



BOUNDLESS ENERGY™

Legal Department

American Electric Power  
1 Riverside Plaza  
Columbus, OH 43215-2373  
AEP.com

January 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  
Power Company, Case No. 20-939-EL-RDR*

**Steven T. Nourse**  
VP - Legal  
(614) 716-1608 (P)  
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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-EL-RDR (gridSMART Phase 2 Order), Ohio Power Company (AEP Ohio) hereby submits its gridSMART Phase 2 rider update for the fourth quarter 2020. 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 March 2021.

Attachment 1 reflects the actual Phase 2 O&M spending and Capital Carrying Charges from October through December 2020. 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 2020 4<sup>th</sup> Quarter Operational Savings Credit of \$2,057,500 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).

Additionally, the gridSMART Phase 2 Order (at Page 15, par 37) requires the Company to report the non-financial metrics as shown on Attachment 3 of the Phase 2 Stipulation and Recommendation (filed on April 7, 2016) in this case, annually for the next six annual rider filings for the prior calendar year. However, in the Finding and Order Filed on November 21, 2019 in Case No 18-1618-EL-RDR (at Page 9, par I) the Company agreed to extend this reporting obligation through 2024. Please find the nonfinancial metrics report for 2020 included as modified by discussions with the Staff as Attachment 3. The 2020 nonfinancial metrics report contains revised values for several metrics to reflect improved reporting and corrected calculations. Please refer to the appendix for each metric for details regarding the change.

Thank you for your attention to this matter.

Regards,

*/s/ Steven T. Nourse*

Ohio Power Company  
gridSMART Phase 2  
4th Quarter 2020 True-up

Line No.	gridSMART Incremental Investment	Actual gridSMART Spending	Carrying Charge	gridSMART Revenue Requirement
1	Oct 2020 - Dec 2020:			
2	Phase 2: O&M (AMI, VVO, DACR)	\$ 6,663,329		\$ 6,663,329
3	Total	\$ 6,663,329		\$ 6,663,329
<hr/>				
	Phase 2: Incremental Investment Oct 2020 -Dec 2020	gridSMART Spending	Carrying Charge	gridSMART Revenue Requirement
4	Total Capital		\$ 10,273,257	\$ 10,273,257
5			Total	\$ 16,936,586
6			Tax Gross Up Rate	100.881%
7			Revenue Requirement	\$ 17,085,790
8			(Over)/Under Recovery for 2nd Q	\$ (32,533)
9			Total Revenue Requirement	\$ 17,053,257
10	Cost Residential Allocation	45%	Residential Revenue Requirement	\$ 7,673,966
11	Cost Non-Res Base Allocation	55%	Non-Res Revenue Requirement	\$ 9,379,291
12	Operational Savings Credit		Operation Savings Credit	\$ (2,057,500)
13	Operational Savings Residential Allocation	60%	Residential Revenue Requirement	(1,234,500)
14	Operational Savings Non-Res Base Allocation	40%	Non-Res Revenue Requirement	(823,000)
15	Total Residential Allocation		Total Residential Revenue Requirement	6,439,466
16	Total Non-Residential Allocation		Total Non-Res Revenue Requirement	8,556,291
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4th Quarter 2020 Filing - Quarterly Collection			2019	
17			Residential Customers	1,303,270 \$ 1.65
18			Non-Residential Customers	194,868 \$ 14.64

OHIO POWER COMPANY

~~15<sup>th</sup>~~-16<sup>th</sup> Revised Sheet No. 485-1  
 Cancels ~~14<sup>th</sup>~~-15<sup>th</sup> Revised Sheet No. 485-1

P.U.C.O. NO. 20

## gridSMART PHASE 2 RIDER

Effective with the first billing cycle of ~~December 2020~~March 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	<del>\$0.90</del> <u>1.65</u>
Non-Residential	<del>\$8.55</del> <u>14.64</u>

Filed pursuant to Order dated April 25, 2018 in Case No. 16-1852-EL-SSO

Issued: ~~October 26, 2020~~January 29, 2021

Effective: ~~2020~~March 2021 Cycle 1 ~~December~~

Issued by  
 Rajagopalan Sundararajan, President  
 AEP Ohio

OHIO POWER COMPANY

~~15<sup>th</sup>-16<sup>th</sup>~~ Revised Sheet No. 485-1D  
 Cancels ~~14<sup>th</sup>-15<sup>h</sup>~~ Revised Sheet No. 485-1D

P.U.C.O. NO. 20

OAD – gridSMART PHASE 2 RIDER  
 (Open Access Distribution – gridSMART Phase 2 Rider)

Effective with the first billing cycle of ~~December 2020~~March 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	<del>\$0.90</del> <u>1.65</u>
Non-Residential	<del>\$8.55</del> <u>14.64</u>

Filed pursuant to Order dated April 25, 2018 in Case No. 16-1852-EL-SSO

Issued: ~~October 26, 2020~~January 29, 2021

Effective: Cycle 1 ~~December~~

~~2020~~March 2021

Issued by  
 Rajagopalan Sundararajan, President  
 AEP Ohio

gridSMART Phase 2 NBV

Depreciation Tables

Depreciation Tables		Intangible Property - Account 303 5 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	\$491,762.92	491,762.92	460,535.66	\$31,227.26	31,227.26	-	3,534.61	81.96	1,170.53	4,787.10
	September	\$0.00	491,762.92	436,394.67	\$24,140.99	55,368.25	-	3,349.33	81.96	1,109.17	9,327.56
	October	\$0.00	491,762.92	383,614.90	\$52,779.77	108,148.02	-	2,944.24	81.96	975.02	13,328.79
	November	\$29,563.47	521,326.39	360,398.60	\$52,779.77	160,927.79	-	2,766.06	86.89	916.01	17,097.75
	December	(\$29,563.47)	491,762.92	277,562.64	\$53,272.49	214,200.28	\$214,200.28	2,130.29	81.96	705.47	20,015.47
2019	January	\$0.00	491,762.92	224,782.87	\$52,779.77	266,980.05	-	1,725.21	49,254.29	571.32	51,550.82
	February	\$0.00	491,762.92	172,003.10	\$52,779.77	319,759.82	-	1,320.12	8,196.05	437.17	61,504.17
	March	\$0.00	491,762.92	119,223.33	\$52,779.77	372,539.59	-	915.04	8,196.05	303.03	70,918.28
	April	\$0.00	491,762.92	108,402.87	\$10,820.46	383,360.05	-	831.99	8,196.05	275.52	80,221.85
	May	\$747,266.15	1,239,029.07	844,848.56	\$10,820.46	394,180.51	-	6,484.21	20,650.48	2,147.32	109,503.87
	June	\$57,008.81	1,296,037.88	878,582.48	\$23,274.89	417,455.40	-	6,743.12	21,600.63	2,233.06	140,080.68
	July	\$2,252,815.93	3,548,853.81	3,109,797.76	\$21,600.65	439,056.05	-	23,867.70	59,147.56	7,904.07	231,000.01
	August	\$44,215.69	3,593,069.50	3,094,865.89	\$59,147.56	498,203.61	-	23,753.10	59,884.49	7,866.12	322,503.72
	September	\$146.50	3,593,216.00	2,656,293.58	\$438,718.81	936,922.42	-	20,387.05	59,886.93	6,751.41	409,529.12
	October	\$531,342.22	4,124,558.22	3,127,748.86	\$59,886.94	996,809.36	-	24,005.47	68,742.64	7,949.70	510,226.92
	November	\$98,429.60	4,222,987.82	3,157,435.84	\$68,742.62	1,065,551.98	-	24,233.32	70,383.13	8,025.15	612,868.52
	December	\$0.00	4,222,987.82	3,069,341.30	\$88,094.54	1,153,646.52	\$939,446.24	23,557.19	70,383.13	7,801.24	714,610.09
2020	January	\$0.00	4,222,987.82	2,998,958.16	\$70,383.14	1,224,029.66	-	23,017.00	70,383.13	7,622.35	101,022.49
	February	\$0.00	4,222,987.82	2,928,575.02	\$70,383.14	1,294,412.80	-	22,476.81	70,383.13	7,443.46	201,325.89
	March	\$0.00	4,222,987.82	2,858,191.90	\$70,383.12	1,364,795.92	-	21,936.62	70,383.13	7,264.57	300,910.22
	April	\$2,267,187.68	6,490,175.50	5,054,996.47	\$70,383.11	1,435,179.03	-	38,797.10	108,169.59	12,848.12	460,725.02
	May	\$4,564.72	6,494,740.22	4,951,391.58	\$108,169.61	1,543,348.64	-	38,001.93	108,245.67	12,584.79	619,557.41
	June	\$503.81	6,495,244.03	4,838,667.10	\$113,228.29	1,656,576.93	-	37,136.77	108,254.07	12,298.28	777,246.52
	July	\$2,213.48	6,497,457.51	4,732,626.52	\$108,254.06	1,764,830.99	-	36,322.91	108,290.96	12,028.76	933,889.15
	August	\$0.00	6,497,457.51	4,624,335.53	\$108,290.99	1,873,121.98	-	35,491.78	108,290.96	11,753.52	1,089,425.40
	September	\$0.00	6,497,457.51	4,516,044.60	\$108,290.93	1,981,412.91	-	34,660.64	108,290.96	11,478.28	1,243,855.28
	October	(\$130,797.21)	6,366,660.30	4,276,956.43	\$108,290.96	2,089,703.87	-	32,825.64	106,111.01	10,870.60	1,393,662.53
	November	\$2,189,875.95	8,556,536.25	6,360,721.35	\$106,111.03	2,195,814.90	-	48,818.54	142,608.94	16,166.83	1,601,256.84
	December	\$0.00	8,556,536.25	6,360,721.35	\$106,111.03	2,195,814.90	\$939,446.24	23,557.19	70,383.13	7,801.24	714,610.09
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

Depreciation Tables		Structures and Improvements - Account 361 65 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	\$61,189.29	61,189.29	60,967.17	\$222.12	222.12	-	467.92	90.25	154.96	713.14
	June	\$208,245.28	269,434.57	268,260.95	\$951.50	1,173.62	-	2,058.90	397.42	681.83	3,851.28
	July	\$14,708.60	284,143.17	282,699.41	\$270.14	1,443.76	-	2,169.72	419.11	718.53	7,158.64
	August	\$4,378.48	288,521.65	286,846.25	\$231.64	1,675.40	-	2,201.54	425.57	729.07	10,514.82
	September	\$2,789.46	291,311.11	289,408.10	\$227.61	1,903.01	-	2,221.21	429.68	735.58	13,901.29
	October	\$0.00	291,311.11	289,196.63	\$211.47	2,114.48	-	2,219.58	429.68	735.04	17,285.60
	November	\$39.83	291,350.94	289,024.70	\$211.76	2,326.24	-	2,218.26	429.74	734.60	20,668.21
	December	(\$26.37)	291,324.57	288,787.19	\$211.14	2,537.38	\$2,537.38	2,216.44	429.70	734.00	24,048.36
2020	January	\$1.98	291,326.55	288,367.18	\$421.99	2,959.37	-	2,213.22	429.71	732.93	3,375.86
	February	\$0.00	291,326.55	287,945.15	\$422.03	3,381.40	-	2,209.98	429.71	731.86	6,747.40
	March	\$0.00	291,326.55	287,522.97	\$422.18	3,803.58	-	2,206.74	429.71	730.79	10,114.64
	April	\$0.02	291,326.57	287,101.01	\$421.98	4,225.56	-	2,203.50	429.71	729.72	13,477.56
	May	\$37,761.61	329,088.18	324,303.42	\$559.20	4,784.76	-	2,489.03	485.41	824.27	17,276.26
	June	\$229.76	329,317.94	324,082.27	\$450.91	5,235.67	-	2,487.33	485.74	823.71	21,073.05
	July	\$3,105.57	332,423.51	326,721.94	\$465.90	5,701.57	-	2,507.59	490.32	830.42	24,901.38
	August	\$199.77	332,623.28	326,470.25	\$451.46	6,153.03	-	2,505.66	490.62	829.78	28,727.44
	September	\$280.47	332,903.75	326,297.32	\$453.40	6,606.43	-	2,504.33	491.03	829.34	32,552.14
	October	\$3.74	332,907.49	325,848.74	\$452.32	7,058.75	-	2,500.89	491.04	828.20	36,372.27
	November	\$6.58	332,914.07	325,403.22	\$452.10	7,510.85	-	2,497.47	491.05	827.07	40,187.85
	December	-	-	-	-	-	\$4,973.47	-	-	-	40,187.85
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Station Equipment - Account 362 45 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	\$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
	September	\$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
	October	\$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
	November	\$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
	December	\$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
2019	January	(\$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
	February	(\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	(\$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
	September	\$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
	October	\$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
	November	\$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
	December	\$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
2020	January	\$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
	February	\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$785,961.25	30,006,662.28	29,353,609.60	\$44,836.84	653,052.68	-	225,288.95	61,763.71	74,007.09	2,923,135.18
	October	\$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
	November	\$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
	December	-	-	-	-	-	\$457,952.10	-	-	-	3,652,160.60
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.



gridSMART Phase 2 NBV  
Depreciation Tables

		Station Equipment gridSMART- Account 362.16 45 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	\$72,423.59	72,423.59	71,995.28	\$428.31	428.31		552.56	149.07	182.99	884.62
	September	\$18,173.53	90,597.12	89,976.39	\$192.42	620.73		690.57	186.48	228.69	1,990.36
	October	\$61,920.51	152,517.63	151,343.65	\$553.25	1,173.98		1,161.56	313.93	384.67	3,850.52
	November	\$61,949.60	214,467.23	212,638.30	\$654.95	1,828.93		1,632.00	441.45	540.46	6,464.42
	December	\$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
2019	January	\$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
	February	(\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	(\$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
	September	\$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
	October	\$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
	November	\$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
	December	\$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
2020	January	\$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
	February	\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December	-	-	-	-	-	\$145,941.68	-	-	-	937,095.16
2021	January	-	-	-	-	-		-	-	-	-
	February	-	-	-	-	-		-	-	-	-
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-
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	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Poles Towers & Fixtures - Account 364 36 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
2018	January	\$0.00	-	-	\$0.00	-	-	-	-	-	-
	February	\$0.00	-	-	\$0.00	-	-	-	-	-	-
	March	\$0.00	-	-	\$0.00	-	-	-	-	-	-
	April	\$0.00	-	-	\$0.00	-	-	-	-	-	-
	May	\$1,420.54	1,420.54	1,406.92	\$13.62	13.62	-	10.80	6.14	3.58	20.52
	June	\$316.55	1,737.09	1,723.05	\$0.42	14.04	-	13.22	7.51	4.38	45.63
	July	\$16.33	1,753.42	1,736.90	\$2.48	16.52	-	13.33	7.58	4.41	70.96
	August	\$26,042.80	27,796.22	27,496.68	\$283.02	299.54	-	211.04	120.22	69.89	472.11
	September	\$4,292.44	32,088.66	31,699.56	\$89.56	389.10	-	243.29	138.78	80.57	934.75
	October	\$3,041.15	35,129.81	34,656.39	\$84.32	473.42	-	265.99	151.94	88.08	1,440.76
	November	\$9,087.89	44,217.70	43,562.05	\$182.23	655.65	-	334.34	191.24	110.72	2,077.06
	December	\$28.31	44,246.01	43,530.13	\$60.23	715.88	\$715.88	334.09	191.36	110.64	2,713.16
2019	January	\$5,734.56	49,980.57	49,037.78	\$226.91	942.79	-	376.36	216.17	124.64	717.17
	February	\$12,707.69	62,688.26	61,570.17	\$175.30	1,118.09	-	472.55	271.13	156.49	1,617.34
	March	\$37,971.14	100,659.40	98,810.08	\$731.23	1,849.32	-	758.37	435.35	251.14	3,062.20
	April	\$24,605.60	125,265.00	122,912.33	\$503.35	2,352.67	-	943.35	541.77	312.40	4,859.72
	May	\$58,843.34	184,108.34	181,078.93	\$676.74	3,029.41	-	1,389.78	796.27	460.24	7,506.02
	June	\$21,024.94	205,133.28	201,397.13	\$706.74	3,736.15	-	1,545.72	887.20	511.88	10,450.82
	July	\$26,596.12	231,729.40	227,169.35	\$823.90	4,560.05	-	1,743.52	1,002.23	577.39	13,773.97
	August	\$34,546.34	266,275.74	260,344.76	\$1,370.93	5,930.98	-	1,998.15	1,151.64	661.71	17,585.47
	September	\$18,061.66	284,337.40	277,673.19	\$733.23	6,664.21	-	2,131.14	1,229.76	705.75	21,652.12
	October	\$17,245.68	301,583.08	294,147.46	\$771.41	7,435.62	-	2,257.58	1,304.35	747.62	25,961.67
	November	\$48,547.83	350,130.91	341,412.99	\$1,282.30	8,717.92	-	2,620.34	1,514.32	867.76	30,964.09
	December	\$249,034.27	599,165.18	585,626.52	\$4,820.74	13,538.66	\$12,822.78	4,494.68	2,591.39	1,488.47	39,538.63
2020	January	\$136,994.81	736,159.99	719,789.96	\$2,831.37	16,370.03	-	5,524.39	3,183.89	1,829.47	10,537.75
	February	\$32,319.24	768,479.23	749,855.40	\$2,253.80	18,623.83	-	5,755.14	3,323.67	1,905.88	21,522.44
	March	\$103,358.55	871,837.78	849,507.08	\$3,706.87	22,330.70	-	6,519.97	3,770.70	2,159.16	33,972.27
	April	\$71,156.17	942,993.95	917,901.12	\$2,762.13	25,092.83	-	7,044.89	4,078.45	2,333.00	47,428.61
	May	\$32,931.10	975,925.05	948,272.07	\$2,560.15	27,652.98	-	7,277.99	4,220.88	2,410.19	61,337.66
	June	\$38,205.53	1,014,130.58	983,940.47	\$2,537.13	30,190.11	-	7,551.74	4,386.11	2,500.85	75,776.37
	July	\$91,596.02	1,105,726.60	1,071,278.33	\$4,258.16	34,448.27	-	8,222.06	4,782.27	2,722.83	91,503.53
	August	\$92,907.38	1,198,633.98	1,160,349.81	\$3,835.90	38,284.17	-	8,905.68	5,184.09	2,949.22	108,542.53
	September	\$146,794.87	1,345,428.85	1,302,441.94	\$4,702.74	42,986.91	-	9,996.24	5,818.98	3,310.37	127,668.13
	October	\$213,707.59	1,559,136.44	1,508,762.82	\$7,386.71	50,373.62	-	11,579.75	6,743.27	3,834.77	149,825.92
	November	\$149,044.01	1,708,180.45	1,652,288.13	\$5,518.70	55,892.32	-	12,681.31	7,387.88	4,199.57	174,094.68
	December	-	-	-	-	-	\$42,353.66	-	-	-	174,094.68
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Overhead Conductors, Devices - Account 365 32 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
2018	January	\$0.00	-	-	\$0.00	-	-	-	-	-	-
	February	\$0.00	-	-	\$0.00	-	-	-	-	-	-
	March	\$0.00	-	-	\$0.00	-	-	-	-	-	-
	April	\$0.00	-	-	\$0.00	-	-	-	-	-	-
	May	\$816.71	816.71	811.88	\$4.83	4.83	-	6.23	2.47	2.06	10.77
	June	\$83.94	900.65	893.70	\$2.12	6.95	-	6.86	2.72	2.27	22.62
	July	\$2.42	903.07	894.97	\$1.15	8.10	-	6.87	2.73	2.27	34.50
	August	\$96,671.09	97,574.16	96,572.90	\$993.16	1,001.26	-	741.20	295.16	245.46	1,316.31
	September	\$18,445.55	116,019.71	114,680.65	\$337.80	1,339.06	-	880.17	350.96	291.48	2,838.92
	October	\$16,619.47	132,639.18	130,938.78	\$361.34	1,700.40	-	1,004.96	401.23	332.80	4,577.92
	November	\$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
	December	\$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
2019	January	\$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
	February	\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	(\$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
	October	\$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
	November	\$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
	December	\$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
2020	January	\$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
	February	\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December	-	-	-	-	-	\$183,839.03	-	-	-	685,325.84
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Underground Conduit - Account 366 64 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	\$17,479.12	17,479.12	17,392.94	\$86.18	86.18	-	133.49	22.72	44.21	200.42
	September	\$2,661.32	20,140.44	20,028.74	\$25.52	111.70	-	153.72	26.18	50.91	431.23
	October	\$2,350.04	22,490.48	22,351.87	\$26.91	138.61	-	171.55	29.24	56.81	688.83
	November	\$1,136.45	23,626.93	23,466.76	\$21.56	160.17	-	180.11	30.72	59.64	959.30
	December	(\$2,019.41)	21,607.52	21,447.70	(\$0.35)	159.82	\$159.82	164.61	28.09	54.51	1,206.51
2019	January	\$2,933.39	24,540.91	24,329.24	\$51.85	211.67	-	186.73	31.90	61.84	280.47
	February	\$1,853.81	26,394.72	26,158.19	\$24.86	236.53	-	200.76	34.31	66.49	582.03
	March	\$10,095.14	36,489.86	36,113.60	\$139.73	376.26	-	277.17	47.44	91.79	998.43
	April	\$2,551.07	39,040.93	38,599.34	\$65.33	441.59	-	296.25	50.75	98.11	1,443.54
	May	\$53,407.45	92,448.38	91,797.07	\$209.72	651.31	-	704.54	120.18	233.32	2,501.58
	June	\$20,461.75	112,910.13	112,086.74	\$172.08	823.39	-	860.27	146.78	284.89	3,793.52
	July	\$29,844.57	142,754.70	141,673.93	\$257.38	1,080.77	-	1,087.35	185.58	360.09	5,426.53
	August	\$21,457.55	164,212.25	162,843.23	\$288.25	1,369.02	-	1,249.82	213.48	413.89	7,303.72
	September	\$25,084.94	189,297.19	187,660.16	\$268.01	1,637.03	-	1,440.29	246.09	476.97	9,467.07
	October	\$20,640.86	209,938.05	208,029.44	\$271.58	1,908.61	-	1,596.63	272.92	528.74	11,865.36
	November	\$42,489.56	252,427.61	250,074.34	\$444.66	2,353.27	-	1,919.32	328.16	635.61	14,748.44
	December	\$229,288.83	481,716.44	477,453.79	\$1,909.38	4,262.65	\$4,102.83	3,664.46	626.23	1,213.53	20,252.66
2020	January	\$164,856.54	646,572.98	641,201.91	\$1,108.42	5,371.07	-	4,921.22	840.54	1,629.72	7,391.49
	February	\$41,293.78	687,866.76	681,612.29	\$883.40	6,254.47	-	5,231.37	894.23	1,732.43	15,249.52
	March	\$80,484.02	768,350.78	760,794.33	\$1,301.98	7,556.45	-	5,839.10	998.86	1,933.69	24,021.16
	April	\$61,211.33	829,562.11	820,842.43	\$1,163.23	8,719.68	-	6,299.97	1,078.43	2,086.31	33,485.87
	May	\$36,698.49	866,260.60	856,499.78	\$1,041.14	9,760.82	-	6,573.64	1,126.14	2,176.94	43,362.58
	June	\$63,606.77	929,867.37	918,807.09	\$1,299.46	11,060.28	-	7,051.84	1,208.83	2,335.30	53,958.55
	July	\$87,577.84	1,017,445.21	1,004,512.84	\$1,872.09	12,932.37	-	7,709.64	1,322.68	2,553.14	65,544.00
	August	\$15,036.71	1,032,481.92	1,018,445.71	\$1,103.84	14,036.21	-	7,816.57	1,342.23	2,588.55	77,291.35
	September	\$61,574.62	1,094,056.54	1,078,404.20	\$1,616.13	15,652.34	-	8,276.75	1,422.27	2,740.94	89,731.32
	October	\$66,697.03	1,160,753.57	1,143,214.94	\$1,886.29	17,538.63	-	8,774.17	1,508.98	2,905.67	102,920.14
	November	\$17,468.19	1,178,221.76	1,159,444.93	\$1,238.20	18,776.83	-	8,898.74	1,531.69	2,946.92	116,297.50
	December	-	-	-	-	-	\$14,514.18	-	-	-	116,297.50
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Underground Conductor Devices- Account 367 43 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	\$6.13	6.13	6.08	\$0.05	0.05		0.05	0.01	0.02	0.08
	October	\$1.19	7.32	7.25	\$0.02	0.07		0.06	0.02	0.02	0.17
	November	\$0.14	7.46	7.38	\$0.01	0.08		0.06	0.02	0.02	0.26
	December	\$60.88	68.34	67.53	\$0.73	0.81	\$0.81	0.52	0.15	0.17	1.09
2019	January	\$0.00	68.34	67.39	\$0.14	0.95		0.52	0.15	0.17	0.84
	February	\$0.00	68.34	67.26	\$0.13	1.08		0.52	0.15	0.17	1.67
	March	\$0.00	68.34	67.12	\$0.14	1.22		0.52	0.15	0.17	2.51
	April	\$0.00	68.34	66.98	\$0.14	1.36		0.51	0.15	0.17	3.34
	May	\$0.00	68.34	66.85	\$0.13	1.49		0.51	0.15	0.17	4.17
	June	\$0.00	68.34	66.71	\$0.14	1.63		0.51	0.15	0.17	5.00
	July	\$263.17	331.51	327.93	\$1.95	3.58		2.52	0.72	0.83	9.07
	August	\$20.56	352.07	347.93	\$0.56	4.14		2.67	0.76	0.88	13.38
	September	\$0.00	352.07	347.51	\$0.42	4.56		2.67	0.76	0.88	17.70
	October	(\$0.01)	352.06	347.08	\$0.42	4.98		2.66	0.76	0.88	22.01
	November	\$0.00	352.06	346.67	\$0.41	5.39		2.66	0.76	0.88	26.31
	December	\$0.00	352.06	346.25	\$0.42	5.81	\$5.00	2.66	0.76	0.88	30.61
2020	January	\$0.00	352.06	345.56	\$0.69	6.50		2.65	0.76	0.88	4.29
	February	\$0.00	352.06	344.86	\$0.70	7.20		2.65	0.76	0.88	8.58
	March	\$0.00	352.06	344.15	\$0.71	7.91		2.64	0.76	0.87	12.86
	April	\$0.00	352.06	343.46	\$0.69	8.60		2.64	0.76	0.87	17.13
	May	\$235.02	587.08	576.62	\$1.86	10.46		4.43	1.27	1.47	24.29
	June	\$5.53	592.61	581.20	\$0.95	11.41		4.46	1.28	1.48	31.52
	July	\$1,177.02	1,769.63	1,749.18	\$9.04	20.45		13.42	3.83	4.45	53.22
	August	\$1,249.80	3,019.43	2,987.02	\$11.96	32.41		22.93	6.54	7.59	90.28
	September	\$494.75	3,514.18	3,474.07	\$7.70	40.11		26.66	7.61	8.83	133.39
	October	\$1,106.66	4,620.84	4,566.01	\$14.72	54.83		35.04	10.01	11.61	190.05
	November	\$1,176.21	5,797.05	5,724.57	\$17.65	72.48		43.94	12.56	14.55	261.09
	December	-	-	-	-	-	\$66.67	-	-	-	261.09
2021	January	-	-	-	-	-		-	-	-	-
	February	-	-	-	-	-		-	-	-	-
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Line Transformers - Account 368 30 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	July	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	August	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	September	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	October	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	November	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	December	\$0.00	\$0.00	-	\$0.00	-	\$0.00	-	-	-	-
2018	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	\$963.46	\$963.46	\$957.88	\$5.58	5.58	7.35	3.05	2.43	12.84	
	June	\$72.16	\$1,035.62	\$1,027.19	\$2.85	8.43	7.88	3.28	2.61	26.61	
	July	(\$1.88)	\$1,033.74	\$1,023.90	\$1.41	9.84	7.86	3.27	2.60	40.35	
	August	\$145,546.31	\$146,580.05	\$144,986.02	\$1,584.19	1,594.03	1,112.77	464.17	368.51	1,985.79	
	September	\$27,221.27	\$173,801.32	\$171,672.63	\$534.66	2,128.69	1,317.59	550.37	436.33	4,290.08	
	October	\$20,120.14	\$193,921.46	\$191,279.56	\$513.21	2,641.90	1,468.07	614.08	486.17	6,858.41	
	November	\$7,365.67	\$201,287.13	\$198,267.48	\$377.75	3,019.65	1,521.70	637.41	503.93	9,521.45	
	December	(\$26,102.71)	\$175,184.42	\$172,314.45	(\$149.68)	2,869.97	\$2,869.97	1,322.51	554.75	437.97	11,836.68
2019	January	(\$14,983.81)	\$160,200.61	\$157,186.20	\$144.44	3,014.41	1,206.40	507.30	399.51	2,113.22	
	February	\$95,904.82	\$256,105.43	\$252,399.44	\$691.58	3,705.99	1,937.17	811.00	641.52	5,502.90	
	March	\$11,468.87	\$267,574.30	\$263,292.25	\$576.06	4,282.05	2,020.77	847.32	669.20	9,040.19	
	April	\$31,803.81	\$299,378.11	\$294,382.87	\$713.19	4,995.24	2,259.39	948.03	748.22	12,995.83	
	May	\$289,037.56	\$588,415.67	\$580,880.70	\$2,539.73	7,534.97	4,458.26	1,863.32	1,476.41	20,793.81	
	June	\$48,102.06	\$636,517.73	\$627,671.62	\$1,311.14	8,846.11	4,817.38	2,015.64	1,595.33	29,222.16	
	July	\$85,773.84	\$722,291.57	\$711,588.63	\$1,856.83	10,702.94	5,461.44	2,287.26	1,808.62	38,779.48	
	August	\$47,023.98	\$769,315.55	\$756,938.52	\$1,674.09	12,377.03	5,809.50	2,436.17	1,923.89	48,949.04	
	September	\$82,505.72	\$851,821.27	\$837,210.32	\$2,233.92	14,610.95	6,425.59	2,697.43	2,127.91	60,199.97	
	October	\$62,116.19	\$913,937.46	\$897,142.37	\$2,184.14	16,795.09	6,885.57	2,894.14	2,280.24	72,259.91	
	November	\$163,440.72	\$1,077,378.18	\$1,056,712.63	\$3,870.46	20,665.55	8,110.27	3,411.70	2,685.81	86,467.69	
	December	\$666,925.32	\$1,744,303.50	\$1,711,096.49	\$12,541.46	33,207.01	\$30,337.04	13,132.67	5,523.63	4,349.04	109,473.02
2020	January	\$518,046.85	\$2,262,350.35	\$2,220,384.84	\$8,758.50	41,965.51	17,041.45	7,164.11	5,643.48	29,849.04	
	February	\$131,754.54	\$2,394,104.89	\$2,346,317.12	\$5,822.26	47,787.77	18,007.98	7,581.33	5,963.56	61,401.91	
	March	\$130,160.44	\$2,524,265.33	\$2,470,812.29	\$5,665.27	53,453.04	18,963.48	7,993.51	6,279.98	94,638.89	
	April	\$201,333.17	\$2,725,598.50	\$2,664,516.20	\$7,629.26	61,082.30	20,450.16	8,631.06	6,772.31	130,492.42	
	May	\$111,833.90	\$2,837,432.40	\$2,769,767.38	\$6,582.72	67,665.02	21,257.96	8,985.20	7,039.83	167,775.41	
	June	\$225,484.22	\$3,062,916.62	\$2,987,008.14	\$8,243.46	75,908.48	22,925.29	9,699.24	7,591.98	207,991.92	
	July	(\$23,665.53)	\$3,039,251.09	\$2,959,914.11	\$3,428.50	79,336.98	22,717.34	9,624.30	7,523.12	247,856.67	
	August	\$110,225.55	\$3,149,476.64	\$3,062,875.08	\$7,264.58	86,601.56	23,507.57	9,973.34	7,784.81	289,122.38	
	September	\$236,051.29	\$3,385,527.93	\$3,290,524.27	\$8,402.10	95,003.66	25,254.77	10,720.84	8,363.42	333,461.41	
	October	\$209,853.53	\$3,595,381.46	\$3,490,882.42	\$9,495.38	104,499.04	26,792.52	11,385.37	8,872.66	380,511.97	
	November	\$114,674.95	\$3,710,056.41	\$3,597,008.71	\$8,548.66	113,047.70	27,607.04	11,748.51	9,142.40	429,009.92	
	December	-	-	-	-	-	\$79,840.69	-	-	-	429,009.92
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Services - Account 369 41 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	January	\$0.00	\$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	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	July	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	August	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	September	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	October	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	November	\$0.00	\$0.00	-	\$0.00	-	-	-	-	-	-
	December	\$0.00	\$0.00	-	\$0.00	-	\$0.00	-	-	-	-
2018	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	\$0.00	-	-	-	-	-	-
	June	\$147.20	\$147.20	\$146.45	\$0.75	0.75	1.12	0.40	0.37	1.90	1.90
	July	\$392.28	\$539.48	\$536.27	\$2.46	3.21	4.12	1.47	1.36	8.85	8.85
	August	\$47.73	\$587.21	\$583.22	\$0.78	3.99	4.48	1.60	1.48	16.41	16.41
	September	\$0.00	\$587.21	\$582.72	\$0.50	4.49	4.47	1.60	1.48	23.96	23.96
	October	\$0.00	\$587.21	\$582.21	\$0.51	5.00	4.47	1.60	1.48	31.51	31.51
	November	\$0.00	\$587.21	\$581.71	\$0.50	5.50	4.46	1.60	1.48	39.05	39.05
	December	\$0.00	\$587.21	\$581.21	\$0.50	6.00	\$6.00	4.46	1.60	46.59	46.59
2019	January	\$0.00	\$587.21	\$580.21	\$1.00	7.00	4.45	1.60	1.47	7.53	7.53
	February	\$0.00	\$587.21	\$579.20	\$1.01	8.01	4.45	1.60	1.47	15.05	15.05
	March	\$0.00	\$587.21	\$578.19	\$1.01	9.02	4.44	1.60	1.47	22.55	22.55
	April	\$0.00	\$587.21	\$577.18	\$1.01	10.03	4.43	1.60	1.47	30.05	30.05
	May	\$0.00	\$587.21	\$576.17	\$1.01	11.04	4.42	1.60	1.46	37.54	37.54
	June	\$0.00	\$587.21	\$575.16	\$1.01	12.05	4.41	1.60	1.46	45.01	45.01
	July	\$0.00	\$587.21	\$574.14	\$1.02	13.07	4.41	1.60	1.46	52.48	52.48
	August	\$0.00	\$587.21	\$573.13	\$1.01	14.08	4.40	1.60	1.46	59.93	59.93
	September	\$0.00	\$587.21	\$572.11	\$1.02	15.10	4.39	1.60	1.45	67.38	67.38
	October	\$0.00	\$587.21	\$571.09	\$1.02	16.12	4.38	1.60	1.45	74.81	74.81
	November	\$61.38	\$648.59	\$630.88	\$1.59	17.71	4.84	1.77	1.60	83.03	83.03
	December	\$304.25	\$952.84	\$930.95	\$4.18	21.89	\$15.89	7.15	2.60	95.14	95.14
2020	January	\$44.47	\$997.31	\$973.24	\$2.18	24.07	7.47	2.72	2.47	12.66	12.66
	February	\$0.00	\$997.31	\$971.52	\$1.72	25.79	7.46	2.72	2.47	25.30	25.30
	March	\$4.45	\$1,001.76	\$974.18	\$1.79	27.58	7.48	2.73	2.48	37.99	37.99
	April	\$503.73	\$1,505.49	\$1,470.34	\$7.57	35.15	11.28	4.10	3.74	57.11	57.11
	May	\$3,710.84	\$5,216.33	\$5,161.82	\$19.36	54.51	39.62	14.21	13.12	124.06	124.06
	June	\$159.21	\$5,375.54	\$5,314.21	\$6.82	61.33	40.79	14.65	13.51	193.00	193.00
	July	\$4,690.69	\$10,066.23	\$9,933.73	\$71.17	132.50	76.24	27.43	25.25	321.92	321.92
	August	\$2,172.79	\$12,239.02	\$12,045.68	\$60.84	193.34	92.45	33.35	30.62	478.34	478.34
	September	\$9,810.92	\$22,049.94	\$21,761.12	\$95.48	288.82	167.02	60.09	55.31	760.75	760.75
	October	\$959.66	\$23,009.60	\$22,688.56	\$32.22	321.04	174.13	62.70	57.67	1,055.26	1,055.26
	November	\$12,227.35	\$35,236.95	\$34,776.66	\$139.25	460.29	266.91	96.02	88.39	1,506.58	1,506.58
	December	-	-	-	-	-	\$438.40	-	-	-	1,506.58
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Meters - Account 370 27 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	January	\$0.00	\$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	\$0.00	\$0.00	-	\$0.00	-		-	-	-	-
	July	\$0.00	\$0.00	-	\$0.00	-		-	-	-	-
	August	\$0.00	\$0.00	-	\$0.00	-		-	-	-	-
	September	\$0.00	\$0.00	-	\$0.00	-		-	-	-	-
	October	\$0.00	\$0.00	-	\$0.00	-		-	-	-	-
	November	\$0.00	\$0.00	-	\$0.00	-		-	-	-	-
	December	\$0.00	\$0.00	-	\$0.00	-	\$0.00	-	-	-	-
2018	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	\$0.00	-		-	-	-	-
	June	\$0.00	\$0.00	\$0.00	\$0.00	-		-	-	-	-
	July	\$0.00	\$0.00	\$0.00	\$0.00	-		-	-	-	-
	August	\$7,193.40	\$7,193.40	\$7,101.69	\$91.71	91.71		54.51	24.40	18.05	96.95
	September	\$902.47	\$8,095.87	\$8,100.34	(\$96.18)	(4.47)		62.17	27.46	20.59	207.17
	October	\$583.43	\$8,679.30	\$8,696.67	(\$12.90)	(17.37)		66.75	29.44	22.10	325.46
	November	\$591.88	\$9,271.18	\$9,301.06	(\$12.51)	(29.88)		71.39	31.44	23.64	451.93
	December	(\$1,286.23)	\$7,984.95	\$8,021.92	(\$7.09)	(36.97)	(\$36.97)	61.57	27.08	20.39	560.97
2019	January	\$2,325.11	\$10,310.06	\$10,381.21	(\$34.18)	(71.15)		79.68	34.97	26.39	141.03
	February	\$1,956.06	\$12,266.12	\$12,402.08	(\$64.81)	(135.96)		95.19	41.60	31.52	309.34
	March	\$1,153.30	\$13,419.42	\$13,614.20	(\$58.82)	(194.78)		104.49	45.51	34.60	493.95
	April	\$2,071.35	\$15,490.77	\$15,746.79	(\$61.24)	(256.02)		120.86	52.54	40.02	707.37
	May	\$19,195.44	\$34,686.21	\$35,101.54	(\$159.31)	(415.33)		269.40	117.64	89.22	1,183.63
	June	\$2,775.05	\$37,461.26	\$38,031.41	(\$154.82)	(570.15)		291.89	127.06	96.66	1,699.24
	July	\$5,901.00	\$43,362.26	\$44,189.71	(\$257.30)	(827.45)		339.16	147.07	112.32	2,297.78
	August	\$7,742.16	\$51,104.42	\$52,330.33	(\$398.46)	(1,225.91)		401.64	173.33	133.01	3,005.75
	September	\$474.17	\$51,578.59	\$53,076.59	(\$272.09)	(1,498.00)		407.36	174.94	134.90	3,722.96
	October	\$13.80	\$51,592.39	\$53,267.88	(\$177.49)	(1,675.49)		408.83	174.98	135.39	4,442.16
	November	\$1,053.12	\$52,645.51	\$54,349.99	(\$28.99)	(1,704.48)		417.14	178.56	138.14	5,175.99
	December	\$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
2020	January	\$848.72	\$56,528.78	\$58,497.01	(\$144.91)	(1,968.23)		448.96	191.73	148.68	789.37
	February	\$248.76	\$56,777.54	\$59,014.34	(\$268.57)	(2,236.80)		452.94	192.57	149.99	1,584.87
	March	(\$3,333.67)	\$53,443.87	\$55,647.22	\$33.45	(2,203.35)		427.09	181.26	141.44	2,334.66
	April	(\$9,037.46)	\$44,406.41	\$46,398.28	\$211.48	(1,991.87)		356.11	150.61	117.93	2,959.31
	May	(\$563.09)	\$43,843.32	\$45,777.16	\$58.03	(1,933.84)		351.34	148.70	116.35	3,575.70
	June	\$6.02	\$43,849.34	\$45,521.84	\$261.34	(1,672.50)		349.38	148.72	115.70	4,189.51
	July	\$780.75	\$44,630.09	\$46,227.16	\$75.43	(1,597.07)		354.79	151.37	117.49	4,813.17
	August	(\$2.49)	\$44,627.60	\$46,089.41	\$135.26	(1,461.81)		353.74	151.36	117.14	5,435.41
	September	\$0.00	\$44,627.60	\$45,939.47	\$149.94	(1,311.87)		352.59	151.36	116.76	6,056.12
	October	\$12,373.40	\$57,001.00	\$58,520.08	(\$207.21)	(1,519.08)		449.14	193.33	148.74	6,847.33
	November	\$0.00	\$57,001.00	\$58,241.13	\$278.95	(1,240.13)		447.00	193.33	148.03	7,635.68
	December						\$583.19	-	-	-	7,635.68
2021	January	-	-	-	-	-		-	-	-	-
	February	-	-	-	-	-		-	-	-	-
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-
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	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-

Note: Capital is booked one month in arrears.



gridSMART Phase 2 NBV  
Depreciation Tables

		AMI Meters - In Service - Account 370.16 15 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	January										
	February										
	March										
	April	\$1,239.87	1,239.87	1,222.50	\$17.37	17.37		10.74	8.47	3.11	22.32
	May	\$7,516.82	8,756.69	8,602.31	\$137.01	154.38		75.56	59.84	21.86	179.58
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December	\$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
2018	January	\$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
	February	\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December	\$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
2019	January	(\$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
	February	\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December	\$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
2020	January	\$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
	February	\$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
	March	\$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
	April	\$569,560.22	161,383,541.41	137,210,895.09	\$921,536.97	24,172,646.32		1,053,083.62	985,784.47	348,744.36	9,527,993.39
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December						\$9,391,023.42	-	-	-	26,294,701.03
2021	January	-	-	-	-	-		-	-	-	-
	February	-	-	-	-	-		-	-	-	-
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-
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	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV

Depreciation Tables

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	Annual Depreciation Expense	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	-	-	-	-	-	\$17.00	-	-	-	41.80
2021	January	-	-	-	-	-		-	-	-	-
	February	-	-	-	-	-		-	-	-	-
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Street Lighting & Signal Sys Total - Account 373 20 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	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	\$18.64	18.64	18.52	\$0.12	0.12	0.14	0.10	0.05	0.29	0.29
	April	\$4.39	23.03	22.83	\$0.08	0.20	0.18	0.12	0.06	0.64	0.64
	May	\$16.22	39.25	38.83	\$0.22	0.42	0.30	0.20	0.10	1.24	1.24
	June	\$1.20	40.45	39.93	\$0.10	0.52	0.31	0.21	0.10	1.85	1.85
	July	\$0.39	40.84	40.22	\$0.10	0.62	0.31	0.21	0.10	2.48	2.48
	August	\$12.24	53.08	52.16	\$0.30	0.92	0.40	0.27	0.13	3.28	3.28
	September	\$2.65	55.73	54.64	\$0.17	1.09	0.42	0.29	0.14	4.13	4.13
	October	\$0.00	55.73	54.52	\$0.12	1.21	0.42	0.29	0.14	4.97	4.97
	November	\$0.00	55.73	54.40	\$0.12	1.33	0.42	0.29	0.14	5.82	5.82
	December	\$1.08	56.81	55.32	\$0.16	1.49	\$1.49	0.42	0.29	6.68	6.68
2020	January	\$0.16	56.97	55.26	\$0.22	1.71	0.42	0.29	0.14	0.86	0.86
	February	\$0.00	56.97	55.05	\$0.21	1.92	0.42	0.29	0.14	1.72	1.72
	March	\$0.67	57.64	55.48	\$0.24	2.16	0.43	0.30	0.14	2.58	2.58
	April	\$0.00	57.64	55.25	\$0.23	2.39	0.42	0.30	0.14	3.44	3.44
	May	\$0.00	57.64	55.02	\$0.23	2.62	0.42	0.30	0.14	4.30	4.30
	June	(\$0.19)	57.45	54.62	\$0.21	2.83	0.42	0.30	0.14	5.16	5.16
	July	(\$0.04)	57.41	54.35	\$0.23	3.06	0.42	0.30	0.14	6.01	6.01
	August	\$0.00	57.41	54.12	\$0.23	3.29	0.42	0.30	0.14	6.86	6.86
	September	\$546.59	604.00	589.79	\$10.92	14.21	4.53	3.12	1.50	16.01	16.01
	October	\$6.61	610.61	594.63	\$1.77	15.98	4.56	3.15	1.51	25.24	25.24
	November	\$471.12	1,081.73	1,052.96	\$12.79	28.77	8.08	5.59	2.68	41.58	41.58
	December	-	-	-	-	-	\$27.28	-	-	-	41.58
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Office Furniture & Equip 391 30 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	\$112,941.71	112,941.71	112,941.71	\$0.00	-	-	866.83	313.41	287.06	1,467.30
	September	\$0.00	112,941.71	112,941.71	\$0.00	-	-	866.83	313.41	287.06	2,934.60
	October	\$0.00	112,941.71	112,941.71	\$0.00	-	-	866.83	313.41	287.06	4,401.90
	November	\$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
	December	\$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
2019	January	\$0.00	142,153.24	139,246.62	\$430.84	2,906.62	-	1,068.72	394.48	353.92	1,817.11
	February	\$0.00	142,153.24	138,811.51	\$435.11	3,341.73	-	1,065.38	394.48	352.81	3,629.78
	March	\$0.00	142,153.24	138,372.52	\$438.99	3,780.72	-	1,062.01	394.48	351.70	5,437.96
	April	\$0.00	142,153.24	137,930.05	\$442.47	4,223.19	-	1,058.61	394.48	350.57	7,241.62
	May	\$0.00	142,153.24	137,486.87	\$443.18	4,666.37	-	1,055.21	394.48	349.45	9,040.75
	June	\$0.00	142,153.24	137,040.98	\$445.89	5,112.26	-	1,051.79	394.48	348.31	10,835.33
	July	\$0.00	142,153.24	136,591.43	\$449.55	5,561.81	-	1,048.34	394.48	347.17	12,625.31
	August	\$0.00	142,153.24	136,140.33	\$451.10	6,012.91	-	1,044.88	394.48	346.02	14,410.69
	September	\$0.00	142,153.24	135,686.28	\$454.05	6,466.96	-	1,041.39	394.48	344.87	16,191.43
	October	\$0.00	142,153.24	135,233.07	\$453.21	6,920.17	-	1,037.91	394.48	343.72	17,967.53
	November	\$0.00	142,153.24	134,784.45	\$448.62	7,368.79	-	1,034.47	394.48	342.58	19,739.06
	December	\$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
2020	January	\$0.00	142,153.24	133,878.83	\$460.24	8,274.41	-	1,027.52	394.48	340.28	1,762.27
	February	\$0.00	142,153.24	133,417.97	\$460.86	8,735.27	-	1,023.98	394.48	339.10	3,519.83
	March	\$0.00	142,153.24	132,957.21	\$460.76	9,196.03	-	1,020.45	394.48	337.93	5,272.69
	April	\$0.00	142,153.24	132,496.24	\$460.97	9,657.00	-	1,016.91	394.48	336.76	7,020.83
	May	\$0.00	142,153.24	132,035.32	\$460.92	10,117.92	-	1,013.37	394.48	335.59	8,764.27
	June	\$0.00	142,153.24	131,574.80	\$460.52	10,578.44	-	1,009.84	394.48	334.42	10,503.00
	July	\$0.00	142,153.24	131,115.06	\$459.74	11,038.18	-	1,006.31	394.48	333.25	12,237.03
	August	\$0.00	142,153.24	130,656.25	\$458.81	11,496.99	-	1,002.79	394.48	332.08	13,966.38
	September	\$0.00	142,153.24	130,198.64	\$457.61	11,954.60	-	999.27	394.48	330.92	15,691.05
	October	\$0.00	142,153.24	129,742.65	\$455.99	12,410.59	-	995.77	394.48	329.76	17,411.06
	November	\$0.00	142,153.24	129,288.77	\$453.88	12,864.47	-	992.29	394.48	328.61	19,126.44
	December	-	-	-	-	-	\$5,050.30	-	-	-	19,126.44
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

		Communications Equipment 397 35 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	\$77,086.89	77,086.89	76,353.51	\$733.38	733.38		586.01	247.32	194.07	1,027.40
	September	\$24,944.92	102,031.81	100,939.93	\$358.50	1,091.88		774.71	327.35	256.56	2,386.02
	October	\$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
	November	\$56,283.69	241,656.95	238,500.76	\$952.79	3,156.19		1,830.49	775.32	606.19	8,064.14
	December	\$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
2019	January	\$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
	February	(\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December	\$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
2020	January	\$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
	February	\$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
	March	\$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
	April	(\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	(\$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
	December	-	-	-	-	-	\$63,903.68	-	-	-	353,788.65
2021	January	-	-	-	-	-		-	-	-	-
	February	-	-	-	-	-		-	-	-	-
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-
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	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-

Note: Capital is booked one month in arrears.

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	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	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	-	-	-	-
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	-	-	-	-	-	-
2019	January	\$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
	February	\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December	\$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
2020	January	\$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
	February	\$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
	March	\$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
	April	\$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
	May	\$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
	June	\$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
	July	\$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
	August	\$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
	September	\$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
	October	\$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
	November	\$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
	December	-	-	-	-	-	\$371,979.19	-	-	-	-
2021	January	-	-	-	-	-	-	-	-	-	-
	February	-	-	-	-	-	-	-	-	-	-
	March	-	-	-	-	-	-	-	-	-	-
	April	-	-	-	-	-	-	-	-	-	-
	May	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
	June	-	-	-	-	-	-	-	-	-	-
	July	-	-	-	-	-	-	-	-	-	-
	August	-	-	-	-	-	-	-	-	-	-
	September	-	-	-	-	-	-	-	-	-	-
	October	-	-	-	-	-	-	-	-	-	-
	November	-	-	-	-	-	-	-	-	-	-
	December	-	-	-	-	-	-	-	-	-	-

Note: Capital is booked one month in arrears.

gridSMART Phase 2 NBV  
Depreciation Tables

Depreciation Tables		22,000 AMI Meters 15 Year Life									
		Gross Capital Expenditure (booked cost)	Cumulative Gross Plant	Net Plant	Depreciation Reserve	Accumulated Depreciation	Annual Depreciation Expense	Return Carrying Charge Rate	Depreciation Carrying Charge Rate	Property Carrying Charge	Annual Carrying Charge
2017	January										
	February										
	March					\$4,091,443.76					
2017	April	\$5,967,610.89	5,967,610.89	1,835,388.46	\$40,778.67	\$4,132,222.43		16,120.83	40,778.67	4,664.95	61,564.45
	May	\$0.00	5,967,610.89	1,794,609.78	\$40,778.67	\$4,173,001.11		15,762.66	40,778.67	4,561.30	122,667.08
	June	\$0.00	5,967,610.89	1,753,831.11	\$40,778.67	4,213,779.78		15,404.48	40,778.67	4,457.65	183,307.89
	July	\$0.00	5,967,610.89	1,713,052.44	\$40,778.67	4,254,558.45		15,046.31	40,778.67	4,354.01	243,486.88
	August	\$0.00	5,967,610.89	1,672,273.76	\$40,778.67	4,295,337.13		14,688.14	40,778.67	4,250.36	303,204.06
	September	\$0.00	5,967,610.89	1,631,495.09	\$40,778.67	4,336,115.80		14,329.97	40,778.67	4,146.72	362,459.41
	October	\$0.00	5,967,610.89	1,590,716.41	\$40,778.67	4,376,894.48		13,971.79	40,778.67	4,043.07	421,252.95
	November	\$0.00	5,967,610.89	1,549,937.74	\$40,778.67	4,417,673.15		13,613.62	40,778.67	3,939.43	479,584.67
	December	\$0.00	5,967,610.89	1,509,159.06	\$40,778.67	4,458,451.83	\$367,008.07	11,796.59	40,778.67	3,835.78	535,995.72
2018	January	\$0.00	5,967,610.89	1,468,380.39	\$40,778.67	4,499,230.50		11,477.84	40,778.67	3,732.13	55,988.65
	February	\$0.00	5,967,610.89	1,427,601.72	\$40,778.67	4,540,009.17		11,159.09	40,778.67	3,628.49	111,554.90
	March	\$0.00	5,967,610.89	1,386,823.04	\$40,778.67	4,580,787.85		10,840.33	40,778.67	3,524.84	166,698.75
	April	\$0.00	5,967,610.89	1,346,044.37	\$40,778.67	4,621,566.52		10,521.58	40,778.67	3,421.20	221,420.20
	May	\$0.00	5,967,610.89	1,305,265.69	\$40,778.67	4,662,345.20		10,017.91	36,452.16	3,317.55	271,207.82
	June	\$0.00	5,967,610.89	1,268,813.54	\$36,452.16	4,698,797.35		9,738.14	36,452.16	3,224.90	320,623.02
	July	\$0.00	5,967,610.89	1,232,361.38	\$36,452.16	4,735,249.51		9,458.37	36,452.16	3,132.25	369,665.80
	August	\$0.00	5,967,610.89	1,195,909.22	\$36,452.16	4,771,701.67		9,178.60	36,452.16	3,039.60	418,336.16
	September	\$0.00	5,967,610.89	1,159,457.07	\$36,452.16	4,808,153.82		8,898.83	36,452.16	2,946.95	466,634.11
	October	\$0.00	5,967,610.89	1,123,004.91	\$36,452.16	4,844,605.98		8,619.06	36,452.16	2,854.30	514,559.63
	November	\$0.00	5,967,610.89	1,086,552.75	\$36,452.16	4,881,058.14		8,339.29	36,452.16	2,761.65	562,112.73
	December	\$0.00	5,967,610.89	1,050,100.60	\$36,452.16	4,917,510.29	\$459,058.47	8,059.52	36,452.16	2,669.01	609,293.42
2019	January	\$0.00	5,967,610.89	1,013,648.44	\$36,452.16	4,953,962.45		7,779.75	36,452.16	2,576.36	46,808.26
	February	\$0.00	5,967,610.89	977,196.28	\$36,452.16	4,990,414.61		7,499.98	36,452.16	2,483.71	93,244.11
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-	\$72,904.31	-	-	-	-
2020	January	-	-	-	-	-		-	-	-	-
	February	-	-	-	-	-		-	-	-	-
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-	\$0.00	-	-	-	-
2021	January	-	-	-	-	-		-	-	-	-
	February	-	-	-	-	-		-	-	-	-
	March	-	-	-	-	-		-	-	-	-
	April	-	-	-	-	-		-	-	-	-
	May	-	-	-	-	-		-	-	-	-
	June	-	-	-	-	-		-	-	-	-
	July	-	-	-	-	-		-	-	-	-
	August	-	-	-	-	-		-	-	-	-
	September	-	-	-	-	-		-	-	-	-
	October	-	-	-	-	-		-	-	-	-
	November	-	-	-	-	-		-	-	-	-
	December	-	-	-	-	-		-	-	-	-
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	-	-	-	-	-		-	-	-	-

Note: Capital is booked one month in arrears.

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# **ATTACHMENT 3**

## **NON FINANCIAL METRICS**

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# NON FINANCIAL METRICS

AMI / Meter Metrics					
Physical Meters	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
<b># of Certified Meters</b> <i>See Appendix A for monthly detail</i>	The number of AMI meters installed, communicating, and available for billing within the Phase 1 and Phase 2 deployment area.	Start of Phase 2 • # of Phase 1 Meters as of 2/1/2017 • Snapshot at baseline date	134,349	1,026,887	1,056,849
<b>AMI meters installed, but not certified</b> <i>See Appendix B for monthly detail</i>	The number of AMI meters installed, but not communicating and considered Active within the Phase 2 deployment area.	Start of Phase 2 • # of Phase 1 Meters as of 2/1/2017 • Snapshot at baseline date	0	0	0
<b>Certified smart meter failures</b> <i>See Appendix C for monthly detail</i>	The number of certified AMI Meters that are removed due to defect. • Includes Phase 1 & Phase 2 areas	End of Phase 1 • Total # of failures between 1/15/2009 and 12/31/2013 • Phase 1 footprint	403	2,475	2,509
<b>Meters salvaged (#)</b> <i>See Appendix D for monthly detail</i>	The number of meters removed from Phase 2 premises and sent to salvage.	End of Phase 1 • Total # of meters that were removed from Phase 1 premises	48,663	427,706	210,654
<b>Meters salvaged (\$)</b> <i>See Appendix D for monthly detail</i>	The dollar value of meters removed from Phase 2 premises and sent to salvage.	End of Phase 1 • Total \$ of meters that were removed from Phase 1 premises	\$48,176	\$192,468	\$94,794
<b>Meters transferred (#)<sup>1</sup></b> <i>See Appendix E for monthly detail</i>	The number of meters removed from Phase 2 Premises and transferred between AEP operating companies outside of Ohio.	End of Phase 1 • Total # of meters that were removed from Phase 1 premises between 12/1/2009 and 12/31/2013 and transferred to AEP operating companies outside of Ohio	9,522	3,122	14,401
<b>Meters transferred (\$)<sup>1</sup></b> <i>See Appendix E for monthly detail</i>	The dollar value of meters removed from Phase 2 Premises and transferred between AEP operating companies outside of Ohio.	End of Phase 1 • Total \$ of meters that were removed from Phase 1 premises between 12/1/2009 and 12/31/2013 and transferred to AEP operating companies outside of Ohio	\$260,177	\$296,955	\$1,289,166
Meter Reading	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
<b>Manual Meter Reads</b> <i>See Appendix F for monthly detail</i>	Within the Phase 2 deployment area, the number of meter reads conducted by an individual onsite for monthly billing.	Start of Phase 2 • 12 months ending 2/1/2017 • Total of monthly data • Within Phase 2 Footprint	7,913,659	1,628,989	70,180
<b>Successful ("actual" for the purpose of billing) AMI meter reads</b> <i>See Appendix G for monthly detail</i>	Within the Phase 2 deployment area, the total of "Actual" reads recorded from AMI meters.	Start with actuals as of first report date	n/a	9,896,988	11,269,476
<b>Successful ("actual" for the purpose of billing) AMR meter reads</b> <i>See Appendix H for monthly detail</i>	Within the Phase 2 deployment area, the total of "Actual" reads recorded from AMR meters.	Start with actuals as of first report date	n/a	525,242	45,036
<b>Meter readers employed by AEP Ohio, expressed in FTEs</b> <i>See Appendix I for monthly detail</i>	Number of meter readers (expressed in FTE) employed by AEP Ohio each month	End of Phase 1 • # of AEP Ohio meter readers as of 12/31/2013 • Snapshot at baseline date	101	14	0
<b>Meter readers employed by external contractor, expressed in FTEs</b> <i>See Appendix I for monthly detail</i>	Number of meter readers (expressed in FTE) employed by contractor each month	End of Phase 1 • # of contracted meter readers as of 12/31/2013 • Snapshot at baseline date	47	0	0
Billing Related	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
<b>Residential bills issued</b> <i>See Appendix J for monthly detail</i>	Number of residential bills issued each month, system-wide	Start of Phase 2 • 12 months ending 2/1/2017 • Total of monthly data	15,669,629	15,876,987	15,961,259
<b>Residential bills based upon estimated read</b> <i>See Appendix J for monthly detail</i>	Number of estimated residential bills issued each month, system-wide	Start of Phase 2 • 12 months ending 2/1/2017 • Total of monthly data	1,204,165	239,119	60,211
<b>Customers eligible for disconnect due to non-pay (System)</b> <i>See Appendix K for monthly detail</i>	Number of customers eligible for disconnection each month, system-wide	Start with actuals as of first report date	n/a	625,722	885,904
<b>Customers eligible for disconnect due to non-pay (Phase 2)</b> <i>See Appendix K for monthly detail</i>	Number of customers eligible for disconnection each month, Phase 2 deployment area only	Start with actuals as of first report date	n/a	382,641	564,926
<b>Non-Pay Disconnects (System)</b> <i>See Appendix K for monthly detail</i>	Number of customers disconnected due to non-pay each month, system-wide	Start with actuals as of first report date	n/a	165,862	97,684
<b>Non-Pay Disconnects (Phase 2)</b> <i>See Appendix K for monthly detail</i>	Number of customers disconnected due to non-pay each month, Phase 2 only	Start with actuals as of first report date	n/a	117,863	72,045
<b>Power theft cases (#)</b> <i>See Appendix L for monthly detail</i>	Number of power theft cases found each month, system-wide	Start of Phase 2 • Average monthly number as of 2/1/2017 • Average taken over 12 month period (2/2016 to 1/2017)	139 cases per month	983 cases per month	953 cases per month
<b>Power theft cases (\$)</b> <i>See Appendix M for monthly detail</i>	Monetary value of power theft cases found each month, system-wide	Start of Phase 2 • Average monthly number as of 2/1/2017 • Average taken over 12 month period (2/2016 to 1/2017)	\$222 per case per month \$30,726 total per month	\$172 per case per month \$169,612 total per month	\$208 per case per month \$198,485 total per month
Customers Impact Measures	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
<b>Total call center calls</b> <i>See Appendix N for monthly detail</i>	Number of call center calls received each month, system-wide. Total of monthly data.	Start of Phase 2 • 12 months ending 2/1/2017 • Total of monthly data	5,489,826	5,295,472	4,243,156
<b>Call center calls related to meter reading (IO40 Check Read Orders initiated at call center)</b> <i>See Appendix O for monthly detail</i>	Number of call center calls related to meter reading received each month, system-wide • Metric is being tracked as total of Check Read Orders (IO40s) issued by the call center.	Start with actuals as of first report date	n/a	6,928	1,939
<b>Call center calls related to billing complaints (IO04 HI/LO Bill Orders initiated at call center)</b> <i>See Appendix P for monthly detail</i>	Number of call center calls related to billing complaints received each month, system-wide. • Metric is being tracked as total of High/Low Bill complaint orders (IO04s) issued by the call center.	Start with actuals as of first report date	n/a	1,812	948
DACR Metrics					
**No Phase 2 DACR Circuit Schemes were added in 2017**					
DACR Circuit Metrics	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
<b>Circuits equipped with DACR</b>	Number of Phase 2 circuits newly equipped with DACR each month	End of Phase 1 • # of circuits as of 12/31/2013	70	7	38
<b>DACR opportunities<sup>1</sup></b>	For Phase 2 circuits, number of opportunities for DACR to operate each month	Start with actuals as of first report date	n/a	2	6
<b>DACR successes<sup>1</sup></b>	For Phase 2 circuits, number opportunities when DACR operated as intended each month	Start with actuals as of first report date	n/a	1.9	4.5
<b>DACR failures<sup>1</sup></b>	For Phase 2 circuits, number of opportunities when DACR did not operate as intended each month	Start with actuals as of first report date	n/a	0.1	1.5

## NON FINANCIAL METRICS

DACR Operational Efficiency Gains	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
Truck rolls related to an outage	For Phase 2 circuits, number of truck rolls related to an outage each month	Start with actuals as of first report date	n/a	158	373
Outage-related truck rolls avoided	For Phase 2 circuits, number of avoided truck rolls related to an outage each month	Start with actuals as of first report date	n/a	0	1
DACR Direct Customer Benefits	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
Customer Minutes Saved <sup>1</sup>	For Phase 2 circuits, the total customer minutes interrupted (CMI) avoided monthly due to successful self-healing events. <ul style="list-style-type: none"> <li>Number of customers saved by DACR multiplied by an estimated outage duration</li> <li>The estimated outage duration is an average of historical first step of restoration durations for outages in the impacted area</li> </ul>	Start of Phase 2 <ul style="list-style-type: none"> <li>12 months ending 2/1/2017</li> <li>Total of monthly data</li> <li>Excluding Ohio major events</li> </ul>	2,602,115	318,348	128,693
Allocated Customer Minutes Saved <sup>1</sup>	Customer minutes saved allocated by the customer class percentage on the circuit. See appendix W for details by circuit.	Commercial Industrial Other Public Authority Residential	N/A N/A N/A N/A N/A	23,678 303 0 1,756 292,610	11,648 280 224 1,091 115,450
Customer interruptions saved from DACR events <sup>1</sup>	For Phase 2 circuits, the total customer interruptions saved each month due to successful DACR events	Start with actuals as of first report date	n/a	2,868	1,027
VVO Metrics					
**No Phase 2 VVO Circuits were added in 2017*or 2018**					
VVO Energy Efficiency	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
Average MW saved due to VVO <sup>1</sup>	Provided by Utilidata from M&V data; Phase 2 VVO circuits only <ul style="list-style-type: none"> <li>Total MW saved due to VVO per month, system-wide</li> </ul>	Start with actuals as of first report date	n/a	7	15
MWh saved due to VVO <sup>1</sup>	Provided by Utilidata from M&V data; Phase 2 VVO circuits only <ul style="list-style-type: none"> <li>Total MWh saved due to VVO per month, system-wide</li> </ul>	Start with actuals as of first report date	n/a	1,692	3,167
Average system voltage <sup>1</sup>	For Phase 2 VVO circuits only, the average of the voltage at the substation on the secondary side of regulation. This an average of all 3 phases over the entire month.	Start with actuals as of first report date	n/a	120	120
VVO GHG Impact	Metric Definition	Baseline Detail and Timeline	Baseline Value	2019 YE Value	2020 YE Value
Reduction in greenhouse gases due to VVO (estimate metric tons) <sup>1</sup>	For Phase 2 circuits, the estimated reduction in greenhouse gases due to VVO per month <ul style="list-style-type: none"> <li>The number of MWh saved due to VVO on Phase 2 circuits, multiplied by 0.88442*</li> </ul> <p>*Based on 2014 EPA eGRID number for RFC West subregion of 1,949.8 lbs of cO2 per MWh, converted to metric tons per MWh.</p>	Start with actuals as of first report date	n/a	1,496	2,800

<sup>1</sup> Previously reported values revised, please see the appendix for details

Appendix A - Number of Certified Meters

Phase 1 Footprint	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	134,012	134,090	134,183	134,232	134,267	134,318	134,342	134,365	134,375	134,391	134,415	134,449
2018	134,459	134,479	134,501	134,513	134,512	134,534	134,523	134,534	134,554	134,590	134,615	134,631
2019	134,907	134,848	134,896	134,954	135,186	135,151	135,212	135,045	135,374	135,261	135,170	135,236
2020	135,370	135,087	135,115	134,979	135,159	135,335	135,654	135,635	135,289	135,158	135,194	135,229

Phase 2 Footprint	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	0	0	0	0	0	0	7	542	4,336	6,735	9,511	16,642
2018	33,357	65,510	106,753	148,870	186,393	227,388	272,129	325,190	373,746	440,703	493,084	536,674
2019	579,229	610,987	647,058	680,883	719,661	756,286	795,898	831,138	863,001	881,070	885,452	891,651
2020	897,441	901,586	904,884	907,353	909,410	912,059	913,788	915,988	917,820	919,381	920,038	921,620

Total Certified AMI Meters	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	134,012	134,090	134,183	134,232	134,267	134,318	134,349	134,907	138,711	141,126	143,926	151,091
2018	167,816	199,989	241,254	283,383	320,905	361,922	406,652	459,724	508,300	575,293	627,699	671,305
2019	714,136	745,835	781,954	815,837	854,847	891,437	931,110	966,183	998,375	1,016,331	1,020,622	1,026,887
2020	1,032,811	1,036,673	1,039,999	1,042,332	1,044,569	1,047,394	1,049,442	1,051,623	1,053,109	1,054,539	1,055,232	1,056,849

**Appendix B - AMI Meters Installed but Not Certified**

No data to report

Appendix C - Certified Smart Meter Failures

Phase 1 Footprint	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	188	395	127	137	148	180	145	54	301	270	45	62	2,052
2018	95	218	142	98	160	210	84	166	117	141	97	63	1,591
2019	175	53	62	100	275	254	199	115	256	240	174	299	2,202
2020	309	69	74	7	99	240	459	474	145	71	69	68	2,084

Phase 2 Footprint	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	0	0	0	0	0	0	0	0	1	1	2	0	4
2018	1	0	1	1	3	3	0	6	18	21	32	43	129
2019	8	28	27	40	31	18	25	12	16	11	30	27	273
2020	18	13	8	29	22	19	39	49	27	47	44	110	425

Total Smart Meter Failures	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	188	395	127	137	148	180	145	54	302	271	47	62	2,056
2018	96	218	143	99	163	213	84	172	135	162	129	106	1,720
2019	183	81	89	140	306	272	224	127	272	251	204	326	2,475
2020	327	82	82	36	121	259	498	523	172	118	113	178	2,509

Appendix D - Meters Salvaged

METERS SALVAGED	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2018	-	-	-	-	13,365	-	-	63,098	9,759	57,619	45,355	-	189,196
2019	18,673	29,040	67,958	30,086	49,136	20,140	-	60,786	57,066	-	56,190	38,631	427,706
2020	77,300	-	38,424	43,324	-	6,718	7,368	-	-	-	-	37,520	210,654
Total Salvaged Meters	95,973	29,040	106,382	73,410	62,501	26,858	7,368	123,884	66,825	57,619	101,545	76,151	827,556

METERS SALVAGED \$	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2018	\$ -	\$ -	\$ -	\$ -	\$ 11,546	\$ -	\$ -	\$ 54,510	\$ 8,431	\$ 49,777	\$ 20,410	\$ -	\$ 144,674
2019	\$ 8,403	\$ 13,068	\$ 30,581	\$ 13,539	\$ 22,111	\$ 9,063	\$ -	\$ 27,354	\$ 25,680	\$ -	\$ 25,286	\$ 17,384	\$ 192,468
2020	\$ 34,785	\$ -	\$ 17,291	\$ 19,496	\$ -	\$ 3,023	\$ 3,316	\$ -	\$ -	\$ -	\$ -	\$ 16,884	\$ 94,794
Value of Salvaged Meters	\$ 43,188	\$ 13,068	\$ 47,872	\$ 33,035	\$ 33,657	\$ 12,086	\$ 3,316	\$ 81,864	\$ 34,111	\$ 49,777	\$ 45,695	\$ 34,268	\$ 431,936

Appendix E - Meters Transferred

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	-	-	-	-	-	-	-	-	-	1	-	1	2
2018	-	-	1	-	2	-	7	98	2,350	6	4,805	4	7,273
2019	5	6	2,822	2	-	3	20	115	33	1	114	1	3,122
2020	3	2,694	1,147	4,255	2,026	1,200	954	587	606	396	455	78	14,401
Total Meters Transferred	8	2,700	3,970	4,257	2,028	1,203	981	800	2,989	404	5,374	84	24,798

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67	\$0	\$67	\$135
2018	\$0	\$0	\$179	\$0	\$358	\$0	\$2,079	\$17,520	\$172,325	\$769	\$352,351	\$293	\$545,874
2019	\$357	\$428	\$220,153	\$143	\$0	\$214	\$6,105	\$29,871	\$9,930	\$71	\$29,612	\$71	\$296,955
2020	\$994	\$405,785	\$82,392	\$304,117	\$144,723	\$85,608	\$111,958	\$42,287	\$44,463	\$28,251	\$33,025	\$5,565	\$1,289,166
Value of Meters Transferred	\$1,350	\$406,213	\$302,724	\$304,260	\$145,081	\$85,822	\$120,142	\$89,678	\$226,719	\$29,158	\$414,987	\$5,997	\$2,132,130

Meter Transfer numbes were restated as we discovered some meters are moved back to the storeroom before being transferred and were missed by the original data pull

Appendix F - Manual Meter Reads

AEP Ohio Manual Meter Reads	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	709,595	677,614	698,824	652,591	707,760	664,633	607,446	643,087	623,200	633,843	619,079	577,524	7,815,196
2018	590,558	613,152	662,313	625,957	593,752	549,628	502,539	492,671	426,390	444,237	345,679	276,154	6,123,030
2019	252,658	236,534	239,313	204,441	193,485	147,294	125,524	98,483	62,895	33,398	17,948	17,016	1,628,989
2020	15,273	11,815	8,447	6,780	6,148	6,052	4,633	3,838	2,575	2,089	1,248	1,282	70,180
TOTAL	1,568,084	1,539,115	1,608,897	1,489,769	1,501,145	1,367,607	1,240,142	1,238,079	1,115,060	1,113,567	983,954	871,976	15,637,395



Appendix G - Successful AMI Meter Reads

AEP Ohio AMI Meter Reads	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	0	0	0	0	0	0	10	1,063	10,896	11,299	12,536	24,697	60,501
2018	55,353	108,939	174,916	213,689	246,435	297,471	353,586	423,963	430,488	562,775	569,528	573,313	4,010,456
2019	686,349	647,984	726,907	759,735	819,479	810,647	906,337	937,088	916,447	949,426	848,458	888,131	9,896,988
2020	940,575	895,496	945,293	941,035	901,928	956,131	966,436	965,755	960,716	964,580	873,821	957,710	11,269,476
TOTAL	1,682,277	1,652,419	1,847,116	1,914,459	1,967,842	2,064,249	2,226,369	2,327,869	2,318,547	2,488,080	2,304,343	2,443,851	25,237,421

Appendix H - Successful AMR Meter Reads

AEP Ohio AMR Meter Reads	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	171,353	159,809	178,198	169,211	180,349	175,940	172,471	175,852	171,437	178,198	175,864	168,719	2,077,401
2018	184,935	178,407	180,450	174,142	164,455	160,883	159,448	152,324	117,513	122,447	104,032	87,408	1,786,444
2019	82,397	74,324	69,905	63,011	56,522	46,742	39,869	31,825	22,893	16,167	11,136	10,451	525,242
2020	10,157	7,270	6,169	4,807	3,775	3,344	2,771	2,387	1,602	1,378	742	634	45,036
TOTAL	448,842	419,810	434,722	411,171	405,101	386,909	374,559	362,388	313,445	318,190	291,774	267,212	4,434,123

Appendix I - AEP Ohio Meter Readers

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AEP_Employee												
2017	84	83	79	81	80	79	74	77	80	83	85	84
2018	86	82	85	82	74	72	67	61	56	53	52	48
2019	39	37	40	39	34	31	27	20	20	17	14	14
2020	7	3	3	3	3	0	0	0	0	0	0	0

AEP_Contractor												
2017	26	26	25	23	23	19	16	19	17	17	15	18
2018	19	21	24	25	23	20	23	21	18	15	15	18
2019	15	13	14	12	11	8	7	4	2	2	2	0
2020	0	0	0	0	0	0	0	0	0	0	0	0

Total Meter Readers												
2017	110	109	104	104	103	98	90	96	97	100	100	102
2018	105	103	109	107	97	92	90	82	74	68	67	66
2019	54	50	54	51	45	39	34	24	22	19	16	14
2020	7	3	3	3	3	0	0	0	0	0	0	0

Appendix J - Residential Bills Issued

Bill Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
ACTUAL													
2017	1,264,131	1,258,424	1,249,191	1,240,257	1,255,288	1,213,603	1,188,161	1,182,690	1,199,948	1,197,442	1,208,339	1,215,671	14,673,145
2018	1,153,566	1,222,227	1,266,174	1,273,102	1,264,095	1,252,904	1,262,397	1,267,514	1,271,318	1,291,192	1,275,449	1,267,009	15,066,947
2019	1,257,476	1,267,604	1,303,637	1,304,553	1,311,075	1,306,480	1,308,667	1,318,970	1,312,483	1,312,795	1,316,420	1,317,708	15,637,868
2020	1,315,660	1,317,586	1,321,613	1,318,197	1,322,467	1,325,257	1,330,372	1,335,003	1,330,958	1,329,362	1,326,770	1,327,803	15,901,048
ESTIMATE													
2017	40,078	42,292	64,819	67,027	58,256	97,934	126,651	133,562	83,771	115,225	104,672	90,943	1,025,230
2018	163,630	88,520	50,344	44,931	54,079	66,379	60,082	59,059	45,546	25,884	43,040	49,880	751,374
2019	58,200	49,447	16,767	18,124	12,507	16,717	20,400	11,982	10,664	10,216	6,968	7,127	239,119
2020	6,407	5,133	5,697	4,883	4,468	5,055	4,344	4,058	5,241	5,843	4,114	4,968	60,211
TOTAL BILLS ISSUED													
2017	1,304,209	1,300,716	1,314,010	1,307,284	1,313,544	1,311,537	1,314,812	1,316,252	1,283,719	1,312,667	1,313,011	1,306,614	15,698,375
2018	1,317,196	1,310,747	1,316,518	1,318,033	1,318,174	1,319,283	1,322,479	1,326,573	1,316,864	1,317,076	1,318,489	1,316,889	15,818,321
2019	1,315,676	1,317,051	1,320,404	1,322,677	1,323,582	1,323,197	1,329,067	1,330,952	1,323,147	1,323,011	1,323,388	1,324,835	15,876,987
2020	1,322,067	1,322,719	1,327,310	1,323,080	1,326,935	1,330,312	1,334,716	1,339,061	1,336,199	1,335,205	1,330,884	1,332,771	15,961,259

Appendix K - Customer Disconnects

Customers Eligible for Disconnect	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
AEP Ohio - System Wide													
2017	66,500	65,972	75,112	58,855	69,578	53,681	52,877	70,041	71,973	76,428	68,789	63,487	793,293
2018	73,589	72,567	71,110	65,889	65,120	65,759	64,598	72,629	64,736	76,991	67,475	57,110	817,573
2019	50,426	51,629	48,883	51,405	54,351	48,191	50,180	53,485	52,848	62,684	51,650	49,990	625,722
2020 <sup>1</sup>	48,200	49,184	58,185	78,848	82,398	90,699	92,185	136,491	109,777	55,196	41,663	43,078	885,904

AEP Ohio - Phase 2													
2017	41,196	41,744	46,238	37,048	42,205	33,129	33,352	43,418	46,259	47,620	43,196	40,493	495,898
2018	45,532	45,917	45,373	41,764	39,787	40,301	39,440	44,804	39,932	48,083	41,698	35,487	508,118
2019	30,502	31,261	29,623	30,581	32,878	29,659	30,448	33,020	32,486	39,312	31,585	31,286	382,641
2020 <sup>1</sup>	29,702	30,497	35,206	48,629	52,010	56,692	58,888	85,440	70,199	35,093	25,443	37,127	564,926

Non Pay Disconnects	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
AEP Ohio - System Wide													
2017	9,157	6,517	9,590	8,222	11,174	9,322	7,413	10,858	9,248	11,516	8,421	3,103	104,541
2018	4,444	7,191	8,330	9,928	12,053	11,959	10,515	13,026	11,434	16,402	10,077	7,691	123,050
2019	6,469	10,461	11,217	15,035	16,886	14,703	14,599	15,774	15,532	19,357	13,952	11,877	165,862
2020 <sup>1</sup>	12,737	11,531	5,801	0	0	0	0	0	14,629	23,930	14,923	14,133	97,684

AEP Ohio - Phase 2													
2017	4,661	3,789	4,626	4,197	5,626	4,738	3,819	5,673	4,339	5,526	4,029	1,326	52,349
2018	2,209	2,848	3,838	4,750	6,383	6,332	5,516	7,231	6,453	10,920	6,600	5,097	68,177
2019	4,221	7,177	7,200	10,443	11,832	10,585	10,407	11,249	10,951	14,288	10,338	9,172	117,863
2020 <sup>1</sup>	9,383	8,713	4,387	0	0	0	0	0	9,303	18,137	11,096	11,026	72,045

<sup>1</sup> Impacts due to COVID pandemic and PUCO order to cease disconnections

Appendix L - Number of Power Theft Cases

AEP Ohio Service Area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL	Avg Monthly Number of Cases
2017	158	169	145	65	99	111	126	118	138	119	174	127	1,549	129
2018	145	117	117	131	130	131	153	123	117	90	172	220	1,646	137
2019	153	459	750	892	946	910	1,214	1,330	1,360	1,493	1,271	1,027	11,805	983
2020	1,229	984	775	609	1,181	746	723	860	1,055	1,187	993	1,101	11,443	953
Total Power Theft	1,685	1,729	1,787	1,697	2,356	1,898	2,216	2,431	2,670	2,889	2,610	2,475	26,443	

Appendix M - Total Value of Power Theft Cases

AEP Ohio Service Area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL	Avg Monthly Total Value of Power Theft Cases	Average Value of Power Theft Per Case
2017	\$37,443	\$39,060	\$33,422	\$12,849	\$18,862	\$22,711	\$19,818	\$19,489	\$30,582	\$20,489	\$37,563	\$34,166	\$326,454	\$27,205	\$211
2018	\$36,888	\$22,918	\$23,288	\$22,831	\$28,845	\$16,786	\$22,418	\$21,953	\$19,166	\$16,056	\$40,255	\$93,085	\$364,488	\$30,374	\$221
2019	\$33,038	\$86,357	\$139,775	\$147,213	\$98,099	\$77,714	\$129,172	\$191,855	\$188,901	\$203,912	\$287,975	\$451,339	\$2,035,350	\$169,612	\$172
2020	\$302,153	\$190,788	\$137,808	\$55,331	\$255,263	\$234,757	\$77,704	\$189,102	\$200,219	\$224,079	\$104,073	\$410,538	\$2,381,815	\$198,485	\$208
Total Power Theft	\$409,522	\$339,123	\$334,293	\$238,224	\$401,069	\$351,968	\$249,112	\$422,398	\$438,868	\$464,536	\$469,866	\$989,128	\$5,108,107		

Appendix N - Total Call Center Calls

Call Volume	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	448,912	403,026	477,019	402,742	478,182	520,115	540,028	511,067	445,988	444,667	418,167	391,260	5,481,173
2018	473,970	434,948	474,639	413,955	460,527	527,573	454,707	467,438	447,635	546,325	516,171	376,568	5,594,456
2019	415,584	472,111	412,256	416,927	485,648	501,139	505,245	459,528	410,105	443,147	416,265	357,517	5,295,472
2020	386,317	331,659	346,671	274,353	310,428	336,914	383,218	361,877	388,044	392,645	413,733	317,297	4,243,156



Appendix O - Call Center Calls Related to Meter Reading

IO40 (Check Read)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	1,875	1,407	1,473	1,596	1,487	1,985	1,755	3,581	3,765	2,358	1,917	2,514	25,713
2018	3,249	2,953	2,419	1,715	1,370	1,571	1,514	1,739	1,145	1,319	886	745	20,625
2019	740	926	1,181	855	713	432	410	438	409	417	235	172	6,928
2020	185	211	161	186	138	135	306	147	124	124	132	90	1,939

Appendix P - Call Center Calls Related to Billing Complaints

IO04 (High/Low Bill)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2017	436	271	223	148	152	118	145	181	231	221	193	336	2,655
2018	624	559	373	283	242	221	291	331	254	285	154	275	3,892
2019	331	212	217	171	106	109	115	159	146	97	41	108	1,812
2020	167	89	82	47	56	54	118	112	46	40	39	98	948

Appendix Q - Circuits Equipped with DACR

CIRCUITS EQUIPPED WITH DACR	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2018	0	0	0	0	0	0	0	0	0	1	1	2
2019	2	2	2	2	7	7	7	7	7	7	7	7
2020	7	7	7	7	11	11	11	11	15	19	19	38

Appendix R - DACR Opportunities

DACR OPPORTUNITIES	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2018	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	1	1	0	0	0	0	0	0	2
2020	1	0	0	0	0	1	1	0	0	0	0	3	6

2019 number decreased as an outage on 12/30/2019 was reclassified as a major event which removes it from the data

Appendix S - DACR Successes

DACR SUCCESES	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.9
2020	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.5	4.5

2019 number decreased as an outage on 12/30/2019 was reclassified as a major event which removes it from the data. Data has also been adjusted to account for partial reconfigurations

Appendix T - DACR Failures

DACR FAILURES	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
2020	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.5	1.5

2019 number changed as data was adjusted to account for partial reconfigurations

Appendix U - DACR Truck Rolls Related to an Outage

TRUCK ROLLS RELATED TO AN OUTAGE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2018	0	0	0	0	0	0	0	0	0	0	2	1	3
2019	1	1	0	8	22	18	26	11	23	14	19	15	158
2020	19	9	32	12	25	48	39	30	32	49	65	13	373

## Appendix V - DACR Outage Related Truck Rolls

[illegible]



Appendix W - Customer Minutes Saved From DACR Events

CUSTOMER MINUTES SAVED FROM DACR EVENTS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2018	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	180,375	137,973	0	0	0	0	0	0	318,348
Commercial	0	0	0	0	12,529	11,149	0	0	0	0	0	0	23,678
Industrial	0	0	0	0	216	87	0	0	0	0	0	0	303
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Authority	0	0	0	0	972	784	0	0	0	0	0	0	1,756
Residential	0	0	0	0	166,658	125,953	0	0	0	0	0	0	292,610
2020	0	0	0	0	0	0	76,923	0	0	0	0	51,770	128,693
Commercial	0	0	0	0	0	0	3,821	0	0	0	0	7,827	11,648
Industrial	0	0	0	0	0	0	0	0	0	0	0	280	280
Other	0	0	0	0	0	0	0	0	0	0	0	224	224
Public Authority	0	0	0	0	0	0	420	0	0	0	0	671	1,091
Residential	0	0	0	0	0	0	72,681	0	0	0	0	42,769	115,450

2019 numbers decreased as an outage on 12/30/2019 was reclassified as a major event which removes it from the data.

Appendix X - Customer Interruptions Saved From DACR Events

CUSTOMER INTERRUPTIONS SAVED FROM DACR EVENTS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2018	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	1,625	1,243	0	0	0	0	0	0	2,868
2020	0	0	0	0	0	0	693	0	0	0	0	334	1,027

2019 numbers decreased as an outage on 12/30/2019 was reclassified as a major event which removes it from the data.

Appendix Y - VVO MW and MWh Saved

MW Saved Due to VVO	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly Average
2019	N/A	N/A	N/A	N/A	N/A	1.7	2.1	3.1	4.0	3.7	2.8	3.3	3.0
2020	3.4	3.2	2.5	1.9	3.1	3.2	2.9	2.4	2.0	1.8	2.3	2.7	2.6

Inaccurate scaling factors applied to the data caused inaccuracies in the reported values. The calculations are corrected for 2019 and 2020 data. Values shown are only for completed M&V circuits and applied to the data since the completion of M&V. As of this report submission 26 circuits have completed M&V.

MWh Saved Due to VVO	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2019	N/A	N/A	N/A	N/A	N/A	133	220	197	302	250	244	346	1,692
2020	350	352	302	233	258	298	294	234	132	170	235	309	3,167

The original 2019 value reflected total MWH instead of saved MWH. Additionally, inaccurate scaling factors applied to the data caused inaccuracies to original 2019 values. The calculations are corrected for 2019 and 2020 data. Values shown are only for completed M&V circuits and applied to the data since the completion of M&V. As of this report submission 26 circuits have completed M&V.

Appendix Z - VVO Average System Voltage

Average System Voltage	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly Average
2019	120	120	120	120	120	120	119	120	119	119	120	119	120
2020	120	120	120	120	120	120	121	120	120	120	120	120	120

Appendix AA - VVO Reduction in Greenhouse Gas Emissions

Reduction in Greenhouse Gases Due to VVO (estimate)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE TOTAL
2019	N/A	N/A	N/A	N/A	N/A	117	195	174	267	221	216	306	1,496
2020	309	311	267	206	228	264	260	207	117	150	208	273	2,800

Due to issues with 2019 data as stated for the MWh saved metric, this value must be recalculated to use the updated 2019 MWh data. Values shown are only for completed M&V circuits and applied to the data since the completion of M&V. As of this report submission 26 circuits have completed M&V.

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

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**Case No(s). 20-0939-EL-RDR**

Summary: Correspondence -Ohio Power Company submits its gridSMART Phase 2 rider update for the fourth quarter 2020 electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company