

American Municipal Power, Inc.

**Interim Consolidated Financial Statements
March 31, 2019**

American Municipal Power, Inc.

Index

March 31, 2019 (Unaudited) and December 31, 2018

	Page(s)
Report of Independent Auditors	1–2
Consolidated Financial Statements	
Balance Sheets	3–4
Statements of Revenues and Expenses	5
Statements of Changes in Member and Patron Equities	6
Statements of Cash Flows	7–8
Notes to Interim Financial Statements	9–24



Report of Independent Auditors

To the Board of Trustees and Members of
American Municipal Power, Inc.

We have reviewed the accompanying consolidated interim financial information of American Municipal Power, Inc. and its subsidiaries, which comprise the consolidated balance sheet as of March 31, 2019, and the related consolidated statements of revenues and expenses, of changes in member and patron equities, and of cash flows for the three-month periods ended March 31, 2019 and 2018.

Management's Responsibility for the Consolidated Interim Financial Information

The Company's management is responsible for the preparation and fair presentation of the consolidated interim financial information in accordance with accounting principles generally accepted in the United States of America; this responsibility includes the design, implementation, and maintenance of internal control sufficient to provide a reasonable basis for the preparation and fair presentation of the consolidated interim financial information in accordance with accounting principles generally accepted in the United States of America.

Auditors' Responsibility

Our responsibility is to conduct our review in accordance with auditing standards generally accepted in the United States of America applicable to reviews of interim financial information. A review of interim financial information consists principally of applying analytical procedures and making inquiries of persons responsible for financial and accounting matters. It is substantially less in scope than an audit conducted in accordance with auditing standards generally accepted in the United States of America, the objective of which is the expression of an opinion regarding the financial information taken as a whole. Accordingly, we do not express such an opinion.

Conclusion

Based on our review, we are not aware of any material modifications that should be made to the accompanying consolidated interim financial information for it to be in accordance with accounting principles generally accepted in the United States of America.



Other Matter

We previously audited, in accordance with auditing standards generally accepted in the United States of America, the consolidated balance sheet of American Municipal Power, Inc. and its subsidiaries as of December 31, 2018, and the related consolidated statements of revenues and expenses, of changes in member and patron equities, and of cash flows for the year then ended (not presented herein), and in our report dated April 18, 2019, we expressed an unmodified opinion on those consolidated financial statements. In our opinion, the information set forth in the accompanying consolidated balance sheet information as of December 31, 2018, is consistent, in all material respects, with the audited consolidated balance sheet from which it has been derived.

PricewaterhouseCoopers LLP

June 24, 2019

American Municipal Power, Inc.
Consolidated Balance Sheets
March 31, 2019 (Unaudited) and December 31, 2018

	March 31, 2019	December 31, 2018
Assets		
Utility plant		
Electric plant in service	\$ 4,881,658,625	\$ 4,878,808,405
Accumulated depreciation	(623,359,722)	(586,625,010)
Total utility plant	<u>4,258,298,903</u>	<u>4,292,183,395</u>
Nonutility property and equipment		
Nonutility property and equipment	23,505,923	23,505,923
Accumulated depreciation	(14,528,095)	(13,945,084)
Total nonutility property and equipment	<u>8,977,828</u>	<u>9,560,839</u>
Construction work-in-progress	24,916,096	20,107,609
Plant held for future use	34,881,075	34,881,075
Coal reserves	21,725,937	21,945,584
Trustee funds and other assets		
Trustee funds	265,012,859	304,309,796
Trustee funds - restricted	165,529,827	166,157,567
Financing receivables - members	2,785,103	3,031,611
Regulatory assets	541,691,257	534,392,822
Prepaid assets	57,429,616	55,493,606
Intangible and other assets, net of accumulated amortization of \$5,541,936 and \$5,350,880 respectively	44,141,402	42,948,772
Total trustee funds and other assets	<u>1,076,590,064</u>	<u>1,106,334,174</u>
Current assets		
Cash and cash equivalents	124,863,320	124,268,956
Cash and cash equivalents - restricted	15,469,899	22,261,566
Trustee funds	170,990,425	233,343,168
Trustee funds - restricted	3,956,203	101,703,014
Collateral postings	19,907,823	19,400,134
Accounts receivable	110,524,556	112,704,511
Interest receivable	7,698,480	27,015,633
Financing receivables - members	18,604,121	15,727,043
Inventories	14,405,601	14,039,009
Regulatory assets	25,711,101	23,599,557
Prepaid expenses and other assets	19,264,315	18,913,732
Total current assets	<u>531,395,844</u>	<u>712,976,323</u>
Total assets	<u>\$ 5,956,785,747</u>	<u>\$ 6,197,988,999</u>

American Municipal Power, Inc.
Consolidated Balance Sheets
March 31, 2019 (Unaudited) and December 31, 2018

	March 31, 2019	December 31, 2018
Equities and Liabilities		
Member and patron equities		
Contributed capital	\$ 828,968	\$ 828,968
Patronage capital	85,390,106	83,379,309
Total member and patron equities	<u>86,219,074</u>	<u>84,208,277</u>
Long-term debt		
Term debt	5,252,539,542	5,303,898,034
Term debt on behalf of others	18,499,998	19,354,165
Revolving credit loan	155,800,000	210,100,000
Total long-term debt	<u>5,426,839,540</u>	<u>5,533,352,199</u>
Current liabilities		
Accounts payable	103,057,402	108,735,245
Accrued interest	36,233,819	118,105,405
Term debt	105,479,412	161,049,412
Term debt on behalf of others	29,536,167	29,805,167
Regulatory liabilities	4,093,238	4,156,109
Other liabilities	28,208,218	29,233,974
Total current liabilities	<u>306,608,256</u>	<u>451,085,312</u>
Other noncurrent liabilities		
Asset retirement obligations	7,001,826	6,840,083
Regulatory liabilities	77,245,926	66,529,229
Other liabilities	52,871,125	55,973,899
Total other noncurrent liabilities	<u>137,118,877</u>	<u>129,343,211</u>
Total liabilities	<u>5,870,566,673</u>	<u>6,113,780,722</u>
Total equities and liabilities	<u>\$ 5,956,785,747</u>	<u>\$ 6,197,988,999</u>

The accompanying notes are an integral part of these financial statements.

American Municipal Power, Inc.
Consolidated Statements of Revenues and Expenses
Three Months Ended March 31, 2019 and 2018 (Unaudited)

	March 31, 2019	March 31, 2018
Revenues		
Electric revenue	\$ 290,872,933	\$ 313,103,566
Service fees	2,825,647	2,782,274
Programs and other	6,954,339	4,606,797
Total revenues	300,652,919	320,492,637
Operating expenses		
Purchased electric power	124,836,759	149,271,088
Production	39,815,506	33,216,507
Fuel	39,273,735	33,849,041
Depreciation and amortization	37,583,784	37,715,754
Administrative and general	3,893,722	4,670,570
Property and real estate taxes	2,855,486	2,825,017
Programs and other	4,479,802	3,926,022
Total operating expenses	252,738,794	265,473,999
Operating margin	47,914,125	55,018,638
Nonoperating revenues (expenses)		
Interest expense	(71,460,808)	(83,878,442)
Interest income, subsidy	18,788,869	15,527,927
Interest and other income	6,768,611	14,092,719
Total nonoperating expenses	(45,903,328)	(54,257,796)
Net margin	\$ 2,010,797	\$ 760,842

The accompanying notes are an integral part of these financial statements.

American Municipal Power, Inc.
Consolidated Statements of Changes in Member and Patron Equities
Three Months Ended March 31, 2019 and 2018 (Unaudited)

	Contributed Capital	Patronage Capital	Total
Balances at December 31, 2017	\$ 828,968	\$ 77,061,450	\$ 77,890,418
Net margin	-	760,842	760,842
Balances at March 31, 2018	<u>\$ 828,968</u>	<u>\$ 77,822,292</u>	<u>\$ 78,651,260</u>
Balances at December 31, 2018	\$ 828,968	\$ 83,379,309	\$ 84,208,277
Net margin	-	2,010,797	2,010,797
Balances at March 31, 2019	<u>\$ 828,968</u>	<u>\$ 85,390,106</u>	<u>\$ 86,219,074</u>

The accompanying notes are an integral part of these financial statements.

American Municipal Power, Inc.
Consolidated Statements of Cash Flows
Three Months Ended March 31, 2019 and 2018 (Unaudited)

	March 31, 2019	March 31, 2018
Cash flows from operating activities		
Net margin	\$ 2,010,797	\$ 760,842
Adjustments to reconcile net margin to net cash used in operating activities		
Depreciation and amortization	37,583,784	37,715,754
Amortization of bond premium, net of amortization of bond discount and amortization of deferred financing costs	(9,778,400)	(2,374,959)
Accretion of interest on asset retirement obligations	60,733	59,428
Loss on disposal of utility property and equipment	209,022	440,643
Unrealized loss (gain) on investments	(2,481,408)	847,480
Changes in assets and liabilities		
Collateral postings	(507,689)	(339,973)
Accounts and interest receivable	21,497,108	39,878,411
Inventories	(366,592)	(1,439,221)
Regulatory assets and liabilities, net	(1,536,478)	(29,533,657)
Prepaid expenses and other assets	(3,747,674)	(14,643,556)
Accounts payable and other liabilities	(5,100,460)	(1,706,265)
Accrued interest	(81,871,586)	(92,713,810)
Asset retirement obligations	101,010	261,009
Net cash used in operating activities	<u>(43,927,833)</u>	<u>(62,787,874)</u>
Cash flows from investing activities		
Purchase of property plant, equipment and construction work-in progress	(10,042,208)	(868,465)
Sale of property, plant and equipment	418,264	1,019,252
Proceeds from sale of investments	665,045,993	928,479,791
Purchase of investments	(462,523,129)	(121,914,082)
Net cash provided by investing activities	<u>\$ 192,898,920</u>	<u>\$ 806,716,496</u>

American Municipal Power, Inc.
Consolidated Statements of Cash Flows
Three Months Ended March 31, 2019 and 2018 (Unaudited)

	March 31, 2019	March 31, 2018
Cash flows from financing activities		
Proceeds from revolving credit loan	8,900,000	14,800,000
Payments on revolving credit loan	(63,200,000)	(7,000,000)
Cost of issuance of debt	(2,164,050)	-
Principal payments on term debt	(326,800,000)	(755,685,000)
Principal payments on term debt on behalf of others	(2,612,167)	(8,791,139)
Proceeds from issuance of term debt	231,849,397	-
Proceeds from issuance of term debt on behalf of others	1,489,000	1,758,000
Proceeds from financing receivables - members	963,238	8,216,634
Funding of financing receivables - members	(3,593,808)	(124,628)
Net cash used in financing activities	<u>(155,168,390)</u>	<u>(746,826,133)</u>
Net change in cash, cash equivalents and restricted cash	(6,197,303)	(2,897,511)
Cash, cash equivalents and restricted cash		
Beginning of period	<u>146,530,522</u>	<u>159,860,982</u>
End of period	<u>\$ 140,333,219</u>	<u>\$ 156,963,471</u>
Supplemental disclosure of cash flow information		
Cash paid during the period for interest, net of amount capitalized	\$ 153,332,394	\$ 176,592,252
Supplemental disclosure of noncash investing and financing activities		
Capital expenditures included in accounts payable	\$ 37,588,951	\$ 38,370,689

The accompanying notes are an integral part of these financial statements.

American Municipal Power, Inc.

Notes to Interim Consolidated Financial Statements

Three Months Through and Ended March 31, 2019 (Unaudited)

1. Description of Business

American Municipal Power, Inc. ("AMP") is a not-for-profit Ohio corporation organized to provide electric capacity and energy and to furnish other services to its members on a cooperative basis. AMP is a tax-exempt organization for federal tax purposes under Section 501(c) (12) of the Internal Revenue Service Code ("IRC"). As AMP derives its income from the exercise of an essential government function and will accrue to a state or a political subdivision thereof; AMP's income is excludable from gross income under IRC Section 115. AMP is a membership organization comprised of 84 municipalities throughout Ohio, 29 municipalities in Pennsylvania, six municipalities in Michigan, six municipalities in Kentucky, five municipalities in Virginia, two municipalities in West Virginia, one municipality in Indiana, one municipality in Maryland, and one joint action agency in Delaware, all but one of which own and operate electric systems. AMP purchases and generates electric capacity and energy for sale to its members. AMPO, Inc. is a for-profit subsidiary that provides electric and natural gas aggregation consulting services to both members and nonmembers in Ohio.

In addition, AMP serves as a project manager for Ohio members participating in joint venture projects to share ownership of power generation and transmission facilities, known as Ohio Municipal Electric Generation Agency Joint Ventures: 2, 4, 5, and 6 ("OMEGA" "JV2," "JV4," "JV5," and "JV6") (collectively, the "OMEGA Joint Ventures"). AMP is closely aligned with Ohio Municipal Electric Association ("OMEA"), the provider of legislative liaison services to AMP and 80 Ohio public power communities. AMP members have also formed Municipal Energy Services Agency ("MESA") whose purpose is to provide administrative, management and technical services to AMP, its members, OMEA and the OMEGA Joint Ventures.

AMP has received approval pursuant to a private letter ruling from the Internal Revenue Service ("IRS") to issue tax-exempt securities on behalf of its members. In connection with the financing of projects undertaken by the electric systems of certain member communities, AMP has issued tax exempt debt on their behalf. AMP has issued tax-exempt bonds to finance the construction of its generating projects.

AMP 368 LLC ("AMP 368"), a wholly owned and consolidated subsidiary of AMP, is the owner of a 23.26%, or 368 MW, undivided interest in the Prairie State Energy Campus ("PSEC"). PSEC, located in Washington County, Illinois, includes a coal-fired generating plant and adjacent coal mine.

Meldahl LLC, a wholly owned and consolidated subsidiary of AMP, is the owner of the 105 MW Meldahl project, a run-of-the river hydroelectric facility on the Ohio River near Maysville, Kentucky.

AMP Transmission LLC, a wholly owned and consolidated subsidiary of AMP, is an Ohio not-for-profit formed to own and provide transmission services in Delaware, Indiana, Kentucky, Maryland, Michigan, Ohio, Pennsylvania, Virginia and West Virginia for the Members.

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

2. Summary of Significant Accounting Policies

Basis of Consolidation

The accompanying interim consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (“U.S. GAAP”) and include all entities in which AMP has control, which are its majority-owned subsidiaries. The interim consolidated financial statements have been prepared without audit. Certain information and footnote disclosures normally included in financial statements prepared in accordance with U.S. GAAP have been condensed or omitted pursuant to such rules and regulations. The interim consolidated financial statements as of March 31, 2019 should be read in conjunction with the consolidated financial statements and the notes thereto for the year ended December 31, 2018. The accompanying interim consolidated financial statements reflect all adjustments which, in the opinion of management, are necessary for a fair statement of the results of the interim periods presented. Operating results for the three-months ended March 31, 2019 are not necessarily indicative of the results to be expected for the full year ending December 31, 2019.

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, as well as disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting periods. Actual results may differ from those estimates. All intercompany transactions and balances have been eliminated.

Utility Plant

AMP records amounts expended in connection with the purchase or construction of utility plant assets at cost. Major renewals, betterments and replacements are capitalized, while maintenance and repair costs are charged to operations as incurred. Operations are charged with labor, material, supervision and other costs incurred to maintain the utility plant. When utility plant assets are retired, accumulated depreciation is charged with the cost of assets, plus removal costs, less any salvage value, and any resulting gain or loss is reflected in other nonoperating revenues (expenses), net in the consolidated statements of revenues and expenses.

The Company has ownership interest in two generation plants, Greenup, a hydroelectric plant with 48.60% ownership, and Prairie State with 23.26% ownership.

	March 31 2019	December 31, 2018
Greenup		
Utility plant in service	\$ 139,143,836	\$ 139,000,000
Prairie State		
Utility plant in service	\$ 1,152,960,749	\$ 1,152,778,050
Construction work-in-progress	1,738,426	1,441,680

AMP’s reserves are valued at \$21,725,937 and \$21,945,584 (net of depletion) as of March 31, 2019 and December 31, 2018, respectively.

Nonutility Property and Equipment

Nonutility property and equipment is recorded at cost. Major renewals, betterments and replacements are capitalized, while maintenance and repair costs are charged to operations as incurred. When nonutility property and equipment is retired or otherwise disposed of, the related

American Municipal Power, Inc.

Notes to Interim Consolidated Financial Statements

Three Months Through and Ended March 31, 2019 (Unaudited)

cost and accumulated depreciation are removed from the accounts, and the related gains or losses are reflected in other nonoperating revenues (expenses), net in the consolidated statements of revenues and expenses.

Construction Work-in-Progress

AMP records amounts expended in connection with construction work-in-progress projects at cost. Upon completion of a project, AMP places the asset in service and the related costs are recorded as either utility plant or nonutility property and equipment.

Plant Held for Future Use

In November 2009, the participants in the AMP Generating Station Project (the "AMPGS Project") voted to terminate the development of the pulverized coal power plant in Meigs County, Ohio. The AMPGS Project was to be a 1,000 MW base load, clean-coal technology plant scheduled to go on-line in 2014. This pulverized coal plant was estimated to be a \$3 billion project, but the project's targeted capital costs increased by 37% and the engineer, procure and construct contractor could not guarantee that the costs would not continue to escalate. At the termination date, minimal construction had been performed on the AMPGS Project at the Meigs County site. AMP still intends to develop this site for the construction of a generating asset; however, at March 31, 2019, the type of future generating asset had not been determined.

The AMPGS project participants signed "take or pay" contracts with AMP. As such, the participants of the project are obligated to pay any costs incurred for the project.

As a result of the decision to terminate further development of a coal plant at AMPGS, the AMPGS Project costs have been reclassified out of construction work-in-progress and into plant held for future use or regulatory assets in the consolidated balance sheets. At December 31, 2010, AMP reclassified \$34,881,075 of costs to plant held for future use in the consolidated balance sheets. These costs were determined to be associated with the undeveloped Meigs County site regardless of the type of generating asset ultimately developed on the site.

The remaining costs previously incurred were determined to be impaired but reclassified as a regulatory asset which is fully recoverable from the AMPGS Project participants as part of their unconditional obligation under the "take or pay" contract. These stranded costs are being recovered through collections from Participants and Members over a 15 year term and from service fee and other member related revenues over the same term. At March 31, 2019, AMP has a remaining regulatory asset of \$16,596,458 for the recovery of these abandoned construction costs.

Trustee Funds

AMP maintains funds on deposit with the trustees ("trustee funds") under its various trust indentures securing bonds issued for its various projects. Investments of the trustee funds include money market funds and debt securities. The debt securities are classified as held-to-maturity in accordance with ASC 320 *Investments – Debt and Equity Securities*, and are recorded at amortized cost. The debt securities mature at various dates through January 2030. The money market funds are valued at the net asset value of the underlying fund determined on the valuation date.

American Municipal Power, Inc.

Notes to Interim Consolidated Financial Statements

Three Months Through and Ended March 31, 2019 (Unaudited)

Realized gains and losses on investment transactions are determined on the basis of specific identification. Gross unrealized holding gain (losses) as of March 31, 2019 and 2018 were \$2,481,408 and (\$847,480), respectively. Gross unrealized holding gains and losses are included in interest and other income in the consolidated statements of revenues and expenses.

Impairment of Long-lived Assets

Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that full recoverability is questionable. The determination of whether an impairment has occurred is based on an estimate of undiscounted future cash flows attributable to the assets, as compared with the carrying value of the assets. If an impairment has occurred, the amount of the impairment recognized is the excess of the carrying value of the assets over fair value of the assets.

Intangible and Other Assets

Included in intangible assets are two interconnections contracts for offsite facilities which were a part of the acquisition cost for the AMP Fremont Energy Center ("AFEC") project. These contracts were valued at \$28,665,190, and are net of \$5,541,936 and \$5,350,880 of accumulated amortization as of March 31, 2019 and December 31, 2018, respectively. The contracts are being amortized over a 37.5 year period at a rate of \$764,405 per year, which is recognized in depreciation and amortization in the accompanying consolidated statements of revenues and expenses.

Prepaid Assets

AMP prepays for 25-year power supply solar agreements (the "Prepaid Agreements") which are included in prepaid assets in the accompanying consolidated balance sheets. The amount of the Prepaid Agreements was \$61,006,422 and \$58,706,033 as of March 31, 2019 and December 31, 2018, respectively. AMP is amortizing the cost of the power over the life of the Prepaid Agreements. AMP records the amount expected to be amortized over the next twelve months as a current asset in prepaid expenses and other assets in the accompanying consolidated balance sheets, which was \$4,094,953 and \$3,782,419 as of March 31, 2019 and December 31, 2018, respectively. AMP has concluded that the Prepaid Agreements qualify for the normal purchase sale exemption in accordance with FASB's standard on accounting for derivative instruments.

Derivative Instruments

AMP accounts for derivative instruments on its consolidated balance sheets at fair value unless the instruments qualify to be accounted for as normal purchases and normal sales. The fair values of derivative instruments accounted for using mark-to-market accounting are based on exchange prices and broker quotes, when available. If a quoted market price is not available, the estimate of fair value is based on the best information available including valuation models that estimate future energy prices based on existing market and broker quotes and supply and demand market data and other assumptions. The fair values determined are reduced by the appropriate valuation adjustments for items such as discounting, liquidity, credit quality and modeling risk. There is inherent risk in valuation modeling given the complexity and volatility of energy markets. Therefore, it is possible that results in future periods may be materially different as contracts are ultimately settled.

AMP has determined each of its power purchase and power sales contracts which meet the definition of a derivative instrument qualifies to be accounted for as normal purchases and normal sales.

American Municipal Power, Inc.

Notes to Interim Consolidated Financial Statements

Three Months Through and Ended March 31, 2019 (Unaudited)

AMP has adopted a fuel procurement and hedging program which contemplates that AMP will, subject to market conditions, undertake to secure, at times when AMP deems such advantageous and prudent, contracts with fuel providers and financial institutions, the effect which will be to hedge, on a rolling 36-month basis, the price of up to 80% of the natural gas volume that AMP projects will be consumed by AFEC operating at its base capacity. AMP has entered into a number of International Swaps and Derivatives Association agreements that are specific to AFEC in managing its natural gas supply requirements. All of these agreements are with investment grade or higher counterparties (Baa3/BBB-). AMP utilizes fixed-for-floating swap contracts to economically hedge the total natural gas fuel expense and records them at fair value. AMP does not utilize derivative financial instruments for speculative purposes, nor does it have trading operations.

The maturities of the swaps highly correlate to forecasted purchases of natural gas, during time frames through December 2027. Under such agreements, AMP pays the counterparty at a fixed rate and receives from the counterparty a floating rate per MMBtu (“decatherm” or “Dth”) of natural gas. Only the net differential is actually paid or received. The differential is calculated based on the notional amounts under the agreements. Notional amounts under contracts were \$197,957,820 and \$208,243,970 at March 31, 2019 and December 31, 2018, respectively.

On the short term agreements, there was an unrealized loss of \$11,965,000 and \$13,453,375 at March 31, 2019 and December 31, 2018, respectively, which is included in other liabilities. On the long-term agreements, there was an unrealized loss of \$45,724,158 and \$50,025,466 at March 31, 2019 and December 31, 2018, respectively, which is included in other liabilities. A net loss of \$5,789,683 and \$3,107,654 was recognized in fuel on AMP’s consolidated statements of revenues and expenses for the three-month periods ending March 31, 2019 and 2018, respectively. Net margin loss or gain is deferred via regulatory liabilities or assets for recovery in future periods. The losses from the natural gas contracts do not result from other-than-temporary declines in market value.

Restricted Cash

Restricted cash primarily includes cash from members for contractual restrictions on rate stabilization plans held in trust for the benefit of the members.

Use of Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

Recently Issued Accounting Pronouncements

In 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)*. This standard is intended to improve financial reporting about leasing transactions. Amongst other changes, the standard will require both operating and capital leases to be recognized on the balance sheet and require incremental disclosures around the amount, timing and uncertainty of cash flows arising from leases. This standard was adopted January 1, 2019. Based on the Company's current leases, the impact of this standard is does not have a material impact on the consolidated financial statements.

In June 2016, the FASB issued ASU 2016-13, *Measurement of Credit Losses of Financial Instruments*. The new guidance requires an allowance to be recorded for all expected credit losses for financial assets. The allowance for credit losses is based on historical information, current conditions, and reasonable and supportable forecasts. This standard is effective for the Company's 2020 fiscal year, however early adoption is permitted. The impact of adopting this standard is not expected to have a material impact on the consolidated financial statements.

3. Revolving Credit Loan and Term Debt

Revolving Credit Loan

AMP has a revolving credit loan facility ("Facility") with a syndicate of nine lenders. The Facility allows AMP to obtain loans with different interest rates and terms and letters of credit. The Facility expires on May 3, 2022. AMP's base borrowing capacity under the Facility is \$600,000,000, with an accordion feature to expand to \$850,000,000. At March 31, 2019, AMP had \$155,800,000 outstanding under the Facility and the effective interest rate was 3.3236%. At December 31, 2018, AMP had \$210,100,000 outstanding under the Facility and the effective interest rate was 3.3474%.

Term Debt

AMP has issued term debt in the form of notes payable and bonds for the financing of its own assets and on behalf of specific members. AMP is the primary obligor on term debt issued to finance its assets.

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

Bonds and notes payable related to financing AMP assets consists of the following:

	March 31, 2019	December 31, 2018
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2009A	\$ -	\$ 11,835,000.00
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2009B	32,950,000	35,585,000
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2009C	385,835,000	385,835,000
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2010	300,000,000	300,000,000
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2015A	507,875,000	507,875,000
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2015B	63,370,000	135,350,000
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2015C	-	95,100,000
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2017A	64,910,000	65,850,000
AMP Prairie State Energy Campus Project Revenue Bonds, Series 2019A	168,455,000	-
AMP Prairie State Energy Campus Project Revenue Bonds, Escrow	-	96,435,000
AMP Combined Hydroelectric Project Revenue Bonds, Series 2009B	497,005,000	497,005,000
AMP Combined Hydroelectric Project Revenue Bonds, Series 2009C	21,610,000	48,860,000
AMP Combined Hydroelectric Project Revenue Bonds, Series 2009D	9,305,882	9,305,882
AMP Combined Hydroelectric Project Revenue Bonds, Series 2010A	132,750,000	132,750,000
AMP Combined Hydroelectric Project Revenue Bonds, Series 2010B	1,109,995,000	1,109,995,000
AMP Combined Hydroelectric Project Revenue Bonds, Series 2010C	116,000,000	116,000,000
AMP Combined Hydroelectric Project Revenue Bonds, Series 2016A	209,530,000	209,530,000
AMP Combined Hydroelectric Project Revenue Bonds, Series 2018A	99,530,000	99,530,000
AMP Combined Hydroelectric Project Revenue Bond, Escrow	28,390,000	28,390,000
AMP Meldahl Hydroelectric Project Revenue Bonds, Series 2010A	12,285,000	21,190,000
AMP Meldahl Hydroelectric Project Revenue Bonds, Series 2010B	260,000,000	260,000,000
AMP Meldahl Hydroelectric Project Revenue Bonds, Series 2010C	20,000,000	20,000,000
AMP Meldahl Hydroelectric Project Revenue Bonds, Series 2010D	4,570,000	4,570,000
AMP Meldahl Hydroelectric Project Revenue Bonds, Series 2010E	300,000,000	300,000,000
AMP Meldahl Hydroelectric Project Revenue Bonds, Series 2016A	78,825,000	79,455,000
AMP Fremont Energy Center Project Revenue Bonds, Series 2012B	364,895,000	374,720,000
AMP Fremont Energy Center Project Revenue Bonds, Series 2017A	124,385,000	124,385,000
AMP Fremont Energy Center Project Revenue Bonds, Escrow	127,630,000	127,630,000
AMP Greenup Hydroelectric Project Revenue Bonds, Series 2016A	124,035,000	125,300,000
AMP Solar Electric Prepayment Project Revenue Bonds, Series 2019A	55,195,000	-
Subtotal	5,219,330,882	5,322,480,882
Less: Current portion	(105,479,412)	(161,049,412)
Plus: Unamortized premium and discount, net	173,334,866	176,100,510
Plus: Unamortized debt issuance costs, net	(34,646,794)	(33,633,946)
Long-term debt	<u>\$ 5,252,539,542</u>	<u>\$ 5,303,898,034</u>

American Municipal Power, Inc.

Notes to Interim Consolidated Financial Statements

Three Months Through and Ended March 31, 2019 (Unaudited)

4. Fair Value of Financial Instruments

As defined in the fair value measurements standard, fair value is the price that would be received for an asset or paid to transfer a liability (exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between willing market participants on the measurement date. This standard establishes a fair value hierarchy that prioritizes the inputs used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted market prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3).

The three levels of the fair value hierarchy defined by the fair value measurement standard are as follows:

- Level 1 Quoted prices are available in active markets for identical assets or liabilities as of the reporting date. Active markets are those where transactions for the asset or liability occur in sufficient frequency and volume to provide pricing information on an ongoing basis. AMP's Level 1 assets primarily consist of money market funds which are included in trustee funds on the consolidated balance sheets. AMP does not have any liabilities that meet the definition of Level 1.
- Level 2 Pricing inputs are either directly or indirectly observable in the market as of the reporting date, other than quoted prices in active markets included in Level 1. Level 2 includes those financial instruments that are valued using models or other valuation methodologies based on assumptions that are observable in the marketplace throughout the full term of the instrument, can be derived from observable data or are supported by observable levels at which transactions are executed in the marketplace. These models are primarily industry-standard models that consider various assumptions, including quoted forward prices for commodities, time value, volatility factors, and current market and contractual prices for the underlying instruments, as well as other relevant economic measures. Liabilities in this category include natural gas swaps.
- Level 3 Pricing inputs include inputs that are generally less observable from objective sources. These inputs may be used with internally developed methodologies that result in management's best estimate of fair value. AMP does not have any assets or liabilities that met the definition of Level 3.

AMP utilizes market data and assumptions that market participants would use in pricing the asset or liability, including assumptions about risk and the risks inherent in the inputs to the valuation technique. These inputs can be readily observable, market corroborated, or generally unobservable. AMP primarily applies the market approach for recurring fair value measurements using the best information available. Accordingly, AMP maximizes the use of observable inputs and minimizes the use of unobservable inputs.

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

The following table presents the carrying amounts and fair values of financial instruments not recognized at fair value in the consolidated balance sheets:

Financial Instruments	March 31, 2019		December 31, 2018	
	Carrying Value	Estimated Fair Value	Carrying Value	Estimated Fair Value
Assets				
Debt securities held in trustee funds, restricted and non-restricted	\$ 519,540,182	\$ 534,691,479	\$ 619,800,572	\$ 630,473,514
Liabilities				
Fixed rate term debt, including current maturities, AMP	5,392,665,748	6,715,837,112	5,403,481,392	6,464,674,005
Fixed rate term debt, including current maturities, on behalf of others	48,036,165	48,036,165	49,159,332	49,159,332
Variable rate term debt, including current maturities, AMP	-	-	95,100,000	95,100,000

The carrying amounts of cash, accounts receivable, accounts payable, the AMP project note, the municipal project notes, and the revolving credit loan approximate their fair value due to their short maturities. The fair value of trustee funds is determined based on market observable inputs that include, but are not limited to, benchmark yields, reportable trades, broker/dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, and offers. The fair value of debt securities included trustee funds is within Level 2 of the fair value hierarchy. The fair value of long-term debt reflects the present value of cash outflows relating to those obligations based on the current call price or the yield to maturity as deemed appropriate at the end of each respective year. The yields assumed were based on municipal bond ratings offered by organizations similar to AMP. The fair value of long-term debt is within Level 2 of the fair value hierarchy.

The estimated fair values of the natural gas swaps were determined using New York Mercantile Exchange (“NYMEX”) futures settlement prices for delivery of natural gas at Henry Hub adjusted by the price of NYMEX ClearPort basis swaps, which reflect the difference between the price of natural gas at a given delivery basin and the Henry Hub pricing points.

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

The following tables set forth AMP's financial assets and financial liabilities that are accounted for on a recurring basis at fair value by level within the fair value hierarchy as of March 31, 2019 and December 31, 2018. As required by the fair value measurement standard, assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. AMP's assessment of the significance of a particular input to the fair value measurement requires judgment and may affect the valuation of fair value assets and liabilities and their placement within the fair value hierarchy levels.

	March 31, 2019			
	Level 1	Level 2	Level 3	Total
Assets				
Money market funds	\$ 85,949,132	\$ -	\$ -	\$ 85,949,132
	<u>\$ 85,949,132</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 85,949,132</u>
Liabilities				
Natural gas swaps	\$ -	\$ 57,689,158	\$ -	\$ 57,689,158
	<u>\$ -</u>	<u>\$ 57,689,158</u>	<u>\$ -</u>	<u>\$ 57,689,158</u>
	December 31, 2018			
	Level 1	Level 2	Level 3	Total
Assets				
Money market funds	\$ 185,712,973	\$ -	\$ -	\$ 185,712,973
	<u>\$ 185,712,973</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 185,712,973</u>
Liabilities				
Natural gas swaps	\$ -	\$ 63,478,841	\$ -	\$ 63,478,841
	<u>\$ -</u>	<u>\$ 63,478,841</u>	<u>\$ -</u>	<u>\$ 63,478,841</u>

The determination of the above fair value measures takes into consideration various factors required under the fair value measurement standard. These factors include nonperformance risk, including counterparty credit risk and the impact of credit enhancements (such as cash deposits, line of credit and priority interests). The impact of nonperformance risk was immaterial in the fair value measurements.

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

5. Regulatory Assets and Liabilities

In accordance with the FASB standard for accounting for regulated entities, AMP records regulatory assets (capitalized expenses to be recovered in rates in future periods) and regulatory liabilities (deferred revenues for rates collected for expenses not yet incurred). Regulatory assets include the deferral of depreciation expense, the costs associated with the abandoned AMPGS Project, funds for member rate stabilization plans, unrecognized actuarial losses associated with the pension plan, and other capital expenditures not yet recovered through rates approved by the AMP board of trustees. Regulatory liabilities include revenues collected and intended to fund future capital expenditures, funds for member rate stabilization plans, and other differences between the rates collected from members and expense recognition. As the capital expenditures are depreciated and inventories are used, regulatory assets and liabilities are amortized to match revenues with the related expenditures. Regulatory liabilities or regulatory assets are also recognized for unrealized mark-to-market gains and losses on derivative instruments that are subject to the ratemaking process when realized.

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

Regulatory assets and liabilities consist of the following:

	March 31, 2019	December 31, 2018
Regulatory assets		
Asset retirement costs	\$ 912,889	\$ 780,385
Debt service costs	381,890,831	378,967,525
Abandoned construction costs	16,596,458	17,448,612
Projects on behalf of	11,839,857	2,333,432
Operating and maintenance expenditures	49,431,609	53,033,590
Fair value of derivative instruments	57,689,158	63,478,841
Rate stabilization programs	21,347,238	9,623,061
Pension plan and postretirement healthcare plan obligations	9,136,670	9,428,405
Closure of Gorsuch Project costs	12,637,474	12,747,365
Other	5,920,174	10,151,163
Total regulatory assets	<u>567,402,358</u>	<u>557,992,379</u>
Current portion	<u>(25,711,101)</u>	<u>(23,599,557)</u>
Noncurrent portion	<u>\$ 541,691,257</u>	<u>\$ 534,392,822</u>
Regulatory liabilities		
Capital improvement expenditures	\$ 1,247,765	\$ 1,091,635
Debt service costs	840,143	977,279
Projects on behalf of	6,820,028	1,225,963
Operating and maintenance expenditures	32,498,765	23,795,989
Working capital expenditures	14,944,588	14,944,588
Rate stabilization programs	15,671,472	15,801,530
Other	9,316,403	12,848,354
Total regulatory liabilities	<u>81,339,164</u>	<u>70,685,338</u>
Current portion	<u>(4,093,238)</u>	<u>(4,156,109)</u>
Noncurrent portion	<u>\$ 77,245,926</u>	<u>\$ 66,529,229</u>

6. Revenue

Revenues are recognized in an amount that reflects the consideration AMP expects to receive in exchange for goods or services, when control of the promised goods or services is transferred to AMP's customers. Our primary types of revenue streams are Electric, Service fees, and Program and other.

The nature of AMP's revenue from contracts provides an unconditional right to consideration upon service delivery; therefore, no customer contract assets or liabilities exist. The unconditional right to consideration is represented by the balance in AMP's Accounts Receivable. AMP does not typically incur costs that would be capitalized to obtain or fulfill a contract.

American Municipal Power, Inc.

Notes to Interim Consolidated Financial Statements

Three Months Through and Ended March 31, 2019 (Unaudited)

Electric revenue – Electricity is provided on demand throughout the month, measured by meters located at delivery points located at Member interconnections. Electric rates, which are approved by the AMP board of trustees, are designed to recover actual costs incurred, generally purchased power and operations, exclusive of depreciation and amortization, and debt service requirements. At the time of rate design, all costs to be recovered are not known and as such, the use of estimates is required. Differences between expected, estimated costs and actual costs incurred are reconciled and recovered from or returned to customers through future adjustments to rates. Electric revenues are variable based on quantities delivered, influenced by seasonal business and weather patterns.

Service fees – AMP collects service fees from its members which entitle members to various AMP-provided services not based on electric consumption. AMP also collects service fees for utilization of its Energy Control Center. Fee structure is based on membership class.

Program and other – Programs include optional service offerings to members such as line worker training.

AMP has determined that, as it relates to its contracts with customers, its obligation to deliver electricity, services, and programs are satisfied over time as the customer simultaneously receives and consumes benefits as AMP performs. Billings typically occur monthly with related payments due within 30 days, depending on contract requirements. In no event does the timing between payment and delivery of the goods and services exceed one year. In general, revenue recognized from contracts with customers is equivalent to the value of the electricity, services, and programs supplied and billed each period and an estimate for delivery completed during the period but not yet billed to customers. Therefore, AMP recognizes revenue in an amount equal to what AMP has the right to bill customers.

AMP has revenue contract performance obligations with the same or similar characteristics, and management reasonably expects that the financial statement impact of applying the new revenue ASU guidance to a portfolio of contracts would not differ materially from applying this guidance to the individual contracts or performance obligations within the portfolio. Therefore, AMP has elected the portfolio approach in applying the new revenue guidance.

7. Commitments and Contingencies

Environmental Matters

AMP is subject to regulation by federal and state authorities with respect to air and water quality control and other environmental matters. All referenced legislative and regulatory comment filings can be found on AMP's website.

Federal Greenhouse Gas Emission Standards

On August 31, 2018, USEPA proposed the Affordable Clean Energy rule, designed to impose greenhouse gas emissions reductions at large power plants by improving operating efficiency. AMP submitted comments on October 30, 2018 that were generally supportive of the proposal. A final rule is expected in the second quarter of 2019.

RICE NESHAP

This USEPA rule regulates emissions of hazardous air pollutants from reciprocating internal combustion engines ("RICE") by establishing emission limits and work practice standards. Some diesel engines owned or operated by AMP are affected and maintain compliance by using pollution control equipment.

American Municipal Power, Inc.

Notes to Interim Consolidated Financial Statements

Three Months Through and Ended March 31, 2019 (Unaudited)

Cross-State Air Pollution Rule

This USEPA rule requires large electric generating units to purchase allowances for air pollutant emissions impacting air quality in downwind states. AMP owned or operated facilities subject to this rule either have been allocated sufficient allowances for continued operation or, if necessary, are able to purchase allowances as needed to comply.

Clean Water Act §401/§404 permits

Permits are required when performing activities that impact streams and other water bodies, such as the construction of generation or distribution assets. The jurisdictional boundary between the state and federal authority is delineated in the definition of “waters of the United States” (or WOTUS). A new rule has been proposed to revise the definition of WOTUS, and the current rule defining this same term has been enjoined by the federal courts in some parts of the country. AMP staff are monitoring ongoing litigation and rulemaking activities.

Other Commitments

Voith

On August 14, 2017, after the expiration of a tolling agreement and exhaustion of informal resolution efforts, AMP filed a complaint against Voith Hydro, Inc. (Voith) in federal court in Columbus, Ohio alleging breach of contract and breach of express warranty claims against Voith for each of the four hydro projects. AMP’s breach of contract claim states that Voith materially breached the contracts on the projects as follows:

- (a) delivering drawings and equipment late and out of sequence;
- (b) delivering defective, incomplete and uncoordinated drawings and defective installation instructions;
- (c) delivering defectively manufactured guide bearings and discharge rings;
- (d) defectively designing and/or manufacturing equipment and equipment components;
- (e) delivering equipment that was not completely and/or properly manufactured and required significant additional field work to install;
- (f) failing to deliver “Category C” parts necessary for Voith Equipment assembly;
- (g) failing to timely and completely address installation issues with the Voith Equipment, including but not limited to, failing to timely and completely address turbine alignment issues;
- (h) failing to provide check sheets consistent with the Contracts’ specifications;
- (i) refusing to promptly and accurately address problems with the Voith Equipment; and
- (j) failing to maintain a consistent executive and project management team and site representatives who were informed and prepared to address ongoing issues; and causing substantial delay and damage to the Hydro Projects, all in material breach of the Contracts.

The Complaint alleges that Voith’s material breaches caused extensive damages to AMP. The Complaint notes that the contracts entitled AMP to withhold payment from Voith, and AMP withheld approximately \$40 million in payments from Voith to offset the damages and costs incurred by AMP and its general contractors due to Voith’s material breaches of the Contracts. The Complaint alleges that AMP’s damages are at least \$40 million. The Complaint and Summons was served by a process server on August 16, 2017. After taking an agreed extension, Voith filed its Answer and Counterclaim on October 16, 2017. Voith’s Answer denied AMP’s claims, and Voith’s Counterclaim for breach of contract and unjust enrichment made the following allegations against AMP:

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

- (a) that a series of material interferences, hindrances, delays and defective performance by AMP, MWH and other Installation Contractors adversely impacted Voith, absolve Voith from liability to AMP, and make AMP liable to Voith;
- (b) that AMP materially breached its contract with Voith by inappropriately modifying and increasing Voith's scope of work and refusing to pay Voith for the added scope and legitimate requests for additional payments;
- (c) that AMP has failed and refused to pay the balance of the contract price and other amounts owed to Voith under the contract; and
- (d) that Voith has been damaged in an amount in excess of \$40M, plus interest and attorney fees.

On December 1, 2017, AMP filed its Answer and denied liability to Voith. Additionally, AMP filed a motion to strike some of Voith's affirmative defenses, which was resolved by Voith amending its Answer to include additional details related to its affirmative defenses. On December 5, 2017, the Court held a preliminary pretrial conference. At this conference AMP and Voith discussed their differing views on certain discovery issues and the case schedule. For instance, Voith has asked the Court to extend the limit on the number of depositions a party can take from 10 to 80, while AMP was willing to extend the limit from 10 to 25. The Court deferred ruling at this time on these discovery issues and set a status conference for April 19, 2018 to allow time for the parties to begin exchanging written discovery and electronically stored information.

On January 30, 2018, the parties exchanged initial disclosures that listed potential witnesses and provided preliminary damage calculations. Voith listed over 100 potential witnesses, and Voith identified over \$65 Million in damages based upon claims for outstanding Change Requests and Work Change Directives on the hydro projects. (Cannelton: \$19.5M; Smithland: \$20.5M; Willow Island: \$10.7M; Meldahl: \$14.6M). AMP listed over 70 potential witnesses, and AMP identified over \$90M in gross damages, without including any contractual limitations or caps on damages. (Cannelton: approx. \$32M; Smithland: approx. \$25M; Willow Island: approx. \$25M; Meldahl: approx. \$22M). Both sides are claiming pre-judgment and post-judgment interest and other damages and all damage calculations will be the subject of expert witness reports. AMP is currently working with its damages experts on these calculations; likewise, Voith has stated it is working with its damages experts on its calculations. It is therefore unlikely that the full measure of damages sought in this matter will be known until the close of expert discovery.

Also on January 30, 2018, the parties exchanged lists of custodians and search terms that will be used with respect to discovery and the collection and production of documents and electronically stored information. The parties met and conferred on these lists and terms to address their disputes, and a few remaining disputes were submitted to the Magistrate Judge for resolution and the Magistrate Judge denied each side's request at that time to expand the other side's search terms.

On January 14, 2019 the Court extended the case schedule in this matter by a few months at the request of Voith. The current case schedule establishes the following deadlines:

September 9, 2019	Affirmative Expert Reports
November 8, 2019	Defensive Expert Reports
December 6, 2019	Fact Discovery Completed
February 7, 2020	Rebuttal Expert Reports
April 30, 2020	Expert Discovery Completed
June 21, 2020	Dispositive Motion Deadline

American Municipal Power, Inc.
Notes to Interim Consolidated Financial Statements
Three Months Through and Ended March 31, 2019 (Unaudited)

The Magistrate Judge will be monitoring the discovery in this case closely, and has scheduled regular status conferences with the parties during the discovery phase of the case.

Both sides have responded to initial written discovery on October 5, 2018 and produced ESI discovery in mid-December. Fact depositions have begun and are expected to continue through the end of 2019. Extensive expert witness work is ongoing as well and will conclude with the close of expert discovery in 2Q 2020.

On February 4, 2019, Voith informed AMP that Voith's prior ESI production on December 17, 2018 had a serious technical error in which a substantial amount of Voith's ESI was not produced. Voith made a supplemental document production on May 10, 2019 of several hundred thousand documents.

AMP will vigorously pursue its claims and defend against Voith's Counterclaim. All costs associated with these claims are project costs recoverable from the project participants under their power sales agreement with AMP.

Other

AMP is also a party to various legal actions and complaints arising in the ordinary course of business. AMP does not believe that the ultimate resolution of such matters will have a material adverse effect on AMP's financial position or results of operations.

8. Subsequent Events

The Company has evaluated subsequent events through June 24, 2019 as this was the date the interim consolidated financial statements were available to be issued.