Legal Department

October 29, 2021
Barcy F. McNeal
Docketing Division Chief
Public Utilities Commission of Ohio
180 East Broad Street
Columbus Ohio 43215-3793

# Re: In the Matter of the gridSMART Phase 2 Rider for Ohio <br> Power Company, Case No. 21-499-EL-RDR 

## Steven T. Nourse

VP - Legal (614) 716-1608 (P) (614) 716-2014 (F) stnourse@aep.com

Dear Ms. McNeal:

Consistent with the April 28, 2017 Application filed to initiate this case and in accordance with the February 1, 2017 Opinion and Order in Case No. 13-1939-ELRDR (gridSMART Phase 2 Order), Ohio Power Company (AEP Ohio) hereby submits its gridSMART Phase 2 rider update for the third quarter 2021. The gridSMART Phase 2 Order requires quarterly filings with automatic approval 30 days after the filing unless otherwise determined by the Commission. Therefore, absent Commission intervention the rates from this filing will become effective Cycle 1 December 2021.

Attachment 1 reflects the actual Phase 2 O\&M spending and Capital Carrying Charges from July through September 2021. The update includes the Capital Carrying Charges related to the movement of twenty-two thousand additional AMI meters to Phase 2 as Ordered in the Phase 2 Order (at Page 14), and the allocation between the Residential and Non-Residential classes as Ordered in the Global Settlement (Case No. 10-2929-EL-RDR et.al). Additionally, Attachment 1 includes a $202133^{\text {rd }}$ Quarter Operational Savings Credit of $\$ 2,099,000$ and the allocation between the Residential and Non-Residential classes as Ordered in the November 21, 2019 Finding and Order in Case No. 18-1618-EL-RDR (at Page 7 Par A). Attached as Attachment 2 are revised tariff sheets 485-1 and 485-1D, reflecting the revised gridSMART Phase 2 Rider Rates. Workpaper 1 details the calculation of carrying charges for Phase 2 Capital Spending. Workpaper 2 details the additional twenty-two thousand meters mentioned above through February 2019. As agreed to with Staff, effective with March 2019 plant, the Company began tracking the total

Net Book Value of AMI meters less the gridSMART Phase 1 AMI meters in account 370.16 (AMI Meters in Service).
Thank you for your attention to this matter.
Regards,
/s/ Steven T. Nourse

## Ohio Power Company <br> gridSMART Phase 2 <br> 3rd Quarter 2021 True-up

| Line No. | gridSMART <br> Incremental Investment | Actual gridSMART Spending | Carrying Charge |  | gridSMART <br> Revenue Requirement |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Jul 2021 - Sep 2021: |  |  |  |  |  |
| 2 | Phase 2: O\&M (AMI, VVO, DACR) | \$ 2,135,765 |  |  | \$ | 2,135,765 |
| 3 | Total | \$ 2,135,765 |  |  | \$ | 2,135,765 |
|  | Phase 2: Incremental Investment Jul 2021 - Sep 2021 | gridSMART Spending | Carrying Charge |  |  | dSMART <br> Requirement |
| 4 | Total Capital |  | \$ 12,581,840 |  | \$ | 12,581,840 |
| 5 |  |  | Total |  | \$ | 14,717,605 |
| 6 |  |  | Tax Gross Up Rate |  | 100.881\% |  |
| 7 |  |  | Revenue Requirement |  | \$ | 14,847,260 |
| 8 |  |  | (Over)/Under Recovery for 1st Q |  | \$ | $(99,858)$ |
| 9 |  |  | Total Revenue Requirement |  | \$ | 14,747,403 |
| 10 | Cost Residential Allocation | 45\% | Residential Revenue Requirement |  | \$ | 6,636,331.23 |
| 11 | Cost Non-Res Base Allocation | 55\% | Non-Res Revenue Requirement |  | \$ | 8,111,071.51 |
| 12 | Operational Savings Credit |  | Operation Savings Credit |  | \$ | $(2,099,000)$ |
| 13 | Operational Savings Residential Allocation | 60\% | Residential Revenue Requirement |  |  | $(1,259,400)$ |
| 14 | Operational Savings Non-Res Base Allocation | 40\% | Non-Res Revenue Requirement |  |  | $(839,600)$ |
| 15 | Total Residential Allocation |  | Total Residential Revenue Requirement |  |  | 5,376,931 |
| 16 | Total Non-Residential Allocation |  | Total Non-Res Revenue Requirement |  |  | 7,271,472 |
|  |  | 3rd Quarter 2021 Filing | Quarterly Collection | 2020 |  |  |
| 17 |  |  | Residential Customers | 1,306,552 | \$ | 1.37 |
| 18 |  |  | Non-Residential Customers | 195,019 | \$ | 12.43 |

P.U.C.O. NO. 20
gridSMART PHASE 2 RIDER

Effective with the first billing cycle of December 2021, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the monthly gridSMART Phase 2 charge. This rider shall be adjusted periodically to recover amounts authorized by the Commission. This Rider is subject to reconciliation, including, but not limited to, refunds to customers, based upon the impact to the carrying charge rate recovered through this Rider of changes in Federal corporate income taxes due to the Tax Cuts and Jobs Act of 2017 or based upon the results of audits ordered by the Commission in accordance with the February 1, 2017 Opinion and Order in Case No. 13-1939-EL-RDR.

Residential Customers \$1.37
Non-Residential
\$12.43

```
                            P.U.C.O. NO. }2
OAD - gridSMART PHASE 2 RIDER (Open Access Distribution - gridSMART Phase 2 Rider)
```

Effective with the first billing cycle of December 2021, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the monthly gridSMART Phase 2 charge. This rider shall be adjusted periodically to recover amounts authorized by the Commission. This Rider is subject to reconciliation, including, but not limited to, refunds to customers, based upon the impact to the carrying charge rate recovered through this Rider of changes in Federal corporate income taxes due to the Tax Cuts and Jobs Act of 2017 or based upon the results of audits ordered by the Commission in accordance with the February 1, 2017 Opinion and Order in Case No. 13-1939-EL-RDR.

Residential Customers
$\$ 1.37$
Non-Residential
$\$ 12.43$

Workpaper 1
Page 1 of 17
gridSMART Phase 2 NBV


Workpaper 1
Page 2 of 17


Workpaper 1
Page 3 of 17
gridSMART Phase 2 NBV
Depreciation Tables

| Station Equipment - Account 36245 Year Life |  |  |  |  | Annual Depreciation Expense | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{gathered} \text { Depreciation } \\ \text { Reserve } \\ \hline \end{gathered}$ | Accumulated Depreciation |  |  |  |  |  |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  |  |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - |  | - |
| \$0.00 | - | - | \$0.00 | - | \$0.00 | - | - |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - |  |  |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$503,049.09 | 503,049.09 | 499,959.66 | \$3,089.43 | 3,089.43 |  | 3,837.19 | 1,035.44 | 1,270.73 | 6,143.36 |
| \$126,232.08 | 629,281.17 | 624,930.92 | \$1,260.82 | 4,350.25 |  | 4,796.34 | 1,295.27 | 1,588.37 | 13,823.35 |
| \$589,364.93 | 1,218,646.10 | 1,209,279.93 | \$5,015.92 | 9,366.17 |  | 9,281.22 | 2,508.38 | 3,073.59 | 28,686.54 |
| \$474,964.87 | 1,693,610.97 | 1,679,284.07 | \$4,960.73 | 14,326.90 |  | 12,888.51 | 3,486.02 | 4,268.18 | 49,329.24 |
| \$3,044,257.65 | 4,737,868.62 | 4,694,124.28 | \$29,417.44 | 43,744.34 | \$43,744.34 | 36,027.40 | 9,752.11 | 11,930.90 | 107,039.65 |
| (\$32,095.68) | 4,705,772.94 | 4,655,060.41 | \$6,968.19 | 50,712.53 |  | 35,727.59 | 9,686.05 | 11,831.61 | 57,245.25 |
| (\$137,870.58) | 4,567,902.36 | 4,511,612.00 | \$5,577.83 | 56,290.36 |  | 34,626.62 | 9,402.27 | 11,467.01 | 112,741.15 |
| \$1,340,550.96 | 5,908,453.32 | 5,840,500.21 | \$11,662.75 | 67,953.11 |  | 44,825.84 | 12,161.57 | 14,844.60 | 184,573.16 |
| \$661,756.13 | 6,570,209.45 | 6,491,532.05 | \$10,724.29 | 78,677.40 |  | 49,822.51 | 13,523.68 | 16,499.31 | 264,418.66 |
| \$339,422.36 | 6,909,631.81 | 6,820,677.72 | \$10,276.69 | 88,954.09 |  | 52,348.70 | 14,222.33 | 17,335.89 | 348,325.58 |
| \$993,041.12 | 7,902,672.93 | 7,799,937.02 | \$13,781.82 | 102,735.91 |  | 59,864.52 | 16,266.34 | 19,824.84 | 444,281.27 |
| \$455,932.64 | 8,358,605.57 | 8,244,783.41 | \$11,086.25 | 113,822.16 |  | 63,278.71 | 17,204.80 | 20,955.49 | 545,720.27 |
| (\$80,168.84) | 8,278,436.73 | 8,156,932.11 | \$7,682.46 | 121,504.62 |  | 62,604.45 | 17,039.78 | 20,732.20 | 646,096.71 |
| \$879,459.88 | 9,157,896.61 | 9,020,256.41 | \$16,135.58 | 137,640.20 |  | 69,230.47 | 18,850.00 | 22,926.49 | 757,103.67 |
| \$1,377,371.96 | 10,535,268.57 | 10,376,353.15 | \$21,275.22 | 158,915.42 |  | 79,638.51 | 21,685.09 | 26,373.23 | 884,800.50 |
| \$7,061,545.57 | 17,596,814.14 | 17,366,542.32 | \$71,356.40 | 230,271.82 |  | 133,288.21 | 36,220.11 | 44,139.96 | 1,098,448.78 |
| \$3,282,282.06 | 20,879,096.20 | 20,601,402.55 | \$47,421.83 | 277,693.65 | \$233,949.31 | 158,115.76 | 42,976.14 | 52,361.90 | 1,351,902.59 |
| \$1,117,079.79 | 21,996,175.99 | 21,676,152.04 | \$42,330.30 | 320,023.95 |  | 166,364.47 | 45,275.46 | 55,093.55 | 266,733.48 |
| \$754,421.60 | 22,750,597.59 | 22,389,069.64 | \$41,504.00 | 361,527.95 |  | 171,836.11 | 46,828.31 | 56,905.55 | 542,303.46 |
| \$2,687,946.49 | 25,438,544.08 | 25,037,712.87 | \$39,303.26 | 400,831.21 |  | 192,164.45 | 52,361.00 | 63,637.52 | 850,466.43 |
| \$617,167.03 | 26,055,711.11 | 25,615,106.10 | \$39,773.80 | 440,605.01 |  | 196,595.94 | 53,631.34 | 65,105.06 | 1,165,798.77 |
| \$2,403,626.92 | 28,459,338.03 | 27,972,616.10 | \$46,116.92 | 486,721.93 |  | 214,689.83 | 58,578.80 | 71,097.07 | 1,510,164.46 |
| \$266,770.38 | 28,726,108.41 | 28,199,142.04 | \$40,244.44 | 526,966.37 |  | 216,428.42 | 59,127.91 | 71,672.82 | 1,857,393.61 |
| \$391,397.92 | 29,117,506.33 | 28,549,245.04 | \$41,294.92 | 568,261.29 |  | 219,115.46 | 59,933.53 | 72,562.66 | 2,209,005.26 |
| \$103,194.70 | 29,220,701.03 | 28,612,485.19 | \$39,954.55 | 608,215.84 |  | 219,600.82 | 60,145.94 | 72,723.40 | 2,561,475.43 |
| \$785,961.25 | 30,006,662.28 | 29,353,609.60 | \$44,836.84 | 653,052.68 |  | 225,288.95 | 61,763.71 | 74,607.09 | 2,923,135.18 |
| \$274,798.91 | 30,281,461.19 | 29,586,218.15 | \$42,190.36 | 695,243.04 |  | 227,074.22 | 62,329.34 | 75,198.30 | 3,287,737.05 |
| \$19,100.47 | 30,300,561.66 | 29,564,915.91 | \$40,402.71 | 735,645.75 |  | 226,910.73 | 62,368.66 | 75,144.16 | 3,652,160.60 |
| \$917,506.17 | 31,218,067.83 | 30,434,601.67 | \$47,820.41 | 783,466.16 | \$505,772.51 | 233,585.57 | 64,257.19 | 77,354.61 | 4,027,357.97 |
| \$1,811,770.03 | 33,029,837.86 | 32,193,084.31 | \$53,287.39 | 836,753.55 |  | 247,081.92 | 67,986.42 | 81,824.09 | 396,892.43 |
| \$1,454,102.43 | 34,483,940.29 | 33,595,140.29 | \$52,046.45 | 888,800.00 |  | 257,842.70 | 70,979.44 | 85,387.65 | 811,102.22 |
| \$165,267.52 | 34,649,207.81 | 33,709,708.90 | \$50,698.91 | 939,498.91 |  | 258,722.02 | 71,319.62 | 85,678.84 | 1,226,822.70 |
| \$19,020.65 | 34,668,228.46 | 33,678,000.09 | \$50,729.46 | 990,228.37 |  | 258,478.65 | 71,358.77 | 85,598.25 | 1,642,258.37 |
| \$4,724.42 | 34,672,952.88 | 33,632,147.83 | \$50,576.68 | 1,040,805.05 |  | 258,126.73 | 71,368.49 | 85,481.71 | 2,057,235.31 |
| ( $\$ 39,536.42$ ) | 34,633,416.46 | 33,543,600.07 | \$49,011.34 | 1,089,816.39 |  | 257,447.13 | 71,287.12 | 85,256.65 | 2,471,226.21 |
| \$1,858,062.90 | 36,491,479.36 | 35,341,475.86 | \$60,187.11 | 1,150,003.50 |  | 271,245.83 | 75,111.63 | 89,826.25 | 2,907,409.91 |
| \$362.70 | 36,491,842.06 | 35,289,539.17 | \$52,299.39 | 1,202,302.89 |  | 250,429.10 | 69,636.51 | 82,932.55 | 3,310,408.06 |
| - | - |  | - |  |  | - | - |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | \$418,836.73 | - | - | - | 3,310,408.06 |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - |  | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |

gridSMART Phase 2 NBV Depreciation Tables
May
June
July
June
July
August
September
September
October
October
November
November
December
December
January
February
February
March
March
April
April
May
June
May
June
July
August
August
September
October
November
December
Decemb
2019
March
April
April
May
June
May
June
July
June
July
August
August
October
November
Decembe
January
February
February
March
March
April
April
May
June
June
July
Augus
August
October
November
December
Decembe
January
February
February
March

| April |
| :--- |
| May |

    May
    June
July
August
September
September
November
December
January
February
March
March
April
May
June
May
June
June
July
August
September
September
October
November
December
January
February
February
March
April
May
May
June
June
July
August
September
October
November

|  | Station Equipm | t gridSMART45 Year Life | Account 362.16 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{gathered} \text { Depreciation } \\ \text { Reserve } \\ \hline \end{gathered}$ | Accumulated Depreciation | Annual Depreciation Expense | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - | \$0.00 | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - |  |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$72,423.59 | $72,423.59$ | 71,995.28 | \$428.31 | 428.31 |  | 552.56 | 149.07 | 182.99 | 884.62 |
| \$18,173.53 | 90,597.12 | 89,976.39 | \$192.42 | 620.73 |  | 690.57 | 186.48 | 228.69 | 1,990.36 |
| \$61,920.51 | 152,517.63 | 151,343.65 | \$553.25 | 1,173.98 |  | 1,161.56 | 313.93 | 384.67 | 3,850.52 |
| \$61,949.60 | 214,467.23 | 212,638.30 | \$654.95 | 1,828.93 |  | 1,632.00 | 441.45 | 540.46 | 6,464.42 |
| \$779,339.39 | 993,806.62 | 987,843.22 | \$4,134.47 | 5,963.40 | \$5,963.40 | 7,581.70 | 2,045.59 | 2,510.77 | 18,602.47 |
| \$679.15 | 994,485.77 | 986,703.85 | \$1,818.52 | 7,781.92 |  | 7,572.95 | 2,046.98 | 2,507.87 | 12,127.81 |
| (\$24,224.33) | 970,261.44 | 960,752.79 | \$1,726.73 | 9,508.65 |  | 7,373.78 | 1,997.12 | 2,441.91 | 23,940.62 |
| \$95,757.92 | 1,066,019.36 | 1,054,030.35 | \$2,480.36 | 11,989.01 |  | 8,089.68 | 2,194.22 | 2,678.99 | 36,903.52 |
| \$74,231.81 | 1,140,251.17 | 1,126,551.80 | \$1,710.36 | 13,699.37 |  | 8,646.29 | 2,347.02 | 2,863.32 | 50,760.14 |
| \$43,807.35 | 1,184,058.52 | 1,167,935.79 | \$2,423.36 | 16,122.73 |  | 8,963.91 | 2,437.19 | 2,968.50 | 65,129.74 |
| \$104,553.28 | 1,288,611.80 | 1,270,214.97 | \$2,274.10 | 18,396.83 |  | 9,748.90 | 2,652.39 | 3,228.46 | 80,759.49 |
| \$326,741.94 | 1,615,353.74 | 1,594,063.32 | \$2,893.59 | 21,290.42 |  | 12,234.44 | 3,324.94 | 4,051.58 | 100,370.44 |
| (\$5,624.38) | 1,609,729.36 | 1,586,112.40 | \$2,326.54 | 23,616.96 |  | 12,173.41 | 3,313.36 | 4,031.37 | 119,888.59 |
| \$321,681.48 | 1,931,410.84 | 1,903,354.53 | \$4,439.35 | 28,056.31 |  | 14,608.25 | 3,975.49 | 4,837.69 | 143,310.01 |
| \$277,104.84 | 2,208,515.68 | 2,175,646.52 | \$4,812.85 | 32,869.16 |  | 16,698.09 | 4,545.86 | 5,529.77 | 170,083.73 |
| \$1,726,991.89 | 3,935,507.57 | 3,891,151.16 | \$11,487.25 | 44,356.41 |  | 29,864.59 | 8,100.59 | 9,890.01 | 217,938.91 |
| \$805,484.07 | 4,740,991.64 | 4,686,197.38 | \$10,437.85 | 54,794.26 | \$48,830.86 | 35,966.56 | 9,758.54 | 11,910.75 | 275,574.77 |
| \$222,215.01 | 4,963,206.65 | 4,897,806.84 | \$10,605.55 | 65,399.81 |  | 37,590.67 | 10,215.93 | 12,448.59 | 60,255.19 |
| \$184,334.96 | 5,147,541.61 | 5,071,539.91 | \$10,601.89 | 76,001.70 |  | 38,924.07 | 10,595.36 | 12,890.16 | 122,664.78 |
| \$364,138.83 | 5,511,680.44 | 5,426,199.61 | \$9,479.13 | 85,480.83 |  | 41,646.08 | 11,344.88 | 13,791.59 | 189,447.33 |
| \$859,395.64 | 6,371,076.08 | 6,273,477.24 | \$12,118.01 | 97,598.84 |  | 48,148.94 | 13,113.80 | 15,945.09 | 266,655.16 |
| \$1,086,815.64 | 7,457,891.72 | 7,346,217.60 | \$14,075.28 | 111,674.12 |  | 56,382.22 | 15,350.83 | 18,671.64 | 357,059.84 |
| \$128,014.26 | 7,585,905.98 | 7,460,166.83 | \$14,065.03 | 125,739.15 |  | 57,256.78 | 15,614.32 | 18,961.26 | 448,892.20 |
| \$46,809.52 | 7,632,715.50 | 7,493,585.67 | \$13,390.68 | 139,129.83 |  | 57,513.27 | 15,710.67 | 19,046.20 | 541,162.34 |
| \$15,639.38 | 7,648,354.88 | 7,495,228.47 | \$13,996.58 | 153,126.41 |  | 57,525.88 | 15,742.86 | 19,050.37 | 633,481.45 |
| \$379,817.07 | 8,028,171.95 | 7,859,722.15 | \$15,323.39 | 168,449.80 |  | 60,323.37 | 16,524.65 | 19,976.79 | 730,306.27 |
| \$552,592.60 | 8,580,764.55 | 8,395,307.57 | \$17,007.18 | 185,456.98 |  | 64,433.99 | 17,662.07 | 21,338.07 | 833,740.40 |
| \$6,250.92 | 8,587,015.47 | 8,386,279.53 | \$15,278.96 | 200,735.94 |  | 64,364.70 | 17,674.94 | 21,315.13 | 937,095.16 |
| \$94,065.20 | 8,681,080.67 | 8,463,343.66 | \$17,001.07 | 217,737.01 | \$162,942.75 | 64,956.16 | 17,868.56 | 21,511.00 | 1,041,430.88 |
| \$240,086.24 | 8,921,166.91 | 8,686,715.68 | \$16,714.22 | 234,451.23 |  | 66,670.54 | 18,362.74 | 22,078.74 | 107,112.01 |
| \$102,187.21 | 9,023,354.12 | 8,772,152.03 | \$16,750.86 | 251,202.09 |  | 67,326.27 | 18,573.07 | 22,295.89 | 215,307.24 |
| \$12,109.53 | 9,035,463.65 | 8,764,868.00 | \$19,393.56 | 270,595.65 |  | 67,270.36 | 18,598.00 | 22,277.37 | 323,452.97 |
| \$1,184.14 | 9,036,647.79 | 8,748,441.16 | \$17,610.98 | 288,206.63 |  | 67,144.29 | 18,600.43 | 22,235.62 | 431,433.31 |
| \$327.46 | 9,036,975.25 | 8,733,341.35 | \$15,427.27 | 303,633.90 |  | 67,028.39 | 18,601.11 | 22,197.24 | 539,260.05 |
| \$118.43 | 9,037,093.68 | 8,711,095.27 | \$22,364.51 | 325,998.41 |  | 66,857.66 | 18,601.35 | 22,140.70 | 646,859.76 |
| \$90,955.12 | 9,128,048.80 | 8,783,210.18 | \$18,840.21 | 344,838.62 |  | 67,411.14 | 18,788.57 | 22,323.99 | 755,383.46 |
| \$22.84 | 9,128,071.64 | 8,764,877.85 | \$18,355.17 | 363,193.79 |  | 64,014.55 | 17,915.43 | 21,199.17 | 858,512.61 |
| - | - | - | - | - |  | - | - |  |  |
| - | - | - | - | - |  | - | - |  |  |
| - | - | - | - | - | \$145,456.78 | - | - | - |  |
| - | - | - | - | - | \$15,456.78 | - | - | - | 8 |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | $-$ | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |

Workpaper 1
Page 5 of 17


Workpaper 1
Page 6 of 17
gridSMART Phase 2 NBV
Depreciation Tables

| Overhead Conductors, Devices - Account 365 32 Year Life |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross <br> Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{aligned} & \text { Depreciation } \\ & \text { Reserve } \end{aligned}$ | Accumulated Depreciation | Annual Depreciation Expense | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - | \$0.00 | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$816.71 | 816.71 | 811.88 | \$4.83 | 4.83 |  | 6.23 | 2.47 | 2.06 | 10.77 |
| \$83.94 | 900.65 | 893.70 | \$2.12 | 6.95 |  | 6.86 | 2.72 | 2.27 | 22.62 |
| \$2.42 | 903.07 | 894.97 | \$1.15 | 8.10 |  | 6.87 | 2.73 | 2.27 | 34.50 |
| \$96,671.09 | 97,574.16 | 96,572.90 | \$993.16 | 1,001.26 |  | 741.20 | 295.16 | 245.46 | 1,316.31 |
| \$18,445.55 | 116,019.71 | 114,680.65 | \$337.80 | 1,339.06 |  | 880.17 | 350.96 | 291.48 | 2,838.92 |
| \$16,619.47 | 132,639.18 | 130,938.78 | \$361.34 | 1,700.40 |  | 1,004.96 | 401.23 | 332.80 | 4,577.92 |
| \$153,030.51 | 285,669.69 | 281,641.94 | \$2,327.35 | 4,027.75 |  | 2,161.60 | 864.15 | 715.84 | 8,319.51 |
| \$61,013.35 | 346,683.04 | 341,351.01 | \$1,304.28 | 5,332.03 | \$5,332.03 | 2,619.87 | 1,048.72 | 867.60 | 12,855.69 |
| \$34,573.53 | 381,256.57 | 374,528.69 | \$1,395.85 | 6,727.88 |  | 2,874.51 | 1,153.30 | 951.93 | 4,979.74 |
| \$10,651.76 | 391,908.33 | 384,212.31 | \$968.14 | 7,696.02 |  | 2,948.83 | 1,185.52 | 976.54 | 10,090.63 |
| \$428,103.30 | 820,011.63 | 809,076.07 | \$3,239.54 | 10,935.56 |  | 6,209.66 | 2,480.54 | 2,056.40 | 20,837.22 |
| \$394,751.41 | 1,214,763.04 | 1,199,440.17 | \$4,387.31 | 15,322.87 |  | 9,205.70 | 3,674.66 | 3,048.58 | 36,766.16 |
| \$118,100.93 | 1,332,863.97 | 1,314,668.50 | \$2,872.60 | 18,195.47 |  | 10,090.08 | 4,031.91 | 3,341.45 | 54,229.61 |
| \$55,464.61 | 1,388,328.58 | 1,367,443.36 | \$2,689.75 | 20,885.22 |  | 10,495.13 | 4,199.69 | 3,475.59 | 72,400.01 |
| \$41,122.38 | 1,429,450.96 | 1,405,576.47 | \$2,989.27 | 23,874.49 |  | 10,787.80 | 4,324.09 | 3,572.51 | 91,084.41 |
| \$36,017.69 | 1,465,468.65 | 1,438,453.93 | \$3,140.23 | 27,014.72 |  | 11,040.13 | 4,433.04 | 3,656.07 | 110,213.65 |
| (\$70,620.74) | 1,394,847.91 | 1,368,639.01 | (\$805.82) | 26,208.90 |  | 10,504.30 | 4,219.41 | 3,478.62 | 128,416.00 |
| \$20,625.14 | 1,415,473.05 | 1,386,794.68 | \$2,469.47 | 28,678.37 |  | 10,643.65 | 4,281.81 | 3,524.77 | 146,866.22 |
| \$46,533.98 | 1,462,007.03 | 1,430,443.23 | \$2,885.43 | 31,563.80 |  | 10,978.65 | 4,422.57 | 3,635.71 | 165,903.16 |
| \$363,383.51 | 1,825,390.54 | 1,785,773.94 | \$8,052.80 | 39,616.60 | \$34,284.57 | 13,705.81 | 5,521.81 | 4,538.84 | 189,669.62 |
| \$156,727.87 | 1,982,118.41 | 1,936,931.91 | \$5,569.90 | 45,186.50 |  | 14,865.95 | 5,995.91 | 4,923.04 | 25,784.90 |
| \$125,085.32 | 2,107,203.73 | 2,057,221.17 | \$4,796.06 | 49,982.56 |  | 15,789.17 | 6,374.29 | 5,228.77 | 53,177.13 |
| \$322,326.94 | 2,429,530.67 | 2,372,554.08 | \$6,994.03 | 56,976.59 |  | 18,209.35 | 7,349.33 | 6,030.24 | 84,766.05 |
| \$658,501.30 | 3,088,031.97 | 3,022,454.20 | \$8,601.18 | 65,577.77 |  | 23,197.34 | 9,341.30 | 7,682.07 | 124,986.76 |
| \$276,723.09 | 3,364,755.06 | 3,291,564.41 | \$7,612.88 | 73,190.65 |  | 25,262.76 | 10,178.38 | 8,366.06 | 168,793.96 |
| \$400,706.10 | 3,765,461.16 | 3,682,391.23 | \$9,879.28 | 83,069.93 |  | 28,262.35 | 11,390.52 | 9,359.41 | 217,806.24 |
| \$251,895.02 | 4,017,356.18 | 3,923,477.03 | \$10,809.22 | 93,879.15 |  | 30,112.69 | 12,152.50 | 9,972.17 | 270,043.60 |
| \$1,072,989.88 | 5,090,346.06 | 4,978,101.95 | \$18,364.96 | 112,244.11 |  | 38,206.93 | 15,398.30 | 12,652.68 | 336,301.51 |
| \$1,939,154.23 | 7,029,500.29 | 6,885,292.19 | \$31,963.99 | 144,208.10 |  | 52,844.62 | 21,264.24 | 17,500.12 | 427,910.48 |
| \$1,748,557.37 | 8,778,057.66 | 8,599,100.72 | \$34,748.84 | 178,956.94 |  | 65,998.10 | 26,553.62 | 21,856.05 | 542,318.25 |
| \$2,194,168.27 | 10,972,225.93 | 10,748,770.30 | \$44,498.69 | 223,455.63 |  | 82,496.81 | 33,190.98 | 27,319.79 | 685,325.84 |
| \$4,519,595.99 | 15,491,821.92 | 15,181,853.95 | \$86,512.34 | 309,967.97 | \$270,351.37 | 116,520.73 | 46,862.76 | 38,587.21 | 887,296.54 |
| \$3,466,632.59 | 18,958,454.51 | 18,576,503.54 | \$71,983.00 | 381,950.97 |  | 142,574.66 | 57,349.32 | 47,215.28 | 247,139.27 |
| \$1,887,343.91 | 20,845,798.42 | 20,391,419.26 | \$72,428.19 | 454,379.16 |  | 156,504.14 | 63,058.54 | 51,828.19 | 518,530.14 |
| \$3,663,635.19 | 24,509,433.61 | 23,987,160.85 | \$67,893.60 | 522,272.76 |  | 184,101.46 | 74,141.04 | 60,967.37 | 837,740.01 |
| \$2,514,538.81 | 27,023,972.42 | 26,435,202.19 | \$66,497.47 | 588,770.23 |  | 202,890.18 | 81,747.52 | 67,189.47 | 1,189,567.17 |
| \$3,627,163.11 | 30,651,135.53 | 29,984,068.44 | \$78,296.86 | 667,067.09 |  | 230,127.73 | 92,719.68 | 76,209.51 | 1,588,624.09 |
| \$2,632,098.08 | 33,283,233.61 | 32,534,406.60 | \$81,759.92 | 748,827.01 |  | 249,701.57 | 100,681.78 | 82,691.62 | 2,021,699.06 |
| \$4,783,135.61 | 38,066,369.22 | 37,211,990.01 | \$105,552.20 | 854,379.21 |  | 285,602.02 | 115,150.77 | 94,580.47 | 2,517,032.32 |
| \$2,622,773.99 | 40,689,143.21 | 39,730,824.51 | \$103,939.49 | 958,318.70 |  | 304,934.08 | 123,084.66 | 100,982.51 | 3,046,033.57 |
| - | - | - | - | - |  | - |  |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | \$648,350.73 | - | - | - |  |
| - | - | - | - | - |  |  |  |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | : | - | - | - |  | $:$ | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - |  |

Workpaper 1
Page 7 of 17




Workpaper 1
Page 10 of 17

## gridSMART Phase 2 NB

Depreciation Tables

| Services - Account 369 41 Year Life |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{gathered} \text { Depreciation } \\ \text { Reserve } \end{gathered}$ | Accumulated Depreciation | Annual Depreciation Expense | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - | \$0.00 | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - |  | - |  |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | - |  | - | - | - | - |
| \$147.20 | \$147.20 | \$146.45 | \$0.75 | 0.75 |  | 1.12 | 0.40 | 0.37 | 1.90 |
| \$392.28 | \$539.48 | \$536.27 | \$2.46 | 3.21 |  | 4.12 | 1.47 | 1.36 | 8.85 |
| \$47.73 | \$587.21 | \$583.22 | \$0.78 | 3.99 |  | 4.48 | 1.60 | 1.48 | 16.41 |
| \$0.00 | \$587.21 | \$582.72 | \$0.50 | 4.49 |  | 4.47 | 1.60 | 1.48 | 23.96 |
| \$0.00 | \$587.21 | \$582.21 | \$0.51 | 5.00 |  | 4.47 | 1.60 | 1.48 | 31.51 |
| \$0.00 | \$587.21 | \$581.71 | \$0.50 | 5.50 |  | 4.46 | 1.60 | 1.48 | 39.05 |
| \$0.00 | \$587.21 | \$581.21 | \$0.50 | 6.00 | \$6.00 | 4.46 | 1.60 | 1.48 | 46.59 |
| \$0.00 | \$587.21 | \$580.21 | \$1.00 | 7.00 |  | 4.45 | 1.60 | 1.47 | 7.53 |
| \$0.00 | \$587.21 | \$579.20 | \$1.01 | 8.01 |  | 4.45 | 1.60 | 1.47 | 15.05 |
| \$0.00 | \$587.21 | \$578.19 | \$1.01 | 9.02 |  | 4.44 | 1.60 | 1.47 | 22.55 |
| \$0.00 | \$587.21 | \$577.18 | \$1.01 | 10.03 |  | 4.43 | 1.60 | 1.47 | 30.05 |
| \$0.00 | \$587.21 | \$576.17 | \$1.01 | 11.04 |  | 4.42 | 1.60 | 1.46 | 37.54 |
| \$0.00 | \$587.21 | \$575.16 | \$1.01 | 12.05 |  | 4.41 | 1.60 | 1.46 | 45.01 |
| \$0.00 | \$587.21 | \$574.14 | \$1.02 | 13.07 |  | 4.41 | 1.60 | 1.46 | 52.48 |
| \$0.00 | \$587.21 | \$573.13 | \$1.01 | 14.08 |  | 4.40 | 1.60 | 1.46 | 59.93 |
| \$0.00 | \$587.21 | \$572.11 | \$1.02 | 15.10 |  | 4.39 | 1.60 | 1.45 | 67.38 |
| \$0.00 | \$587.21 | \$571.09 | \$1.02 | 16.12 |  | 4.38 | 1.60 | 1.45 | 74.81 |
| \$61.38 | \$648.59 | \$630.88 | \$1.59 | 17.71 |  | 4.84 | 1.77 | 1.60 | 83.03 |
| \$304.25 | \$952.84 | \$930.95 | \$4.18 | 21.89 | \$15.89 | 7.15 | 2.60 | 2.37 | 95.14 |
| \$44.47 | \$997.31 | \$973.24 | \$2.18 | 24.07 |  | 7.47 | 2.72 | 2.47 | 12.66 |
| \$0.00 | \$997.31 | \$971.52 | \$1.72 | 25.79 |  | 7.46 | 2.72 | 2.47 | 25.30 |
| \$4.45 | \$1,001.76 | \$974.18 | \$1.79 | 27.58 |  | 7.48 | 2.73 | 2.48 | 37.99 |
| \$503.73 | \$1,505.49 | \$1,470.34 | \$7.57 | 35.15 |  | 11.28 | 4.10 | 3.74 | 57.11 |
| \$3,710.84 | \$5,216.33 | \$5,161.82 | \$19.36 | 54.51 |  | 39.62 | 14.21 | 13.12 | 124.06 |
| \$159.21 | \$5,375.54 | \$5,314.21 | \$6.82 | 61.33 |  | 40.79 | 14.65 | 13.51 | 193.00 |
| \$4,690.69 | \$10,066.23 | \$9,933.73 | \$71.17 | 132.50 |  | 76.24 | 27.43 | 25.25 | 321.92 |
| \$2,172.79 | \$12,239.02 | \$12,045.68 | \$60.84 | 193.34 |  | 92.45 | 33.35 | 30.62 | 478.34 |
| \$9,810.92 | \$22,049.94 | \$21,761.12 | \$95.48 | 288.82 |  | 167.02 | 60.09 | 55.31 | 760.75 |
| \$959.66 | \$23,009.60 | \$22,688.56 | \$32.22 | 321.04 |  | 174.13 | 62.70 | 57.67 | 1,055.26 |
| \$12,227.35 | \$35,236.95 | \$34,776.66 | \$139.25 | 460.29 |  | 266.91 | 96.02 | 88.39 | 1,506.58 |
| \$10,349.68 | \$45,586.63 | \$44,985.42 | \$140.92 | 601.21 | \$579.32 | 345.26 | 124.22 | 114.34 | 2,090.40 |
| \$11,262.77 | \$56,849.40 | \$56,122.04 | \$126.15 | 727.36 |  | 430.74 | 154.91 | 142.64 | 728.29 |
| \$4,062.49 | \$60,911.89 | \$60,063.32 | \$121.21 | 848.57 |  | 460.99 | 165.98 | 152.66 | 1,507.93 |
| \$2,150.78 | \$63,062.67 | \$62,107.60 | \$106.50 | 955.07 |  | 476.68 | 171.85 | 157.86 | 2,314.31 |
| \$3,748.46 | \$66,811.13 | \$65,739.84 | \$116.22 | 1,071.29 |  | 504.55 | 182.06 | 167.09 | 3,168.01 |
| \$6,699.90 | \$73,511.03 | \$72,300.41 | \$139.33 | 1,210.62 |  | 554.91 | 200.32 | 183.76 | 4,106.99 |
| \$4,516.14 | \$78,027.17 | \$76,662.65 | \$153.90 | 1,364.52 |  | 588.39 | 212.62 | 194.85 | 5,102.85 |
| \$7,020.74 | \$85,047.91 | \$83,489.08 | \$194.31 | 1,558.83 |  | 640.78 | 231.76 | 212.20 | 6,187.59 |
| \$6,670.27 | \$91,718.18 | \$89,955.45 | \$203.90 | 1,762.73 |  | 690.41 | 249.93 | 228.64 | 7,356.57 |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | \$1,161.52 | - | - | - | 7,356.57 |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |

Workpaper 1
Page 11 of 17
gridSMART Phase 2 NBV
Depreciation Tables

| Meters - Account 370 27 Year Life |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{gathered} \text { Depreciation } \\ \text { Reserve } \end{gathered}$ | Accumulated Depreciation | Annual Depreciation Expense | $\begin{gathered} \begin{array}{c} \text { Return } \\ \text { Carrying } \\ \text { Charge Rate } \end{array} \\ \hline \end{gathered}$ | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 |  |  |  |  |  | Charg |
| \$0.00 | \$0.00 | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | \$0.00 | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - |  | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - | \$0.00 | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - |  | - |  |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | - |  | - | - | - |  |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | - |  | - | - | - | - |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | - |  | - | - | - | - |
| \$7,193.40 | \$7,193.40 | \$7,101.69 | \$91.71 | 91.71 |  | 54.51 | 24.40 | 18.05 | 96.95 |
| \$902.47 | \$8,095.87 | \$8,100.34 | (\$96.18) | (4.47) |  | 62.17 | 27.46 | 20.59 | 207.17 |
| \$583.43 | \$8,679.30 | \$8,696.67 | (\$12.90) | (17.37) |  | 66.75 | 29.44 | 22.10 | 325.46 |
| \$591.88 | \$9,271.18 | \$9,301.06 | (\$12.51) | (29.88) |  | 71.39 | 31.44 | 23.64 | 451.93 |
| (\$1,286.23) | \$7,984.95 | \$8,021.92 | (\$7.09) | (36.97) | (\$36.97) | 61.57 | 27.08 | 20.39 | 560.97 |
| \$2,325.11 | \$10,310.06 | \$10,381.21 | (\$34.18) | (71.15) |  | 79.68 | 34.97 | 26.39 | 141.03 |
| \$1,956.06 | \$12,266.12 | \$12,402.08 | (\$64.81) | (135.96) |  | 95.19 | 41.60 | 31.52 | 309.34 |
| \$1,153.30 | \$13,419.42 | \$13,614.20 | (\$58.82) | (194.78) |  | 104.49 | 45.51 | 34.60 | 493.95 |
| \$2,071.35 | \$15,490.77 | \$15,746.79 | (\$61.24) | (256.02) |  | 120.86 | 52.54 | 40.02 | 707.37 |
| \$19,195.44 | \$34,686.21 | \$35,101.54 | (\$159.31) | (415.33) |  | 269.40 | 117.64 | 89.22 | 1,183.63 |
| \$2,775.05 | \$37,461.26 | \$38,031.41 | (\$154.82) | (570.15) |  | 291.89 | 127.06 | 96.66 | 1,699.24 |
| \$5,901.00 | \$43,362.26 | \$44,189.71 | (\$257.30) | (827.45) |  | 339.16 | 147.07 | 112.32 | 2,297.78 |
| \$7,742.16 | \$51,104.42 | \$52,330.33 | (\$398.46) | $(1,225.91)$ |  | 401.64 | 173.33 | 133.01 | 3,005.75 |
| \$474.17 | \$51,578.59 | \$53,076.59 | (\$272.09) | $(1,498.00)$ |  | 407.36 | 174.94 | 134.90 | 3,722.96 |
| \$13.80 | \$51,592.39 | \$53,267.88 | (\$177.49) | $(1,675.49)$ |  | 408.83 | 174.98 | 135.39 | 4,442.16 |
| \$1,053.12 | \$52,645.51 | \$54,349.99 | (\$28.99) | $(1,704.48)$ |  | 417.14 | 178.56 | 138.14 | 5,175.99 |
| \$3,034.55 | \$55,680.06 | \$57,503.38 | (\$118.84) | $(1,823.32)$ | (\$1,786.35) | 441.34 | 188.85 | 146.15 | 5,952.33 |
| \$848.72 | \$56,528.78 | \$58,497.01 | (\$144.91) | $(1,968.23)$ |  | 448.96 | 191.73 | 148.68 | 789.37 |
| \$248.76 | \$56,777.54 | \$59,014.34 | (\$268.57) | $(2,236.80)$ |  | 452.94 | 192.57 | 149.99 | 1,584.87 |
| $(\$ 3,333.67)$ | \$53,443.87 | \$55,647.22 | \$33.45 | $(2,203.35)$ |  | 427.09 | 181.26 | 141.44 | 2,334.66 |
| (\$9,037.46) | \$44,406.41 | \$46,398.28 | \$211.48 | $(1,991.87)$ |  | 356.11 | 150.61 | 117.93 | 2,959.31 |
| (\$563.09) | \$43,843.32 | \$45,777.16 | \$58.03 | $(1,933.84)$ |  | 351.34 | 148.70 | 116.35 | 3,575.70 |
| \$6.02 | \$43,849.34 | \$45,521.84 | \$261.34 | $(1,672.50)$ |  | 349.38 | 148.72 | 115.70 | 4,189.51 |
| \$780.75 | \$44,630.09 | \$46,227.16 | \$75.43 | $(1,597.07)$ |  | 354.79 | 151.37 | 117.49 | 4,813.17 |
| (\$2.49) | \$44,627.60 | \$46,089.41 | \$135.26 | $(1,461.81)$ |  | 353.74 | 151.36 | 117.14 | 5,435.41 |
| \$0.00 | \$44,627.60 | \$45,939.47 | \$149.94 | $(1,311.87)$ |  | 352.59 | 151.36 | 116.76 | 6,056.12 |
| \$12,373.40 | \$57,001.00 | \$58,520.08 | (\$207.21) | $(1,519.08)$ |  | 449.14 | 193.33 | 148.74 | 6,847.33 |
| \$0.00 | \$57,001.00 | \$58,241.13 | \$278.95 | $(1,240.13)$ |  | 447.00 | 193.33 | 148.03 | 7,635.68 |
| \$0.00 | \$57,001.00 | \$57,937.97 | \$303.16 | (936.97) | \$886.35 | 444.67 | 193.33 | 147.26 | 8,420.95 |
| \$0.00 | \$57,001.00 | \$57,661.87 | \$276.10 | (660.87) |  | 442.55 | 193.33 | 146.56 | 782.44 |
| \$14,834.31 | \$71,835.31 | \$72,266.71 | \$229.47 | (431.40) |  | 554.65 | 243.64 | 183.68 | 1,764.41 |
| \$2,799.10 | \$74,634.41 | \$74,640.11 | \$425.70 | (5.70) |  | 572.86 | 253.14 | 189.71 | 2,780.11 |
| \$0.00 | \$74,634.41 | \$73,200.55 | \$1,439.56 | 1,433.86 |  | 561.81 | 253.14 | 186.05 | 3,781.12 |
| (\$307.76) | \$74,326.65 | \$71,923.38 | \$969.41 | 2,403.27 |  | 552.01 | 252.09 | 182.81 | 4,768.02 |
| (\$73.29) | \$74,253.36 | \$71,724.81 | \$125.28 | 2,528.55 |  | 550.49 | 251.84 | 182.30 | 5,752.66 |
| \$6,698.65 | \$80,952.01 | \$78,737.29 | (\$313.83) | 2,214.72 |  | 604.31 | 274.56 | 200.12 | 6,831.65 |
| (\$3,385.31) | \$77,566.70 | \$75,330.48 | \$21.50 | 2,236.22 |  | 578.16 | 263.08 | 191.46 | 7,864.36 |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | \$3,173.19 | - | - | - | 7,864.36 |
| - | - | - | - | - |  | - | - |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - |  |  |  |
| - | - | - | - | - |  | - |  |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - |  |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |

Workpaper 1
Page 12 of 17
gridSMART Phase 2 NBV
Depreciation Tables

| $\begin{gathered} \hline \text { AMI Meters - In Service - Account } 370.16 \\ 15 \text { Year Life } \end{gathered}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross <br> Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{gathered} \text { Depreciation } \\ \text { Reserve } \\ \hline \end{gathered}$ | Accumulated Depreciation | Annual Depreciation Expense | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| \$1,239.87 | 1,239.87 | 1,222.50 | \$17.37 | 17.37 |  | 10.74 | 8.47 | 3.11 | 22.32 |
| \$7,516.82 | 8,756.69 | 8,602.31 | \$137.01 | 154.38 |  | 75.56 | 59.84 | 21.86 | 179.58 |
| \$10,080,135.63 | 10,088,892.32 | 9,874,832.46 | \$213,905.48 | 214,059.86 |  | 86,733.95 | 68,940.76 | 25,098.53 | 180,952.82 |
| \$2,211,179.74 | 12,300,072.06 | 11,994,094.24 | \$91,917.96 | 305,977.82 |  | 105,348.13 | 84,050.49 | 30,484.99 | 400,836.43 |
| \$259,949.42 | 12,560,021.48 | 12,200,908.86 | \$53,134.80 | 359,112.62 |  | 107,164.65 | 85,826.81 | 31,010.64 | 624,838.53 |
| \$3,421,407.38 | 15,981,428.86 | 15,464,887.66 | \$157,428.58 | 516,541.20 |  | 135,833.26 | 109,206.43 | 39,306.59 | 909,184.82 |
| \$2,147,085.70 | 18,128,514.56 | 17,474,240.70 | \$137,732.66 | 654,273.86 |  | 153,482.08 | 123,878.18 | 44,413.70 | 1,230,958.78 |
| \$620,648.36 | 18,749,162.92 | 18,001,015.63 | \$93,873.43 | 748,147.29 |  | 158,108.92 | 128,119.28 | 45,752.58 | 1,562,939.56 |
| \$1,094,915.04 | 19,844,077.96 | 18,975,442.74 | \$120,487.93 | 868,635.22 | \$868,635.22 | 148,324.71 | 135,601.20 | 48,229.25 | 1,895,094.72 |
| \$195,189.23 | 20,039,267.19 | 19,017,621.71 | \$153,010.26 | 1,021,645.48 |  | 148,654.41 | 136,934.99 | 48,336.46 | 333,925.86 |
| \$135,871.15 | 20,175,138.34 | 18,997,019.45 | \$156,473.41 | 1,178,118.89 |  | 148,493.37 | 137,863.45 | 48,284.09 | 668,566.76 |
| \$3,647,640.00 | 23,822,778.34 | 22,449,049.13 | \$195,610.32 | 1,373,729.21 |  | 175,476.73 | 162,788.99 | 57,058.00 | 1,063,890.48 |
| \$4,832,814.65 | 28,655,592.99 | 27,028,777.23 | \$253,086.55 | 1,626,815.76 |  | 211,274.94 | 195,813.22 | 68,698.14 | 1,539,676.78 |
| \$7,575,022.16 | 36,230,615.15 | 34,278,430.95 | \$325,368.44 | 1,952,184.20 |  | 263,086.96 | 221,308.67 | 87,124.35 | 2,111,196.76 |
| \$4,839,797.68 | 41,070,412.83 | 39,034,492.70 | \$83,735.93 | 2,035,920.13 |  | 299,589.73 | 250,871.77 | 99,212.67 | 2,760,870.93 |
| \$13,396, 162.35 | 54,466,575.18 | 51,931,587.96 | \$499,067.09 | 2,534,987.22 |  | 398,574.94 | 332,700.00 | 131,992.79 | 3,624,138.65 |
| \$6,369,471.03 | 60,836,046.21 | 57,888,208.99 | \$412,850.00 | 2,947,837.22 |  | 444,292.00 | 371,606.85 | 147,132.53 | 4,587,170.04 |
| \$8,131,220.50 | 68,967,266.71 | 65,519,081.73 | \$500,347.76 | 3,448,184.98 |  | 502,858.95 | 421,275.05 | 166,527.67 | 5,677,831.71 |
| \$10,793,821.76 | 79,761,088.47 | 75,685,156.12 | \$627,747.37 | 4,075,932.35 |  | 580,883.57 | 487,207.32 | 192,366.44 | 6,938,289.04 |
| \$10,622,801.11 | 90,383,889.58 | 85,621,076.17 | \$686,881.06 | 4,762,813.41 |  | 657,141.76 | 552,094.93 | 217,620.24 | 8,365,145.96 |
| \$17,964,265.68 | 108,348,155.26 | 103,438,346.52 | \$146,995.33 | 4,909,808.74 | \$4,041,173.52 | 793,889.31 | 661,826.65 | 262,905.80 | 10,083,767.71 |
| (\$346,196.72) | 108,001,958.54 | 102,472,824.29 | \$619,325.51 | 5,529,134.25 |  | 786,478.93 | 659,711.96 | 260,451.76 | 1,706,642.65 |
| \$4,920,878.83 | 112,922,837.37 | 106,605,417.89 | \$788,285.23 | 6,317,419.48 |  | 818,196.58 | 689,770.33 | 270,955.44 | 3,485,565.00 |
| \$21,695,070.66 | 134,617,908.03 | 120,888,081.37 | \$7,412,407.18 | 13,729,826.66 |  | 927,816.02 | 822,291.05 | 307,257.21 | 5,542,929.29 |
| \$6,450,621.72 | 141,068,529.75 | 126,586,510.13 | \$752,192.96 | 14,482,019.62 |  | 971,551.47 | 861,693.60 | 321,740.71 | 7,697,915.07 |
| \$1,904,526.67 | 142,973,056.42 | 127,829,265.12 | \$661,771.68 | 15,143,791.30 |  | 981,089.61 | 873,327.09 | 324,899.38 | 9,877,231.15 |
| \$3,583,570.07 | 146,556,626.49 | 130,804,649.55 | \$608,185.64 | 15,751,976.94 |  | 1,003,925.69 | 895,216.73 | 332,461.82 | 12,108,835.38 |
| \$2,261,068.30 | 148,817,694.79 | 132,310,350.59 | \$755,367.26 | 16,507,344.20 |  | 1,015,481.94 | 909,028.09 | 336,288.81 | 14,369,634.21 |
| \$1,910,417.65 | 150,728,112.44 | 133,213,173.72 | \$1,007,594.52 | 17,514,938.72 |  | 1,022,411.11 | 920,697.55 | 338,583.48 | 16,651,326.36 |
| \$1,643,399.07 | 152,371,511.51 | 134,064,586.41 | \$791,986.38 | 18,306,925.10 |  | 1,028,945.70 | 930,735.98 | 340,747.49 | 18,951,755.53 |
| \$1,814,442.23 | 154,185,953.74 | 135,066,294.35 | \$812,734.29 | 19,119,659.39 |  | 1,036,633.81 | 941,819.20 | 343,293.50 | 21,273,502.04 |
| \$2,819,579.34 | 157,005,533.08 | 137,038,486.17 | \$847,387.52 | 19,967,046.91 |  | 1,051,770.38 | 959,042.13 | 348,306.15 | 23,632,620.70 |
| \$905,599.02 | 157,911,132.10 | 137,092,439.54 | \$851,645.65 | 20,818,692.56 | \$15,908,883.82 | 1,052,184.47 | 964,573.83 | 348,443.28 | 25,997,822.29 |
| \$869,832.07 | 158,780,964.17 | 137,141,299.09 | \$820,972.52 | 21,639,665.08 |  | 1,052,559.47 | 969,887.06 | 348,567.47 | 2,371,014.00 |
| \$1,120,002.54 | 159,900,966.71 | 137,509,540.67 | \$751,760.96 | 22,391,426.04 |  | 1,055,385.72 | 976,728.40 | 349,503.42 | 4,752,631.54 |
| \$913,014.48 | 160,813,981.19 | 137,562,871.84 | \$859,683.31 | 23,251,109.35 |  | 1,055,795.04 | 982,305.40 | 349,638.97 | 7,140,370.95 |
| \$569,560.22 | 161,383,541.41 | 137,210,895.09 | \$921,536.97 | 24,172,646.32 |  | 1,053,093.62 | 985,784.47 | 348,744.36 | 9,527,993.39 |
| \$1,048,078.16 | 162,431,619.57 | 137,355,869.09 | \$903,104.16 | 25,075,750.48 |  | 1,054,206.30 | 992,186.48 | 349,112.83 | 11,923,499.00 |
| \$425,803.97 | 162,857,423.54 | 136,920,519.19 | \$861,153.87 | 25,936,904.35 |  | 1,050,864.98 | 994,787.43 | 348,006.32 | 14,317,157.73 |
| \$547,135.30 | 163,404,558.84 | 136,646,092.71 | \$821,561.78 | 26,758,466.13 |  | 1,048,758.76 | 998,129.51 | 347,308.82 | 16,711,354.83 |
| \$512,071.64 | 163,916,630.48 | 136,331,178.71 | \$826,985.64 | 27,585,451.77 |  | 1,046,341.80 | 1,001,257.42 | 346,508.41 | 19,105,462.45 |
| \$473,306.99 | 164,389,937.47 | 135,945,577.34 | \$858,908.36 | 28,444,360.13 |  | 1,043,382.31 | 1,004,148.53 | 345,528.34 | 21,498,521.64 |
| \$1,092,913.42 | 165,482,850.89 | 136,157,348.74 | \$881,142.02 | 29,325,502.15 |  | 1,045,007.65 | 1,010,824.41 | 346,066.59 | 23,900,420.30 |
| \$86,725.22 | 165,569,576.11 | 135,359,860.13 | \$884,213.83 | 30,209,715.98 |  | 1,038,886.93 | 1,011,354.16 | 344,039.64 | 26,294,701.03 |
| \$780,866.54 | 166,350,442.65 | 135,294,672.92 | \$846,053.75 | 31,055,769.73 | \$10,237,077.17 | 1,038,386.61 | 1,016,123.95 | 343,873.96 | 28,693,085.56 |
| \$788,850.46 | 167,139,293.11 | 135,235,336.10 | \$848,187.28 | 31,903,957.01 |  | 1,037,931.20 | 1,020,942.52 | 343,723.15 | 2,402,596.87 |
| \$2,421,009.97 | 169,560,303.08 | 136,758,468.03 | \$897,878.04 | 32,801,835.05 |  | 1,049,621.24 | 1,035,730.85 | 347,594.44 | 4,835,543.40 |
| \$577,810.12 | 170,138,113.20 | 136,478,693.56 | \$857,584.59 | 33,659,419.64 |  | 1,047,473.97 | 1,039,260.31 | 346,883.35 | 7,269,161.03 |
| \$188,515.40 | 170,326,628.60 | 135,763,754.32 | \$903,454.64 | 34,562,874.28 |  | 1,041,986.81 | 1,040,411.82 | 345,066.21 | 9,696,625.87 |
| \$857,485.56 | 171,184,114.16 | 135,725,073.93 | \$896,165.95 | 35,459,040.23 |  | 1,041,689.94 | 1,045,649.63 | 344,967.90 | 12,128,933.34 |
| \$374,657.68 | 171,558,771.84 | 135,231,710.22 | \$868,021.39 | 36,327,061.62 |  | 1,037,903.38 | 1,047,938.16 | 343,713.93 | 14,558,488.81 |
| \$181,918.43 | 171,740,690.27 | 134,567,967.70 | \$845,660.95 | 37,172,722.57 |  | 1,032,809.15 | 1,049,049.38 | 342,026.92 | 16,982,374.27 |
| \$63,296.61 | 171,803,986.88 | 133,812,958.41 | \$818,305.90 | 37,991,028.47 |  | 1,027,014.46 | 1,049,436.02 | 340,107.94 | 19,398,932.68 |
| - | - | - | - | - |  | - |  |  |  |
| - | - | - | - | - |  |  |  |  |  |
| - | - | - | - | - | \$6,935,258.74 | - | - | - |  |
| - | - | - | - | - |  |  |  |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  |  |  |  |  |
| - | - | - | - | - |  | - | - |  |  |
| - | - | - | - | - |  | - | - |  |  |
| - |  | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - |  |  |  |
| - | - | - | - | - | - | - | - | - | - |
| - |  | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  |  |  |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | : | - |  | - | - |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - |  |  | - | - | - | - |  |

Workpaper 1
Page 13 of 17

| Depreciation Tables |  | Installs Customer Premises AMI - Account 37100 14 Year Life |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Gross Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | Depreciation Reserve | Accumulated Depreciation | $\begin{gathered} \text { Annual } \\ \text { Depreciation } \\ \text { Expense } \\ \hline \end{gathered}$ | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| 2017 | January February March |  |  |  |  |  |  |  |  |  |  |
|  | April | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | May | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | June | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | July | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | August | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | September | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | October | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | November | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | December | \$0.00 | - | - | \$0.00 | - | \$0.00 | - | - | - | - |
| 2018 | January | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | February | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | March | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | April | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | May | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | June | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | July | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | August | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | September | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | October | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | November | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | December | \$0.00 | - | - | \$0.00 | - | \$0.00 | . | - | - | - |
| 2019 | January | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | February | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | March | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | April | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | May | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | June | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | July | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | August | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | September | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | October | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | November | \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
|  | December | \$0.00 | - | - | \$0.00 | - | \$0.00 | . | - | - | - |
| 2020 | January | \$0.00 | - | - | \$0.00 | - |  | - | - | - | \$0.00 |
|  | February | \$0.00 | - | - | \$0.00 | - |  | - | - | - | \$0.00 |
|  | March | \$0.00 | - | - | \$0.00 | - |  | - | - | - | \$0.00 |
|  | April | \$0.00 | - | - | \$0.00 | - |  | - | - | - | \$0.00 |
|  | May | \$0.00 | - | - | \$0.00 | - |  | - | - | - | \$0.00 |
|  | June | \$357.64 | 357.64 | 350.79 | \$6.85 | 6.85 |  | 2.69 | 2.72 | 0.89 | \$6.31 |
|  | July | \$25.23 | 382.87 | 374.26 | \$1.76 | 8.61 |  | 2.87 | 2.92 | 0.95 | \$13.05 |
|  | August | \$7.20 | 390.07 | 379.99 | \$1.47 | 10.08 |  | 2.92 | 2.97 | 0.97 | \$19.90 |
|  | September | \$0.30 | 390.37 | 378.96 | \$1.33 | 11.41 |  | 2.91 | 2.97 | 0.96 | \$26.75 |
|  | October | \$0.00 | 390.37 | 377.63 | \$1.33 | 12.74 |  | 2.90 | 2.97 | 0.96 | \$33.58 |
|  | November | \$80.51 | 470.88 | 453.88 | \$4.26 | 17.00 |  | 3.48 | 3.59 | 1.15 | \$41.80 |
|  | December | \$14.47 | 485.35 | 466.14 | \$2.21 | 19.21 | \$19.21 | 3.58 | 3.70 | 1.18 | \$69.47 |
| 2021 | January | \$0.00 | 485.35 | 463.32 | \$2.82 | 22.03 |  | 3.56 | 3.70 | 1.18 | \$8.43 |
|  | February | \$17.85 | 503.20 | 477.38 | \$3.79 | 25.82 |  | 3.66 | 3.83 | 1.21 | \$17.14 |
|  | March | \$3.37 | 506.57 | 477.56 | \$3.19 | 29.01 |  | 3.67 | 3.86 | 1.21 | \$25.88 |
|  | April | \$31.35 | 537.92 | 505.44 | \$3.47 | 32.48 |  | 3.88 | 4.10 | 1.28 | \$35.14 |
|  | May | \$36.27 | 574.19 | 537.90 | \$3.81 | 36.29 |  | 4.13 | 4.37 | 1.37 | \$45.01 |
|  | June | \$0.85 | 575.04 | 535.41 | \$3.34 | 39.63 |  | 4.11 | 4.38 | 1.36 | \$54.86 |
|  | July | \$2.19 | 577.23 | 534.13 | \$3.47 | 43.10 |  | 4.10 | 4.40 | 1.36 | \$64.71 |
|  | August | \$6.57 | 583.80 | 537.07 | \$3.63 | 46.73 |  | 4.12 | 4.45 | 1.37 | \$74.65 |
|  | September | - | - |  | - | - |  | - | - |  |  |
|  | October | - | - | - | - | - |  | - | - | - |  |
|  | November | - | - | - | - | - |  | - | - | - |  |
|  | December | - | - | - | - | - | \$27.52 | - | - | - | 74.65 |
| 2022 | January | - | - | - | - | - |  | - | - | - |  |
|  | February | - | - | - | - | - |  | - | - | - |  |
|  | March | - | - | - | - | - |  | - | - | - |  |
|  | April | - | - | - | - | - |  | - | - | - |  |
|  | May | - | - | - | - | - |  | - | - | - |  |
|  | June | - | - | - | - | - |  | - | - | - |  |
|  | July August | $:$ | - | - | - | - |  | $:$ | - | - |  |
|  | September | - | - | - | - | - |  | - | - | - |  |
|  | October | - | - | - | - | - |  | - | - | - |  |
|  | November | - | - | - | - | - |  | - | - | - |  |
|  | December | - | - | - | - | - |  | - | - | - |  |
| 2023 | January February | - | - | - | - | - |  | - | - | - |  |
|  | March | - | - | - | - | - |  | - | - | - |  |
|  | April | - | - | - | - | - |  | - | - | - |  |
|  | May | - | - | - | - | - |  | - | - | - |  |
|  | June | - |  | - | - | - |  | - | - | - |  |
|  | July | - | - | - | - | - |  | - | - | - |  |
|  | August | $:$ | $:$ | $:$ | $:$ | $:$ |  | - | - | - |  |
|  | September October | - | - | $:$ | $:$ | $:$ |  | $:$ | - | - |  |
|  | November | - | - | - | - | - |  | - | - | - |  |
|  | December | - | - | - | - | - | - | - | - | - |  |
| 2024 | January | - | - | - | - | - |  | - | - | - |  |
|  | February | - | - | - | - | - |  | - | - | - |  |
|  | March | - | - | - | - | - |  | - | - | - |  |
|  | April May | $\div$ | - | $:$ | $:$ | - |  | $:$ | - | - |  |
|  | June | - | - | - | - | - |  | - | - | - |  |
|  | July | - | - | - | - | - |  | - | - | - |  |
|  | August | - | - | - | - | - |  | - | - | - |  |
|  | September | - | - | - | - | - |  | - | - | - |  |
|  | October | - | - | - | - | - |  | - | - | - |  |
|  | November | - | - | - | - | - |  | - | - | - |  |
|  | December | - | - | - | - | - | $-$ | - | - | - |  |

Workpaper 1
Page 14 of 17


Workpaper 1
Page 15 of 17
gridSMART Phase 2 NBV
Depreciation Tables

| $\begin{aligned} & \text { Office Furniture \& Equip } 391 \\ & 30 \text { Year Life } \end{aligned}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{aligned} & \text { Depreciation } \\ & \text { Reserve } \\ & \hline \end{aligned}$ | Accumulated Depreciation | Annual Depreciation Expense | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - | \$0.00 | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$112,941.71 | 112,941.71 | 112,941.71 | \$0.00 | - |  | 866.83 | 313.41 | 287.06 | 1,467.30 |
| \$0.00 | 112,941.71 | 112,941.71 | \$0.00 | - |  | 866.83 | 313.41 | 287.06 | 2,934.60 |
| \$0.00 | 112,941.71 | 112,941.71 | \$0.00 | - |  | 866.83 | 313.41 | 287.06 | 4,401.90 |
| \$29,211.53 | 142,153.24 | 139,890.54 | \$2,262.70 | 2,262.70 |  | 1,073.66 | 394.48 | 355.56 | 6,225.59 |
| \$0.00 | 142,153.24 | 139,677.46 | \$213.08 | 2,475.78 | \$2,475.78 | 1,072.02 | 394.48 | 355.01 | 8,047.11 |
| \$0.00 | 142,153.24 | 139,246.62 | \$430.84 | 2,906.62 |  | 1,068.72 | 394.48 | 353.92 | 1,817.11 |
| \$0.00 | 142,153.24 | 138,811.51 | \$435.11 | 3,341.73 |  | 1,065.38 | 394.48 | 352.81 | 3,629.78 |
| \$0.00 | 142,153.24 | 138,372.52 | \$438.99 | 3,780.72 |  | 1,062.01 | 394.48 | 351.70 | 5,437.96 |
| \$0.00 | 142,153.24 | 137,930.05 | \$442.47 | 4,223.19 |  | 1,058.61 | 394.48 | 350.57 | 7,241.62 |
| \$0.00 | 142,153.24 | 137,486.87 | \$443.18 | 4,666.37 |  | 1,055.21 | 394.48 | 349.45 | 9,040.75 |
| \$0.00 | 142,153.24 | 137,040.98 | \$445.89 | 5,112.26 |  | 1,051.79 | 394.48 | 348.31 | 10,835.33 |
| \$0.00 | 142,153.24 | 136,591.43 | \$449.55 | 5,561.81 |  | 1,048.34 | 394.48 | 347.17 | 12,625.31 |
| \$0.00 | 142,153.24 | 136,140.33 | \$451.10 | 6,012.91 |  | 1,044.88 | 394.48 | 346.02 | 14,410.69 |
| \$0.00 | 142,153.24 | 135,686.28 | \$454.05 | 6,466.96 |  | 1,041.39 | 394.48 | 344.87 | 16,191.43 |
| \$0.00 | 142,153.24 | 135,233.07 | \$453.21 | 6,920.17 |  | 1,037.91 | 394.48 | 343.72 | 17,967.53 |
| \$0.00 | 142,153.24 | 134,784.45 | \$448.62 | 7,368.79 |  | 1,034.47 | 394.48 | 342.58 | 19,739.06 |
| \$0.00 | 142,153.24 | 134,339.07 | \$445.38 | 7,814.17 | \$5,338.39 | 1,031.05 | 394.48 | 341.45 | 21,506.03 |
| \$0.00 | 142,153.24 | 133,878.83 | \$460.24 | 8,274.41 |  | 1,027.52 | 394.48 | 340.28 | 1,762.27 |
| \$0.00 | 142,153.24 | 133,417.97 | \$460.86 | 8,735.27 |  | 1,023.98 | 394.48 | 339.10 | 3,519.83 |
| \$0.00 | 142,153.24 | 132,957.21 | \$460.76 | 9,196.03 |  | 1,020.45 | 394.48 | 337.93 | 5,272.69 |
| \$0.00 | 142,153.24 | 132,496.24 | \$460.97 | 9,657.00 |  | 1,016.91 | 394.48 | 336.76 | 7,020.83 |
| \$0.00 | 142,153.24 | 132,035.32 | \$460.92 | 10,117.92 |  | 1,013.37 | 394.48 | 335.59 | 8,764.27 |
| \$0.00 | 142,153.24 | 131,574.80 | \$460.52 | 10,578.44 |  | 1,009.84 | 394.48 | 334.42 | 10,503.00 |
| \$0.00 | 142,153.24 | 131,115.06 | \$459.74 | 11,038.18 |  | 1,006.31 | 394.48 | 333.25 | 12,237.03 |
| \$0.00 | 142,153.24 | 130,656.25 | \$458.81 | 11,496.99 |  | 1,002.79 | 394.48 | 332.08 | 13,966.38 |
| \$0.00 | 142,153.24 | 130,198.64 | \$457.61 | 11,954.60 |  | 999.27 | 394.48 | 330.92 | 15,691.05 |
| \$0.00 | 142,153.24 | 129,742.65 | \$455.99 | 12,410.59 |  | 995.77 | 394.48 | 329.76 | 17,411.06 |
| \$0.00 | 142,153.24 | 129,288.77 | \$453.88 | 12,864.47 |  | 992.29 | 394.48 | 328.61 | 19,126.44 |
| \$0.00 | 142,153.24 | 128,846.78 | \$441.99 | 13,306.46 | \$5,492.29 | 988.90 | 394.48 | 327.49 | 20,837.30 |
| \$0.00 | 142,153.24 | 128,398.01 | \$448.77 | 13,755.23 |  | 985.45 | 394.48 | 326.34 | 1,706.27 |
| \$0.00 | 142,153.24 | 127,954.29 | \$443.72 | 14,198.95 |  | 982.05 | 394.48 | 325.22 | 3,408.02 |
| \$0.00 | 142,153.24 | 127,507.54 | \$446.75 | 14,645.70 |  | 978.62 | 394.48 | 324.08 | 5,105.19 |
| \$0.00 | 142,153.24 | 127,067.22 | \$440.32 | 15,086.02 |  | 975.24 | 394.48 | 322.96 | 6,797.87 |
| \$0.00 | 142,153.24 | 126,631.61 | \$435.61 | 15,521.63 |  | 971.90 | 394.48 | 321.86 | 8,486.10 |
| \$0.00 | 142,153.24 | 126,202.48 | \$429.13 | 15,950.76 |  | 968.60 | 394.48 | 320.76 | 10,169.94 |
| \$206.98 | 142,360.22 | 125,978.29 | \$431.17 | 16,381.93 |  | 966.88 | 395.05 | 320.19 | 11,852.07 |
| \$0.00 | 142,360.22 | 125,551.27 | \$427.02 | 16,808.95 |  | 963.61 | 395.05 | 319.11 | 13,529.84 |
| - | - | - | - | - |  | - | - |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | \$3502.49 | - | - | - |  |
| - | - | - | - | - |  |  |  |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | $\div$ | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - |  |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - |  | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |

Workpaper 1
Page 16 of 17
gridSMART Phase 2 NBV
Depreciation Tables

| Communications Equipment 397 35 Year Life |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross <br> Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{aligned} & \text { Depreciation } \\ & \text { Reserve } \\ & \hline \end{aligned}$ | Accumulated Depreciation | Annual Depreciation Expense | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - |  | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - | \$0.00 | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$77,086.89 | 77,086.89 | 76,353.51 | \$733.38 | 733.38 |  | 586.01 | 247.32 | 194.07 | 1,027.40 |
| \$24,944.92 | 102,031.81 | 100,939.93 | \$358.50 | 1,091.88 |  | 774.71 | 327.35 | 256.56 | 2,386.02 |
| \$83,341.45 | 185,373.26 | 183,169.86 | \$1,111.52 | 2,203.40 |  | 1,405.83 | 594.74 | 465.56 | 4,852.15 |
| \$56,283.69 | 241,656.95 | 238,500.76 | \$952.79 | 3,156.19 |  | 1,830.49 | 775.32 | 606.19 | 8,064.14 |
| \$367,291.96 | 608,948.91 | 600,275.20 | \$5,517.52 | 8,673.71 | \$8,673.71 | 4,607.11 | 1,953.71 | 1,525.70 | 16,150.67 |
| \$1,804.00 | 610,752.91 | 600,611.32 | \$1,467.88 | 10,141.59 |  | 4,609.69 | 453.17 | 1,526.55 | 6,589.41 |
| ( $\$ 9,326.07)$ | 601,426.84 | 590,238.25 | \$1,047.00 | 11,188.59 |  | 4,530.08 | 1,433.40 | 1,500.19 | 14,053.08 |
| \$69,854.61 | 671,281.45 | 658,193.72 | \$1,899.14 | 13,087.73 |  | 5,051.64 | 1,599.89 | 1,672.91 | 22,377.51 |
| \$124,005.88 | 795,287.33 | 780,011.88 | \$2,187.72 | 15,275.45 |  | 5,986.59 | 1,895.43 | 1,982.53 | 32,242.07 |
| \$19,845.01 | 815,132.34 | 798,044.90 | \$1,811.99 | 17,087.44 |  | 6,124.99 | 1,942.73 | 2,028.36 | 42,338.16 |
| \$3,036.10 | 818,168.44 | 799,387.94 | \$1,693.06 | 18,780.50 |  | 6,135.30 | 1,949.97 | 2,031.78 | 52,455.21 |
| \$72,053.88 | 890,222.32 | 869,341.52 | \$2,100.30 | 20,880.80 |  | 6,672.20 | 2,121.70 | 2,209.58 | 63,458.68 |
| \$129,762.13 | 1,019,984.45 | 996,619.09 | \$2,484.56 | 23,365.36 |  | 7,649.05 | 2,430.96 | 2,533.07 | 76,071.77 |
| \$88,396.73 | 1,108,381.18 | 1,082,211.33 | \$2,804.49 | 26,169.85 |  | 8,305.97 | 2,641.64 | 2,750.62 | 89,770.00 |
| \$147,022.65 | 1,255,403.83 | 1,225,524.34 | \$3,709.64 | 29,879.49 |  | 9,405.90 | 2,992.05 | 3,114.87 | 105,282.82 |
| \$446,281.16 | 1,701,684.99 | 1,663,856.97 | \$7,948.53 | 37,828.02 |  | 12,770.10 | 4,055.68 | 4,228.97 | 126,337.58 |
| \$254,467.55 | 1,956,152.54 | 1,912,059.56 | \$6,264.96 | 44,092.98 | \$35,419.27 | 14,675.06 | 4,662.16 | 4,859.82 | 150,534.61 |
| \$120,549.52 | 2,076,702.06 | 2,025,845.37 | \$6,763.71 | 50,856.69 |  | 15,548.36 | 4,949.47 | 5,149.02 | 25,646.86 |
| \$42,187.01 | 2,118,889.07 | 2,062,580.33 | \$5,452.05 | 56,308.74 |  | 15,830.30 | 5,050.02 | 5,242.39 | 51,769.57 |
| \$186,253.72 | 2,305,142.79 | 2,243,367.15 | \$5,466.90 | 61,775.64 |  | 17,217.84 | 5,493.92 | 5,701.89 | 80,183.23 |
| (\$16,207.56) | 2,288,935.23 | 2,225,010.69 | \$2,148.90 | 63,924.54 |  | 17,076.96 | 5,455.30 | 5,655.24 | 108,370.72 |
| \$358,951.98 | 2,647,887.21 | 2,577,003.64 | \$6,959.03 | 70,883.57 |  | 19,778.50 | 6,310.80 | 6,549.88 | 141,009.91 |
| \$37,919.31 | 2,685,806.52 | 2,609,467.69 | \$5,455.26 | 76,338.83 |  | 20,027.66 | 6,401.17 | 6,632.40 | 174,071.14 |
| \$12,536.75 | 2,698,343.27 | 2,616,668.48 | \$5,335.96 | 81,674.79 |  | 20,082.93 | 6,431.05 | 6,650.70 | 207,235.82 |
| \$41,018.05 | 2,739,361.32 | 2,651,283.47 | \$6,403.06 | 88,077.85 |  | 20,348.60 | 6,528.81 | 6,738.68 | 240,851.91 |
| \$289,332.04 | 3,028,693.36 | 2,932,227.67 | \$8,387.84 | 96,465.69 |  | 22,504.85 | 7,218.39 | 7,452.75 | 278,027.89 |
| \$63,258.97 | 3,091,952.33 | 2,989,545.50 | \$5,941.14 | 102,406.83 |  | 22,944.76 | 7,369.15 | 7,598.43 | 315,940.23 |
| (\$541.16) | 3,091,411.17 | 2,983,414.51 | \$5,589.83 | 107,996.66 |  | 22,897.71 | 7,367.86 | 7,582.85 | 353,788.65 |
| \$70,809.02 | 3,162,220.19 | 3,046,669.12 | \$7,554.41 | 115,551.07 | \$71,458.09 | 23,383.19 | 7,536.62 | 7,743.62 | 392,452.08 |
| \$114,818.13 | 3,277,038.32 | 3,153,027.16 | \$8,460.09 | 124,011.16 |  | 24,199.48 | 7,810.27 | 8,013.94 | 40,023.70 |
| \$116,924.20 | 3,393,962.52 | 3,262,227.33 | \$7,724.03 | 131,735.19 |  | 25,037.59 | 8,088.94 | 8,291.49 | 81,441.74 |
| \$11,306.23 | 3,405,268.75 | 3,265,870.91 | \$7,662.65 | 139,397.84 |  | 25,065.56 | 8,115.89 | 8,300.76 | 122,923.94 |
| \$3,467.99 | 3,408,736.74 | 3,261,843.30 | \$7,495.60 | 146,893.44 |  | 25,034.65 | 8,124.16 | 8,290.52 | 164,373.26 |
| \$601.19 | 3,409,337.93 | 3,255,093.11 | \$7,351.38 | 154,244.82 |  | 24,982.84 | 8,125.59 | 8,273.36 | 205,755.05 |
| \$56.19 | 3,409,394.12 | 3,247,936.01 | \$7,213.29 | 161,458.11 |  | 24,927.91 | 8,125.72 | 8,255.17 | 247,063.85 |
| \$43,153.67 | 3,452,547.79 | 3,283,364.18 | \$7,725.50 | 169,183.61 |  | 25,199.82 | 8,228.57 | 8,345.22 | 288,837.46 |
| \$10.83 | 3,452,558.62 | 3,275,934.67 | \$7,440.34 | 176,623.95 |  | 23,598.06 | 7,748.91 | 7,814.78 | 327,999.21 |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | \$61 07288 | - | - | - | 32799921 |
|  |  |  |  |  | \$61,072.88 | - |  | - | 327,999.21 |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | $\div$ | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | $:$ |  |
| - | - | - | - | - |  | - |  | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - |  |  |
| - | - | - | - | - |  | - |  |  |  |
| - | - | - | - | - | - | - | - | - | - |

Workpaper 1
Page 17 of 17
gridSMART Phase 2 NBV Depreciation Tables

| AMI Communication Equipment - Account 397.16 15 Year Life |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Capital Expenditure (booked cost) | Cumulative Gross Plant | Net Plant | $\begin{aligned} & \text { Depreciation } \\ & \text { Reserve } \end{aligned}$ | Accumulated Depreciation | Annual Depreciation Expense | Return Carrying Charge Rate | Depreciation Carrying Charge Rate | Property Carrying Charge | Annual Carrying Charge |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 |  |  |  |  |  | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - | \$0.00 | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - |  |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$0.00 | - | - | \$0.00 | - |  | - | - | - | - |
| \$232,171.85 | 232,171.85 | 223,360.43 | \$8,811.42 | \$8,811.42 | \$8,811.42 | 1,714.29 | 1,290.49 | 567.71 | 3,572.49 |
| \$16,512.34 | 248,684.19 | 237,944.13 | \$1,928.64 | \$10,740.06 |  | 1,826.22 | 1,382.27 | 604.77 | 3,813.27 |
| \$7,646.47 | 256,330.66 | 243,714.09 | \$1,876.51 | \$12,616.57 |  | 1,870.51 | 1,424.77 | 619.44 | 7,727.98 |
| \$10,633.43 | 266,964.09 | 252,145.73 | \$2,201.79 | \$14,818.36 |  | 1,935.22 | 1,483.88 | 640.87 | 11,787.95 |
| \$2,299.19 | 269,263.28 | 252,396.56 | \$2,048.36 | \$16,866.72 |  | 1,937.14 | 1,496.66 | 641.51 | 15,863.25 |
| \$6,442.41 | 275,705.69 | 256,650.76 | \$2,188.21 | \$19,054.93 |  | 1,969.79 | 1,532.46 | 652.32 | 20,017.83 |
| \$114,750.52 | 390,456.21 | 367,283.75 | \$4,117.53 | \$23,172.46 |  | 2,818.90 | 2,170.29 | 933.51 | 25,940.53 |
| \$9,551.16 | 400,007.37 | 374,170.95 | \$2,663.96 | \$25,836.42 |  | 2,871.76 | 2,223.37 | 951.02 | 31,986.69 |
| \$123,686.79 | 523,694.16 | 492,399.43 | \$5,458.31 | \$31,294.73 |  | 3,779.17 | 2,910.87 | 1,251.52 | 39,928.24 |
| \$16,640.67 | 540,334.83 | 505,618.33 | \$3,421.77 | \$34,716.50 |  | 3,880.62 | 3,003.36 | 1,285.11 | 48,097.33 |
| \$11,957.34 | 552,292.17 | 514,194.43 | \$3,381.24 | \$38,097.74 |  | 3,946.44 | 3,069.82 | 1,306.91 | 56,420.51 |
| \$39,148.34 | 591,440.51 | 548,972.85 | \$4,369.92 | \$42,467.66 |  | 4,213.37 | 3,287.42 | 1,395.31 | 65,316.60 |
| \$26,591.24 | 618,031.75 | 571,401.19 | \$4,162.90 | \$46,630.56 | \$37,819.14 | 4,385.50 | 3,435.23 | 1,452.31 | 74,589.65 |
| \$29,897.13 | 647,928.88 | 596,010.26 | \$5,288.06 | \$51,918.62 |  | 4,574.38 | 3,601.40 | 1,514.86 | 9,690.64 |
| \$60,415.83 | 708,344.71 | 648,620.30 | \$7,805.79 | \$59,724.41 |  | 4,978.16 | 3,937.22 | 1,648.58 | 20,254.60 |
| \$17,555.47 | 725,900.18 | 660,055.66 | \$6,120.11 | \$65,844.52 |  | 5,065.93 | 4,034.80 | 1,677.64 | 31,032.96 |
| \$273,738.33 | 999,638.51 | 911,201.47 | \$22,592.52 | \$88,437.04 |  | 6,993.47 | 5,556.32 | 2,315.97 | 45,898.73 |
| \$5,958.68 | 1,005,597.19 | 909,427.61 | \$7,732.54 | \$96,169.58 |  | 6,979.86 | 5,589.44 | 2,311.46 | 60,779.49 |
| \$93,872.09 | 1,099,469.28 | 992,804.39 | \$10,495.31 | \$106,664.89 |  | 7,619.77 | 6,111.22 | 2,523.38 | 77,033.86 |
| \$17,353.90 | 1,116,823.18 | 1,001,042.31 | \$9,115.98 | \$115,780.87 |  | 7,683.00 | 6,207.68 | 2,544.32 | 93,468.85 |
| \$3,347.73 | 1,120,170.91 | 996,214.67 | \$8,175.37 | \$123,956.24 |  | 7,645.95 | 6,226.28 | 2,532.05 | 109,873.12 |
| \$8,611,283.22 | 9,731,454.13 | 9,384,491.28 | \$223,006.61 | \$346,962.85 |  | 72,025.97 | 54,090.67 | 23,852.25 | 259,842.01 |
| \$62,357.65 | 9,793,811.78 | 9,410,637.93 | \$36,211.00 | \$383,173.85 |  | 72,226.65 | 54,437.27 | 23,918.70 | 410,424.63 |
| \$40,101.01 | 9,833,912.79 | 9,415,303.04 | \$35,435.90 | \$418,609.75 |  | 72,262.45 | 54,660.17 | 23,930.56 | 561,277.81 |
| \$575,683.47 | 10,409,596.26 | 9,935,995.04 | \$54,991.47 | \$473,601.22 | \$426,970.66 | 76,258.76 | 57,860.01 | 25,253.99 | 720,650.56 |
| \$11,460.06 | 10,421,056.32 | 9,882,597.54 | \$64,857.56 | \$538,458.78 |  | 75,848.94 | 57,923.70 | 25,118.27 | 158,890.91 |
| \$29,859.85 | 10,450,916.17 | 9,846,615.95 | \$65,841.44 | \$604,300.22 |  | 75,572.78 | 58,089.68 | 25,026.82 | 317,580.18 |
| (\$32,170.76) | 10,418,745.41 | 9,749,891.90 | \$64,553.29 | \$668,853.51 |  | 74,830.42 | 57,910.86 | 24,780.98 | 475,102.43 |
| \$37,515.86 | 10,456,261.27 | 9,722,038.21 | \$65,369.55 | \$734,223.06 |  | 74,616.64 | 58,119.39 | 24,710.18 | 632,548.64 |
| \$2,569.41 | 10,458,830.68 | 9,659,447.70 | \$65,159.92 | \$799,382.98 |  | 74,136.26 | 58,133.67 | 24,551.10 | 789,369.67 |
| \$27,964.75 | 10,486,795.43 | 9,622,290.38 | \$65,122.07 | \$864,505.05 |  | 73,851.08 | 58,289.10 | 24,456.65 | 945,966.51 |
| \$15,310.93 | 10,502,106.36 | 9,572,094.91 | \$65,506.40 | \$930,011.45 |  | 73,465.83 | 58,374.21 | 24,329.07 | 1,102,135.62 |
| (\$18,982.21) | 10,483,124.15 | 9,490,263.11 | \$62,849.59 | \$992,861.04 |  | 72,837.77 | 58,268.70 | 24,121.09 | 1,257,363.17 |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | \$519,259.82 | - | - | - | 1,257,363.17 |
| - | - | - | - | - |  | - | - |  |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | $\div$ | - |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - |  | , | - | - |  |
| - | - | - | - | - |  | - |  | - |  |
| - | - | - | - | - |  | - | - | - |  |
| - | - | - | - | - | - | - | - | - | - |



This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on
10/29/2021 12:30:54 PM
in

## Case No(s). 21-0499-EL-RDR

Summary: Notice Letter with Schedules electronically filed by Mr. Steven T. Nourse on behalf of Ohio Power Company

