



Maine Public Employees Retirement System

Retiree Group Life Insurance Program

Participating Local Districts (PLDs) Actuarial Valuation and GASB Statement No. 74 Report as of June 30, 2020

Presented by Cheiron October 2020

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October 15, 2020

Board of Trustees Maine Public Employees Retirement System PO Box 349 Augusta, Maine 04332-0349

Dear Members of the Board:

The purpose of this report is to provide accounting and financial reporting information under Governmental Accounting Standards Board (GASB) Statement No. 74 and present the estimated Postretirement Group Life Insurance obligations as of June 30, 2020, for the Maine Public Employees Retirement System (MainePERS or System) based on a full valuation of the obligations as of June 30, 2020.

This report covers the participants of Participating Local Districts Plans (PLDs).

This report includes:

- Determination of the discount rate,
- Calculation of the Total OPEB Liability (TOL) as of the valuation date,
- Calculation of the Net OPEB Liability (NOL) at the discount rate as well as discount rates one percentage higher and lower than the discount rate, and
- Changes in the Net OPEB Liability.

We have determined the costs and liabilities for the substantive plan using actuarial assumptions and methods that we consider reasonable. The information shown in this report is primarily for financial disclosure purposes since the contributions for the participants of the PLDs are based on premiums set by the premium studies.

The current premium rates reflect rate changes adopted by the Board of Trustees based on a premium study conducted in 2020. The basic premiums remained at \$0.21 bi-weekly per \$1,000 of coverage for fiscal year (FY) 2020 for both active and retired PLD participants. Basic premiums will increase to \$0.22 for FY 2022, \$0.23 for FY 2024, and \$0.24 for FY 2026. For active participants, \$0.11 is allocated to fund active benefits in all years, while the difference is allocated to fund future retiree benefits. Any further increases would be determined by the next premium study in 2024.

In preparing our report, we relied on information (some oral and some written) supplied by the System. This information includes, but is not limited to, the plan provisions, employee data, and financial information. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23.

Board of Trustees Maine Public Employees Retirement System October 15, 2020 Page ii

Future actuarial measurements may differ significantly from the current measurements due to such factors as the following: plan experience differing from that anticipated by the assumptions; changes in assumptions; and changes in plan provisions or applicable law.

This report does not contain any adjustments for the potential impact of COVID-19. We anticipate the virus will impact both mortality and claims in the short term, as well as potentially other demographic experience. However, the net impact is not determinable at this time.

This report and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices and our understanding of the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board as well as applicable laws and regulations. Furthermore, as credentialed actuaries, we meet the Qualification Standards of the American Academy of Actuaries to render the opinion contained in this report. This report does not address any contractual or legal issues. We are not attorneys, and our firm does not provide any legal services or advice.

This report was prepared for the Maine Public Employees Retirement System for the purposes described herein and for the use by the Plan auditor in completing an audit related to the matters herein. Other users of this report are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to any such other users.

Sincerely, Cheiron

John Colberg, FSA, MAAA, EA Principal Consulting Actuary

Ryan Benitez, ASA, MAAA

Associate Actuary



SECTION I – SUMMARY OF KEY RESULTS

Funding Results

The table below shows the results on a funding basis which reflects a discount rate of 6.75% in 2019 and 2020.

Table I-1 Result Reflecting Funding Assumptions for PLDs					
	As of	June 30, 2019	As of	f June 30, 2020	
Actuarial Liability					
- Active Employees	\$	10,324,090	\$	9,353,942	
- Retirees	\$	18,521,645	\$	9,353,942 20,222,819	
Total	\$	28,845,735	\$	29,576,761	
Less: Assets at Valuation Date ¹	\$	16,259,162	\$	16,384,579	
Unfunded Actuarial Liability (UAL)	\$	12,586,573	\$	13,192,182	

The assets shown have been adjusted to reflect only assets dedicated to retiree benefits.



SECTION I – SUMMARY OF KEY RESULTS

Financial Reporting Results

This report is the fourth report under the Governmental Accounting Standards Board (GASB) Statement No. 74. The reporting date for the Maine Public Employees Retirement System Retiree Group Life Insurance Program presented in this report is June 30, 2020. Measurements as of the reporting date are based on the fair value of assets as of June 30, 2020, and the Total OPEB Liability (TOL) as of the valuation date, June 30, 2020. Beginning of period liabilities were measured with the blended discount rate of 4.98%, while the end of period liabilities were measured with a discount rate equal to the long-term expected rate of return on plan investments, 6.75%. There was an update of census data since the prior valuation, as well as an update to the future contribution rates based on the results of the 2020 Premium Study. Section II contains details of discount rate selection and contribution changes.

Beginning of year measurements presented in this report are based on the actuarial valuation as of June 30, 2019. Since this is a full valuation, liability gains or losses due to experience are reported due to the updated census information. There was also a gain due to the blended discount rate changing from 4.98% to 6.75%.

Table I-2 below provides a summary of the key results during this reporting period ending on June 30, 2020.

Table I-2 Summary of Results					
		surement Date 06/30/2019		surement Date 06/30/2020	
Total OPEB Liability	\$	37,656,642	\$	29,576,761	
Plan Fiduciary Net Position		16,259,162		16,384,579	
Net OPEB Liability	\$	21,397,480	\$	13,192,182	



SECTION II – DETERMINATION OF DISCOUNT RATE

MainePERS's funding policy is for PLD employees to pay \$0.21 biweekly per \$1,000 in coverage for all participants. Of the \$0.21 for actives, \$0.10 is allocated to the Retiree Fund for retiree benefits.

As recommended in Option 3 of the 2020 Premium Study, the following increases are assumed:

- FYE 2022: \$0.22 for retirees with \$0.11 of active premiums allocated to the Retiree Fund
- FYE 2024: \$0.23 for retirees with \$0.12 of active premiums allocated to the Retiree Fund
- FYE 2026: \$0.24 for retirees with \$0.13 of active premiums allocated to the Retiree Fund

The discount rate at June 30, 2020 is 6.75%, which is the assumed long-term expected rate of return on plan investments. The fiduciary net position was projected to be available to make all projected future benefit payments for current plan members. As such, the long-term expected rate of return on the Program's investments was applied to all periods of projected benefit payments in determining the Total OPEB Liability. The projection of cash flows used to determine the discount rate assumed that the employer contributions will be made according to the funding policy described in the above paragraph.

The discount rate at June 30, 2019 used to measure the Total OPEB Liability was 4.98% which was a blend of the assumed long-term expected rate of return of 6.75% on the Plan's investments and a municipal bond index rate of 3.50% based on the Bond Buyer GO 20-Year Municipal Bond Index as of June 30, 2019. Following the procedures described in paragraphs 43 - 53 of GASB Statement 74, projections of the System's fiduciary net position indicated that it was not expected to be sufficient to make projected benefit payments for current plan members after 2050. Therefore the portion of future projected benefit payments after 2050 were discounted at the municipal bond index rate. See the valuation as of June 30, 2019 for details of this calculation.



SECTION III – PROJECTION OF TOTAL OPEB LIABILITY

The TOL is measured as of a valuation date of June 30, 2020. This is a full valuation, which is completed at least every two years, and roll forward valuations performed in the off years. The significant events in calculating the TOL as of the valuation date were an update in census data and a change in the blended discount rate used to measure the TOL from 4.98% to 6.75%. The table below shows the calculated TOL at discount rates equal to the rate used for disclosure purposes and plus and minus one percent from the rate used for disclosure purposes. The TOL has been determined using the entry age actuarial cost method as described in paragraph 54 of GASB Statement 74.

Table III-1 shows the TOL as of the valuation date for the assumed discount rate as well as for plus and minus one percent of this discount rate.

Table III-1 Total OPEB Liability Sensitivity at 6/30/2020 Measurement Date					
Discount Rate		5.75%		6.75%	7.75%
Total OPEB Liability, 6/30/2020 Actives Deferred Vested Retirees Total	\$ 	11,562,402 0 22,589,590 34,151,992		9,353,942 0 20,222,819 29,576,761	\$ 7,663,345 0 18,236,053 25,899,398



SECTION IV – NOTE DISCLOSURES

Table IV-1 below shows the changes in TOL, the plan fiduciary net position (i.e., fair value of plan assets), and the Net OPEB Liability during the measurement year. Since this is a full valuation, there is a difference between expected and actual experience due to the updated census information. The blended discount rate used to measure the TOL was changed from 4.98% to 6.75%, and the impact on the liability due to this change is noted in the changes of assumptions. Additionally, based on the results of the 2020 Premium Study, the future retiree contribution rates were increased as described in Section II, this change is noted in the changes of benefits.

Table IV-1 Change in Net OPEB Liability - PLD						
			Incr	ease (Decrease)		
		Total OPEB Liability (a)		an Fiduciary Net Position (b)		Net OPEB Liability (a) - (b)
Balances at 06/30/2019	\$	37,656,642	\$	16,259,162	\$	21,397,480
Changes for the year:						
Service cost		522,353				522,353
Interest		1,941,994				1,941,994
Changes of benefits		(636,731)				(636,731)
Changes of assumptions		(9,045,090)				(9,045,090)
Differences between expected and actual experience		727,053				727,053
Contributions - employer				1,127,014		(1,127,014)
Contributions - member				0		0
Net investment income				752,517		(752,517)
Benefit payments		(1,589,460)		(1,589,460)		0
Administrative expense		0		(164,654)		164,654
Net changes		(8,079,881)		125,417		(8,205,298)
Balances at 6/30/2020	\$	29,576,761	\$	16,384,579	\$	13,192,182



SECTION IV – NOTE DISCLOSURES

Changes in the discount rate would affect the measurement of the TOL. Lower discount rates produce a higher TOL and higher discount rates produce a lower TOL. Because the discount rate does not affect the measurement of assets, the percentage change in the NOL can be very significant for a relatively small change in the discount rate. Table IV-2 shows the sensitivity of the TOL and NOL to the discount rate.

Table IV-2 Sensitivity of Net OPEB Liability to Changes in Discount Rate						
		1% Decrease 5.75%		Discount Rate 6.75%		1% Increase 7.75%
Total OPEB Liability Plan Fiduciary Net Position	\$	34,151,992 16,384,579	\$	29,576,761 16,384,579	\$	25,899,398 16,384,579
Collective Net OPEB Liability Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	\$	17,767,413 48.0%	\$	13,192,182	\$	9,514,819

A one percent decrease in the discount rate increases the TOL by approximately 15.5% and increases the NOL by approximately 34.7%. A one percent increase in the discount rate decreases the TOL by approximately 12.4% and decreases the NOL by approximately 27.9%.



SECTION V – REQUIRED SUPPLEMENTARY INFORMATION

Table V-1 Schedule of Changes in Net OPEB Liability and Related Ratios					
		FY 2020			
<u>Total OPEB Liability</u>					
Service cost (BOY)	\$	522,353			
Interest (includes interest on service cost)		1,941,994			
Changes of benefit terms		(636,731)			
Differences between expected and actual experience		727,053			
Changes of assumptions		(9,045,090)			
Benefit payments, including refunds of member contributions		(1,589,460)			
Net change in total OPEB liability		(8,079,881)			
Total OPEB liability - beginning		37,656,642			
Total OPEB liability - ending	\$	29,576,761			
Plan fiduciary net position					
Contributions - employer	\$	1,127,014			
Contributions - member		0			
Net investment income		752,517			
Benefit payments, including refunds of member contributions		(1,589,460)			
Administrative expense		(164,654)			
Net change in plan fiduciary net position	\$	125,417			
Plan fiduciary net position - beginning		16,259,162			
Plan fiduciary net position - ending	\$	16,384,579			
Net OPEB liability - ending	\$	13,192,182			
Plan fiduciary net position as a percentage of the total OPEB liability		55.40%			
Covered employee payroll	\$	291,745,500			
Net OPEB liability as a percentage of covered employee payroll		4.52%			

Notes to Schedule of Changes in Net OPEB Liability and Related Ratios None

A ten-year schedule of changes in NOL and related ratios is to be included within the CAFR for MainePERS. However, based on GASB guidance, this ten-year history can be built one year at a time following implementation. We have shown only the current year of this *Schedule of Changes in Net OPEB Liability and Related Ratios* above and believe that you can accumulate these individual years in the MainePERS CAFR to build this schedule to show the full ten-year schedule over time. Notes to this schedule should be included for any factors significantly impacting the trends reported within the period shown in this schedule at that time. As of June 30, 2020, we have not included such a note in the *Notes to Schedule of Changes in Net OPEB Liability and Related Ratios* above. However, it is our expectation that the System staff will make the final determination regarding any notes needed for this schedule and are available to provide any information they may need for this purpose.



SECTION V – REQUIRED SUPPLEMENTARY INFORMATION

If an Actuarially Determined Contribution is calculated, the following schedule is required. An Actuarially Determined Contribution is a contribution amount determined in accordance with Actuarial Standards of Practice.

Table V-2 Schedule of Employer Contributions During Fiscal Year 2020	
	PLD
Actuarially Determined Contribution Contributions in Relation to the Actuarially Determined Contribution	\$ 1,544,340 1,127,014
Contribution Deficiency/(Excess)	\$ 417,326
Covered Payroll Contributions as a Percentage of Covered Payroll	\$ 291,745,500 0.39%

Notes to Schedule

Valuation Date: June 30, 2016

Timing: The ADC is calculated in advance of the completion of the prior biennial

valuation and thus rolled-forward from prior results. In this case, ADCs for 2020 and 2021 are based on the June 30, 2016 valuation rolled forward and

adjusted for changes in assumptions.

Key Methods and Assumptions Used to Determine Contribution Rates for FY 2020

Actuarial Cost Method: Entry Age Normal Asset Valuation Method: Market Value

Amortization Method: Level percent closed with 16 years remaining for FY 2020

Discount Rate: 6.875%
Salary Inflation: 2.750%
Administrative Expense Load: 8.66%

A complete description of the methods and assumptions used to determine contribution rates for the year ending June 30, 2020 can be found in the June 30, 2016 Actuarial Valuation report.



SECTION V – REQUIRED SUPPLEMENTARY INFORMATION

Table V-3 that follows is provided in this report at the request of MainePERS staff, showing the development of the average remaining service life for the Program. GASB 75 requires some items be recognized by employers into OPEB expense over a period "equal to the average of the expected remaining service lives of all employees that are provided with OPEB through the OPEB plan (active employees and inactive employees) determined as of the beginning of the measurement period." For the current measurement year ending on June 30, 2020, these values are thus developed based on the prior full biennial valuation data as of June 30, 2018. The development of this value is shown below, including reflection of the decision by MainePERS to round the resulting value to the nearest whole year.

Table V-3 Average Expected Remaining Service Life For Measurement Year Ending June 30, 2020					
	Total Expected	C .	Average Remaining		
Status	Future Service	Count	Service Life		
Actives	51,268	5,495	9		
Inactives	<u>0</u>	<u>2,850</u>	<u>0</u>		
Total Membership	51,268	8,345	6		



APPENDIX A – PARTICIPANT DATA, ASSUMPTIONS, AND METHODS

Participant Data as of June 30, 2020

Table A-1						
Active Member Data						
		Average	Average			
Group	Count	Age	Service	Average Salary		
PLDs	5,498	49.2	10.8	\$ 53,064		

Table A-2 Non-Active Member Data					
Group	Count	Average Age		verage Senefit ¹	
PLDs	2,879	72.6	\$	17,976	

¹Ultimate benefit (40% of initial base benefit)

Note that all assumptions are based on the MainePERS Pension assumptions, which were updated after the experience study performed three years ago. All assumptions specific to this valuation are detailed in the following section.



APPENDIX A – PARTICIPANT DATA, ASSUMPTIONS, AND METHODS

A. Actuarial Assumptions

1. Annual Rate of Investment Return

Funding Investment Return: 6.75% per year

GASB Beginning of Year Liability Return: 4.98% per year

GASB End of Year Liability Return: 6.75% per year

2. Cost-of-Living Adjustment in Life Benefits

N/A. Unlike pension benefits, Life Benefits do not increase with the Cost of Living.

3. Annual Rate of Individual Salary Increase (% at Selected Years of Service)

Years of Service	Rate of Increase
0	9.00%
1	4.80
2	3.60
3	3.10
4	2.75
5	2.75
10	2.75
15	2.75
20	2.75
25	2.75
30	2.75

The above rates include a 2.75% across-the-board increase at each year of service.



APPENDIX A – PARTICIPANT DATA, ASSUMPTIONS, AND METHODS

4. Sample Rates of Termination (% at Selected Years of Service)

Service	Regular	Special
0	25.0%	25.0%
1	20.0	12.5
2	15.0	10.0
3	12.0	7.5
4	10.0	5.0
5	9.0	4.0
10	6.0	2.5
15	4.0	2.5
20	2.5	2.5

5. Sample Rates of Mortality for Healthy Annuitant Lives at Selected Ages (number of deaths per 10,000 members)

	(Showing values in 2020)	
Age	Male	Female
50	40	31
55	57	42
60	77	61
65	109	94
70	169	150
75	275	247
80	463	417
85	808	741
90	1,440	1,339
95	2,298	2,227

Rates are based on 104% and 120% of the RP-2014 Total Dataset Healthy Annuitant Mortality Table, respectively, for males and females, using the RP-2014 Total Dataset Employee Mortality Table for ages prior to the start of the Healthy Annuitant Mortality Table, both projected from the 2006 base rates using the RPEC_2015 model, with an ultimate rate of 0.85% for ages 20-85 grading down to an ultimate rate of 0.00% for ages 111-120, and convergence to the ultimate rate in the year 2020.



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APPENDIX A – PARTICIPANT DATA, ASSUMPTIONS, AND METHODS

6. Sample Rates of Mortality for Active Lives at Selected Ages (number of deaths per 10,000 members)*

	(Showing values in 2020)	
Age	Male	Female
20	4	2
25	4	2
30	4	2
35	5	3
40	6	5
45	9	7
50	17	12
55	28	19
60	46	29
65	82	43

Rates are based on 104% and 120% of the RP-2014 Total Dataset Employee Mortality Table, respectively, for males and females, using the RP-2014 Total Dataset Healthy Annuitant Mortality Table rates after the end of the Total Employee Mortality Table, both projected from the 2006 base rates using the RPEC_2015 model, with an ultimate rate of 0.85% for ages 20-85, grading down to an ultimate rate of 0.00% for ages 111-120, and convergence to the ultimate rate in the year 2020.

7. Sample Rates of Mortality for Disabled Annuitant Lives at Selected Ages (number of deaths per 10,000 members)

	(Showing values in 2020)	
Age	Male	Female
25	80	23
30	77	30
35	91	41
40	109	57
45	170	89
50	208	117
55	240	147
60	273	175
65	326	212
70	422	289



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APPENDIX A – PARTICIPANT DATA, ASSUMPTIONS, AND METHODS

Rates are based on 108% and 105% of the RP-2014 Total Dataset Disabled Annuitant Mortality Table, respectively, for males and females, projected from the 2006 base rates using the RPEC_2015 model, with an ultimate rate of 0.85% for ages 20-85, grading down to an ultimate rate of 0.00% for ages 111-120, and convergence to the ultimate rate in the year 2020.

8. Sample Rates of Retirement at Selected Ages (number retiring per 1,000 members)

Regular Plans

Regular Plans		
Age	Tier 1	Tier 2
45	50	50
50	50	50
55	50	50
60	200	50
65	250	200
70	1,000	1,000

In the case of PLD employees, Tier 1 refers to those who were hired prior to July 1, 2014, and Tier 2 refers to those who were hired on or after July 1, 2014.

Special Plans

Service	Special Plans
20	400
21-24	300
25	400
26-29	300
30	400
31-34	300
35+	1,000

Note that all retirement rates are only applied once the member is eligible to retire, so those in 25-year Plans are not assumed to retire at 20 years of service. For Special Plan retirements with less than 20 years of service, we assume 250 retirements per 1,000 members.



APPENDIX A – PARTICIPANT DATA, ASSUMPTIONS, AND METHODS

9. Sample Rates of Disability at Selected Ages (number becoming disabled per 10,000 members)*

	Revised
Age	Assumption
25	1.8
30	2.4
35	3.0
40	4.2
45	9.0
50	19.8
55	36.6
60	65.0

10. Premium Expense Assumption

To reflect administrative expenses associated with the distribution of benefits, the following loads, determined in the 2020 Premium Study, have been added to the liabilities, normal cost, and benefit payments.

PLDs: 9.36%

11. Technical and Miscellaneous Assumptions

Decrement Timing: Middle of the valuation year

Pay Increase Timing: Salary provided is treated as the rate of pay as of the valuation date. Annual increases are applied as of the beginning of each subsequent valuation.

Conversion Charges: Applies to the cost of active group life insurance, not retiree group life insurance.

Form of Benefit Payment: Lump Sum.

Participation Percent for Future Retirees: 100% of those currently enrolled.

Retirement for Participants who are not members of MainePERS: Age 62



APPENDIX A – PARTICIPANT DATA, ASSUMPTIONS, AND METHODS

12. Rationale for Assumptions

The assumptions were adopted by the Board of Trustees at their July 14, 2016 meeting. With the exception of the form of payment and participation assumptions, the demographic assumptions adopted are based on an experience study covering the period from June 30, 2012 through June 30, 2015 and the economic assumptions are based on this experience study along with the advice of the MainePERS investment consultants. The form of payment and participation assumptions are based on the life insurance benefit and contribution structure.

13. Changes since Last Valuation

The beginning of the year GASB rate decreased from 5.13% to 4.98%.

The end of year GASB rate increased from 4.98% to 6.75% to equal the long term investment return assumption.

14. Rationale for Change in Actuarial Assumptions

The blended rate used for the beginning of year discount rate reflected the blending of projections between the long term investment return assumption of 6.75% and the Bond Buyer GO 20-Year Municipal Bond Index: 3.50% as of June 30, 2019.

Due to the contribution rate increases implemented as part of the 2020 premium study, the fiduciary net position is now projected to be available to make all projected future benefit payments for current plan members. As such, the long-term investment return assumption of 6.75% was used as the GASB discount rate as of June 30, 2020.



APPENDIX A – PARTICIPANT DATA, ASSUMPTIONS, AND METHODS

B. Actuarial Methods

1. Funding Method

The individual entry age normal method is used to determine liabilities. Under this funding method, a normal cost rate is calculated for each member. This rate is determined by taking the value, as of age at entry into the Plan, of the member's projected future benefits, and dividing it by the value, also as of the member's entry age of his expected future salary. The normal cost for each member is the product of their annual salary at the valuation date and their normal cost rate. The normal cost amount for the group is then the sum of the normal costs for all members.

The Actuarial Liability is defined as the present value of future benefits, as of the valuation date, for all current members less the present value of future normal costs for all current members. For funding purposes, the Unfunded Actuarial Liability is then equal to the Actuarial Liability, less the actuarial value of the System's assets.

The discount rate used reflects the long-term funding policy to fully fund the benefits on an actuarial basis by FY 2036 for PLDs.

2. Asset Valuation Method

Figures were reported by MainePERS without audit or change.

3. Changes since Last Valuation

None

4. Rationale for Change

N/A



APPENDIX B – SUMMARY OF KEY PLAN PROVISIONS

Membership

Service Retirement: A retiree must have participated in the group life insurance program for

at least ten years and possess coverage just prior to retirement.

Disability Retirement: An employee must have participated in the group life insurance program

immediately prior to disablement.

Basic Insurance

Average final compensation is calculated for retirement purposes.

Amount of Insurance for a Retiree

Service Retirement: The Basic Insurance will be reduced by 15% per year until the amount

equal to the greater of (a) 40% of the initial Basic Insurance, or (b)

\$2,500.

Disability Retirement: The amount of basic life insurance in force prior to retirement will be

continued until normal retirement age. At normal retirement age, the

amount of insurance will be reduced as for service retirement.

Retiree Contribution

PLD Employees: PLD must pay \$0.21 biweekly per \$1,000 of base benefit, based on the

coverage amounts declining from 100% to 40%. Biweekly rates increase to \$0.22 in FYE 2022, \$0.23 in FYE 2024, and \$0.24 in FYE

2026.

Normal Retirement Age

The specified age, the years of service requirement, or any age and years of service combination at which a participant may become eligible for unreduced service retirement benefits.

Discontinued Coverages at Retirement

- Supplemental Life
- Accidental Death and Dismemberment
- Dependent Life

(Discontinued coverage may be ported to another group term product or converted to an individual policy.)



APPENDIX C - GLOSSARY OF TERMS

1. Actuarially Determined Contribution

A target or recommended contribution for the reporting period, determined in conformity with Actuarial Standards of Practice based on the most recent measurement available when the contribution for the reporting period was adopted.

2. Actuarial Valuation Date

The date as of which an actuarial valuation is performed. This date may be up to 24 months prior to the measurement date and up to 30 months prior to the employer's reporting date.

3. Entry Age Actuarial Cost Method

The actuarial cost method is required for GASB 74 and 75 calculations. Under this method, the actuarial present value of the projected benefits of each individual, included in an actuarial valuation, is allocated on a level basis over the earnings of the individual between entry age and assumed exit ages. The portion of this actuarial present value allocated to a valuation year is called the Service Cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future service costs is called the Total OPEB Liability.

4. Measurement Date

The date as of which the Total OPEB Liability and Plan Fiduciary Net Position are measured. The Total OPEB Liability may be projected from the Actuarial Valuation Date to the Measurement Date. The Measurement Date must be the same as the Reporting Date for the plan.

5. Net OPEB Liability

The liability of employers and non-employer contributing entities for employees for benefits provided through a defined benefit OPEB plan. It is calculated as the Total OPEB Liability less the Plan Fiduciary Net Position.

6. Plan Fiduciary Net Position

The fair or market value of assets.

7. Reporting Date

The last day of the Plan or employer's fiscal year.



APPENDIX C – GLOSSARY OF TERMS

8. Service Cost

The portion of the actuarial present value of projected benefit payments that is attributed to the current period of employee service in conformity with the requirements of GASB 74 and 75. The Service Cost is the normal cost calculated under the entry age actuarial cost method.

9. Total OPEB Liability

The portion of the actuarial present value of projected benefit payments that is attributed to past periods of employee service in conformity with the requirements of GASB 74 and 75. The Total OPEB Liability is the actuarial liability calculated under the entry age actuarial cost method.

