### Omaha Public Power District Other Postemployment Benefit Plan for Employees Hired After December 31, 2007

(A Component Unit of the Omaha Public Power District)

Financial Statements as of and for the Years Ended December 31, 2019 and 2018, Supplemental Schedules, and Independent Auditor's Report

(A Component Unit of the Omaha Public Power District)

### TABLE OF CONTENTS

	Page
INDEPENDENT AUDITOR'S REPORT	1-2
FINANCIAL STATEMENTS AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2019 AND 2018:	
Statements of Fiduciary Net Position	3
Statements of Changes in Fiduciary Net Position	4
Notes to Financial Statements	5–12
REQUIRED SUPPLEMENTARY INFORMATION:	13
Schedule of Changes in the Net OPEB Liability for the Years Ended December 31	14
Schedule of Employer Contributions for the Years Ended December 31	15
Schedule of Investment Rate of Return for the Years Ended December 31	16
Notes to Required Supplementary Information	17



#### **Independent Auditor's Report**

Board of Directors Omaha Public Power District Omaha, Nebraska

We have audited the accompanying financial statements of the Omaha Public Power District Other Post Employment Benefit Plan for Employees Hired after December 31, 2007 (the Plan), a component unit of Omaha Public Power District, as of and for the years ended December 31, 2019 and 2018, and the related notes to the financial statements, which collectively comprise the Plan's basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.



Board of Directors Omaha Public Power District Page 2

#### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position as of December 31, 2019 and 2018, and the changes in fiduciary net position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

#### **Other Matters**

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the other postemployment information as listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Management has omitted the management's discussion and analysis that accounting principles generally accepted in the United States of America require to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. Our opinion on the basic financial statements is not affected by this missing information.

Omaha, Nebraska March 12, 2020

BKD, LLP

(A Component Unit of the Omaha Public Power District)

#### STATEMENTS OF FIDUCIARY NET POSITION AS OF DECEMBER 31, 2019 AND 2018 (DOLLAR AMOUNTS IN THOUSANDS)

	2019	2018
ASSETS		
Investments, at fair value (Notes 4, 5)	\$ 4,987	\$ 3,876
Accrued dividend income	18	6
Total assets	5,005	3,882
LIABILITIES		
Accrued management fees and administrative expenses	3	5
Payable to OPEB Plan A	9	21
Total liabilities	12	26
NET POSITION — RESTRICTED FOR OTHER POSTEMPLOYMENT BENEFITS	<u>\$ 4,993</u>	\$ 3,856

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

(A Component Unit of the Omaha Public Power District)

### STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION FOR THE YEARS ENDED DECEMBER 31, 2019 AND 2018 (DOLLAR AMOUNTS IN THOUSANDS)

	2019	2018
ADDITIONS		
Contributions Employer	\$ 625	\$ -
Investment income		
Net appreciation/(depreciation) in fair value of investments	435	(233)
Dividend income	136	103
Total investment income /(loss)	571	(130)
Less: Investment expenses	(17)	(17)
Net investment income/(loss)	554	(147)
Total additions/(deductions)	1,179	(147)
DEDUCTIONS		
Health care benefits	9	18
Administrative expenses	33	21
Total deductions	42	39
NET CHANGE	1,137	(186)
NET POSITION — RESTRICTED FOR OTHER POSTEMPLOYMENT BENEFITS		
Beginning of year	3,856	4,042
End of year	\$ 4,993	\$ 3,856

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

(A Component Unit of the Omaha Public Power District)

NOTES TO FINANCIAL STATEMENTS AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2019 AND 2018

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting—The financial statements of the Omaha Public Power District Other Postemployment Benefit Plan for Employees Hired After December 31, 2007 (the "Plan" or "OPEB Plan B") are prepared in accordance with accounting principles generally accepted in the United States of America. The financial statements of the Plan have been prepared in accordance with Governmental Accounting Standards Board (GASB) Codification Section Po50, Postemployment Benefit Plans Other Than Pension Plans – Defined Benefit. Omaha Public Power District ("OPPD") is not subject to the Employee Retirement Income Security Act ("ERISA") of 1974. The Plan is a fiduciary component unit of OPPD.

Method Used to Value Investments and Income Recognition—Investments are reported at fair value. Investments in securities traded on a national securities exchange are valued at the last reported trade price on the last business day of the year. Purchases and sales of securities are recorded on a trade-date basis. Realized gains and losses on sales of investments and unrealized appreciation and depreciation in fair value of investments are based upon beginning of year market values, or cost if acquired during the year. Dividend income is recorded on the ex-dividend date.

**Contributions**—Employer contributions are recognized when both the related employee services have been rendered and the employer has made a formal commitment to provide the contributions. Plan members do not contribute to this Plan.

**Benefits**—Benefit expenses are recognized when due and are paid in accordance with the terms of the Plan.

**Expenses of the Plan**—Expenses such as trustee fees and investment management fees for investments are deducted from investment income. Administrative expenses consist of consulting fees, audit fees and attorney fees.

**Use of Estimates**—The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of plan net position and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits and changes therein at the date of the financial statements. Actual results could differ from those estimates.

**Risks and Uncertainties**—The Plan may utilize various investment instruments, including U.S. government securities, corporate bonds and other debentures, mutual funds, preferred and common stocks and collective investment funds. Investment securities, in general, are exposed to various risks, such as interest rate, credit and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the

near term and that such change could materially affect the amounts reported in the financial statements.

**Comparative Data -** Certain amounts presented in the prior year data have been reclassified in order to be consistent with the current year presentation. These reclassifications had no effect on net change or net position.

#### 2. PLAN DESCRIPTION

**General**—The following description of the Omaha Public Power District Other Postemployment Benefit Plan for Employees Hired After December 31, 2007 is provided for general information purposes only. Participants should refer to the Plan agreement for a complete description of the Plan's provisions.

The Plan is officially named the Retirees' Medical Coverage Premium Plan for Employees Hired after December 31, 2007, and is commonly referred to as the Retirees' Medical Premium Plan or OPEB Plan B. The Plan provides benefits for the payment of OPPD's share of the premium for postemployment health care benefits for these retirees, their spouses and dependents, and surviving spouses. The Plan is a single-employer defined benefit plan. The Plan was established and may be amended at the discretion of Omaha Public Power District's ("OPPD") Board of Directors and is administered by OPPD. The Board of Directors performs the duties of a governing board for the Plan.

Substantially all full-time employees of OPPD hired after December 31, 2007, participate in the Plan. Membership in the Plan consisted of the following at January 1, 2019 and 2018:

	2019	2018
Plan members receiving benefits	7	5
Active Plan members	<u>765</u>	704
Total	<u>772</u>	709

There is a separate Other Postemployment Benefit Plan ("OPEB Plan A") for employees hired December 31, 2007 and before.

**Plan Benefits**—A retiree's (and eligible spouse's) or surviving spouse's benefit equals the monthly cost of OPPD's share of the premium for the applicable coverage under OPPD's self-insured Medical Plan or Medicare Supplement and Part D Plans. Effective January 1, 2019, the Medicare Supplement Plan was replaced with the Medicare Advantage plan, which includes a Part D drug plan. Benefits are based on the coverage elected by the Plan members and the balance in the member's hypothetical account, which is a bookkeeping account. The requirements for retirement eligibility under OPPD's retirement plan determines when Plan members are eligible for medical benefits.

Each member receives a hypothetical allocation of \$10,000 on their employment date, \$1,000 annually on their anniversary date and interest income at 5.0% annually. Plan members are required to pay a premium based on the elected coverage and their respective premium cost share. The Plan pays for OPPD's share of the health care premium for members. For members who are retired and eligible for Medicare, OPPD's self-insured Medical Plan is secondary. Commencing in 2014, Medicare Supplement and Part D Plans are available to post-65 medical and prescription coverage instead of OPPD's

self-insured Medical Plan. Effective January 1, 2019, the Medicare Supplement Plan was replaced with the Medicare Advantage plan, which includes a Part D drug plan.

Plan benefits will continue until the member and eligible spouse cease to be covered under OPPD's self-insured Medical Plan or Medicare Supplement and Part D Plans, the member's hypothetical account is depleted, or the Plan terminates, whichever occurs first. Benefits are forfeited for any member who fails to retire or who retires but does not immediately commence payments. The benefits from this Plan are transferred to OPEB Plan A for payment of related claims and expenses.

**Contributions**—Employer contributions to the Plan are actuarially determined, and employer funds are contributed, as needed. The actuarially determined contribution ("ADC") was fully funded in the amount of \$625,000 for 2019. No employer contribution was required for 2018 as the Plan was overfunded. Plan members do not contribute to this Plan.

**Plan Termination**—While OPPD has not expressed any intent to terminate the Plan, it is free to do so at any time, by action of its Board of Directors, provided such action does not abrogate the terms of existing collective bargaining agreements. Should the Plan be terminated at some future time, any assets remaining in the Trust will be used solely to meet the Plan's obligation to provide benefits to or for the benefit of covered members and their beneficiaries.

#### 3. NET OPEB LIABILITY/(ASSET)

The net OPEB liability/(asset) is the Plan's total OPEB liability determined in accordance with GASB 74, less the Plan's fiduciary net position. The total OPEB liability as of December 31, 2019 and 2018, respectively, is based on the results of an actuarial valuation date of January 1, 2019 and 2018, respectively, and rolled forward using generally accepted actuarial procedures. The Plan's net OPEB liability/(asset) was (\$35,000) and \$77,000 as of December 31, 2019 and 2018, respectively. The following table summarizes the components of the net OPEB liability, in thousands.

	2019	2018
Total OPEB liability Plan fiduciary net position	\$ 4,958 (4,993)	\$ 3,933 (3,856)
Net OPEB liability/(asset)	\$ (35)	\$ 77
Plan fiduciary net position as a percentage of the total OPEB liability	100.71%	98.06%

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events in the future. Examples include assumptions about future employment and mortality trends. The valuation amounts are subject to periodic revisions as actual results are compared with past expectations and new estimates are made about the future.

The actuarial assumptions are based on a study of the experience of the covered group. The last actuarial expense study was performed during 2016. Other significant actuarial

assumptions and methods used for the valuations on January 1, 2019 and 2018 were as follows:

- The actuarial cost method used was Entry Age Normal.
- Amortization for gains/losses was determined using a closed period of 15 years and the level dollar method.
- The investment return (discount rate) used was 5.25%.
- The inflation rate used was 2.5%.
- The mortality table used for both healthy and disabled participants was the PUB-2010 general table with generational projection using Scale MP-2018 for 2019 and the RP-2014 Aggregate Table projected back to 2006 using Scale MP-2014 and projected forward using Scale MP-2017 with generational projection for 2018.

**Discount Rate -** The discount rate was determined using the OPPD's expected long-term rate of return of each asset class, including inflation. The projection of cash flows used to determine the discount rate assumed that OPPD contributions will be equal to the actuarially determined contribution rate. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on Plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

The following table summarizes the Target Allocation and Long-Term Expected Real Rate of Return, presented in geometric means, for each major Asset Class in the OPEB Plan.

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return *
Domestic fixed income	70.0%	1.8%
Global equity	30.0	5.3
Total	100%	

<sup>\*</sup>Based on 2019 forward looking capital market assumptions.

**Sensitivity -** The following table illustrates the impact of a 1% discount rate change on the Total OPEB liability/(asset) and the Net OPEB liability/(asset) as of December 31, 2019, in thousands.

	1% Decrease					
	4	.25%	Ę	5.25%		6.25%
Total OPEB liability Plan fiduciary net position	\$	5,431 (4,993)	\$	4,958 (4,993)	\$	4,522 (4,993)
Net OPEB liability/(asset)	\$	438	\$	(35)	\$	(471)

The following table illustrates the impact of a 1% discount rate change on the Total OPEB liability and the Net OPEB liability/(asset) as of December 31, 2018, in thousands.

					1% Discount				1% Increase
	4	.25%	5	.25%		6.25%			
Total OPEB liability Plan fiduciary net position	\$	4,333 (3,856)	\$	3,933 (3,856)	\$	3,567 (3,856)			
Net OPEB liability/(asset)	\$	477	\$	77	\$	(289)			

The Net OPEB liability/(asset) is not affected by the healthcare cost trend rates as the Plan only covers the monthly cost of OPPD's share of the premium. Increases or decreases in the heathcare trend rates do not impact the member's hypothetical account.

#### 4. INVESTMENTS

The Plan has a formal investment policy with specific financial objectives. The investment policy maintains diversification with the intent to minimize the risk of large losses to the Plan. Certain asset allocations are established for U.S. equities, non-U.S. equities and fixed income investments. The types of investments approved for purchase are specified in the policy and all investments are made according to the laws of the State of Nebraska. Plan performance of investment managers is reviewed periodically. The investment managers are required to meet certain performance standards measured against benchmarks. Investment managers that fail to meet these minimum standards are subject to termination.

The following table presents the fair value of investments as of December 31, 2019 and 2018 (dollar amounts in thousands):

	2019	2018
Money market fund Total money market fund	\$ 645 645	\$ 51 51
Mutual funds Hartford Total Return Bond Fund Vanguard Total World Stock Index Fund Vanguard Total Bond Market Index Fund Total mutual funds	2,817 1,525  4,342	- 1,203 <u>2,622</u> 3,825
Total investments	\$ 4,987	\$ 3,876

Money-weighted Rate of Return—As of December 31, 2019 and 2018, the money-weighted rate of return was 14.6% and (3.3)%, respectively. The money-weighted rate of return considers the changing amounts actually invested during a period and weights the amount of OPEB plan investments by the proportion of time they are available to return during that period. External cash flows are determined on a monthly basis and are assumed to occur at the middle of each month. External cash inflows are netted with external cash outflows, resulting in a net external cash flow each month. The money-weighted rate of return is calculated net of investment expenses.

**Credit Risk** — The Plan's investment in money market funds were rated Aaa-mf by Moody's Investors Service and AAAm by Standard & Poor's Rating Services.

**Custodial Credit Risk**— Custodial credit risk is the risk that, in the event of the failure of a depository financial institution or counterparty to the transaction, the Plan will not be able to recover the value of its investment or collateral securities that are in the possession of an outside party. All investment securities are delivered under contractual trust agreements, maintained in the name of the Trust, and not in the title of a third party.

**Concentration Risk**— This is the risk of loss attributed to the magnitude of an entity's investment in a single issuer. As of December 31, 2019 and 2018, there were no individually held investments that made up more than 5 percent of the Trust's portfolio.

#### 5. FAIR VALUE MEASUREMENTS

The Plan accounts for fair value in accordance with GASB Statement No. 72, Fair Value Measurement and Application (GASB 72), which defines fair value, establishes methods for measuring fair value by applying one of three observable valuation approaches (market approach, income approach and cost approach) and establishes required disclosures about fair value measurements.

Fair value is the exchange price that would be received to sell an asset or paid to transfer a liability in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants at the measurement date.

GASB 72 establishes a fair value hierarchy that prioritizes the inputs used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in an active market for identical assets or liabilities and the lowest priority to unobservable inputs. Financial assets and liabilities are classified in their entirety based on the lowest level input that is significant to the fair value measurement. The three levels of fair value hierarchy defined in GASB 72 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 in which transactions for the asset or liability occur in sufficient frequency and volume to provide pricing information on an ongoing basis.

Level 2: Inputs are other than quoted market prices in the active markets included in Level 1, which are either directly or indirectly observable for the asset or liability as of the reporting date. Level 2 inputs include the following:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Level 3: Pricing inputs include significant inputs that are unobservable and cannot be corroborated by market data. Level 3 assets and liabilities are valued based on internally developed models and assumptions or methodologies using significant unobservable inputs.

The fair value of investments is externally provided by the trustee or the investment managers that manage the funds. The trustee utilizes third-party pricing services to assist in their valuations.

The following tables summarize in accordance with the fair value hierarchy the Plan's assets that are accounted for and reported at fair value on a recurring basis by level as of December 31, 2019 and 2018 (in thousands):

	2019				
	Total	Level 1	Level 2	Level 3	
Money market funds Mutual funds	\$ 645 4,342	\$ 645 4,342	\$ -	\$ - -	
Total investments measured at fair value	\$ 4,987	\$ 4,987	\$ -	\$ -	

	2018				
	Total	Level 1	Level 2	Level 3	
Money market funds	\$ 51	\$ 51	\$ -	\$ -	
Mutual funds	3,825	3,825			
Total investments measured at fair value	\$ 3,876	\$ 3,876	\$ -	\$ -	

#### **VALUATION METHODOLOGIES**

Money Market Funds—The fair value of shares in money market funds are valued with an NAV of \$1, which approximates fair value. They are priced on inputs obtained from Bloomberg, a pricing service whose prices are obtained from direct feeds from exchanges that are either directly or indirectly observable and are categorized as Level 1 assets.

**Mutual Funds**—Mutual funds are priced using active market exchanges, and sources include Interactive Data Pricing and Reference Data LLC. The fair values of shares in mutual funds are based on inputs that are quoted prices in active markets for identical assets and; therefore, have been categorized as Level 1 assets.

#### 6. INCOME TAX STATUS

The Plan is a tax-exempt Voluntary Employees' Beneficiary Association (VEBA) trust under Section 501(c)(9) of the Internal Revenue Code. Therefore, no provision for income taxes has been included in the Plan's financial statements.

\* \* \* \* \* \*

### REQUIRED SUPPLEMENTARY INFORMATION

(A Component Unit of the Omaha Public Power District)

#### REQUIRED SUPPLEMENTARY INFORMATION SCHEDULE OF CHANGES IN NET OPEB LIABILITY FOR THE YEARS ENDED DECEMBER 31

	2019	2018	2017
Total OPEB liability	2019	2010	2017
Service cost	\$ 565,051	\$ 491,736	\$ 426,224
Interest	235,911	216,121	160,278
Differences between expected and actual experience	152,597	60,637	54,223
Changes of assumptions	80,703	(451,761)	372,777
Benefit payments	(8,768)	(17,311)	(13,446)
Net change in total OPEB liability	1,025,494	299,422	1,000,056
Total OPEB liability—beginning	3,932,813	3,633,391	2,633,335
Total OPEB liability—ending (a)	\$ 4,958,307	\$ 3,932,813	\$ 3,633,391
Plan fiduciary net position			
Contributions—employer	\$ 624,776	\$ -	\$ -
Net investment income	568,491	(133,420)	356,370
Benefit payments	(8,768)	(17,311)	(13,446)
Administrative expense	(47,243)	(35,296)	(35,624)
Net change in plan fiduciary net position	1,137,256	(186,027)	307,300
Plan fiduciary net position—beginning	3,856,422	4,042,449	3,735,149
Plan fiduciary net position—ending (b)	\$ 4,993,678	\$ 3,856,422	\$ 4,042,449
Net OPEB liability/(asset)—ending (a) – (b)	<u>\$ (35,371)</u>	<u>\$ 76,391</u>	<u>\$ (409,058</u> )
Plan fiduciary net position as a percentage of the total OPEB liability	100.71 %	98.06 %	111.26 %

Schedule is intended to show information for 10 years. Additional years will be displayed when available.

See accompanying independent auditor's report and notes to required supplementary information.

(A Component Unit of the Omaha Public Power District)

REQUIRED SUPPLEMENTARY INFORMATION SCHEDULE OF EMPLOYER CONTRIBUTIONS FOR THE YEARS ENDED DECEMBER 31 (DOLLAR AMOUNTS IN THOUSANDS)

The actuarially determined contributions were based on actuarial valuations as of January 1 each year and rolled forward using generally accepted actuarial procedures.

The Plan was overfunded through December 31, 2018, so no employer contribution was required, despite the actuarially determined contribution.

	Dete	uarially ermined ribution	Actual Employer Contribution		Contribution Deficiency (Excess)	
2019	\$	625	\$	625	\$	-
2018		323		-		-
2017		123		-		-
2016		29		-		-
2015		297		-		-
2014		145		-		-
2013		47		-		-
2012		-		-		-
2011		-		-		-
2010		-		-		-

See accompanying independent auditor's report and notes to required supplementary information.

(A Component Unit of the Omaha Public Power District)

## REQUIRED SUPPLEMENTARY INFORMATION SCHEDULE OF MONEY-WEIGHTED RATE OF RETURN FOR THE YEARS ENDED DECEMBER 31

	Annual Money	/
	weighted	
	Rate of Return	
2019	14.6 %	
2018	(3.3)%	
2017	9.6 %	
2016	(1.3)%	

Schedule is intended to show information for 10 years. Additional years will be displayed when available.

See accompanying independent auditor's report and notes to required supplementary information.

(A Component Unit of the Omaha Public Power District)

#### **Notes to Required Supplementary Information**

Valuation Date: Actuarially determined contribution rates are calculated as of January 1, one-year prior to the end of the fiscal year in which contributions are reported.

#### Changes in Benefit Terms, Actuarial Methods and Assumptions used for 2019

Changes in Benefit Terms: none

Actuarial Cost Method: Entry Age Normal with a 15-year closed amortization period for unfunded liability

Asset Valuation Method: Market Value Salary Increases: Varies by age

Investment Rate of Return: 5.25%

Retirement Rates: Varies by age and service

Mortality Rates: The mortality table used for both healthy and disabled participants was the PUB-2010

general table with generational projection using Scale MP-2018.

#### Changes in Benefit Terms, Actuarial Methods and Assumptions used for 2018

Changes in Benefit Terms: none

Actuarial Cost Method: Entry Age Normal with a 15-year closed amortization period for unfunded liability

Asset Valuation Method: Market Value Salary Increases: Varies by age Investment Rate of Return: 5.25%

Retirement Rates: Varies by age and service

Mortality Rates: The mortality table used for both healthy and diabled participants was the RP-2014 Aggregate Table projected back to 2006 using Scale MP-2014 and projected forward using Scale MP-

2017 with generational projection.

#### Changes in Benefit Terms, Actuarial Methods and Assumptions used for 2017

Changes in Benefit Terms: none

Actuarial Cost Method: Entry Age Normal with a 15-year closed amortization period for unfunded liability

Asset Valuation Method: Market Value Salary Increases: Varies by age Investment Rate of Return: 5.25%

Retirement Rates: Varies by age and service

Mortality Rates: The mortality table used for both healthy and disabled participants was the RP-2014 Aggregate Table projected back to 2006 using Scale MP-2014 and projected forward using Scale MP-

2016 with generational projection.