# BEFORE <br> THE PUBLIC UTILITIES COMMISSION OF OHIO 

In the Matter of the Application of the Ohio Development Services Agency for an Order Approving Adjustments to the : Universal Service Fund Riders of : Jurisdictional Ohio Electric Distribution : Utilities.

## SUPPLEMENTAL TESTIMONY

OF
MEGAN MEADOWS

ON BEHALF OF
THE OHIO DEVELOPMENT SERVICES AGENCY

November 19, 2020

# TESTIMONY OF MEGAN MEADOWS On Behalf of The Ohio Development Services Agency 

## I. INTRODUCTION

Q. Please state your name and business address.
A. My name is Megan Meadows. My business address is Ohio Development Services Agency ("Development"), 77 South High Street, 26th Floor, Columbus, Ohio 432161001.
Q. By whom are you employed and in what capacity?
A. I am employed by Development as Deputy Chief of the Office of Community Assistance ("OCA"), an office within Development's Division of Community Services.
Q. Have you previously submitted written testimony on behalf of Development in this case?
A. Yes. My direct testimony in support of Development's original application was filed in this docket on October 30, 2020
Q. What is the purpose of your supplemental testimony?
A. The purpose of this supplemental testimony is to support the amended application which Development has filed in this proceeding. In this testimony, I discuss the reasons for the changes to the Universal Service Fund ("USF") rider revenue requirements and USF rider rates originally proposed for each electric distribution utility ("EDU") and sponsor the revised exhibits and workpapers that document these changes.
Q. Why has Development filed an amended application?
A. The approved test period for purposes of this case is calendar year 2020. Because actual 2020 data was only available through August 2020 at the time the original application was prepared, Development utilized data from September, October, November, and December 2019 as a surrogate for the corresponding months of the 2020 test period. However, Development reserved the right to update its calculations to incorporate additional actual data as it became available. Development now has EDU reported data for September 2020 and I have substituted that data for the September 2019 data used in the original test-period analysis.

## Q. How does the inclusion of the additional month of actual data impact your revenue requirement analysis?

A. Substituting the actual numbers for September 2020 for the estimates used in the original analysis changes the test-period cost of electricity delivered to the EDUs' PIPP customers as well as the amount of the test-period USF rider collections that are offset against that cost to determine the test-period cost of PIPP. Although the primary impact is on the cost of PIPP, there are also changes to several other USF rider revenue requirement components that flow from substituting actual numbers from September 2020 for the September 2019 numbers used in my original analysis.

## Q. How was the cost of PIPP component of each EDU's USF rider revenue requirement determined for purposes of the amended application?

A. The cost of PIPP represents the total cost of electricity consumed by each EDU's PIPP customers during the test period, plus their pre-PIPP balances, less the monthly installment payments billed to PIPP customers, less payments made by or on behalf of PIPP Plus customers during the test period, to the extent that payments exceed the
amount of the installment payments billed over the same period. Substituting actual data from September 2020 for the September 2019 data used in the original analysis produces the revised test-period cost of PIPP Plus for each EDU shown in Exhibit A to the amended application. The supporting work papers are attached to my supplemental testimony as Exhibits MM1 through MM 6.
Q. In your direct testimony, you discussed the need to adjust the test-period cost of PIPP to annualize the impact of Commission-approved changes to EDU tariff rates. Does the use of actual September 2020 data in your revised analysis also affect these adjustments?
A. Yes. As I explained in my direct testimony, PIPP customer payments are based on fixed, specified percentages of the customer's income and are not tied to the cost of electricity the customer consumes. An increase in an EDU rate element widens the gap between the cost of electricity delivered to PIPP customers and the amount paid by PIPP customers, thereby increasing the cost of PIPP. By the same token, a decrease in an EDU tariff rate reduces the cost of PIPP. Thus, it is necessary to adjust the test-period cost of PIPP to account for the impact of these known changes in the underlying EDU tariff rates on the annual revenue requirement the new USF rider rates must be designed to generate during the 2021 collection period. In instances where the rate change is known, but will not occur until after the test period, the impact is annualized by multiplying the total cost of electricity delivered to the subject EDU' s PIPP customers during the test period by the net percentage increase or decrease in the EDU's rates resulting from the rate changes.

Replacing the September 2019 data with the actual September 2020 data changes the total test-period cost of electricity to which the percentage change is applied. In instances where the rate changes occurred during the test period, the cost of electricity delivered to PIPP customers in months prior to the rate change must be restated to recognize the impact of the rate change on the cost of PIPP. In this scenario, the adjustment is calculated by multiplying the cost of electricity for the months prior to the rate change by the net percentage increase or decrease. The availability of actual data for September 2020 eliminated the need to restate that data from the surrogate month of September 2019 in performing these adjustments.

## Q. What effect did replacing the September 2019 data with actual data for

 September 2020 have on the adjustments for Commission-approved changes to EDU tariff rates?A. Compared to the original application, Commission-approved adjustments to the tariffed rates caused the adjusted test-period cost of PIPP to decrease for Duke and DP\&L and an increase for OP, CEI, OE and TE. . The calculations of the related adjustments to the cost of PIPP for these EDUs are shown in A.1.a through A.1.d of the amended application. These adjustments are summarized in of Exhibit A.1.
Q. Does the use of the actual September 2020 data affect the adjustment to the cost of PIPP for the projected increase in enrollment during the 2021 collection period?
A. Yes, as explained in my direct testimony, this adjustment was calculated utilizing the annual PIPP enrollment for each EDU for the period 2015 through 2020. As shown in Exhibit A. 2 to the amended application, the inclusion of the actual September 2020 enrollments produced a decreased average enrollment for all of the EDUs during the test-
period and as projected for 2021. The adjustments to the test-period cost of PIPP described above also affected the adjusted test-period cost of PIPP in Column B Exhibit A. 2 and the average test-period cost of PIPP per customer shown in Column C. Changing these inputs, but using the same methodology described in my direct testimony, produced the revised total adjusted cost of PIPP for each EDU shown in the final column (Column F) in Exhibit A.2.
Q. What was the overall effect on the adjusted test-period cost of PIPP of substituting actual September 2020 data for the September 2019 data, revising the adjustment due to rate changes for each of the EDUs and updating the adjustment for Projected 2020 PIPP enrollments?
A. A comparison of Exhibit A. 2 to the original application with Exhibit A. 2 to the amended application shows that the net impact of these changes was to increase the indicated aggregate revenue requirement associated with the adjusted test-year cost of PIPP component from $\$ 187,634,598$ to $\$ 191,926,577$.
Q. You indicated that, although the primary impact of updating the USF rider revenue requirement analysis was on the cost of PIPP, other components were also affected by substituting actual numbers from September 2020 for the September 2019 numbers used in your original analysis. Please describe these other changes.
A. First, because the Electric Partnership Program ("EPP") costs are allocated based on each EDU's cost of PIPP relative to the total cost of PIPP, the changes to the respective cost of PIPP components produce changes in the EPP components as well. Second, the projected December 31, 2020 PIPP account balances for each EDU must also be recalculated to capture the impact of this additional actual data, resulting
in changes in the adjustments necessary to synchronize the proposed riders with the EDU's PIPP USF account balances as of the riders' proposed effective date of January 1, 2021. Third, the substitution of the actual kWh sales for September 2020 for the September 2019 kWh sales figures used in the original calculations also affects the calculation of the allowance for undercollection.

## Q. How was the EPP component of the USF rider revenue requirement determined for purposes of the amended application?

A. As in the original application, the total proposed allowance for EPP is $\$ 10,429,417$. In the NOI approved by the Commission in its September 9, 2020 opinion and order (the "NOI Order"), Development projected its EPP costs to be $\$ 14,946,196$, but indicated it would review and amend the projection, if required, when filing this application. The allowance will fully find the program based on current costs needed. However, as noted above, the specific amount allocated to each EDU changes due to the change in its relative cost of PIPP. The development of the allocation factors and the results of the allocation are shown in Exhibit B to the amended application.
Q. Has the administrative cost component of the USF rider revenue requirement changed as a result of substituting actual data from September 2020 for the September 2019 used in the original application?
A. Yes. Administrative costs are allocated among the EDUs based on the relative number of PIPP customers during the test-period month with the highest PIPP customer account totals. In the original application, September 2019 was the test-period month with the highest PIPP customer account totals. With the substitution of the September 2020 data,

October 2019 was the test period month with the highest PIPP customer account totals. The overall amount of the PIPP administrative cost did not change. .
Q. What was the effect of substituting actual data for September 2019 on the projected December 31, 2020 account balance element of the USF rider revenue requirement?
A. As shown in Exhibit H of the amended application, Development projects account surpluses for all EDUs. Development now projects a consolidated USF surplus of $\$ 94,346,416$ as compared to the $\$ 79,670,790$ identified in the original application. The workpapers showing the calculations of the December 2020 USF account balances now projected for each EDU are attached to my supplemental testimony as Exhibits MM-7 through MM-12.
Q. Were changes made to the reserve component of the USF rider revenue target in preparing the amended application?
A. No, as explained in my initial testimony, Development determined that a reserve balance needs to be included in the calculation of the USF rider rate in this proceeding. Because the account balance in this amended application does not change, Development reaffirms that a reserve balance needs to be included in the USF rider rate calculation. The reserve component for each EDU is shown in Exhibit F to the amended application. Exhibit F was amended to correct that December 2019 was the month in which each EDU experienced its highest cash flow deficit. The revenue required does not change and accurately reflects December 2019 cash flow deficits for each EDU.
Q. You indicated that substituting actual kWh sales for September 2020 in calculating test-period sales, coupled with the changes in pro forma USF rider revenues, affects
the undercollection component of the revenue requirement. What was the impact of these changes on the undercollection component?
A. As shown in Exhibit G to the amended application, the total allowance for undercollection is now $\$ 2,144,251$ as compared to the $\$ 2,187,951$ proposed in the original application. The workpapers supporting the revisions for each EDU are attached to my testimony as Exhibits MM-13 through MM-18.
Q. Taking into account the various changes you have described, what are the results of your revised USF rider revenue requirement analysis?
A. The results of the revised USF rider revenue requirement analysis for each EDU are summarized in Exhibit I to the amended application. The total revised revenue requirement decreased to $\$ 118,134,842$ compared to $\$ 128,562$, 189 identified in the original application.
Q. How did you calculate the proposed USF rider rate for each EDU?
A. I applied the same Commission-approved rate design methodology described in my initial testimony, substituting actual September 2020 kWh sales for the September 2019 sales used in the original calculation. I began by dividing each EDU's indicated revenue requirement by its revised test-period sales to determine the per kWh rate that would be applicable if the EDU's revenue requirement were to be recovered through a uniform per kWh rate. The kWh sales figures for each EDU are shown in Exhibits MM-19 through MM-24. The per kWh rates that would apply if the respective EDU's revenue requirements were recovered through a uniform per kWh rate are shown in Exhibit J to the amended application.
Q. How did you convert the indicated uniform per kWh USF rider rate for each EDU into the two-tiered rates proposed in the amended application?
A. Under the Commission-approved methodology, the first block of the rate applies to all monthly consumption up to and including $833,000 \mathrm{kWh}$ (i.e., one-twelfth of an annual consumption of $10,000,000 \mathrm{kWh}$ ), while the second block applies to all consumption above $833,000 \mathrm{kWh}$ per month. The rate per kWh for the second block is set at the lower of the PIPP rider rate in effect in October 1999 or the per-kWh rate that would apply if the EDU's annual USF rider revenue requirement were to be recovered through a single block per-kWh rate, with the rate for the first block set at the level necessary to produce the remainder of the EDU's annual USF rider revenue requirement. In this case, this cap is in play for OP, CEI, OE, and TE so the two-tier declining block structure will be in effect for these EDUs. The uniform rate will be in effect for DP\&L and Duke. The EDUs' proposed rider rates are shown in Table II of the amended application. The workpapers supporting the rate calculations are attached to my testimony as Exhibits MM-25 through MM-30. ${ }^{1}$ The final line item on each of these exhibits shows the annual cost impact on the average residential consumer resulting from the use of the declining block rate structure as opposed to a uniform rate per kWh . As in prior cases, I have included this analysis purely for informational purposes.

## Q. How do the USF riders proposed in the amended application compare to the current

 USF riders?A. Table II of the amended application compares the current and proposed rider rates. As indicated in Table I of the amended application, the revenues produced by the current

[^0]USF riders of all EDUs would over collect their indicated revenue targets. Thus, the first block rider rates for OP, DPL, Duke, CEI, OE, and TE will decrease.
Q. Will the USF rider adjustments proposed in the amended application produce the minimum amount of revenue necessary to serve the purposes for which the USF riders were created?
A. Yes, Development's goal is to propose USF riders at the lowest possible level that will generate the revenues sufficient to fund the low-income customer assistance and consumer education programs and to cover the associated administrative costs. However, Development continues to believe that the USF riders must be reviewed no less frequently than annually to assure, to the extent possible, that these riders will generate the necessary level of revenues, but no more than that level.

## Q. Does this conclude your supplemental testimony?

A. Yes; however, I reserve the right to amend or supplement my testimony.

## CERTIFICATE OF SERVICE

I hereby certify that a true copy of the foregoing Supplemental Testimony of Megan Meadows has been served upon the following parties by first class mail, postage prepaid, or electronic mail this $19^{\text {th }}$ day of November 2020.


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## Universal Service Fund

urrent Rider Mechanism

|  |  |  | 10/2019 | 11/2019 | 12/2019 | 1/2020 | $2 / 2020$ | 3/2020 | 4/2020 | 5/2020 | 6/2020 | $7 / 2020$ | 8/2020 | 9/2020 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| American Electric <br> Power - Ohio Power | A. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1. USF Rider Collected on All Customers | \$7,874,110.05 | \$7,232,714.03 | \$8,492,262.60 | \$10,790,039.60 | \$9,981,360.38 | \$9,468,208.95 | \$8,483,333.36 | \$8,012,964.42 | \$9,225,737.82 | \$11,071,352.63 | \$11,190,592.86 | \$10,481,067.67 | \$112,303,744.37 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2. Non-USF Rider Funds |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | a. Customer Payments | \$6,677,011.12 | \$5,798,738.15 | \$6,225,560.57 | \$6,304,543.34 | \$6,307,618.16 | \$6,154,486.91 | \$6,142,787.78 | \$5,987,151.77 | \$5,944,003.22 | \$5,870,228.36 | \$5,566,921.87 | \$6,600,832.58 | \$73,579,883.83 |
|  |  | b. Other Customer Payments | \$2,952,533.84 | \$2,391,533.15 | \$2,525,682.19 | \$2,740,564.26 | \$3,073,169.14 | \$2,782,366.64 | \$2,453,814.02 | \$2,233,790.95 | \$2,162,926.82 | \$2,026,094.88 | \$2,039,019.69 | \$2,942,868.44 | \$30,324,364.02 |
|  |  | c. Agency Payments | \$21,062.22 | \$140,328.69 | \$679,022.74 | \$554,814.74 | \$1,904,739.42 | \$3,637,725.95 | \$460,476.13 | \$341,473.73 | \$207,493.22 | \$154,252.65 | \$361,401.71 | \$647,406.85 | \$9,110,198.05 |
|  |  | 3. Total Payments | \$9,650,607.18 | \$8,330,599.99 | \$9,430,265.50 | \$9,599,922.34 | \$11,285,526.72 | \$12.574.579.50 | \$9.057.077.93 | \$8.562,416.45 | \$8.314.423.26 | \$8,050,575.89 | \$7,967.343.27 | \$10,191,107.87 | \$113,014,445.90 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$113,014,445.90 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4. Payments Applied to Arrearages | \$311,689.56 | \$195,374.79 | \$227,907.33 | \$265,154.44 | \$2,774,161.93 | \$3,482,095.22 | \$462,442.83 | \$361,445.69 | \$244,226.35 | \$117,874.50 | \$136,336.89 | \$254,035.31 | \$8,832,744.84 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 5. Total Amount of Remittance | \$8,185,799.61 | \$7,428,088.82 | \$8,720,169.93 | \$11,055,194.04 | \$12,755,522.31 | \$12,950,304.17 | \$8,945,776.19 | \$8,374,410.11 | \$9,469,964.17 | \$11,189,227.13 | \$11,326,929.75 | \$10,735,102.98 | \$121,136,489.21 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | B. | OCS Admin | \$184,265.82 | \$184,265.82 | \$184,265.78 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$2,179,208.03 |
|  | c. | EPPTEE Program | \$580,524.49 | \$580,524.49 | \$580,524.48 | \$425,915.69 | \$425,915.69 | \$425.915.69 | \$425,915.69 | \$425.915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$5,574,844.67 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | D. | Available Balance (A4-B-C) | \$7,421,009.30 | \$6,663,298.51 | \$7,955,379.67 | \$10,448,566.06 | \$12,148,894.33 | \$12,343,676.19 | \$8,339,148.21 | \$7,767,782.13 | \$8,863,336.19 | \$10,582,599.15 | \$10,720,301.77 | \$10,128,475.00 | \$113,382,466.51 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | E. | Total Costs | \$11,189,870.78 | \$12,036,254.41 | \$17,278,524.58 | \$18,308,735.67 | \$17,007,782.91 | \$15,863,913.80 | \$13,508,345.83 | \$12,516,804.41 | \$11,311,803.71 | \$13,502,438.87 | \$13,943,988.98 | \$13,221,813.00 | \$169,690,276.95 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | F. | Active PIPP and Grad PIPP Bill | \$6,598,820.37 | \$6,549,187.92 | \$6,537,761.45 | \$6,591,238.94 | \$6,580,914.87 | \$6,589,691.46 | \$6,527,106.37 | \$6,486,354.60 | \$6,448,392.44 | \$6,428,731.85 | \$6,424,631.46 | \$6,409,125.35 | \$78,171,957.08 |
|  | G. | Reimbursement Due | \$4,591,050.41 | \$5,487,066.49 | \$10,740,763.13 | \$11,717,496.73 | \$10,426,868.04 | \$9,274,222.34 | \$6,981,239.46 | \$6,030,449.81 | \$4,863,411.27 | \$7,073,707.02 | \$7,519,357.52 | \$6,812,687.65 | \$91,518,319.87 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | H. | Surplus/Deficicit (D-G) | \$2,829,958.89 | \$1,176,232.02 | (\$2,785,383.46) | (\$1,288,930.67) | \$1,722,026.29 | \$3,069,453.85 | \$1,357,908.75 | \$1,737,332.32 | \$3,999,924.92 | \$3,508,892.13 | \$3,200,944.25 | \$3,315,787.35 | \$21,864,146.64 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1. | Cost to USF | \$4,279,360.85 | \$5,291,691.70 | \$10,512,855.80 | \$11,452,342.29 | \$7,652,706.11 | \$5,792,127.12 | \$6,518,796.63 | \$5,669,004.12 | \$4,619,184.92 | \$6,955,832.52 | \$7,383,020.63 | \$6,558,652.34 | \$82,685,575.03 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

> Cost of PIPP:
> Adjustment Test-Period Cost of PIPP:

Enrollment Adjustment Test-Period Cost of PIPP:

| Universal Service Fund <br> Current Rider Mechanism Cost of PIPP |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 10/2019 | 11/2019 | 12/2019 | 1/2020 | ${ }^{2 / 2020}$ | 3/2020 | $4 / 2020$ | 5/2020 | 6/2020 | 7/2020 | 8/2020 | 9/2020 | Total |
| Dayton Power and Light Company | A. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1. USF Rider Collected on All Customers | \$1,154,936.38 | \$962,034.55 | \$1,117,291.53 | \$2,117,842.78 | \$2,023,333.51 | \$1,962,271.85 | \$1,675,738.67 | \$1,501,126.08 | \$1,809,676.85 | \$2,245,072.25 | \$2,192,954.19 | \$2,063,523.27 | \$20,825,801.9 |
|  |  | 2. Non-USF Rider Funds |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | a. Customer Payments | \$1,387,127.04 | \$1,189,718.87 | \$1,265,874.45 | \$1,352,474.38 | \$1,315,918.51 | \$1,285,584.97 | \$1,213,953.82 | \$1,217,959.92 | \$1,206,572.95 | \$1,149,186.28 | \$1,144,108.13 | \$1,367,358.40 | \$15,095,837.72 |
|  |  | b. Other Customer Payments | \$27,351.15 | \$215,171.91 | \$237,617.30 | \$277,753.68 | \$304,809.10 | \$274,556.58 | \$219,772.88 | \$228,044.15 | \$233,157.14 | \$23,344.06 | \$166,940.32 | \$246,821.84 | \$2,914,340. |
|  |  | c. Agency Payments | \$35,702.84 | \$81,477.45 | \$69,211.80 | \$95,532.79 | \$71,240.65 | \$676,911.40 | \$135,437.96 | \$103,868.06 | \$88,257.74 | \$83,107.63 | \$88,122.12 | \$143,429.50 | \$1,672,299.9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3. Total Payments | \$1,699,181.03 | \$1,486,368.23 | \$1,572,703.55 | \$1,725,760.85 | \$1,691,968.26 | \$2,237,052.95 | \$1,569,164.66 | \$1,549,872.13 | \$1,527,987.83 | \$1,465,637.97 | \$1,399,170.57 | \$1,757,609.74 | \$19,682,477.77 |
|  |  | 4. Payments Applied to Arrearages | \$198,554.69 | \$155,531.90 | \$168,279,24 | \$221,183.09 | \$253,444.08 | \$213,949,07 | \$111,643.31 | \$126,596.43 | \$388,204.94 | \$218,270.42 | \$102,330.34 | \$211, 131,28 | 369,1 |
|  |  | 4. Payment Appled |  |  |  |  |  |  |  |  |  |  |  |  | \$2,369,110.79 |
|  |  | 5. Total Amount of Remittance | \$1,353,491.07 | \$1,117,566.45 | \$1,285,570.77 | \$2,339,025.87 | \$2,276,777.59 | \$2,176,220.92 | \$1,787,381.98 | \$1,627,722.51 | \$2,197,881.79 | \$2,463,342.67 | \$2,295,284.53 | \$2,274,654.55 | \$23,194,920.70 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | B. | OCS Admin | \$40,446.83 | \$40,446.83 | \$40,446.85 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$459,951.83 |
|  | c. | EPP/TEE Program | \$80,825.37 | \$80,825.37 | \$80,825.39 | \$75,144.28 | \$75,144.28 | \$75,144.28 | \$75,144.28 | \$75,144.28 | \$75,144.28 | \$75,144.28 | \$75,144.28 | \$75,144.28 | \$918,774.65 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | D. | Available Balance (AA-B-C) | \$1,233,218.87 | \$996,294.25 | \$1,164,298.53 | \$2,226,258.11 | \$2,164,009.83 | \$2,063,453.16 | \$1,674,614.22 | \$1,514,954.75 | \$2,085,114.03 | \$2,350,574.91 | \$2,182,516.77 | \$2,161,886.79 | \$21,816, 194.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | E. | Total Costs | \$2,323,582.47 | \$2,175,319.60 | \$2,706,694.14 | \$2,909,460.76 | \$2,827,816.22 | \$2,633,462.37 | \$2,034,714.43 | \$1,821,630.94 | \$1,915,530.50 | \$2,263,215.91 | \$2,158,015.72 | \$2,044,532.43 | \$27,813,975.4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | F. | Active PIPP and Grad PIPP Bill | \$1,332,250.14 | \$1,302,902.77 | \$1,275,299.97 | \$1,285,496.72 | \$1,276,099.09 | \$1,283,199.71 | \$1,270,120.18 | \$1,262,896.37 | \$1,259,147.66 | \$1,255,004.63 | \$1,248,248.53 | \$1,234,482.69 | \$15,285,148.4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | G. | Reimbursement Due | \$991,332.33 | \$872,416.83 | \$1,431,394.17 | \$1,623,964.04 | \$1,551,717.13 | \$1,350,262.66 | \$764,594.25 | \$558,734.57 | \$656,382.84 | \$1,008,211.28 | \$909,767.19 | \$810,049.74 | \$12,528,827.03 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | H. | Surplus/Deficitit (D-G) | \$240,886.54 | \$123,877.42 | (\$267,095.64) | \$602,294.07 | \$612,292.70 | \$713,190.50 | \$910,019.97 | \$956,220.18 | \$1,428,731.19 | \$1,342,363.63 | \$1,272,749.58 | \$1,351,837.05 | \$9,287,367.19 |
|  |  | Cost to USF | \$792,777.64 | \$716,884.93 | \$1,263,114.93 | \$1,402,780.95 | \$1,298,273.05 | \$1,136,313.59 | \$652.950.94 | \$432.138.14 | \$268,177 90 | \$78994086 |  |  |  |
|  | . | Cost to USF | \$792,771.64 | \$70,884.33 | \$,203,14.93 | \$,402,780.9 | \$,20, 27.05 | \$1,30, 3 . 5 | \$052,900.94 | \$32, 30.14 | \$268,77.00 | \$80,940.66 | \$807,436.85 | \$598,910.46 | \$10,159,708.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Cost of PIPP: $\$$ | $10,159,708$ |
| ---: | ---: | ---: |
| Adjustment Test-Period Cost of PIPP: $\$$ | $(1,808,303$ |
| Enrollment Adjustment Test-Period Cost of PIPP: $\$$ | 653,965 |

## Universal Service Fund

Current Rider Mechanism

|  |  |  | 10/2019 | 11/2019 | 12/2019 | 1/2020 | 2/2020 | $3 / 2020$ | 4/2020 | 5/2020 | 6/2020 | $7 / 2020$ | 8/2020 | 9/2020 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Duke Energy | A. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1. USF Rider Collected on All Customers | \$1,006,406.01 | \$952,342.52 | \$1,069,585.23 | \$1,501,220.38 | \$1,422,807.66 | \$1,364,634.88 | \$1,178,675.11 | \$1,107,859.12 | \$1,410,215.13 | \$1,602,823.89 | \$1,710,947.64 | \$1,486,637.21 | \$15,814,154.78 |
|  |  | 2. Non-USF Rider Funds |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | a. Customer Payments | \$1,049,271.99 | \$866,730.12 | \$1,011,354.15 | \$980,246.21 | \$969,628.91 | \$963,121.14 | \$901,567.82 | \$869,299.52 | \$913,626.58 | \$925,205.81 | \$895,209.49 | \$1,044,511.43 | \$11,389,773.17 |
|  |  | b. Other Customer Payments | \$155,454.57 | \$125,255.93 | \$155,470.97 | \$149,188.14 | \$174,739.93 | \$155,373.22 | \$118,382.54 | \$127,520.99 | \$137,673.60 | \$113,244.50 | \$115,364.50 | \$118,327.21 | \$1,645,996.10 |
|  |  | c. Agency Payments | \$24,270.98 | \$27,899.52 | \$23,984.37 | \$22,838.06 | \$490,502.97 | \$224,748.29 | \$34,573.17 | \$47,070.50 | \$25,961.36 | \$21,632.16 | \$26,650.68 | \$51,803.02 | \$1,021,935.08 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3. Total Payments | \$1,288,997.54 | \$1,019,885.57 | \$1,190,809.49 | \$1,152,272.41 | \$1,634,871.81 | \$1,343,242.65 | \$1,054,523.53 | \$1,043,891.01 | \$1,077,261.54 | \$1,060,082.47 | \$1,037,224.67 | \$1,214,641.66 | \$14,057,704.35 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4. Payments Applied to Arrearages | \$214,914.89 | \$176,478.82 | \$215,903.33 | \$189,280.22 | \$658,879.73 | \$440,597.93 | \$200,133.41 | \$215,285.29 | \$233,074.07 | \$249,431.59 | \$235,600.86 | \$223,245.94 | \$3,252,826.08 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 5. Total Amount of Remittance | \$1,221,320.90 | \$1,128,821.34 | \$1,285,488.56 | \$1,690,500.60 | \$2,081,687.39 | \$1,805,232.81 | \$1,378,808.52 | \$1,323,144.41 | \$1,643,289.20 | \$1,852,255.48 | \$1,946,548.50 | \$1,709,883.15 | \$19,066,980.86 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | B. | OCS Admin | \$33,901.74 | \$33,901.74 | \$33,901.71 | \$32,567.94 | \$32,567.94 | \$32,567.94 | \$32,567.94 | \$32,567.94 | \$32,567.94 | \$32,567.94 | \$32,567.94 | \$32,567.94 | \$394,816.65 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | c. | EPP/TEE Program | \$74,744.00 | \$74,744.00 | \$74,744.03 | \$60,201.00 | \$60,201.00 | \$60,201.00 | \$60,201.00 | \$60,201.00 | \$60,201.00 | \$60,201.00 | \$60,201.00 | \$60,201.00 | \$766,041.03 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | D. | Available Balance (A4-B-C) | \$1,112,675.16 | \$1,020,175.60 | \$1,176,842.82 | \$1,597,731.66 | \$1,988,918.45 | \$1,712,463.87 | \$1,286,039.58 | \$1,230,375.47 | \$1,550,520.26 | \$1,759,486.54 | \$1,853,779.56 | \$1,617,114.21 | \$17,906,123.18 |
|  | E. | Total Costs | \$2,158,100.01 | \$1,919,973.53 | \$2.427.851.46 | \$2,487.292.72 | \$2,342,801.31 | \$2,245,190.09 | \$1,856,200.05 | \$1,735,348.81 | \$1,821,215.16 | \$2,253.512.75 | \$2,244,001.20 | \$2,270,210.64 | \$25,761,697.73 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | F. | Active PIPP and Grad PIPP Bill | \$1,109,448.52 | \$1,086,903.28 | \$1,063,019.77 | \$1,085,415.93 | \$1,073,918.87 | \$1,067,190.37 | \$1,038,296.29 | \$1,023,547.38 | \$1,002,162.51 | \$1,015,814.42 | \$1,014,536.69 | \$1,071,847.66 | \$12,652,101.69 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | G. | Reimbursement Due | \$1,048,651.49 | \$833,070.25 | \$1,364,831.69 | \$1,401,876.79 | \$1,268,882.44 | \$1,177,999.72 | \$817,903.76 | \$711,801.43 | \$819,052.65 | \$1,237,698.33 | \$1,229,464.51 | \$1,198,362.98 | \$13,109,596.04 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | H. | Surplus/Deficitit (D-G) | \$64,023.67 | \$187,105.35 | (\$187,988.87) | \$195,854.87 | \$720,036.01 | \$534,464.15 | \$468,135.82 | \$518,574.04 | \$731,467.61 | \$521,788.21 | \$624,315.05 | \$418,751.23 | \$4,796,527.14 |
|  | I. | Cost to USF | \$833,736.60 | \$656,591.43 | \$1,148,928.36 | \$1,212,596.57 | \$610,002.71 | \$737,401.79 | \$617,770.35 | \$496,516.14 | \$585,978.58 | \$988,266.74 | \$993,863.65 | \$975,117.04 | \$9,856,769.96 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

$$
\begin{array}{rlr}
\text { Cost of PIPP: } \$ & 9,856,770 \\
\text { Adjustment Test-Period Cost of PIPP: } \$ & (169,108) \\
\text { Adiustment Test-Period Cost of PIIP:: } \$ & 1.035 .569
\end{array}
$$

## Universal Service Fund

Current Rider Mechanism

|  |  |  | 10/2019 | 11/2019 | 12/2019 | ${ }^{1 / 2020}$ | ${ }^{2 / 2020}$ | $3 / 2020$ | $4 / 2020$ | 5/2020 | 6/2020 | 712020 | 8/2020 | 9/2020 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cleveland ElectricIIluminating Company | A. |  | \$2,158,915.54 | \$1,684,114.20 | \$2,162,230.79 | \$3,199,646.04 | \$2.858,777.92 | \$2.864,667.49 | \$2.621,924.60 | \$2,481,168.18 | \$2,784,702.01 | \$3,243,258.07 | \$3,425,815,80 | \$3,192,095,15 |  |
|  |  | 1. USF Rider Collected on All Customers | \$2,158,915.54 | \$1,684,114.20 | \$2,162,230.79 | \$3,199,646.04 | \$2,858,77.92 | \$2,864,667.49 | \$2,621,924.60 | \$2,48,168.18 | \$2,84,702.01 | \$3,243,258.07 | \$3,425,815.80 | \$3,192,095.15 | \$32,677,315.79 |
|  |  | 2. Non-USF Rider Funds |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | a. Customer Payments | \$1,689,781.20 | \$1,386,911.58 | \$1,519,086.16 | \$1,520,618.62 | \$1,613,236.09 | \$1,599,930.89 | \$1,476,241.55 | \$1,487,000.07 | \$1,547,176.04 | \$1,481,673.22 | \$1,380,577.94 | \$1,577,164.87 | \$18,279,398.23 |
|  |  | b. Other Customer Payments | \$786,751.94 | \$554,675.22 | \$619,464.93 | \$657,887.53 | \$683,007.75 | \$670,310.65 | \$531,994.87 | \$436,804.53 | \$468,413.74 | \$402,166.01 | \$334,542.53 | \$352,983.12 | \$6,498,952.82 |
|  |  | c. Agency Payments | \$17,242.96 | \$90,110.35 | \$112,436.18 | \$120,624.16 | \$570,809.47 | \$278,635.47 | \$98,811.39 | \$84,628.58 | \$55,016.73 | \$75,718.59 | \$104,712.92 | \$173,321.86 | \$1,782,068.66 |
|  |  | 3. Total Payments | \$2,493,776.10 | \$2,031,697.15 | \$2,250,987.27 | \$2,299,080.31 | \$2,867,053.31 | \$2,548,877.01 | \$2,107,047.81 | \$2,008,433.18 | \$2,070,606.51 | \$1,959,557.82 | \$1,819,833.39 | \$2,103,469.85 | \$26,560,419.71 |
|  |  | 4. Payments Applied to Arrearages | \$204,604.63 | \$128,564.07 | \$120,788.87 | \$130,922.63 | \$360,156.49 | \$237,437.25 | \$136,579.84 | \$118,342.22 | \$113,248.41 | \$88,692.43 | \$82,912.97 | \$84,084.55 | \$1,806,334.36 |
|  |  | 5. Total Amount of Remittance | \$2,363,520.17 | \$1,812,678.27 | \$2,283,019.66 | \$3,330,568.67 | \$3,218,934.41 | \$3,102,104.74 | \$2,758,504.44 | \$2,599,510.40 | \$2,897,950.42 | \$3,331,950.50 | \$3,508,728.77 | \$3,276,179.70 | \$34,483,650.15 |
|  | B. | OCS Admin | \$69,567.88 | \$69,567.88 | \$69,567.86 | \$64,923.05 | \$64,923.05 | \$64,923.05 | \$64,923.05 | \$64,923.05 | \$64,923.05 | \$64,923.05 | \$64,923.05 | \$64,923.05 | \$793,011.07 |
|  | c. | EPPITEE Program | \$159,734.38 | \$159,734.38 | \$159,734.33 | \$122,769.22 | \$122,769.22 | \$122,769.22 | \$122,769.22 | \$122,769.22 | \$122,769.22 | \$122,769.22 | \$122,769.22 | \$122,769.22 | \$1,584,126.07 |
|  | D. | Available Balance (A4-B-C) | \$2,134,217.91 | \$1,583,376.01 | \$2,053,717.47 | \$3,142,876.40 | \$3,031,242.14 | \$2,914,412.47 | \$2,570,812.17 | \$2,411,818.13 | \$2,710,258.15 | \$3,144,258.23 | \$3,321,036.50 | \$3,088,487.43 | \$32,106,513.01 |
|  | E. | Total Costs | \$3,138,078.94 | \$3,092,366.08 | \$3,791,715.82 | \$4,065,644.67 | \$3,808,802.72 | \$3,716,791.39 | \$3,305,072.11 | \$3,278,674.67 | \$3,279,866.27 | \$3,602,834.99 | \$3,942,128.66 | \$3,830,168.10 | \$42,852,144.42 |
|  | F. | Active PIPP and Grad PIPP Bill | \$1,701,745.88 | \$1,668,608.35 | \$1,665,431.29 | \$1,671,886.84 | \$1,671,505.23 | \$1,689,410.71 | \$1,687,209.95 | \$1,698,105.28 | \$1,712,740.21 | \$1,718,307.97 | \$1,718,896.46 | \$1,728,075.60 | \$20,331,923.77 |
|  | G. | Reimbursement Due | \$1,436,333.06 | \$1,423,757.73 | \$2,126,284.53 | \$2,393,757.83 | \$2,137,297.49 | \$2,027,380.68 | \$1,617,862.16 | \$1,580,569.39 | \$1,567,126.06 | \$1,884,527.02 | \$2,223,233.20 | \$2,102,092.50 | \$22,520,220.65 |
|  | н. | Surplus/Deficit (D-G) | \$697,884,85 | \$159,618.28 | (\$72,567.06) | \$749,118.57 | \$893,944.65 | \$887,031.79 | \$952,950.01 | \$831,248.74 | \$1,143,132.09 | \$1,259,731.21 | \$1,097,804.30 | \$986,394.93 | \$9,586,292.36 |
|  | 1. | Cost to USF | \$1,231,728.43 | \$1,295,193.66 | \$2,005,495.66 | \$2,262,835.20 | \$1,777,141.00 | \$1,789,943.43 | \$1,481,282.32 | \$1,462,227.17 | \$1,453,877.65 | \$1,795,834.59 | \$2,140,319.23 | \$2,018,007.95 | \$20,713,886.29 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Universal Service Fund

Current Rider Mechanism
Cost of PIPP

|  |  |  | 10/2019 | 11/2019 | 12/2019 | 1/2020 | $2 / 2020$ | 3/2020 | 4/2020 | 5/2020 | 6/2020 | $7 / 2020$ | 8/2020 | 9/2020 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ohio Edison | A. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1. USF Rider Collected on All Customers | \$3,524,237.50 | \$2,819,841.17 | \$3,642,052.21 | \$6,092,062.40 | \$5,497,189.48 | \$5,502,485.63 | \$4,883,540.08 | \$4,657,424.01 | \$5,203,109.56 | \$6,105,008.40 | \$6,554,997.30 | \$6,216,246.51 | \$60,698,194.25 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | -USF Rider Funds |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | a. Customer Payments | \$3,169,532.07 | \$2,690,525.69 | \$2,824,884.42 | \$3,023,742.93 | \$3,099,299.05 | \$2,944,373.38 | \$2,809,727.52 | \$2,765,711.56 | \$2,803,257.32 | \$2,709,522.54 | \$2,531,279.24 | \$3,092,148.27 | \$34,464,003.99 |
|  |  | b. Other Customer Payments | \$980,001.48 | \$693,911.11 | \$780,062.77 | \$820,266.45 | \$914,214.61 | \$898,206.10 | \$746,722.12 | \$647,951.52 | \$647,765.81 | \$580,639.42 | \$513,126.41 | \$602,483.17 | \$8,825,350.97 |
|  |  | c. Agency Payments | \$15,678.72 | \$223,914.78 | \$235,098.09 | \$233,367.39 | \$1,249,987.94 | \$611,073.95 | \$261,918.40 | \$187,678.53 | \$131,485.42 | \$166,838.19 | \$174,204.02 | \$304,549.95 | \$3,795,795.38 |
|  |  | 3. Total Payments | \$4,165,212.27 | \$3,608,351.58 | \$3,840,045.28 | \$4,077,376.77 | \$5,263,501.60 | \$4,453,653.43 | \$3,818,368.04 | \$3,601,341.61 | \$3,582,508.55 | \$3,457,000.15 | \$3,218,609.67 | \$3,999,181.39 |  |
|  |  |  | \$4,65,212.27 | \$3,00,351.58 | \$3,840,04.28 | \$4,07, 76.7 |  | \$4,453,653.43 | \$3,81,368.04 | \$3,601,341.61 | \$3,582,508.55 | \$3,457,000.15 | \$3,218,609.67 | \$3,999,181.39 | \$47,085,150.34 |
|  |  | 4. Payments Applied to Arrearages | \$201,354.77 | \$140,395.96 | \$138,803.27 | \$134,402.08 | \$764,531.69 | \$457,735.58 | \$224,946.47 | \$168,993.72 | \$154,745.73 | \$104,896.46 | \$89,549.49 | \$115,484.00 | \$2,695,839.22 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 5. Total Amount of Remittance | \$3,725,592.27 | \$2,960,237.13 | \$3,780,855.48 | \$6,226,464.48 | \$6,261,721.17 | \$5,960,221.21 | \$5,108,486.55 | \$4,826,417.73 | \$5,357,855.29 | \$6,209,904.86 | \$6,644,546.79 | \$6,331,730.51 | \$63,394,033.47 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | B. | OCS Admin | \$100,745.71 | \$100,745.71 | \$100,745.76 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$1,225,885.67 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | c. | EPPTEE Program | \$268,285.56 | \$268,285.56 | \$268,285.57 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$2,721,182.86 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | D. | Available Balance (A4-B-C) | \$3,356,561.00 | \$2,591,205.86 | \$3,411,824.15 | \$5,910,911.74 | \$5,946,168.43 | \$5,644,668.47 | \$4,792,933.81 | \$4,510,864.99 | \$5,042,302.55 | \$5,894,352.12 | \$6,328,994.05 | \$6,016,177.77 | \$59,446,964.94 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | E. | Total Costs | \$5,638,386.67 | \$5,628,236.52 | \$7,275,695.11 | \$7,880,889.31 | \$7,403,009.94 | \$7,209,649.69 | \$6,181,619.27 | \$6,033,401.23 | \$6,083,076.86 | \$6,791,426.99 | \$7,435,345.89 | \$7,077,356.79 | \$80,638,094.27 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | F. | Active PIPP and Grad PIPP Bill | \$3,077,771.98 | \$3,042,421.84 | \$3,043,073.93 | \$3,067,877.26 | \$3,052,931.47 | \$3,087,219.24 | \$3,089,662.12 | \$3,118,899.20 | \$3,121,944.63 | \$3,127,141.91 | \$3,136,414.52 | \$3,139,091.97 | \$37,104,450.07 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | G. | Reimbursement Due | \$2,560,614.69 | \$2,585,814.68 | \$4,232,621.18 | \$4,813,012.05 | \$4,350,078.47 | \$4,122,430.45 | \$3,091,957.15 | \$2,914,502.03 | \$2,961,132.23 | \$3,664,285.08 | \$4,298,931.37 | \$3,938,264.82 | \$43,533,644.20 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | H. | Surplus/Deficitit (D-G) | \$795,946.31 | \$5,391.18 | (\$820,797.03) | \$1,097,899.69 | \$1,596,089.96 | \$1,522,238.02 | \$1,700,976.66 | \$1,596,362.96 | \$2,081,170.32 | \$2,230,067.04 | \$2,030,062.68 | \$2,077,912.95 | \$15,913,320.74 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1. | Cost to USF | \$2,359,259.92 | \$2,445,418.72 | \$4,093,817.91 | \$4,678,609.97 | \$3,585,546.78 | \$3,664,694.87 | \$2,867,010.68 | \$2,745,508.31 | \$2,806,386.50 | \$3,559,388.62 | \$4,209,381.88 | \$3,822,780.82 | \$40,837,804.98 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Universal Service Fund

Current Rider Mechanism

|  |  |  | 10/2019 | 11/2019 | 12/2019 | 1/2020 | 2/2020 | 3/2020 | 4/2020 | 5/2020 | 6/2020 | 712020 | $8 / 2020$ | 9/2020 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Toledo Edison/First Energy | A. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1. USF Rider Collected on All Customers | \$1,108,424.55 | \$934,283.43 | \$1,132,400.57 | \$1,806,801.77 | \$1,703,968.47 | \$1,695,531.16 | \$1,521,394.12 | \$1,362,540.70 | \$1,621,472.28 | \$1,989,321.34 | \$2,124,535.85 | \$1,986,767.49 | \$18,987,441.73 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2. Non-USF Rider Funds |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | a. Customer Payments | \$982,741.62 | \$833,148.43 | \$865,221.45 | \$919,100.08 | \$959,790.51 | \$921,487.55 | \$851,108.02 | \$875,505.83 | \$877,676.89 | \$854,330.80 | \$789,339.92 | \$944,118.31 | \$10,673,569.41 |
|  |  | b. Other Customer Payments | \$308,590.10 | \$224,646.09 | \$237,114.43 | \$263,535.34 | \$309,383.64 | \$304,075.96 | \$241,343.70 | \$227,381.79 | \$229,042.91 | \$210,259.83 | \$180,347.93 | \$195,001.64 | \$2,930,723.36 |
|  |  | c. Agency Payments | \$2,938.71 | \$74,559.57 | \$67,791.98 | \$80,332.18 | \$519,710.54 | \$217,207.77 | \$74,158.01 | \$79,140.35 | \$45,517.31 | \$74,751.24 | \$64,064.21 | \$88,858.16 | \$1,389,030.03 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3. Total Payments | \$1,294,270.43 | \$1,132,354.09 | \$1,170,127.86 | \$1,262,967.60 | \$1,788,884.69 | \$1,442,771.28 | \$1,166,609.73 | \$1,182,027.97 | \$1,152,237.11 | \$1,139,341.87 | \$1,033,752.06 | \$1,227,978.11 | \$14,993,322.80 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4. Payments Applied to Arrearages | \$71,692.08 | \$44,328.21 | \$40,974.25 | \$51,038.63 | \$309,177.17 | \$177,285.76 | \$65,365.82 | \$71,772.33 | \$64,944.11 | \$45,994.87 | \$35,840.47 | \$35,465.41 | \$1,013,879.11 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 5. Total Amount of Remittance | \$1,180,116.63 | \$978,611.64 | \$1,173,374.82 | \$1,857,840.40 | \$2,013,145.64 | \$1,872,816.92 | \$1,586,759.94 | \$1,434,313.03 | \$1,686,416.39 | \$2,035,316.21 | \$2,160,376.32 | \$2,022,232.90 | \$20,001,320.84 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | B. | OCS Admin | \$30,863.60 | \$30,863.60 | \$30,863.65 | \$30,617.01 | \$30,617.01 | \$30,617.01 | \$30,617.01 | \$30,617.01 | \$30,617.01 | \$30,617.01 | \$30,617.01 | \$30,617.01 | \$368,143.94 |
|  |  | E Pr | \$81.402.53 | \$81,402.53 | \$81,402.56 | \$64,732.73 | \$64.732.73 | \$64,732.73 | \$64.732.73 | \$64,732.73 | \$64,732.73 | \$64,73273 | \$64,732.73 | \$64732.73 | 26.802.19 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \$826,802.19 |
|  | D. | Available Balance (A4-B-C) | \$1,067,850.50 | \$866,345.51 | \$1,061,108.61 | \$1,762,490.66 | \$1,917,795.90 | \$1,777,467.18 | \$1,491,410.20 | \$1,338,963.29 | \$1,591,066.65 | \$1,939,966.47 | \$2,065,026.58 | \$1,926,883.16 | \$18,806,374.71 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | E. | Total Costs | \$1,808,409.06 | \$1,888,904.03 | \$2,348,595.86 | \$2,462,020.86 | \$2,342,119.82 | \$2,299,195.02 | \$1,996,800.56 | \$1,886,251.51 | \$1,920,224.21 | \$2,256,467.72 | \$2,358,344.53 | \$2,213,527.02 | \$25,780,860.20 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | F. | Active PIPP and Grad PIPP Bill | \$994,596.76 | \$983,807.14 | \$985,514.76 | \$993,582.45 | \$991,538.97 | \$994,137.20 | \$996,326.43 | \$1,001,215.19 | \$1,003,163.77 | \$1,005,074.69 | \$1,004,098.27 | \$1,009,937.22 | \$11,962,992.85 |
|  | G. | Reimbursement Due | \$813.812.30 | \$905,096.89 | \$1,363.081.10 | \$1.468.438.41 | \$1,350,580.85 | \$1,305,057.82 | \$1,000.474.13 | \$885,036.32 | \$917,060.44 | \$1,251,393.03 | \$1,354,246.26 | \$1,203,589.80 | \$13,817,867.35 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | H. | Surplus/Deficit (D-G) | \$254,038.20 | (\$38,751.38) | (\$301,972.49) | \$294,052.25 | \$567,215.05 | \$472,409.36 | \$490,936.07 | \$453,926.97 | \$674,006.21 | \$688,573.44 | \$710,780.32 | \$723,293.36 | \$4,988,507.36 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1. | Cost to USF | \$742,120.22 | \$860,768.68 | \$1,322,106.85 | \$1,417,399.78 | \$1,041,403.68 | \$1,127,772.06 | \$935,108.31 | \$813,263.99 | \$852,116.33 | \$1,205,398.16 | \$1,318,405.79 | \$1,168,124.39 | \$12,803,988.24 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

$$
\begin{array}{rcc}
\text { Cost of PIPP: } \$ & 12,803,988 \\
\text { Adjustment Test-Period Cost of PIPP: } \$ & (1,339,983) \\
\text { Enrollment Adjustment Test-Period Cost of PIPP: } \$ & 407,306
\end{array}
$$

Universal Service Fund

AEP
For Monthly Billing Cycle Ending:
A. Remittance (Form USF-301-00)

| 1. USF Rider Collected on All Customers II a. <br> 2. Non-USF Rider Funds <br> III A. + B. Customer Payments <br> III C. + D. Other Customer Payments <br> III E. 1+2+3 Agency Payments | \$ 10,790,039.60 | \$9,981,360.38 | \$ 9,468,208.95 | \$ 8,483,333.36 | \$ 8,012,964.42 | \$ 9,225,737.82 | \$ 11,071,352.63 | \$ 11,190,592.86 | \$ 10,481,067.67 | \$ 12,436,284.05 | \$ 11,146,428.94 | \$ 13,280,571.92 | \$ 125,567,942.61 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | \$6,304,543.34 | \$6,307,618.16 | \$6,154,486.91 | \$6,142,787.78 | \$5,987,151.77 | \$5,944,003.22 | \$5,870,228.36 | \$5,566,921.87 | \$6,600,832.58 | \$6,677,011.12 | \$5,798,738.15 | \$6,225,560.57 | \$ 73,579,883.83 |
|  | \$2,740,564.26 | \$3,073,169.14 | \$2,782,366.64 | \$2,453,814.02 | \$2,233,790.95 | \$2,162,926.82 | \$2,026,094.88 | \$2,039,019.69 | \$2,942,868.44 | \$2,952,533.84 | \$2,391,533.15 | \$2,525,682.19 | \$ 30,324,364.02 |
|  | \$554,814.74 | \$1,904,739.42 | \$3,637,725.95 | \$460,476.13 | \$341,473.73 | \$207,493.22 | \$154,252.65 | \$361,401.71 | \$647,406.85 | \$21,062.22 | \$140,328.69 | \$679,022.74 | 9,110,198.05 |
| 3. Total Payments, 301 llil F. | \$9,599,922.34 | \$11,285,526.72 | \$12,574,579.50 | \$9,057,077.93 | \$8,562,416.45 | \$8,314,423.26 | \$8,050,575.89 | \$7,967,343.27 | \$10,191,107.87 | \$9,650,607.18 | \$8,330,599.99 | \$9,430,265.50 | \$ 113,014,445.90 |
| 4. Payments Applied to Arrearages II b. | \$265,154.44 | \$2,774,161.93 | \$3,482,095.22 | \$462,442.83 | \$361,445.69 | \$244,226.35 | \$117,874.50 | \$136,336.89 | \$254,035.31 | \$311,689.56 | \$195,374.79 | \$227,907.33 | 8,832,744.84 |
| 5. Total Amount of Remittance II c. | \$11,055,194.04 | \$12,755,522.31 | \$12,950,304.17 | \$8,945,776.19 | \$8,374,410.11 | \$9,469,964.17 | \$11,189,227.13 | \$11,326,929.75 | \$10,735,102.98 | \$12,747,973.61 | \$11,341,803.73 | \$13,508,479.25 | \$ 134,400,687.45 |
| OCS Admin | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.29 | \$180,712.26 | \$ 2,168,547.45 |
| EPP Program | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.69 | \$425,915.65 | \$ 5,110,988.24 |
| Available Balance (A5-B-C) | \$10,448,566.06 | \$12,148,894.33 | \$12,343,676.19 | \$8,339,148.21 | \$7,767,782.13 | \$8,863,336.19 | \$10,582,599.15 | \$10,720,301.77 | \$10,128,475.00 | \$12,141,345.63 | \$10,735,175.75 | \$12,901,851.34 | \$ 127,121,151.76 |
| Total Cost: (302, vili) | \$18,308,735.67 | \$17,007,782.91 | \$15,863,913.80 | \$13,508,345.83 | \$12,516,804.41 | \$11,311,803.71 | \$13,502,438.87 | \$13,943,988.98 | \$13,221,813.00 | \$11,189,870.78 | \$12,036,254.41 | \$17,278,524.58 | \$ 169,690,276.95 |
| Active PIPP and Grad PIPP Bill ( $302, \mathrm{x}$ ) | \$6,591,238.94 | \$6,580,914.87 | \$6,589,691.46 | \$6,527,106.37 | \$6,486,354.60 | \$6,448,392.44 | \$6,428,731.85 | \$6,424,631.46 | \$6,409,125.35 | \$6,598,820.37 | \$6,549,187.92 | \$6,537,761.45 | \$ 78,171,957.08 |
| Reimbursement Due: (302, XI) | \$11,717,496.73 | \$10,426,868.04 | \$9,274,222.34 | \$6,981,239.46 | \$6,030,449.81 | \$4,863,411.27 | \$7,073,707.02 | \$7,519,357.52 | \$6,812,687.65 | \$4,591,050.41 | \$5,487,066.49 | \$10,740,763.13 | \$ 91,518,319.87 |
| Surplus/Deficit (D-E) | (\$1,268,930.67) | \$1,722,026.29 | \$3,069,453.85 | \$1,357,908.75 | \$1,737,332.32 | \$3,999,924.92 | \$3,508,892.13 | \$3,200,944.25 | \$3,315,787.35 | \$7,550,295.22 | \$5,248,109.26 | \$2,161,088.21 | \$35,602,831.89 |
| Cumulative Deficit | (\$9,317,831.55) | (\$7,595,805.26) | (\$4,526,351.41) | (\$3,168,442.66) | (\$1,431,110.34) | \$2,568,814.58 | \$6,077,706.71 | \$9,278,650.96 | \$12,594,438.31 | \$20,144,733.53 | \$25,392,842.79 | \$27,553,931.00 |  |
| Monthly Reconciliation | \$7,324,509.26 | \$9,005,292.39 | \$12,622,473.21 | \$16,453,163.31 | \$20,352,802.24 | \$3,749,856.16 | \$21,891,420.67 | \$27,456,197.86 | \$33,127,082.03 | \$38,239,900.42 | \$40,707,049.23 | \$49,331,205.46 |  | 1. USF Rider Collected on

2. Non-USF Rider Funds

III A. + B. Customer Payments
III. $1+2+3$ Agency Paym Payments
3. Total Payments, 301 III F.
4. Payments Applied to Arrearages II b.
5. Total Amount of Remittance II c.
B. OCS Admin
C. EPP Program
D. Available Balance (A5-B-C)
E. Total Cost: $(302$, vili)
F. Active PIPP and Grad PIPP Bill ( $302, \mathrm{X}$ )
G. Reimbursement Due: $(302, \mathrm{XI})$
H. Surplus/Deficit (D-E)
J. Monthly Reconciliation


## Universal Service Fund

## Projection of December 31, 2020 Balance

Jan 2020- Dec 2020
Dayton Power and Ligh

## For Monthly Billing Cycle Ending

A. Remittance (Form USF-301-00)

1. USF Rider Collected on All Customers II a.
2. Non-USF Rider Funds
3. Non-USF Rider Funds

III C. + D. Other Customer Payments
III E. $1+2+3$ Agency Payments
3. Total Payments, 301 III F.
4. Payments Applied to Arrearages II b.
5. Total Amount of Remittance II $c$.
B. OcS Admin
C. TEE Program
D. Available Balance (A5-B-C)
E. Total Costs: (302, VIII)
F. Active PIPP and Grad PIPP Bill ( $302, \mathrm{x}$ )
G. Reimbursement Due, $(302, \mathrm{XI})$
H. Surplus/Deficit (D-E)
I. Cumulative Monthly Deficit
J. Monthly Reconciliation

| Jan-20 | Feb-20 | Mar-20 | Apr-20 | May-20 | Jun-20 | Jul-20 | Aug-20 | Sep-20 | Oct-20 | Nov-20 | Dec-20 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$2,117,842.78\| | \$2,023,333.51 | \$1,962,271.85 | \$1,675,738.67 | \$1,501,126.08 | \$1,809,676.85 | \$2,245,072.25 | \$2,192,954.19 | \$2,063,523.27 | \$1,965,364.46 | \$1,636,039.20 | \$1,922,520.87 | \$23,115,463.98 |
| \$1,352,474.38 | \$1,315,918.51 | \$1,285,584.97 | \$1,213,953.82 | \$1,217,959.92 | \$1,206,572.95 | \$1,149,186.28 | \$1,144,108.13 | \$1,367,358.40 | \$1,387,127.04 | \$1,189,718.87 | \$1,265,874.45 | \$15,095,837.72 |
| \$277,753.68 | \$304,809.10 | \$274,556.58 | \$219,772.88 | \$228,044.15 | \$233,157.14 | \$233,344.06 | \$166,940.32 | \$246,821.84 | \$276,351.15 | \$215,171.91 | \$237,617.30 | \$2,914,340.11 |
| \$95,532.79 | \$71,240.65 | \$676,911.40 | \$135,437.96 | \$103,868.06 | \$88,257.74 | \$83,107.63 | \$88,122.12 | \$143,429.50 | \$35,702.84 | \$81,477.45 | \$69,211.80 | \$1,672,299.94 |
| \$1,725,760.85 | \$1,691,968.26 | \$2,237,052.95 | \$1,569,164.66 | \$1,549,872.13 | \$1,527,987.83 | \$1,465,637.97 | \$1,399,170.57 | \$1,757,609.74 | \$1,699,181.03 | \$1,486,368.23 | \$1,572,703.55 | \$19,682,477.77 |
| \$221,183.09 | \$253,444.08 | \$213,949.07 | \$111,643.31 | \$126,596.43 | \$388,204.94 | \$218,270.42 | \$102,330.34 | \$211,131.28 | \$198,554.69 | \$155,531.90\| | \$168,279.24 | \$2,369,118.79 |
| \$2,339,025.87 | \$2,276,777.59 | \$2,176,220.92 | \$1,787,381.98 | \$1,627,722.51 | \$2,197,881.79 | \$2,463,342.67 | \$2,295,284.53 | \$2,274,654.55 | \$2,163,919.15 | \$1,791,571.10 | \$2,090,800.11 | \$25,484,582.77 |
| \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48\| | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.48 | \$37,623.46 | \$451,481.74 |
| \$75,144.28 | \$75,144.28 | \$75,144.28 | \$75,144.28\| | \$75,144.28 | \$75,144.28 | \$75,144.28\| | \$75,144.28 | \$75,144.28 | \$75,144.28 | \$75,144.28\| | \$75,144.25 | \$901,731.33 |
| \$2,226,258.11 | \$2,164,009.83 | \$2,063,453.16 | \$1,674,614.22 | \$1,514,954.75 | \$2,085,114.03 | \$2,350,574.91 | \$2,182,516.77 | \$2,161,886.79 | \$2,051,151.39 | \$1,678,803.34 | \$1,978,032.40 | \$24,131,369.70 |
| \$2,909,460.76 | \$2,827,816.22 | \$2,633,462.37 | \$2,034,714.43 | \$1,821,630.94 | \$1,915,530.50 | \$2,263,215.91\| | \$2,158,015.72 | \$2,044,532.43 | \$2,323,582.47 | \$2,175,319.60\| | \$2,706,694.14 | \$27,813,975.49 |
| \$1,285,496.72 | \$1,276,099.09 | \$1,283,199.71\| | \$1,270,120.18 | \$1,262,896.37 | \$1,259,147.66 | \$1,255,004.63 | \$1,248,248.53 | \$1,234,482.69 | \$1,332,250.14 | \$1,302,902.77 | \$1,275,299.97 | \$15,285,148.46 |
| \$1,623,964.04 | \$1,551,717.13 | \$1,350,262.66 | \$764,594.25 | \$558,734.57 | \$656,382.84 | \$1,008,211.28 | \$909,767.19 | \$810,049.74 | \$991,332.33 | \$872,416.83 | \$1,431,394.17 | \$12,528,827.03 |
| \$602,294.07 | \$612,292.70 | \$713,190.50 | \$910,019.97 | \$956,220.18 | \$1,428,731.19 | \$1,342,363.63 | \$1,272,749.58 | \$1,351,837.05 | \$1,059,819.06 | \$806,386.51 | \$546,638.23 | \$11,602,542.67 |
| (\$5,275,941.23) | (\$4,663,648.53) | (\$3,950,458.03) | (\$3,040,438.06) | (\$2,084,217.88) | (\$655,486.69)\| | \$686,876.94 | \$1,959,626.52 | \$3,311,463.57 | \$4,371,282.63 | \$5,177,669.14 | \$5,724,307.37 |  |
| \$716,050.80 | \$880,365.71 | \$1,233,984.65 | \$1,608,476.46 | \$1,989,708.77 | \$366,589.41 | \$2,140,125.53 | \$2,684,143.29 | \$3,031,079.08 | \$3,498,894.41 | \$3,658,451.94 | \$4,513,732.44 |  |

## Universal Service Fund

## Projection of December 31, 2020 Balance

Jan 2020 - Dec 2020
Duke Energy Ohio

For Monthly Billing Cycle Ending:

## A. Remittance (Form USF-301-00)

1. USF Rider Collected on All Customers II a.
2. Non-USF Rider Funds

III A. + B. Customer Payments
III C. + D. Other Customer Payments
III E. $1+2+3$ Agency Payments
3. Total Payments, 301 III F.
4. Payments Applied to Arrearages II b.
5. Total Amount of Remittance II c.

## B. OCS Admin

C. EPP Program
D. Available Balance (A5-B-C)
E. Total Cost: (302, VIII)
F. Active PIPP \& Grad PIPP Bill ( $302, \mathrm{X}$ )
G. Reimbursement Due, (302, XI)
H. Surplus/Shortfall (D-E)
I. Monthly Cumulative Deficit
J. Monthly Reconciliation



| $\$ 980,246.21$ | $\$ 969,628.91$ | $\$ 963,121.14$ | $\$ 901,567.82$ | $\$ 869,299.52$ | $\$ 913,626.58$ | $\$ 925,205.81$ | $\$ 895,209.49$ | $\$ 1,044,511.43$ | $\$ 1,049,271.99$ | $\$ 866,730.12$ | $\$ 1,011,354.15$ | $\$ 11,389,773.17$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$ 149,188.14$ | $\$ 174,739.93$ | $\$ 155,373.22$ | $\$ 118,382.54$ | $\$ 127,520.99$ | $\$ 137,673.60$ | $\$ 113,244.50$ | $\$ 115,364.50$ | $\$ 118,327.21$ | $\$ 155,454.57$ | $\$ 125,255.93$ | $\$ 155,470.97$ | $\$ 1,645,996.10$ |
| $\$ 22,838.06$ | $\$ 490,502.97$ | $\$ 224,748.29$ | $\$ 34,573.17$ | $\$ 47,070.50$ | $\$ 25,961.36$ | $\$ 21,632.16$ | $\$ 26,650.68$ | $\$ 51,803.02$ | $\$ 24,270.98$ | $\$ 27,899.52$ | $\$ 23,984.37$ | $\$ 1,021,935.08$ |






 | $\$ 1,597,731.66$ | $\$ 1,988,918.45$ | $\$ 1,712,463.87$ | $\$ 1,286,039.58$ | $\$ 1,230,375.47$ | $\$ 1,550,520.26$ | $\$ 1,759,486.54$ | $\$ 1,853,779.56$ | $\$ 1,617,114.21$ | $\$ 1,531,934.98$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | $\mathbf{\$ 1 , 3 9 4 , 8 8 0 . 4 7}$ \$1,611,479.09 $\mid \$ 19,134,724.14$

 \begin{tabular}{|l|l|l|l|l|l|l|l|l|l|}
\hline$\$ 1,085,415.93$ \& $\$ 1,073,918.87$ \& $\$ 1,067,190.37$ \& $\$ 1,038,296.29$ \& $\$ 1,023,547.38$ \& $\$ 1,002,162.51$ \& $\$ 1,015,814.42$ \& $\$ 1,014,536.69$ \& $\$ 1,071,847.66$ \& $\$ 1,109,448.52 \mid$

$|\$ 1,086,903.28| \$ 1,063,019.77 \mid \$ 12,652,101.69$ 

\hline$\$ 1,401,876.79$ \& $\$ 1,268,882.44$ \& $\$ 1,177,999.72$ \& $\$ 217,903.76$ \& $\$ 711,801.43$ \& $\$ 819,052.65$ \& $\$ 1,237,698.33$ \& $\$ 1,229,464.51$ \& $\$ 1,198,362.98$ \& $\$ 1,048,651.49$

$|\$ 833,070.25| \$ 1,364,831.69 \mid \$ 12,509,596.04$ 

\hline$\$ 195,854.87$ \& $\$ 720,036.01$ \& $\$ 534,464.15$ \& $\$ 1,068,135.82$ \& $\$ 518,574.04$ \& $\$ 731,467.61$ \& $\$ 521,788.21$ \& $\$ 624,315.05$ \& $\$ 418,751.23$ \& $\$ 483,283.49$ \& $\$ 561,810.22$ \& $\$ 246,647.40$
\end{tabular} $\mathbf{\$ 6 , 6 2 5 , 1 2 8 . 1 0} \mathbf{~}$

 $\left.\begin{array}{|l|l|l|l|l|l|l|l|l|l|}\hline \$ 821,521.49 & \$ 1,010,039.16 & \$ 1,415,744.40 & \$ 1,845,396.97 & \$ 2,282,782.88 & \$ 420,586.18 & \$ 2,455,355.28 & \$ 3,079,504.13 & \$ 3,546,232.24 & \$ 4,093,556.07\end{array} \mathbf{\$ 4 , 3 3 2 , 8 8 6 . 1 9}\right) \$ 5,280,872.94$

# Universal Service Fund Projected December 31, 2020 Balance 

For Monthly Billing Cycle Ending:
A. Remittance (Form USF-301-00)

1. USF Rider Collected on All Customers II a.
2. Non-USF Rider Funds

III A. + B. Customer Payments
ill C. + D. Other Customer Payments
III E. $1+2+3$ Agency Payments
3. Total Payments, 301 III $F$
4. Payments Applied to Arrearages II b.
5. Total Amount of Remittance II $c$.
B. OCS Admin
C. TEE Program
D. Available Balance (A5-B-C)
E. Total Cost: (302, VIII)
F. Active PIPP \& Grad PIPP Bill $(302, \mathrm{x})$
G. Reimbursement Due, (302, XI)
H. Surplus/Shortfall (D-E)
I. Cumulative Monthly Deficit
J. Monthly Reconciliation


| $\$ 3,199,646.04$ | $\$ 2,858,777.92$ | $\$ 2,864,667.49$ | $\$ 2,621,924.60$ | $\$ 2,481,168.18$ | $\$ 2,784,702.01$ | $\$ 3,243,258.07$ | $\$ 3,425,815.80$ | $\$ 3,192,095.15$ | $\$ 2,857,146.73$ | $\$ 2,538,704.31$ | $\$ 2,872,734.91$ | $\$ 34,940,641.22$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| $\$ 1,520,618.62$ | $\$ 1,613,236.09$ | $\$ 1,599,930.89$ | $\$ 1,476,241.55$ | $\$ 1,487,000.07$ | $\$ 1,547,176.04$ | $\$ 1,481,673.22$ | $\$ 1,380,577.94$ | $\$ 1,577,164.87$ | $\$ 1,689,781.20$ | $\$ 1,386,911.58$ | $\$ 1,519,086.16$ | $\$ 18,279,398.23$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$ 657,837.53$ | $\$ 683,007.75$ | $\$ 670,310.65$ | $\$ 531,994.87$ | $\$ 436,804.53$ | $\$ 468,413.74$ | $\$ 402,166.01$ | $\$ 334,542.53$ | $\$ 352,983.12$ | $\$ 78,751.94$ | $\$ 554,675.22$ | $\$ 619,464.93$ | $\$ 6,498,952.82$ |
| $\$ 120,624.16$ | $\$ 570,809.47$ | $\$ 278,635.47$ | $\$ 98,811.39$ | $\$ 84,628.58$ | $\$ 55,016.73$ | $\$ 75,718.59$ | $\$ 104,712.92$ | $\$ 173,321.86$ | $\$ 17,242.96$ | $\$ 90,110.35$ | $\$ 112,436.18$ | $\$ 1,782,068.66$ |


| $\$ 2,299,080.31$ | $\$ 2,867,053.31$ | $\$ 2,548,877.01$ | $\$ 2,107,047.81$ | $\$ 2,008,433.18$ | $\$ 2,070,606.51$ | $\$ 1,959,557.82$ | $\$ 1,819,833.39$ | $\$ 2,103,469.85$ | $\$ 2,493,776.10$ | $\$ 2,031,697.15$ | $\$ 2,250,987.27$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |




 \begin{tabular}{|l|l|l|l|l|l|l|l|l|l|}
\hline$\$ 122,769.22$ \& $\$ 122,769.22$ \& $\$ 122,769.22$ \& $\$ 122,769.22$ \& $\$ 122,769.22$ \& $\$ 122,769.22$ \& $\$ 122,769.22$ \& $\$ 122,769.22$ \& $\$ 122,769.22$ \& $\$ 122,769.22$

$|\$ 122,769.22| \$ 122,769.18 \mid \$ 1,473,230.60$ 

\hline$\$ 3,142,876.40$ \& $\$ 3,031,242.14$ \& $\$ 2,914,412.47$ \& $\$ 2,570,812.17$ \& $\$ 2,411,818.13$ \& $\$ 2,710,258.15$ \& $\$ 3,144,258.23$ \& $\$ 3,321,036.50$ \& $\$ 3,088,487.43$ \& $\$ 2,874,059.09$ \& $\$ 2,479,576.11$ <br>
\hline

 

\hline$\$ 4,065,644.67$ \& $\$ 3,808,802.72$ \& $\$ 3,716,791.39$ \& $\$ 3,305,072.11$ \& $\$ 3,278,674.67$ \& $\$ 3,279,866.27$ \& $\$ 3,602,834.99$ \& $\$ 3,942,128.66$ \& $\$ 3,830,168.10$ \& $\$ 3,138,078.94$ \& $\$ 3,092,366.08$
\end{tabular}$|\$ 3,791,715.82| \$ 42,852,144.42$



 | $\$ 749,118.57$ | $\$ 893,944.65$ | $\$ 887,031.79$ | $\$ 952,950.01$ | $\$ 831,248.74$ | $\$ 1,143,132.09$ | $\$ 1,259,731.21$ | $\$ 1,097,804.30$ | $\$ 986,394.93$ | $\$ 1,437,726.03$ | $\$ 1,055,818.38$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |$|\$ 679,547.01| \$ 11,974,447.72$


$\left.\left.\begin{array}{|l|l|l|l|l|l|l|l|l|l|}\hline \$ 1,597,889.63 & \$ 1,964,563.47 & \$ 2,753,675.13 & \$ 3,589,365.25 & \$ 4,440,097.00 & \$ 818,055.66 & \$ 4,775,756.68 & \$ 5,989,749.24 & \$ 6,973,718.53 & \$ 8,050,039.00\end{array}\right) \$ 8,513,416.74\right) \$ 10,384,915.32$

## Universal Service Fund

## Projection of December 31, 2020 Balance

## Jan 2020-Dec. 2020

For Monthly Billing Cycle Ending
A. Remittance (Form USF-301-00

1. USF Rider Collected on All Customers II a.
2. Non-USF Rider Funds

III A. + B. Customer Payments
III C. + D. Other Customer Payment
III E. $1+2+3$ Agency Payments
3. Total Payments, 301 III F.
4. Payments Applied to Arrearages II b
5. Total Amount of Remittance II c.
B. OCS Admin
C. EPP Program
D. Available Balance (A5-B-C)
E. Total Cost: $(302, \mathrm{VIII})$
F. Active PIPP \& Grad PIPP Bill $(302, \mathrm{x})$
G. Reimbursement Due, (302, XI)
H. Surplus/Shortfall (D-E)

1. Cumulative Monthly Deficit
J. Monthly Reconciliation


| \$3,023,742.93 | \$3,099,299.05 | \$2,944,373.38 | \$2,809,727.52 | \$2,765,711.56 | \$2,803,257.32 | \$2,709,522.54 | \$2,531,279.24 | \$3,092,148.27 | \$3,169,532.07 | \$2,690,525.69 | \$2,824,884.42 | \$34,464,003.99 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$820,266.45 | \$914,214.61 | \$898,206.10 | \$746,722.12 | \$647,951.52 | \$647,765.81 | \$580,639.42 | \$513,126.41 | \$602,483.17 | \$980,001.48 | \$693,911.11 | \$780,062.77 | \$8,825,350.97 |
| \$233,367.39 | \$1,249,987.94 | \$611,073.95 | \$261,918.40 | \$187,678.53 | \$131,485.42 | \$166,838.19 | \$174,204.02 | \$304,549.95 | \$15,678.72 | \$223,914.78 | \$235,098.09 | \$3,795,795.38 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$4,077,376.77 | \$5,263,501.60\| | \$4,453,653.43\| | \$3,818,368.04 | \$3,601,341.61 | \$3,582,508.55 | \$3,457,000.15 | \$3,218,609.67 | \$3,999,181.39 | \$4,165,212.27 | \$3,608,351.58 | \$3,840,045.28 | \$47,085,150.34 |
| \$134,402.08 | \$764,531.69 | \$457,735.58 | \$224,946.47 | \$168,993.72 | \$154,745.73 | \$104,896.46 | \$89,549.49 | \$115,484.00 | \$201,354.77 | \$140,395.96 | \$138,803.27 | \$2,695,839.22 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$6,226,464.48 | \$6,261,721.17 | \$5,960,221.21 | \$5,108,486.55 | \$4,826,417.73 | \$5,357,855.29 | \$6,209,904.86 | \$6,644,546.79 | \$6,331,730.51 | \$5,470,132.34 | \$4,977,251.66 | \$5,559,109.38 | \$68,933,841.97 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.61 | \$102,627.57 | \$1,231,531.28 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.13 | \$212,925.08 | \$2,555,101.51 |
| \$5,910,911,74 | \$5,946,168.43 | \$5,644,668.47 | \$4,792,933.81 | \$4,510,864.99 | \$5,042,302.55 | \$5,894,352.12 | \$6,328,994.05 |  | \$5,154,579,60 |  |  | \$65,147,209.18 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$7,880,889.31 | \$7,403,009.94 | \$7,209,649.69 | \$6,181,619.27 | \$6,033,401.23 | \$6,083,076.86 | \$6,791,426.99 | \$7,435,345.89 | \$7,077,356.79 | \$5,638,386.67 | \$5,628,236.52 | \$7,275,695.11 | \$80,638,094.27 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$3,067,877.26 | \$3,052,931.47 | \$3,087,219.24 | \$3,089,662.12 | \$3,118,899.20 | \$3,121,944.63 | \$3,127,141.91 | \$3,136,414.52 | \$3,139,091.97 | \$3,077,771.98 | \$3,042,421.84 | \$3,043,073.93 | \$37,104,450.07 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$4,813,012.05 | \$4,350,078.47 | \$4,122,430.45 | \$3,091,957.15 | \$2,914,502.03 | \$2,961,132.23 | \$3,664,285.08 | \$4,298,931.37 | \$3,938,264.82 | \$2,560,614.69 | \$2,585,814.68 | \$4,232,621.18 | \$43,533,644.20 |
| \$1,097,899.69 | \$1,596,089.96 | \$1,522,238.02 | \$1,700,976.66 | \$1,596,362.96 | \$2,081,170.32 | \$2,230,067.04 | \$2,030,062.68 | \$2,077,912.95 | \$2,593,964.91 | \$2,075,884.24 | \$1,010,935.55 | \$21,613,564.98 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| (\$16,762,033.37) | (15,165,943.41) | (\$13,643,705.39) | (\$11,942,728.73) | (\$10,346,365.77) | (\$8,265,195.45) | (\$6,035,128.41) | (\$4,005,065.73) | (\$1,927,152.78) | \$666,812.13 | \$2,742,696.37 | \$3,753,631.91 | (\$80,930,178.67) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \$2,848,988.70 | \$3,502,757.03 | \$4,909,719.18 | \$6,399,729.29 | \$7,916,558.18 | \$1,458,568.41 | \$8,515,029.20 | \$10,679,541.09 | \$12,741,114.49 | \$14,707,572.15 | \$15,541,929.47 | \$18,973,434.96 |  |

## Universal Service Fund

Projection of December 31, 2020 Balance
Jan 2020- Dec 2020
Toledo Edison

For Monthly Billing Cycle Ending:
A. Remittance (Form USF-301-00)

1. USF Rider Collected on All Customers II a.
2. Non-USF Rider Funds

III A. + B. Customer Payments
III C. + D. Other Customer Payments
III E. 1 + 2 + 3 Agency Payments
3. Total Payments, 301 III F.
4. Payments Applied to Arrearages II b.
5. Total Amount of Remittance II c
B. OcS Admin
C. EPP Program
D. Available Balance (A5-B-C)
E. Total Cost: $(302$, VIII)
F. Active PIPP \& Grad PIPP Bill $(302, \mathrm{X})$
G. Reimbursement Due, $(\mathbf{3 0 2}, \mathrm{XI})$
H. Surplus/Shortfall (D-E)
I. Cumulative Mont (Previous month cumulative +H )
J. Monthly Reconciliation


| $\$ 1,806,801.77$ | $\$ 1,703,968.47$ | $\$ 1,695,531.16$ | $\$ 1,521,394.12$ | $\$ 1,362,540.70$ | $\$ 1,621,472.28$ | $\$ 1,989,321.34$ | $\$ 2,124,535.85$ | $\$ 1,986,767.49$ | $\$ 1,684,561.90$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |$|\$ 1,558,963.91| \$ 1,731,668.16 \mid \$ 20,787,527.15$


| $\$ 919,100.08$ | $\$ 959,790.51$ | $\$ 921,487.55$ | $\$ 851,108.02$ | $\$ 875,505.83$ | $\$ 877,676.89$ | $\$ 854,330.80$ | $\$ 789,339.92$ | $\$ 944,118.31$ | $\$ 982,741.62$ | $\$ 833,148.43$ | $\$ 865,221.45$ | $\$ 10,673,569.41$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$ 263,535.34$ | $\$ 309,383.64$ | $\$ 304,075.96$ | $\$ 241,343.70$ | $\$ 227,381.79$ | $\$ 229,042.91$ | $\$ 210,259.83$ | $\$ 180,347.93$ | $\$ 195,001.64$ | $\$ 308,590.10$ | $\$ 224,646.09$ | $\$ 237,114.43$ | $\$ 2,930,723.36$ |
| $\$ 80,332.18$ | $\$ 519,710.54$ | $\$ 217,207.77$ | $\$ 74,158.01$ | $\$ 79,140.35$ | $\$ 45,517.31$ | $\$ 74,751.24$ | $\$ 64,064.21$ | $\$ 88,858.16$ | $\$ 2,938.71$ | $\$ 74,559.57$ | $\$ 67,791.98$ | $\$ 1,389,030.03$ |


| $\$ 1,262,967.60$ | $\$ 1,788,884.69$ | $\$ 1,442,771.28$ | $\$ 1,166,609.73$ | $\$ 1,182,027.97$ | $\$ 1,152,237.11$ | $\$ 1,139,341.87$ | $\$ 1,033,752.06$ | $\$ 1,227,978.11$ | $\$ 1,294,270.43$ | $\$ 1,132,354.09$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

 $\left.$| $\$ 1,857,840.40$ | $\$ 2,013,145.64$ | $\$ 1,872,816.92$ | $\$ 1,586,759.94$ | $\$ 1,434,313.03$ | $\$ 1,686,416.39$ | $\$ 2,035,316.21$ | $\$ 2,160,376.32$ | $\$ 2,022,232.90$ | $\$ 1,756,253.98$ | $\$ 1,603,292.12$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | $\mathbf{\$ 1 , 7 7 2 , 6 4 2 . 4 1} \right\rvert\, \$ 21,801,406.26$




 \begin{tabular}{|l|l|l|l|l|l|l|l|l|l|l|}
\hline$\$ 2,462,020.86$ \& $\$ 2,342,119.82$ \& $\$ 2,299,195.02$ \& $\$ 1,996,800.56$ \& $\$ 1,886,251.51$ \& $\$ 1,920,224.21$ \& $\$ 2,256,467.72$ \& $\$ 2,358,344.53$ \& $\$ 2,213,527.02$ \& $\$ 1,808,409.06$ \& $\$ 1,888,904.03$

$| \$ 2,348,595.86$ \$25,780,860.20 

\hline$\$ 993,582.45$ \& $\$ 991,538.97$ \& $\$ 994,137.20$ \& $\$ 996,326.43$ \& $\$ 1,001,215.19$ \& $\$ 1,003,163.77$ \& $\$ 1,005,074.69$ \& $\$ 1,004,098.27$ \& $\$ 1,009,937.22$ \& $\$ 994,596.76$ \& $\$ 983,807.14$ \& $\$ 985,514.76$ \& $\$ 11,962,992.85$ <br>
\hline
\end{tabular}




 | $\$ 872,405.43$ | $\$ 1,072,599.64$ | $\$ 1,503,433.72$ | $\$ 1,959,698.40$ | $\$ 2,424,175.42$ | $\$ 446,636.73$ | $\$ 2,607,436.72$ | $\$ 3,270,244.52$ | $\$ 3,936,643.99$ | $\$ 4,544,223.78$ | $\$ 4,802,694.47$ | $\$ 5,862,254.73$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

| American Electric Power - Ohio Power Calculation of Allowance for Undercollection |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | KwH | KWh sales X current rider $=$ Rider Expected Revenue | Rider Collection | Expected Revenue / Rider Collection |
| Jan-20 | 3,739,042,447 | \$10,985,250.00 | \$10,790,039.60 | 98.22\% |
| Feb-20 | 3,729,063,648 | \$10,132,682.12 | \$9,981,360.38 | 98.51\% |
| Mar-20 | 3,148,451,065 | \$9,475,347.18 | \$9,468,208.95 | 99.92\% |
| Apr-20 | 3,260,083,998 | \$8,658,921.93 | \$8,483,333.36 | 97.97\% |
| May-20 | 2,908,708,497 | \$8,179,876.72 | \$8,012,964.42 | 97.96\% |
| Jun-20 | 3,318,491,933 | \$9,600,681.55 | \$9,225,737.82 | 96.09\% |
| Jul-20 | 3,926,193,516 | \$11,306,850.48 | \$11,071,352.63 | 97.92\% |
| Aug-20 | 3,990,339,125 | \$11,420,541.08 | \$11,190,592.86 | 97.99\% |
| Sep-20 | 3,721,196,666 | \$10,528,735.17 | \$10,481,067.67 | 99.55\% |
| Oct-19 | 3,476,292,740 | \$6,649,030.48 | \$6,499,180.72 | 97.75\% |
| Nov-19 | 3,115,741,796 | \$6,220,573.46 | \$5,857,784.70 | 94.17\% |
| Dec-19 | 3,712,295,051 | \$7,429,207.97 | \$7,117,333.27 | 95.80\% |
| Total: | 42,045,900,482 | \$110,587,698.15 | \$108,178,956.38 | 97.65\% |
| Target Revenue |  |  |  | \$ 59,372,901 |
| Total Cost: (Target Revenue/Average Collection) |  |  |  | \$ 60,765,801 |
| Allowance: (Total Cost-Target Revenue) |  |  |  | \$ 1,392,900 |

MM-13

|  | Dayton Power and Light Company <br> Calculation of Allowance for Undercollection |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | KwH | KWh sales X <br> current rider $=$ Rider <br> Expected Revenue | Actual Collection | Expected Revenue / <br> Rider Collection |
| Jan-20 | $1,233,808,036$ | $\$ 2,115,435.22$ | $\$ 2,117,842.78$ | $100.11 \%$ |
| Feb-20 | $1,191,390,989$ | $\$ 2,022,379.67$ | $\$ 2,023,333.51$ | $100.05 \%$ |
| Mar-20 | $1,150,849,787$ | $\$ 1,961,991.56$ | $\$ 1,962,271.85$ | $100.01 \%$ |
| Apr-20 | $987,590,184$ | $\$ 1,674,793.22$ | $\$ 1,675,738.67$ | $100.06 \%$ |
| May-20 | $869,965,684$ | $\$ 1,500,938.44$ | $\$ 1,501,126.08$ | $100.01 \%$ |
| Jun-20 | $1,058,914,828$ | $\$ 1,809,368.81$ | $\$ 1,809,676.85$ | $100.02 \%$ |
| Jul-20 | $1,314,500,705$ | $\$ 2,247,214.17$ | $\$ 2,245,072.25$ | $99.90 \%$ |
| Aug-20 | $1,300,835,327$ | $\$ 2,192,352.14$ | $\$ 2,192,954.19$ | $100.03 \%$ |
| Sep-20 | $1,244,761,403$ | $\$ 2,063,165.63$ | $\$ 2,063,523.27$ | $100.02 \%$ |
| Oct-19 | $1,185,654,633$ | $\$ 1,154,710.96$ | $\$ 1,154,936.38$ | $100.02 \%$ |
| Nov-19 | $989,101,257$ | $\$ 961,982.01$ | $\$ 962,034.55$ | $100.01 \%$ |
| Dec-19 | $1,125,230,420$ | $\$ 1,117,151.36$ | $\$ 1,117,291.53$ | $100.01 \%$ |
| Total: | $\mathbf{1 3 , 6 5 2 , 6 0 3 , 2 5 3}$ | $\$ 20,821,483.19$ | $\$ 20,825,801.91$ | $\mathbf{1 0 0 . 0 2 \%}$ |

MM-14

| Duke Energy <br> Calculation of Allowance for Undercollection |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | KwH | KWh sales X current rider $=$ Rider Expected Revenue | Actual Collection | Expected Revenue / <br> Rider Collection |
| Jan-20 | 1,711,283,552 | \$1,522,480.50 | \$1,501,220.38 | 98.60\% |
| Feb-20 | 1,616,467,141 | \$1,441,782.47 | \$1,422,807.66 | 98.68\% |
| Mar-20 | 1,567,088,758 | \$1,382,407.07 | \$1,364,634.88 | 98.71\% |
| Apr-20 | 1,346,271,549 | \$1,193,992.73 | \$1,178,675.11 | 98.72\% |
| May-20 | 1,242,512,616 | \$1,123,265.09 | \$1,107,859.12 | 98.63\% |
| Jun-20 | 1,641,360,220 | \$1,428,747.33 | \$1,410,215.13 | 98.70\% |
| Jul-20 | 1,765,299,045 | \$1,626,538.61 | \$1,602,823.89 | 98.54\% |
| Aug-20 | 2,016,134,791 | \$1,730,399.46 | \$1,710,947.64 | 98.88\% |
| Sep-20 | 1,617,022,605 | \$1,504,262.25 | \$1,486,637.21 | 98.83\% |
| Oct-19 | 1,571,186,802 | \$1,016,675.44 | \$1,006,406.01 | 98.99\% |
| Nov-19 | 1,556,707,710 | \$972,226.21 | \$952,342.52 | 97.95\% |
| Dec-19 | 1,706,596,922 | \$1,086,702.06 | \$1,069,585.23 | 98.42\% |
| Total: | 19,357,931,711 | \$16,029,479.23 | \$15,814,154.78 | 98.64\% |
| Target Revenue |  |  |  | \$ 6,639,850 |
| Total Cost: (Target Revenue/Average Collection) |  |  |  | \$ 6,730,228 |
| Allowance: (Total Cost-Target Revenue) |  |  |  | \$90,378 |

MM-15

| Cleveland Electric Illuminating Company Calculation of Allowance for Undercollection |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | KwH | KWh sales X current rider = Rider Expected Revenue | Actual Collection | Expected Revenue / Rider Collection |
| Jan-20 | 1,550,670,468 | \$3,083,427.78 | \$3,199,646.04 | 103.77\% |
| Feb-20 | 1,410,062,148 | \$2,818,889.32 | \$2,858,777.92 | 101.42\% |
| Mar-20 | 1,479,567,651 | \$2,858,904.37 | \$2,864,667.49 | 100.20\% |
| Apr-20 | 1,327,350,520 | \$2,616,868.14 | \$2,621,924.60 | 100.19\% |
| May-20 | 1,221,509,660 | \$2,491,638.07 | \$2,481,168.18 | 99.58\% |
| Jun-20 | 1,360,465,032 | \$2,798,407.29 | \$2,784,702.01 | 99.51\% |
| Jul-20 | 1,569,653,697 | \$3,258,867.88 | \$3,243,258.07 | 99.52\% |
| Aug-20 | 1,655,759,989 | \$3,432,291.87 | \$3,425,815.80 | 99.81\% |
| Sep-20 | 1,554,071,470 | \$3,219,893.75 | \$3,192,095.15 | 99.14\% |
| Oct-19 | 1,469,291,512 | \$2,168,055.10 | \$2,158,915.54 | 99.58\% |
| Nov-19 | 1,293,940,433 | \$1,924,119.89 | \$1,684,114.20 | 87.53\% |
| Dec-19 | 1,440,551,682 | \$2,172,605.54 | \$2,162,230.79 | 99.52\% |
| Total: | 17,332,894,262 | \$32,843,969.00 | \$32,677,315.79 | 99.15\% |

Target Revenue
Total Cost: (Target Revenue/Average Collection)
Allowance: (Total Cost-Target Revenue)

13,235,211
111,926

| Ohio Edison <br> Calculation of Allowance for Undercollection |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | KwH | KWh sales X current rider $=$ Rider Expected Revenue | Actual Collection | Expected Revenue / <br> Rider Collection |
| Jan-20 | 2,018,668,610 | \$5,960,300.25 | \$6,092,062.40 | 102.21\% |
| Feb-20 | 1,896,305,341 | \$5,559,721.92 | \$5,497,189.48 | 98.88\% |
| Mar-20 | 1,906,196,269 | \$5,550,758.30 | \$5,502,485.63 | 99.13\% |
| Apr-20 | 1,671,892,073 | \$4,931,276.72 | \$4,883,540.08 | 99.03\% |
| May-20 | 1,558,271,189 | \$4,704,763.45 | \$4,657,424.01 | 98.99\% |
| Jun-20 | 1,749,426,223 | \$5,257,686.01 | \$5,203,109.56 | 98.96\% |
| Jul-20 | 2,062,681,717 | \$6,168,221.72 | \$6,105,008.40 | 98.98\% |
| Aug-20 | 2,187,265,445 | \$6,622,519.38 | \$6,554,997.30 | 98.98\% |
| Sep-20 | 2,133,454,066 | \$6,279,688.99 | \$6,216,246.51 | 98.99\% |
| Oct-19 | 1,831,538,762 | \$3,559,778.50 | \$3,524,237.50 | 99.00\% |
| Nov-19 | 1,708,235,690 | \$3,282,648.61 | \$2,819,841.17 | 85.90\% |
| Dec-19 | 1,868,648,419 | \$3,653,637.13 | \$3,642,052.21 | 99.68\% |
| Total: | 22,592,583,804 | \$61,531,000.97 | \$60,698,194.25 | 98.23\% |
| Target Revenue |  |  |  | \$ 23,759,172 |
| Total Cost: (Target Revenue/Average Collection) |  |  |  | \$ 24,180,200 |
| Allowance: (Total Cost-Target Revenue) |  |  |  | \$ 421,028 |

MM-17

| Toledo Edison/First Energy <br> Calculation of Allowance for Undercollection |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | KwH | ```KWh sales X current rider = Rider Expected Revenue``` | Actual Collection | Expected Revenue / Rider Collection |
| Jan-20 | 900,575,797 | \$1,840,956.48 | \$1,806,801.77 | 98.14\% |
| Feb-20 | 863,123,210 | \$1,721,844.74 | \$1,703,968.47 | 98.96\% |
| Mar-20 | 833,279,930 | \$1,713,321.77 | \$1,695,531.16 | 98.96\% |
| Apr-20 | 762,963,371 | \$1,536,703.40 | \$1,521,394.12 | 99.00\% |
| May-20 | 653,367,608 | \$1,376,373.98 | \$1,362,540.70 | 98.99\% |
| Jun-20 | 787,642,081 | \$1,637,908.15 | \$1,621,472.28 | 99.00\% |
| Jul-20 | 923,662,601 | \$1,990,463.67 | \$1,989,321.34 | 99.94\% |
| Aug-20 | 1,016,187,071 | \$1,995,250.95 | \$2,124,535.85 | 106.48\% |
| Sep-20 | 967,675,153 | \$2,157,569.42 | \$1,986,767.49 | 92.08\% |
| Oct-19 | 845,773,822 | \$1,119,640.26 | \$1,108,424.55 | 99.00\% |
| Nov-19 | 810,086,209 | \$1,043,527.87 | \$934,283.43 | 89.53\% |
| Dec-19 | 843,851,516 | \$1,144,067.35 | \$1,132,400.57 | 98.98\% |
| Total: | 10,208,188,369 | \$19,277,628.04 | \$18,987,441.73 | 98.26\% |
| Target Revenue |  |  |  | \$ 7,342,994 |
| Total Cost: (Target Revenue/Average Collection) |  |  |  | \$ 7,471,013 |
| Allowance: (Total Cost-Target Revenue) |  |  |  | \$128,019 |

MM-18

| OP KWH Sales <br> Oct 2019- Sept 2020 |  |  | DPL KWH Sales Oct 2019- Sept 2020 |  |  | Duke KWH Sales Oct 2019- Sept 2020 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | KWH |  |  | KWH |  |  | KWH |  |
| Jan | 3,739,042,447 |  | Jan | 1,233,808,036 |  | Jan | 1,711,283,552 |  |
| Feb | 3,729,063,648 |  | Feb | 1,191,390,989 |  | Feb | 1,616,467,141 |  |
| Mar | 3,148,451,065 |  | Mar | 1,150,849,787 |  | Mar | 1,567,088,758 |  |
| Apr | 3,260,083,998 |  | Apr | 987,590,184 |  | Apr | 1,346,271,549 |  |
| May | 2,908,708,497 |  | May | 869,965,684 |  | May | 1,242,512,616 |  |
| June | 3,318,491,933 |  | June | 1,058,914,828 |  | June | 1,641,360,220 |  |
| July | 3,926,193,516 |  | July | 1,314,500,705 |  | July | 1,765,299,045 |  |
| Aug | 3,990,339,125 |  | Aug | 1,300,835,327 |  | Aug | 2,016,134,791 |  |
| Sept | 3,721,196,666 |  | Sept | 1,244,761,403 |  | Sept | 1,617,022,605 |  |
| Oct | 3,476,292,740 |  | Oct | 1,185,654,633 |  | Oct | 1,571,186,802 |  |
| Nov | 3,115,741,796 |  | Nov | 989,101,257 |  | Nov | 1,556,707,710 |  |
| Dec | 3,712,295,051 |  | Dec | 1,125,230,420 |  | Dec | 1,706,596,922 |  |
| Total | 42,045,900,482 | MM-19 | Total | 13,652,603,253 | MM-20 | Total | 19,357,931,711 | MM-21 |
| Oct | EI KWH Sales 2019- Sept 2020 |  | Oct | $\begin{aligned} & \text { E KWH Sales } \\ & 019-\text { Sept } 2020 \end{aligned}$ |  |  | TE KWH Sales 2019- Sept 2020 |  |
|  | KWH |  |  | KWH |  |  | KWH |  |
| Jan | 1,550,670,468 |  | Jan | 2,018,668,610 |  | Jan | 900,575,797 |  |
| Feb | 1,410,062,148 |  | Feb | 1,896,305,341 |  | Feb | 863,123,210 |  |
| Mar | 1,479,567,651 |  | Mar | 1,906,196,269 |  | Mar | 833,279,930 |  |
| Apr | 1,327,350,520 |  | Apr | 1,671,892,073 |  | Apr | 762,963,371 |  |
| May | 1,221,509,660 |  | May | 1,558,271,189 |  | May | 653,367,608 |  |
| June | 1,360,465,032 |  | June | 1,749,426,223 |  | June | 787,642,081 |  |
| July | 1,569,653,697 |  | July | 2,062,681,717 |  | July | 923,662,601 |  |
| Aug | 1,655,759,989 |  | Aug | 2,187,265,445 |  | Aug | 1,016,187,071 |  |
| Sept | 1,554,071,470 |  | Sept | 2,133,454,066 |  | Sept | 967,675,153 |  |
| Oct | 1,469,291,512 |  | Oct | 1,831,538,762 |  | Oct | 845,773,822 |  |
| Nov | 1,293,940,433 |  | Nov | 1,708,235,690 |  | Nov | 810,086,209 |  |
| Dec | 1,440,551,682 |  | Dec | 1,868,648,419 |  | Dec | 843,851,516 |  |
| Total | 17,332,894,262 | MM-22 | Total | 22,592,583,804 | MM-23 | Total | 10,208,188,369 | MM-24 |

## Two-Tiered Rider <br> AEP

## Proposal

First Block 833,000 kWh (10,000,000 per Year ) (18)
Over 833,000 kWh [Lower of 10/99 Rate (1) or Uniform per Kwh rate (4)]
\$ 0.0018471
0.0001756

## Calculation

1 10/99 USF Rider
\$ 0.0001756
2 USF Rider Revenue Requirement
3 Total kWh Used in Calculation

4 Uniform per Kwh rate

5 Accounts with Annual kWh Greater than 10,000,000 kWh

6 Total Kwh of Accounts Over 10,000,000 kWh Annually

7 First Block Annual kWh (833,334 Monthly)
8 Total kWh in First Block (5) x (7)

9 Revenue First Block Rate x (8)
10 Total Second Block kWh (6) - (8)
11 Lower of 10/99 Rate (1) or Uniform per Kwh rate
12 Second Block Revenue (11) x (10)

13 Total First and Second Block Revenue (9) + (12)
14 Revenue @ ODOD Proposed Rate (6) x (4)
15 Revenue shortfall (13)-(14)
Adjustment to Calculation

| 16 | Adjusted Cost (2) - (9) - (12) | 53,554,652.12 |
| :--- | :--- | ---: |
| 17 | Adjusted kWh (3) - (6) | $28,994,068,079$ |
| 18 | Adjusted First Block Rate $(16) /(17)$ | $\$ 0.0018471$ |
| 19 | Change (18) - (4) | $\$$ |
| 20 | \% Change | 0.0004019 |
| 21 | Annual Cost to Consumer Using 975 kWh per Month (19) $\times 1008.50 \times 12$ | $\$$ |

## Two-Tiered Rider <br> DPL

## Proposal

First Block 833,000 kWh (10,000,000 per Year ) (18)
Over 833,000 kWh [Lower of 10/99 Rate (1) or Uniform per Kwh Rate
\$ 0.0004213
\$ 0.0004213

## Calculation

1

2 USF Rider Revenue Requirement
3 Total kWh Used in Calculation
4 Uniform per Kwh Rate (2) / (3)
\$ 0.0004213

## Duke

## Proposal

$\begin{array}{lll}\text { First Block } 833,000 \mathrm{kWh}(10,000,000 \text { per Year })(18) & \$ & 0.0003477 \\ \text { Over } 833,000 \mathrm{kWh} \text { [Lower of 10/99 Rate (1) or Uniform per Kwh Rate } & \$ & 0.0003477\end{array}$

## Calculation

1 10/99 USF Rider

2 USF Rider Revenue Requirement
3 Total kWh Used in Calculation
$19,357,931,711$
4 Uniform per Kwh Rate (2) / (3)
\$ 0.0003477

## Two-Tiered Rider

## CEI

## Proposal

First Block 833,000 kWh (10,000,000 per Year ) (18)
Over 833,000 kWh [Lower of 10/99 Rate (1) or Uniform per Kwh Rate (4)]

| $\$$ | 0.0008122 |
| :--- | :--- |
| $\$$ | 0.0005680 |

## Calculation

1 10/99 USF Rider

2 USF Rider Revenue Requirement
3 Total kWh Used in Calculation
4 Uniform per Kwh Rate (2) / (3)
5 Accounts with Annual kWh Greater than 10,000,000 kWh
6 Total Kwh of Accounts Over 10,000,000 kWh Annually
7 First Block Annual kWh (833,000 Monthly)
8 Total kWh in First Block (5) x (6)
9 Revenue First Block Rate x (8)
10 Total Second Block kWh (6) - (8)
11 Lower of 10/99 Rate (1) or Uniform Per Kwh Rate (4)
12 Second Block Revenue (11) x (10)
13 Total First and Second Block Revenue (9) + (12)
1,960,497.27

14 Revenue @ Uniform per Kwh Rate (6) x (4)
2,973,744.65

15 Reduction in Total Revenue (13) - (14)
3,588,166.62
(\$614,421.96)
Adjustment to Calculation

| 16 | Adjusted Cost (2) - (9) - (12) | $\$$ | $10,261,466.63$ |
| ---: | :--- | ---: | ---: |
| 17 | Adjusted kWh (3) - (6) |  | $12,633,814,568$ |
| 18 | Adjusted USF (16)/(17) | $\$$ | 0.0008122 |
| 19 | Change (18) - (4) |  | $\$ 0.0000486$ |
| 20 | \% Change |  | $6.4 \%$ |
| 21 | Annual Cost to Consumer Using 716 kWh per Month (19) $\times 716 \times 12$ | $\$$ | 0.42 |

## Two-Tiered Rider <br> Ohio Edison

## Proposal

First Block 833,000 kWh (10,000,000 per Year ) (18)
Over 833,000 kWh [Lower of 10/99 Rate (1) or Uniform per Kwh Rate
\$ 0.0010744
\$ 0.0010461

| $\$$ | 0.0010461 |
| :---: | ---: |
| $\$$ | $24,180,199.61$ |
|  | $22,592,583,804$ |
| $\$$ | 0.0010703 |
|  |  |

151

4,832,677,180

10,000,000
$1,511,666,667$
$1,624,190.53$
$3,321,010,513$
0.0010461

3,474,109.10
5,098,299.63
5,172,276.88
(73,977.25)
\$ 19,081,899.98
$17,759,906,624$
\$ 0.0010744
$\$ 0.0000042$
0.4\%
0.04

## Two-Tiered Rider <br> Toledo Edison

## Proposal

First Block 833,000 kWh (10,000,000 per Year ) (18)
Over 833,000 kWh [Lower of 10/99 Rate (1) or Uniform per Kwh rate
\$ 0.0008607
\$ 0.0005610

## Calculation

1 10/99 USF Rider

2 USF Rider Revenue Requirement

3 Total kWh Used in Calculation

4 Uniform per Kwh rate

5 Accounts with Annual kWh Greater than 10,000,000 kWh
6 Total Kwh of Accounts Over 10,000,000 kWh Annually
$7 \quad$ First Block Annual kWh (833,334 Monthly)
$10,000,000$

8 Total kWh in First Block (5) x (6)

9 Revenue First Block Rate x (8)

10 Total Second Block kWh (6) - (8)

11 Lower of 10/99 Rate (1) or Uniform per Kwh rate

12 Second Block Revenue (11) x (10)
13 Total First and Second Block Revenue (9) + (12)

14 Revenue @ ODOD Proposed Rate (6) x (4)

15 Revenue shortfall (13) - (14)

Adjustment to Calculation
16 Adjusted Cost (2) - (9) - (12)

17 Adjusted kWh (3) - (6)

18
Adjusted First Block Rate (16)/(17)

Change (18) - (4)
\% Change

Annual Cost to Consumer Using 792 kWh per Month (19) x $792 \times 12$
\$
1.22

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## Commission of Ohio Docketing Information System on

11/19/2020 2:22:57 PM
in

## Case No(s). 20-1103-EL-USF

Summary: Text Supplemental Testimony of Megan Meadows on Behalf of The Ohio Development Services Agency electronically filed by Teresa Orahood on behalf of Dane Stinson


[^0]:    ${ }^{1}$ The 1999 PIPP rider rate in effect for the merged AEP operating company was determined by averaging CSP's and OP's 1999 rates of $\$ 0.0001830$ and $\$ 0.0001681$, respectively.

