1 Q. Precisely what figures, in respect of pension and other post-employment benefits 2 (OPEB) are being used to determine the rate requirements. Please provide detailed 3 instructions as to how to trace these numbers, separately for pension and OPEB, to 4 5 reports and documents dealing specifically with their derivation. 6 The pension expense included in the 2010 Test Year is \$8,196,000. The increase in A. 7 OPEBs expense resulting from the Company's OPEB proposals is \$6,841,000. 8 9 2010 Forecast Pension Expense 10 The 2010 pension expense is shown in Tables 3-4 and 3-13 (1st Revision) of 11 Newfoundland Power's filed evidence. It is also shown on line 6 of Exhibit 7 (1st 12 13 Revision) 2010 Revenue Requirements.

Newfoundland Power maintains both defined benefit and defined contribution pension plans for its employees. Table 1 shows the 2010 forecast pension expense broken out

between the defined benefit pension plans and the defined contribution pension plans.

17 18 19

14 15

16

Table 1 2010 Forecast Pension Expense (\$000s)

| Defined Contribution Plans 1,21 Total 8,19 | |
|---|---|
| | _ |

20 21

22

23

2425

26

Newfoundland Power's defined benefit plans consist of a funded defined benefit plan and an unfunded pension uniformity plan ("PUP"). Both defined benefit plans are closed to new entrants. Pension expense projections for the defined benefit plans are completed by Newfoundland Power's actuaries. The 2010 expense projections for the defined benefit plan and the PUP have been included as Attachments A and B (1st Revision) respectively.

From Table 2.

Includes both individual and group registered retirement savings plans and supplementary employee retirement plan.

2

1

Table 2 shows the breakdown of the 2010 forecast defined benefit pension expense.

Table 2 2010 Defined Benefit Pension Expense (\$000s)

| Defined Benefit Plan | $6,813^3$ |
|-------------------------|-------------------|
| PUP Plan | 213^{4} |
| Pension Plan Recoveries | $\overline{(40)}$ |
| Total | 6 986 |

4 5 6

7 8

9

10

11

2010 Forecast OPEB Expense

The OPEB expense and associated revenue requirement impacts are detailed in the 'Report on Other Post Employment Benefits' filed in Volume 2: Supporting Materials, Tab 4 of Newfoundland Power's filed evidence. The 2010 forecast increase in OPEB expense, resulting from the Company's proposals, are shown in Exhibit 7 (line 7) (1st Revision) of Newfoundland Power's filed evidence.

12 13 14

The OPEBs 2010 forecast expense projections were prepared by the actuary and are provided in Attachment C.

15 16 17

Table 3 shows the calculation of the 2010 forecast increase in OPEB expense of \$6,841,000 based upon the Company's proposal to adopt the accrual method of accounting for OPEB costs.

19 20

18

Table 3 Forecast increase in 2010 OPEB Expense (\$000s)

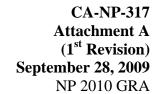
| OPEB Costs – Accrual Method | $8,440^{5}$ |
|--------------------------------------|-------------|
| Less: OPEB Costs – Cash Method | $1,195^{6}$ |
| Subtotal | 7,245 |
| Allocation to Capital and Recoveries | (404) |
| Net Increase in OPEB Expense | 6,841 |

Projected 2010 expense from Attachment A (1st Revision).

Projected 2010 expense from Attachment B (1st Revision).

⁵ See Attachment C (1st Revision) net expense 2010 projection.

Based upon the Company's current method of accounting for OPEB costs.

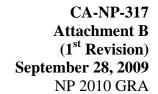


Cost Projections for the Defined Benefit Plan

Newfoundland Power Inc. Retirement Income Plan

Projected Pension Expense Estimates to 2013 -status quo with assumptions as per December 31, 2008 disclosures

| Year | Actual 2005 | Actual 2006 | Actual 2007 | Actual 2008 | Projected 2009 | Projected 2010 | Projected 2011 | Projected 2012 | Projected 2013 |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Change in benefit obligation | 2000 | 2000 | 200. | 2000 | 2000 | 20.0 | 20 | 20.2 | 20.0 |
| Benefit obligation - end of prior period | 182,960,711 | 226,724,493 | 239,175,804 | 235,476,644 | 190,390,811 | 221,115,528 | 226,615,840 | 232,652,295 | 239,266,970 |
| Current service cost (employer) | 2.455.628 | 3,361,972 | 3,781,000 | 3,651,000 | 2.134.000 | 2,983,000 | 3,102,000 | 3,226,000 | 3,355,000 |
| Interest cost | 11,716,952 | 11,769,386 | 12,367,785 | 12,739,985 | 13,923,289 | 14,093,239 | 14,456,382 | 14,854,602 | 15,290,633 |
| Employee contributions | 1,220,672 | 1,216,062 | 1,215,596 | 1,193,121 | 1,298,000 | 1,350,000 | 1,404,000 | 1,460,000 | 1,518,000 |
| Plan amendments | 11,276,828 | 3,076,700 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Benefits paid | -12,217,932 | -12,294,887 | -12,596,098 | -12,925,927 | -12,925,927 | -12,925,927 | -12,925,927 | -12,925,927 | -12,925,927 |
| Net transfer in (out) | -1,139,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special termination benefits | 0 | 349,227 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Actuarial loss (gain) | 30,451,434 | 4,972,851 | -8,467,443 | -49,744,012 | 26,295,355 | 0 | 0 | 0 | 0 |
| Benefit obligation - end | 226,724,493 | 239,175,804 | 235,476,644 | 190,390,811 | 221,115,528 | 226,615,840 | 232,652,295 | 239,266,970 | 246,504,676 |
| Change in plan assets | | | | | | | | | |
| Market value of plan assets - end of prior period | 197,905,972 | 223,369,528 | 250,226,155 | 259,730,475 | 212,599,337 | 230,943,615 | 240,302,549 | 250,515,328 | 261,650,001 |
| Actual return on plan assets | 27,024,287 | 27,024,452 | 9,979,871 | -40,823,332 | 25,106,205 | 15,935,861 | 16,597,706 | 17,319,600 | 18,106,308 |
| Employer contributions | 10,576,329 | 10,911,000 | 10,904,951 | 5,425,000 | 4,866,000 | 4,999,000 | 5,137,000 | 5,281,000 | 5,431,000 |
| Employee contributions | 1,220,672 | 1,216,062 | 1,215,596 | 1,193,121 | 1,298,000 | 1,350,000 | 1,404,000 | 1,460,000 | 1,518,000 |
| Benefits paid | -12,217,932 | -12,294,887 | -12,596,098 | -12,925,927 | -12,925,927 | -12,925,927 | -12,925,927 | -12,925,927 | -12,925,927 |
| Net transfer in (out) | -1,139,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Market value of plan assets - end | 223,369,528 | 250,226,155 | 259,730,475 | 212,599,337 | 230,943,615 | 240,302,549 | 250,515,328 | 261,650,001 | 273,779,382 |
| 5 | | | | | | | | | |
| Reconciliation of funded status | 226 724 402 | 220 475 004 | 225 470 044 | 100 200 011 | 224 445 520 | 220 045 040 | 222 052 205 | 220 200 070 | 046 504 676 |
| Benefit obligation - end Market value of plan assets - end | 226,724,493 223,369,528 | 239,175,804 250,226,155 | 235,476,644 259,730,475 | 190,390,811 212,599,337 | 221,115,528 230,943,615 | 226,615,840 240,302,549 | 232,652,295 250,515,328 | 239,266,970 261,650,001 | 246,504,676 273,779,382 |
| Funded status - surplus (deficit) | -3,354,965 | 11,050,351 | 24,253,831 | 22,208,526 | 9,828,087 | 13,686,709 | 17,863,033 | 22,383,031 | 27,274,706 |
| Employer contributions after measurement date | -3,354,965 | 11,030,331 | 24,255,651 | 22,206,526 | 9,020,067 | 13,666,709 | 0 | 22,363,031 | 27,274,700 |
| Unamortized transitional obligation (asset) | 15.445.073 | 14.157.984 | 12.870.894 | 11.583.805 | 10.296.715 | 9.009.626 | 7.722.537 | 6.435.447 | 5.148.358 |
| Unamortized past service costs | 10,840,395 | 12,560,519 | 11,097,850 | 9,635,181 | 8,254,383 | 6,914,514 | 5,574,645 | 4,234,776 | 2,894,907 |
| Unamortized net actuarial loss (gain) | 62,068,947 | 52,352,814 | 48,431,707 | 56,768,457 | 75,343,517 | 72,298,310 | 66,350,810 | 61,218,430 | 56,228,065 |
| Accrued benefit asset (liability) | 84,999,450 | 90,121,668 | 96,654,282 | 100,195,969 | 103,722,702 | 101,909,158 | 97,511,024 | 94,271,684 | 91,546,036 |
| Unamortized transitional increase (decrease) in | 04,000,400 | 00,121,000 | 00,004,202 | 100,100,000 | 100,722,702 | 101,000,100 | 07,011,024 | 04,271,004 | 01,040,000 |
| valuation allowance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Valuation allowance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accrued benefit asset (liability), net of valuation allowand | 84,999,450 | 90,121,668 | 96,654,282 | 100,195,969 | 103,722,702 | 101,909,158 | 97,511,024 | 94,271,684 | 91,546,036 |
| Components of expense | | | | | | | | | |
| Current service cost (including provision for plan expens | 2,455,628 | 3,361,972 | 3,781,000 | 3,651,000 | 2,134,000 | 2,983,000 | 3,102,000 | 3,226,000 | 3,355,000 |
| Interest cost | 11,716,952 | 11,769,386 | 12,367,785 | 12,739,985 | 13,923,289 | 14,093,239 | 14,456,382 | 14,854,602 | 15,290,633 |
| Expected return on plan assets | -14,159,556 | -15,790,240 | -17,693,936 | -19,168,558 | -17,385,909 | -16,661,801 | -16,198,561 | -17,155,830 | -17,935,518 |
| Amortization of transitional obligation (asset) | 1,287,089 | 1,287,089 | 1,287,089 | 1,287,089 | 1,287,089 | 1,287,089 | 1,287,089 | 1,287,089 | 1,287,089 |
| Amortization of past service costs | 968,562 | 1,356,576 | 1,462,669 | 1,462,669 | 1,380,798 | 1,339,869 | 1,339,869 | 1,339,869 | 1,339,869 |
| Amortization of net actuarial loss (gain) | 2,316,366 | 3,454,771 | 3,167,731 | 1,911,127 | 0 | 3,771,147 | 5,548,355 | 4,968,609 | 4,819,574 |
| Increase (decrease) in valuation allowance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special termination benefits | 0 | 349,227 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Net expense (income) | 4,585,041 | 5,788,781 | 4,372,338 | 1,883,313 | 1,339,267 | 6,812,544 | 9,535,134 | 8,520,340 | 8,156,648 |
| Assumptions | | | | | | | | | |
| At beginning of period | | | | | _ | | | | |
| Discount rate | 6.25% | 5.25% | 5.25% | 5.50% | 7.50% | 6.50% | 6.50% | 6.50% | 6.50% |
| Rate of compensation increase | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% |
| Expected rate of return on plan assets | 7.50% | 7.50% | 7.50% | 7.50% | 7.00% | 7.00% | 7.00% | 7.00% | 7.00% |
| At end of period | | | | | | | | | |
| Discount rate | 5.25% | 5.25% | 5.50% | 7.50% | 6.50% | 6.50% | 6.50% | 6.50% | 6.50% |
| Rate of compensation increase | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% |
| Schedule of Amortization of net actuarial loss/(gain) | | | | | | | | | |
| At end of period | 040.044.405 | 000 007 000 | 050 504 00 : | 054 754 005 | 044 044 405 | 004.000.405 | 040 475 746 | 050 010 115 | 074 000 000 |
| Market Related Value (MRV) of assets | 210,944,466 | 236,087,093 | 258,534,324 | 251,751,098 | 241,314,189 | 234,600,480 | 248,175,743 | 259,210,148 | 271,230,229 |
| Unamortized actuarial loss/(gain) based on MRV | 74,494,009 | 66,491,876 | 49,627,858 | 17,616,696 | 64,972,943 | 78,000,379 | 68,690,395 | 63,658,283 | 58,777,218 |
| For following year | | | | | | | | | |
| 10% Corridor | 22,672,449 | 23,917,580 | 25,853,432 | 25,175,110 | 24,131,419 | 23,460,048 | 24,817,574 | 25,921,015 | 27,123,023 |
| EARSL | 15.0 | 13.4 | 12.4 | 11.4 | 10.8 | 9.8 | 8.8 | 7.8 | 6.8 |
| Amortization | 3,454,771 | 3,167,730 | 1,911,127 | | 3,771,147 | 5,548,355 | 4,968,609 | 4,819,574 | 4,634,582 |



Cost Projections for the PUP Plan

Newfoundland Power Inc. PUP

Projected Pension Expense Estimates to 2013 -status quo with assumptions as per December 31, 2008 disclosures

| Page | Year | Actual 2008 | Projected 2009 | Projected 2010 | Projected 2011 | Projected 2012 | Projected 2013 |
|--|---|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Current service cost (employer) | Change in benefit obligation | | | | | | |
| Interest cost | · · · | | | , , | , , | , , | |
| Employee contributions | (1 ,) | | | | | | - |
| Pina mendments 0 | | • | | , | | - | • |
| Benefits paid | • • | | | | | | |
| Acquisitions (divestitures) 0 0 0 0 0 0 0 0 0 | | | | | | | |
| Increase (decrease) in obligation due to curtailment 0 | | | | | | | |
| Obligation being settled Special termination benefits Special | . , , | | | | | | |
| Special termination benefits -308,893 209,803 0 | | | | | - | - | |
| Actuarial loss (gain) | | | | | | | |
| Change in plan assets - end of prior period 0 | | | | | - | | |
| Market value of plan assets - end of prior period 0 0 0 0 0 0 0 0 0 | | | | 2,246,525 | | | |
| Market value of plan assets - end of prior period 0 0 0 0 0 0 0 0 0 | Change in plan accets | | | | | | |
| Actual return on plan assets | | 0 | 0 | 0 | 0 | 0 | 0 |
| Employee contributions 215,187< | · | | | | | | |
| Benefits paid ut to employer | | 215,187 | 215,187 | 215,187 | 215,187 | 215,187 | 215,187 |
| Surplus paid out to employer 0 0 0 0 0 0 0 0 0 | | | | | | | |
| Settlement payments 0 | | | | · | | | , |
| Net transfer in (our) | | | | | | | |
| Acquisitions (divestitures) | | | | | | | |
| Actual plan expenses 0 | , , | | | | | | |
| Reconciliation of funded status Senefit obligation - end | , , , | | | | | | |
| Benefit obligation - end 2,168,769 2,318,033 2,246,525 2,170,368 2,089,261 2,002,838 2,000,000 2,000 | · | 0 | 0 | 0 | 0 | 0 | |
| Benefit obligation - end 2,168,769 2,318,033 2,246,525 2,170,368 2,089,261 2,002,838 2,000,000 2,000 | Reconciliation of funded status | | | | | | |
| Market value of plan assets - end 0 | | 2,168,769 | 2,318,033 | 2,246,525 | 2,170,368 | 2,089,261 | 2,002,883 |
| Employer contributions after measurement date 0 0 0 0 0 0 0 0 0 | | | | | | | 0 |
| Unamortized transitional obligation (asset) 419,183 372,607 326,031 279,455 232,879 186,303 Unamortized past service costs 1,035 951 867 783 699 615 Unamortized net actuarial loss (gain) 268,977 474,285 451,895 428,778 404,798 379,783 Accrued benefit asset (liability) -1,479,575 -1,470,100 -1,467,731 -1,461,352 -1,450,885 -1,361,822 Unamortized transitional increase (decrease) in valuation 0 < | • • • • | | | | | | |
| Unamortized past service costs 1,035 951 867 783 699 615 Unamortized net cutarial loss (gain) 268,977 474,285 451,985 428,778 404,798 379,783 Accrued benefit asset (liability) 1,479,575 1,470,190 -1,467,731 1,461,352 1,450,885 1,436,182 Unamortized transitional increase (decrease) in valuation 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | |
| Unamortized net actuarial loss (gain) 268,977 474,285 451,895 428,778 404,798 379,783 Accrued benefit asset (liability) -1,479,575 -1,470,190 -1,467,731 -1,461,352 -1,508,855 -1,361,812 Unamortized transitional increase (decrease) in valuation 0 <td></td> <td></td> <td>,</td> <td></td> <td>•</td> <td>,</td> <td></td> | | | , | | • | , | |
| Accrued benefit asset (liability) | | | | | | | |
| Unamortized transitional increase (decrease) in valuation Valuation allowance Valuation | | | | | | | |
| Accrued benefit asset (liability), net of valuation allowance | | | | 0 | 0 | 0 | 0 |
| Components of expense Current service cost (including provision for plan expenses) 0 0 0 0 0 0 0 0 0 | | | | | | | |
| Current service cost (including provision for plan expenses) 0 0 0 0 0 0 0 0 0 | Accrued benefit asset (liability), net of valuation allowance | -1,479,575 | -1,470,190 | -1,467,731 | -1,461,352 | -1,450,885 | -1,436,182 |
| Interest cost | Components of expense | | | | | | |
| Expected return on plan assets 0 0 0 0 0 0 0 0 0 | | | | | | | |
| Amortization of transitional obligation (asset) | | | | , | | | |
| Amortization of past service costs 84 84 84 84 84 84 84 84 84 Amortization of net actuarial loss (gain) 28,152 4,554 22,390 23,117 23,980 25,016 Curtailment loss (gain) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | |
| Amortization of net actuarial loss (gain) Curtailment loss (gain) Settlement loss (gain) O O O O O O O O O O O O O | • , , | • | | · | | | |
| Curtailment loss (gain) | • | | | | | | |
| Amortization of transitional increase (decrease) in VA 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | (0) | | | , | • | | |
| Increase (decrease) in valuation allowance | Settlement loss (gain) | 0 | 0 | 0 | 0 | 0 | 0 |
| Special termination benefits 20 0 0 0 0 0 0 0 0 | , | | | | | | |
| Net expense (income) 209,588 205,802 212,728 208,808 204,720 200,484 Assumptions At beginning of period Discount rate Rate of compensation increase 4.00% 4.00% 4.00% 4.00% 4.00% 4.00% 4.00% 4.00% 0.00% 0.00% 0.00% 0.00% 0.00% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% <p< td=""><td>,</td><td></td><td></td><td></td><td></td><td></td><td></td></p<> | , | | | | | | |
| Assumptions At beginning of period Discount rate Rate of compensation increase Expected rate of return on plan assets At end of period Discount rate 7.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% 6.50% | • | | | | | | |
| At beginning of period Discount rate | Net expense (income) | 203,300 | 200,002 | 212,120 | 200,000 | 204,720 | 200,404 |
| Discount rate 5.50% 7.50% 6.50 | • | | | | | | |
| Rate of compensation increase 4.00% | 5 5 . | E E00/ | 7.500/ | 0.500/ | C F00/ | C =00/ | 0.500/ |
| Expected rate of return on plan assets 0.00% 0.0 | | | | | | | |
| At end of period Discount rate 7.50% 6.50% 6.50% 6.50% 6.50% | · | | | | | | |
| Discount rate 7.50% 6.50% 6.50% 6.50% 6.50% 6.50% | · | 0.0076 | 0.0076 | 0.0076 | 0.0076 | 0.0076 | 0.0070 |
| | • | 7.50% | 6.50% | 6.50% | 6.50% | 6.50% | 6.50% |
| Rate of compensation increase 4.00% 4.00% 4.00% 4.00% 4.00% 4.00% 4.00% | Rate of compensation increase | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% |

OPEBs Cost Projections

Post-Retirement Benefits For Newfoundland Power Inc. (6.50%)

| | Actual | Actual | Projected | Projected | Projected | Projected | Projected |
|---|-----------------|---------------------------|--------------------------|----------------------|----------------------|----------------------|-----------------------|
| Period Year | 1 2007 | 2 2008 | 3 2009 | 4 2010 | 5 2011 | 6 2012 | 7 2013 |
| From | 1/1/2007 | 1/1/2008 | 1/1/2009 | 1/1/2010 | 1/1/2011 | 1/1/2012 | 1/1/2013 |
| То | 12/31/2007 | 12/31/2008 | 12/31/2009 | 12/31/2010 | 12/31/2011 | 12/31/2012 | 12/31/2013 |
| Ohanna in hanafit ablimation | | | | | | | |
| Change in benefit obligation Benefit obligation - end of prior period | 69,804,000 | 70 411 000 | 59,636,000 | 74,621,000 | 79,136,000 | 84,188,000 | 88,811,000 |
| Current service cost (employer) | 1,412,000 | 1,384,000 | 1,030,000 | 1,372,000 | 1,445,000 | 1,506,000 | 1,571,000 |
| Interest cost | 3,698,000 | 3,901,000 | 4,536,000 | 4,883,000 | 5,200,000 | 5,493,000 | 5,783,000 |
| Employee contributions | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plan amendments | 0 | 0 | 671,000 | 0 | 437,000 | 0 | 0 |
| Benefits paid Net transfer in (out) | -1,120,000 0 | -1,175,000 0 | -2,011,000 0 | -1,740,000 0 | -2,030,000 0 | -2,376,000 0 | -2,825,000 0 |
| Acquisitions (divestitures) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Increase (decrease) in obligation due to curtailment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Obligation being settled | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special termination benefits | 0 | 14 005 000 | 10.750.000 | 0 | 0 | 0 | 0 |
| Actuarial loss (gain) Benefit obligation - end | 70,411,000 | -14,885,000 59,636,000 | 10,759,000 74,621,000 | 79,136,000 | 84,188,000 | 88,811,000 | 93,340,000 |
| Benefit obligation and | 70,411,000 | 33,030,000 | 74,021,000 | 73,130,000 | 04,100,000 | 00,011,000 | 33,540,000 |
| Change in plan assets | | | | | | | |
| Market value of plan assets - end of prior period | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Actual return on plan assets Employer contributions | 1,545,000 | 1,175,000 | 2,011,000 | 1,740,000 | 2,030,000 | 2,376,000 | 2,825,000 |
| Employee contributions Employee contributions | 0 | 0 | 2,011,000 | 1,740,000 | 2,030,000 | 2,370,000 | 2,023,000 |
| Benefits paid | -1,545,000 | -1,175,000 | -2,011,000 | -1,740,000 | -2,030,000 | -2,376,000 | -2,825,000 |
| Surplus paid out to employer | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Settlement payments | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Net transfer in (out) Acquisitions (divestitures) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Actual plan expenses | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Market value of plan assets - end | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reconciliation of funded status | | | | | | | |
| Benefit obligation - end | 70,411,000 | 59 636 000 | 74,621,000 | 79,136,000 | 84,188,000 | 88,811,000 | 93,340,000 |
| Market value of plan assets - end | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Funded status - surplus (deficit) | -70,411,000 | -59,636,000 | -74,621,000 | -79,136,000 | -84,188,000 | -88,811,000 | -93,340,000 |
| Employer contributions after measurement date | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unamortized transitional obligation (asset) | 13,713,000 0 | 12,285,000 0 | 10,857,000 595,000 | 9,429,000 519,000 | 8,001,000 830,000 | 6,573,000 704,000 | 5,145,000 |
| Unamortized past service costs Unamortized net actuarial loss (gain) | 22,171,000 | | 16,997,000 | 16,316,000 | 15,719,000 | 15,198,000 | 578,000 14,747,000 |
| Accrued benefit asset (liability) | | | | | | -66,336,000 | -72,870,000 |
| Unamortized transitional increase | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Valuation allowance | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Accrued benefit asset (liability), net of valuation allowan | -34,527,000 | -41,074,000 | -46,172,000 | -52,872,000 | -59,638,000 | -66,336,000 | -72,870,000 |
| Components of expense | | | | | | | |
| Current service cost (including provision for plan expen- | | 1,384,000 | 1,030,000 | 1,372,000 | 1,445,000 | 1,506,000 | 1,571,000 |
| Interest cost | 3,698,000 | 3,901,000 | 4,536,000 | 4,883,000 | 5,200,000 | 5,493,000 | 5,783,000 |
| Expected return on plan assets Amortization of transitional obligation (asset) | 0 1,428,000 | 0 1,428,000 | 0 1,428,000 | 0 1,428,000 | 0 1,428,000 | 0 1,428,000 | 0 1,428,000 |
| Amortization of past service costs | 0 | 0 | 76,000 | 76,000 | 126,000 | 126,000 | 126,000 |
| Amortization of net actuarial loss (gain) | 1,327,000 | 1,009,000 | 39,000 | 681,000 | 597,000 | 521,000 | 451,000 |
| Curtailment loss (gain) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Settlement loss (gain) Amortization of transitional increase (decrease) in VA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Increase (decrease) in valuation allowance | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special termination benefits | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Net expense (income) | 7,865,000 | 7,722,000 | 7,109,000 | 8,440,000 | 8,796,000 | 9,074,000 | 9,359,000 |
| Assumptions | | | | | | | |
| At beginning of period | | | | | | | |
| Discount rate | 5.25% | 5.50% | 7.50% | 6.50% | 6.50% | 6.50% | 6.50% |
| Rate of compensation increase | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% |
| Health care inflation - Select Health care inflation - Ultimate | 6.46% 4.50% | 6.05% 4.50% | 9.33% 4.50% | 9.07% 4.50% | 8.83% 4.50% | 8.53% 4.50% | 8.27% 4.50% |
| Expected rate of return on plan assets | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| At end of period | 2.0070 | 2.00,0 | 2.3070 | 2.0070 | 2.00,0 | 2.00,0 | 2.30,0 |
| Discount rate | 5.50% | 7.50% | 7.50% | 6.50% | 6.50% | 6.50% | 6.50% |
| Rate of compensation increase | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% |
| Health care inflation - Select Health care inflation - Ultimate | 6.05% 4.50% | 9.33% 4.50% | 9.07% 4.50% | 8.83% 4.50% | 8.53% 4.50% | 8.27% 4.50% | 8.02% 4.50% |
| Hoalin oard illiation - Olimate | 7.00 /0 | 7.00/0 | 7.30 /0 | 7.00/0 | 7.00/0 | 7.00 /0 | 7.50/0 |