. Emergency Purchase Order to Sulzer Pump Services Inc. for repair/rebuild of seized S3 Boiler Feed Water Pump
- **Vote:** Voice vote showed: AYES: Vice Mayor Amoroso and Commissioners Maxwell and Hardy. NAYS: None. ABSENT: Mayor Triolo and Commissioner Robinson.

## 7. <u>NEW BUSINESS:</u>

There were no New Business items on the agenda.

### 8. ADJOURNMENT:

- Action: Motion made by Commissioner Hardy and seconded by Commissioner Maxwell to adjourn the meeting at 8:05 PM.
- **Vote:** Voice vote showed: AYES: Vice Mayor Amoroso and Commissioners Maxwell and Hardy. NAYS: None. ABSENT: Mayor Triolo and Commissioner Robinson.

ATTEST:

Andy Amoroso, Vice Mayor

Deborah M. Andrea, CMC, City Clerk

Minutes Approved: January 28, 2020

A digital audio recording of this meeting will be available in the Office of the City Clerk.