Exhibit No.:

Issue(s): Expense - Depreciation Witness: Cedric E. Cunigan, PE

Sponsoring Party: MoPSC Staff
Type of Exhibit: Rebuttal Testimony
Case No.: ER-2022-0337

Date Testimony Prepared: February 15, 2023

MISSOURI PUBLIC SERVICE COMMISSION INDUSTRY ANALYSIS DIVISION ENGINEERING ANALYSIS DEPARTMENT

REBUTTAL TESTIMONY

OF

CEDRIC E. CUNIGAN, PE

UNION ELECTRIC COMPANY, d/b/a AMEREN MISSOURI

CASE NO. ER-2022-0337

Jefferson City, Missouri February 2023

| 1 | TABLE OF CONTENTS OF |
|--------|--|
| 2 | REBUTTAL TESTIMONY OF |
| 3 | CEDRIC E. CUNIGAN, PE |
| 4 5 | UNION ELECTRIC COMPANY, d/b/a AMEREN MISSOURI |
| 6 | CASE NO. ER-2022-0337 |
| 7 | Executive Summary |
| 8 | Corrections to Direct Testimony |
| 9 | Depreciation database and property unit catalog |

| 1 | | REBUTTAL TESTIMONY OF |
|--------|-----------------|--|
| 2 | | CEDRIC E. CUNIGAN, PE |
| 3 4 | | UNION ELECTRIC COMPANY, d/b/a AMEREN MISSOURI |
| 5 | | CASE NO. ER-2022-0337 |
| 6 | Q. | Please state your name and business address. |
| 7 | A. | My name is Cedric E. Cunigan. My business address is 200 Madison Street, |
| 8 | Jefferson City | , Missouri 65101. |
| 9 | Q. | Are you the same Cedric E. Cunigan that filed direct testimony in this case? |
| 10 | A. | Yes. |
| | | |
| 11 | EXECUTIVE | E SUMMARY |
| 12 | Q. | What is the purpose of your rebuttal testimony? |
| 13 | A. | The purpose of my rebuttal testimony is to provide corrections to the |
| 14 | depreciation s | chedule I submitted in direct COS testimony as schedule CEC-d2 in this case. |
| 15 | I also address | issues with the recording of retirements for accounts that use mass asset |
| 16 | accounting. | |
| | | |
| 17 | CORRECTIO | ONS TO DIRECT TESTIMONY |
| 18 | Q. | What corrections do you need to make to your direct testimony? |
| 19 | A. | The reserve balances need to be entered manually in the depreciation software |
| 20 | used by Staff. | It was brought to Staff's attention after filing of direct that Staff made manual |
| 21 | errors entering | g the reserve balances for three accounts that affected the depreciation rates for |
| 22 | those account | s. This error affected account 314 Boiler Plant Equipment for Labadie and |
| 23 | account 332 I | Reservoirs, Dams and Waterways for Osage and Taum Sauk. The changes to |
| ļ | I | |

the rates are in the table below and in the corrected depreciation schedule attached to this testimony as Schedule CEC-r1.

| Account | Location | Incorrect Rate | Corrected Rate |
|----------------------------|-----------|----------------|-----------------------|
| 314 Boiler Plant Equipment | Labadie | 4.32 | 2.97 |
| 332 Reservoirs, Dams and | Osage | 3.92 | 2.94 |
| Waterways | | | |
| 332 Reservoirs, Dams and | Taum Sauk | 19.47 | 2.40 |
| Waterways | | | |

3

4

5

6

7

Q. Are there differences between Staff's estimation of rates and the ones chosen by

Ameren Missouri?

A. Yes. The main differences are in the choice of survival curves for the accounts listed below.

| Account | Description | Staff Curve | Ameren |
|---------|----------------------------|-------------|---------|
| | | | Curve |
| 316 | MISCELLANEOUS POWER PLANT | 40-L0 | 40-L0.5 |
| | EQUIPMENT | | |
| 346 | MISCELLANEOUS POWER PLANT | 27-L2 | 28-S1 |
| | EQUIPMENT | | |
| 364 | POLES AND FIXTURES | 58-L2.5 | 54-S1.5 |
| 373 | STREET LIGHTING AND SIGNAL | 40-O1 | 38-S0 |
| | SYSTEMS | | |

Staff believes that the curve choices chosen by Staff provide a better visual fit for the data. Staff would also like to note that Staff will recommend adjustments in its True-up testimony and accounting schedules for the amortized accounts to remove any plant in service that has aged beyond the amortization periods. Mr. Spanos has indicated he agrees with this method and Staff will consult with the Company when making the adjustments.

DEPRECIATION DATABASE AND PROPERTY UNIT CATALOG

- Q. What are the relevant rules regarding the depreciation study database and property unit catalog?
- A. 20 CSR 4240-3.175 Submission Requirements for Electric Utility Depreciation Studies and 20 CSR 4240-20.030 Uniform System of Accounts Electrical Corporations outline the information needed to be recorded and how that is broken into separate accounts for the database and continuing property record("CPR"), which is also called a continuing plant inventory record. More specifically 20 CSR 4240-3.175(1)(A)2. outlines the information required in the database. The first is annual dollar additions and dollar retirements by vintage year and year retired beginning with the earliest year of available data. And 20 CSR 4240-20.030(3)(A) states that an electric corporation subject to the commission's jurisdiction shall "Maintain plant records of the year of each unit's retirement as part of the 'continuing plant inventory records,' as the term is otherwise defined at Part 101 Definitions 8. and paragraph 15,001.8.2" Part 101 Definitions 8. B. requires the recording of quantity placed in service by vintage year and the average cost be recorded for each category of mass property.

¹ 20 CSR 4240-3.175(1)(A)2.A.

² This reference refers to 18 CFR Part 101.

³ From 18 CFR Part 101 Definition 8, the plant records for mass property must provide the following information B. For each category of mass property:

⁽¹⁾ A general description of the property and quantity;

| 1 | Q. | Has the company adhered to these rules? |
|-------------------------------|----------------|---|
| 2 | A. | No. Staff's understanding is that the company does not accurately track vintage |
| 3 | year informa | ation for retirements of mass property accounts. From Data Request responses, |
| 4 | Staff has gat | hered that the Company allows the PowerPlan software to determine which assets |
| 5 | to retire base | ed off of the survival curve chosen in the depreciation study. In response to Staff |
| 6 | Data Reques | t 0209.3, the Company states the following: |
| 7 8 9 10 11 12 | | "Ameren uses the Power Plan system to select assets for retirement based on Iowa survivor curves for mass property accounts based on the type of asset. The survivor curve reflects current dispersion patterns of the assets which has been determined in the most recent depreciation study or studies (as other intervenors including Staff study the appropriate depreciation parameters for our investments)". |
| 13 | Q. Why | is this an issue? |
| 14 | A. Aside | e from potentially violating the Commission's rules, this is problematic because |
| 15 | the retireme | nt data no longer matches Ameren Missouri's plant in service, and that same |
| 16 | retirement da | ata is then used in the depreciation study to determine the survivor curve ⁴ , which |
| 17 | determines v | what PowerPlan retires. The Company states that the practices outlined above are |
| 18 | used on the f | following accounts: |
| 19 | | Account 364 – Poles, Towers and Fixtures Account |
| 20 | | • 365 – Overhead Conductor and Devices Account |
| 21 | | 366 – Underground Conduit Account |
| 22 | | 367 – Underground Conductors and Devices Account |
| 23 | | • 368 – Line Transformers Account |
| | | |
| | II | |

⁽²⁾ The quantity placed in service by vintage year;
(3) The average cost as set forth in Plant Instructions 2 and 3 of this part; and
(4) The plant control account to which the costs are charged.
⁴ The Iowa curve that estimates the life of an asset group.

| 1 | • 369 – Services Account |
|----|---|
| 2 | • 370 – Meters Account |
| 3 | • 371 – Installation on Customers' Premises Account |
| 4 | • 373 – Street Lighting and Signal Systems |
| 5 | The combined plant balance and book reserve for these accounts is \$6,391,076,638 and |
| 6 | -\$2,945,110,727, respectively. Staff is unable to determine the magnitude of the difference |
| 7 | between the book values and what plant is actually in service at this time. It could be a |
| 8 | relatively small impact percentage-wise, but only a full inventory of these accounts would be |
| 9 | able to determine the extent of the variation. |
| 10 | Q. What does Staff recommend? |
| 11 | A. Staff strongly recommends that the Commission order the Company to stop its |
| 12 | practice of allowing the PowerPlan software to determine what vintages to retire, and order the |
| 13 | Company to record this information going forward. Staff will continue conversations with the |
| 14 | Company to better understand the magnitude of this issue and if a full inventory would be |
| 15 | appropriate or some other manner of adjusting books is necessary. |
| 16 | Q. Does this conclude your rebuttal testimony? |
| 17 | A. Yes it does. |

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

| In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust Its Revenues for Electric Service |) Case No. ER-2022-0337 |
|---|--|
| | |
| AFFIDAVIT OF C | EDRIC E. CUNIGAN, PE |
| STATE OF MISSOURI) ss. | |
| COUNTY OF COLE) | |
| and lawful age; that he contributed to the fore | PE and on his oath declares that he is of sound mind egoing Rebuttal Testimony of Cedric E. Cunigan, PE; |
| and that the same is true and correct according | to his best knowledge and belief. |
| Further the Affiant sayeth not. | e v v |
| | CEDRIC E. CUNIGAN, PE |
| | |
| 9 | JURAT |
| | onstituted and authorized Notary Public, in and for the |
| County of Cole, State of Missouri, at my of February 2023. | nce in Jenerson City, on this day or |
| D. SUZIE MANKIN Notary Public - Notary Seal State of Missouri Commissioned for Cole County My Commission Expires: April 04, 2025 Commission Number: 12412070 | Duziellankin Notary Public |

AMEREN MISSOURI ELECTRIC DIVISION

| | DEPRECIABLE GROUP | PROB. RET. DATE | SURVIVOR CURVE | NET SALVAGE PERCENT | DEPRECIATION RATE |
|-----------|---|--------------------|-------------------|------------------------|----------------------|
| | STEAM PRODUCTION PLANT | | | | |
| 311 | STRUCTURES AND IMPROVEMENTS | | | | |
| | MERAMEC | Dec-22 | 95-R1.5 | 0 | 10.90 |
| | SIOUX | Dec-30 | 95-R1.5 | -1 | 5.89 |
| | LABADIE | Dec-42 | 95-R1.5 | -1 | 3.33 |
| | COMMON - ALL STEAM PLANTS | May-25 | 95-R1.5 | 0 | 15.07 |
| | RUSH ISLAND | Dec-39 | 95-R1.5 | -1 | 3.56 |
| 312 | BOILER PLANT EQUIPMENT | | | | |
| | MERAMEC | Dec-22 | 60-R0.5 | 0 | 10.37 |
| | SIOUX | Dec-30 | 60-R0.5 | -2 | 7.00 |
| | LABADIE | Dec-42 | 60-R0.5 | -5 | 3.90 |
| | COMMON - ALL STEAM PLANTS | May-25 | 60-R0.5 | -2 | 13.13 |
| | RUSH ISLAND | Dec-39 | 60-R0.5 | -4 | 4.12 |
| 312.03 | BOILER PLANT EQUIPMENT - ALUMINUM COAL CARS | | 35-R2 | 25 | 0.14 |
| 314 | BOILER PLANT EQUIPMENT | | | | |
| | MERAMEC | Dec-22 | 60-S0.5 | 0 | 5.92 |
| | SIOUX | Dec-30 | 60-S0.5 | -1 | 6.27 |
| | LABADIE | Dec-42 | 60-S0.5 | -2 | 2.97 |
| | RUSH ISLAND | Dec-39 | 60-S0.5 | -2 | 3.46 |
| 315 | ACCESSORY ELECTRIC EQUIPMENT | | | | |
| | MERAMEC | Dec-22 | 75-S0 | 0 | 13.75 |
| | SIOUX | Dec-30 | 75-S0 | -1 | 7.09 |
| | LABADIE | Dec-42 | 75-S0 | -2 | 3.08 |
| | COMMON - ALL STEAM PLANTS | May-25 | | -1 | 14.91 |
| | RUSH ISLAND | Dec-39 | 75-S0 | -2 | 3.58 |
| 316 | MISCELLANEOUS POWER PLANT EQUIPMENT | | | | |
| | MERAMEC | Dec-22 | 40-L0 | 0 | 27.91 |
| | SIOUX | Dec-30 | 40-L0 | 0 | 8.50 |
| | LABADIE COMMON ALL STEAM BLANTS | Dec-42 | 40-L0 | -1 | 4.12 |
| | COMMON - ALL STEAM PLANTS RUSH ISLAND | May-25 Dec-39 | 40-L0 40-L0 | 0 -1 | 16.07 5.61 |
| 0.4.5.0.4 | | | | | |
| 316.21 | MISCELLANEOUS POWER PLANT EQUIPMENT - FURNITURE | | 20.00 | 0 | F 00 |
| | MERAMEC | | 20-SQ 20-SQ | 0 | 5.00 |
| | SIOUX LABADIE | | 20-SQ 20-SQ | 0 | 5.00 |
| | RUSH ISLAND | | 20-SQ 20-SQ | 0 | 5.00 5.00 |
| | ROSH ISLAND | | 20-3Q | Ü | 5.00 |
| 316.22 | MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE | | 1F CO | 0 | 6.67 |
| | MERAMEC SIOUX | | 15-SQ 15-SQ | 0 | 6.67 6.67 |
| | LABADIE | | 15-SQ 15-SQ | 0 | 6.67 |
| | RUSH ISLAND | | 15-SQ 15-SQ | 0 | 6.67 |
| 316.23 | MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS | | | | |
| 310.23 | MERAMEC | | 5-SQ | 0 | 20.00 |
| | SIOUX | | 5-SQ | 0 | 20.00 |
| | LABADIE | | 5-SQ | 0 | 20.00 |
| | RUSH ISLAND | | 5-SQ | 0 | 20.00 |
| | | | | | |

AMEREN MISSOURI ELECTRIC DIVISION

| | DEPRECIABLE GROUP NUCLEAR PRODUCTION PLANT | PROB. RET. DATE | SURVIVOR CURVE | <u>NET SALVAGE</u> <u>PERCENT</u> | DEPRECIATION RATE |
|--------|---|--------------------|-------------------|--------------------------------------|----------------------|
| | NOCES IN THOSOCION I E III | | | | |
| 321 | STRUCTURES AND IMPROVEMENTS | Oct-44 | 90-R2 | -1 | 1.63 |
| 322 | REACTOR PLANT EQUIPMENT | Oct-44 | 55-S0.5 | -3 | 2.83 |
| 323 | TURBOGENERATOR UNITS | Oct-44 | 50-S0.5 | -4 | 2.99 |
| 324 | ACCESSORY ELECTRIC EQUIPMENT | Oct-44 | 75-R2 | -1 | 2.30 |
| 325 | MISCELLANEOUS POWER PLANT EQUIPMENT | Oct-44 | 40-L0 | 0 | 3.97 |
| 325.21 | MISCELLANEOUS POWER PLANT EQUIPMENT - FURNITURE | | 20-SQ | 0 | 5.00 |
| 325.22 | MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE | | 15-SQ | 0 | 6.67 |
| 325.23 | MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS | | 5-SQ | 0 | 20.00 |
| | HYDRAULIC PRODUCTION PLANT | | | | |
| 331 | STRUCTURES AND IMPROVEMENTS | | | | |
| | OSAGE | Jun-47 | 125-R1 | -2 | 3.49 |
| | TAUM SAUK | Jun-89 | 125-R1 | -5 | 1.38 |
| | KEOKUK | Jun-55 | 125-R1 | -2 | 2.71 |
| 332 | RESERVOIRS, DAMS AND WATERWAYS | | | | |
| | OSAGE | Jun-47 | 150-R2.5 | -1 | 2.94 |
| | TAUM SAUK | Jun-89 | 150-R2.5 | -3 | 2.40 |
| | KEOKUK | Jun-55 | 150-R2.5 | -1 | 2.25 |
| 333 | WATER WHEELS, TURBINES AND GENERATORS | | | | |
| | OSAGE | Jun-47 | 95-S0 | -7 | 2.86 |
| | TAUM SAUK | Jun-89 | 95-S0 | -23 | 1.98 |
| | KEOKUK | Jun-55 | 95-S0 | -9 | 2.76 |
| 334 | ACCESSORY ELECTRIC EQUIPMENT | | | | |
| | OSAGE | Jun-47 | 70-R1.5 | -1 | 2.97 |
| | TAUM SAUK | Jun-89 | 70-R1.5 | -3 | 1.70 |
| | KEOKUK | Jun-55 | 70-R1.5 | -1 | 2.53 |
| 335 | MISCELLANEOUS POWER PLANT EQUIPMENT | | | | |
| | OSAGE | Jun-47 | 55-R0.5 | 0 | 4.27 |
| | TAUM SAUK | Jun-89 | 55-R0.5 | 0 | 2.05 |
| | KEOKUK | Jun-55 | 55-R0.5 | 0 | 2.97 |
| 335.21 | MISCELLANEOUS POWER PLANT EQUIPMENT - FURNITURE | | | | |
| | OSAGE | | 20-SQ | 0 | 5.00 |
| | TAUM SAUK | | 20-SQ | 0 | 5.00 |
| | KEOKUK | | 20-SQ | 0 | 5.00 |
| 335.22 | MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE | | | | |
| | OSAGE | | 15-SQ | 0 | 6.67 |
| | TAUM SAUK | | 15-SQ | 0 | 6.67 |
| | KEOKUK | | 15-SQ | 0 | 6.67 |
| 335.23 | MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS | | F 60 | - | 22.22 |
| | OSAGE | | 5-SQ | 0 | 20.00 |
| | TAUM SAUK | | 5-SQ | 0 | 20.00 20.00 |
| | KEOKUK | | 5-SQ | 0 | 20.00 |
| 336 | ROADS, RAILROADS AND BRIDGES | | 55 B3 5 | _ | |
| | OSAGE | Jun-47 | 55-R0.5 | 0 | 4.05 |
| | TAUM SAUK | Jun-89 | 55-R0.5 | 0 | 1.25 |
| | KEOKUK | Jun-55 | 55-R0.5 | 0 | 1.14 |

AMEREN MISSOURI ELECTRIC DIVISION

| | DEPRECIABLE GROUP | PROB. RET. DATE | SURVIVOR CURVE | NET SALVAGE PERCENT | DEPRECIATION RATE |
|--------|---|--------------------|-------------------|------------------------|----------------------|
| | OTHER PRODUCTION PLANT | | | | |
| 341 | STRUCTURES AND IMPROVEMENTS | | 40-S2 | -5 | 2.43 |
| 341.2 | STRUCTURES AND IMPROVEMENTS - SOLAR | | 25-R4 | 0 | 4.03 |
| 341.4 | STRUCTURES AND IMPROVEMENTS WIND | | | | |
| | ATCHISON WIND | Jun-51 | 60-R2.5 | 0 | 3.37 |
| | HIGH PRAIRIE WIND | Jun-50 | 60-R2.5 | 0 | 3.48 |
| 342 | FUEL HOLDERS, PRODUCERS AND ACCESSORIES | | 45-R2.5 | -5 | 2.04 |
| 344 | GENERATORS - OTHER CTS | | 45-R4 | -5 | 1.64 |
| 344.1 | GENERATORS - MARYLAND HEIGHTS LANDFILL CTG | | 12-S2.5 | 40 | 0.83 |
| 344.2 | GENERATORS - SOLAR | | 25-S1.5 | 0 | 5.13 |
| 344.4 | GENERATORS - WIND | | | | |
| | ATCHISON WIND | Jun-51 | 40-R2.5 | -1 | 3.58 |
| | HIGH PRAIRIE WIND | Jun-50 | 40-R2.5 | -1 | 3.66 |
| 345 | ACCESSORY ELECTRIC EQUIPMENT | | 45-R2.5 | -5 | 1.68 |
| 345.2 | ACCESSORY ELECTRIC EQUIPMENT - SOLAR | | 25-S2.5 | 0 | 4.03 |
| 345.4 | ACCESSORY ELECTRIC EQUIPMENT - WIND | | | | |
| | ATCHISON WIND | Jun-51 | 40-R2.5 | -1 | 3.54 |
| | HIGH PRAIRIE WIND | Jun-50 | 40-R2.5 | -1 | 3.66 |
| 346 | MISCELLANEOUS POWER PLANT EQUIPMENT | | 27-L2 | 0 | 1.65 |
| 346.2 | MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR | | 20-S2.5 | 0 | 4.95 |
| 346.21 | MISCELLANEOUS POWER PLANT EQUIPMENT - FURNITURE | | 20-SQ | 0 | 5.00 |
| 346.22 | MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE | | 15-SQ | 0 | 6.67 |
| 346.23 | MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS | | 5-SQ | 0 | 20.00 |
| 346.4 | MISCELLANEOUS POWER PLANT EQUIPMENT - WIND | | | | |
| | ATCHISON WIND | Jun-51 | 35-S2.5 | 0 | 2.36 |
| | HIGH PRAIRIE WIND | Jun-50 | 35-S2.5 | 0 | 2.63 |
| | OUTLAW WIND | | 35-S2.5 | 0 | 2.60 |
| 352 | STRUCTURES AND IMPROVEMENTS | | 70-R2.5 | -5 | 1.59 |
| 353 | STATION EQUIPMENT | | 60-S1 | -10 | 1.88 |
| 354 | TOWERS AND FIXTURES | | 75-R4 | -50 | 2.78 |
| 355 | POLES AND FIXTURES | | 60-R3 | -100 | 3.39 |
| 356 | OVERHEAD CONDUCTORS AND DEVICES | | 75-R3 | -40 | 1.82 |
| 359 | ROADS AND TRAILS | | 75-R4 | 0 | |
| | DISTRIBUTION PLANT | | | | |
| 361 | STRUCTURES AND IMPROVEMENTS | | 60-R2 | -5 | 1.74 |
| 362 | STATION EQUIPMENT | | 60-R2 | -10 | 1.83 |
| 364 | POLES AND FIXTURES | | 58-L2.5 | -150 | 3.78 |
| 365 | OVERHEAD CONDUCTORS AND DEVICES | | 60-R0.5 | -50 | 2.26 |
| 366 | UNDERGROUND CONDUIT | | 75-R3 | -50 | 2.12 |
| 367 | UNDERGROUND CONDUCTORS AND DEVICES | | 57-R2 | -40 | 2.58 |
| 368 | LINE TRANSFORMERS | | 46-S1 | 0 | 1.98 |
| 369.01 | OVERHEAD SERVICES | | 55-R2 | -170 | 3.28 |
| 369.02 | UNDERGROUND SERVICES | | 65-R3 | -90 | 2.43 |
| 370 | METERS | | 28-S0.5 | -5 | 4.39 |
| 370.1 | METERS - AMI | | 20-S2.5 | -5 | 5.35 |
| 371 | INSTALLATIONS ON CUSTOMERS' PREMISES | | 30-01 | 0 | 1.23 |
| 373 | STREET LIGHTING AND SIGNAL SYSTEMS | | 40-01 | -30 | 2.47 |

AMEREN MISSOURI ELECTRIC DIVISION

| | | PROB. RET. | SURVIVOR | NET SALVAGE | DEPRECIATION |
|--------|---|-------------|-----------------|--------------------|---------------------|
| | DEPRECIABLE GROUP | <u>DATE</u> | <u>CURVE</u> | PERCENT | <u>RATE</u> |
| | GENERAL PLANT | | | | |
| | | | | | |
| 390 | STRUCTURES AND IMPROVEMENTS | | 50-R1 | -10 | 2.32 |
| 390.01 | MISCELLANEOUS OLD STRUCTURES | | 45-S0 | -10 | 4.07 |
| 390.05 | STRUCTURES AND IMPROVEMENTS - TRAINING ASSETS | | 5-SQ | 0 | 20.00 |
| 391 | OFFICE FURNITURE AND EQUIPMENT - FURNITURE | | 20-SQ | 0 | 5.00 |
| 391.2 | OFFICE FURNITURE AND EQUIPMENT - PERSONAL COMPUTERS | | 5-SQ | 0 | 20.00 |
| 391.3 | OFFICE FURNITURE AND EQUIPMENT- EQUIPMENT | | 15-SQ | 0 | 6.67 |
| 392 | TRANSPORTATION EQUIPMENT | | 11-R2 | 15 | 5.88 |
| 392.05 | TRANSPORTATION EQUIPMENT - TRAINING ASSETS | | 5-SQ | 0 | 20.00 |
| 393 | STORES EQUIPMENT | | 20-SQ | 0 | 5.00 |
| 394 | TOOLS, SHOP AND GARAGE EQUIPMENT | | 20-SQ | 0 | 5.00 |
| 394.05 | TOOLS, SHOP AND GARAGE EQUIPMENT - TRAINING ASSETS | | 5-SQ | 0 | 20.00 |
| 395 | LABORATORY EQUIPMENT | | 20-SQ | 0 | 5.00 |
| 396 | POWER OPERATED EQUIPMENT | | 15-L1.5 | 15 | 6.45 |
| 397 | COMMUNICATION EQUIPMENT | | 15-SQ | 0 | 6.67 |
| 397.05 | COMMUNICATION EQUIPMENT - TRAINING ASSETS | | 5-SQ | 0 | 20.00 |
| 398 | MISCELLANEOUS EQUIPMENT | | 20-SQ | 0 | 5.00 |