
NEEDS FOR AND ALTERNATIVES TO (NFAT)

Manitoba Hydro Undertaking #26

Transcript Pages #1575-1576

Manitoba Hydro to indicate what the operating costs are on the 750 megawatt transmission line in the United States, and also indicate what portion is Manitoba Hydro's responsibility and what portion is the responsibility of Minnesota Power.

Manitoba Hydro Undertaking #42

Transcript Page #2289

Manitoba Hydro to provide, with regard to the slide 88 of Hydro Exhibit 99 and the Great Northern Transmission line portion, the derivation of the capital cost estimates in 2014 dollars set out for the second-last column, as well the ongoing O&M calculation set out in 2014 dollars of the last column.

Response:

Summary of Costs to Manitoba Hydro Associated with the Great Northern Transmission Line Project

The following tables provide a breakdown of the investment proportions and the resulting costs flowing to Manitoba Hydro which were assumed in the NFAT economic and financial analyses. These analyses relate only to the US portion of the 750 MW interconnection, known as the Great Northern Transmission Line (GNTL) project being constructed by Minnesota Power (MP). The tables provide a breakdown with and without the Wisconsin Public Service (WPS) investment.

1. **GNTL Investment Table Assumed in NFAT Analyses**

| Row # | GNTL – Investment Distribution | | | | Comments |
|-------|---|------|--|------|-----------------------------|
| | Percent of Investment with WPS Investment | | Percent of Investment without WPS Investment | | |
| Row # | Description | | Description | | Comments |
| 1 | MP: 250MW of 750MW | 33% | MP: 250MW of 750MW | 33% | |
| 2 | MP: 167MW of 750MW | 22% | MP: 167MW of 750MW | 22% | By arrangement funded by MH |
| 3 | WPS: 200MW of 750MW | 27% | WPS: 0MW of 750MW | 0% | By arrangement |
| 4 | MH Capital Investment: 133MW of 750MW | 18% | MH Capital Investment: 333MW of 750MW | 45% | |
| 5 | Total | 100% | | 100% | |

Row #1 represents MP’s investment in transmission associated with the 250 MW PPA with MH.

Row #2 represents the assumed MP investment opportunity in the GNTL.

Row #3 represents the assumed WPS investment in the GNTL.

Row #4 represents the [REDACTED] investment by Manitoba Hydro.

These investment percentages and arrangements were those assumed by MH at the time of the NFAT submission.

With respect to Row #2 and MP’s investment opportunity MH assumed it would fund the associated revenue requirements. As payment of these revenue requirements by MH is not a capital expense to Manitoba Hydro, these costs are included in Manitoba Hydro’s economic analysis as an operating cost which are paid annually after the new interconnection comes into service.

2. MH’s Operating Cost Table for the GNTL Assumed in the NFAT Analysis (2014 Base CDN\$)

| Row # | | With WPS Investment | Without WPS Investment | Comments |
|-------|---|---------------------|------------------------|---|
| 1 | MH’s Direct O&M | ■ | ■ | Associated with Row 4 in the GNTL Investment Table |
| 2 | MP Revenue Requirement | | | |
| 2a | Funding to MP for MP’s O&M and capital costs | ■ | ■ | Associated with Row #2 in the GNTL Investment Table |
| 2b | Funding to MP for MP’s additional costs | ■ | ■ | Associated with Row #2 in the GNTL Investment Table |
| 2c | Total MP Revenue Requirement (Row 2a + Row 2b) | ■ | ■ | |
| 3 | MH’s Total Fixed O&M (Row 1 + Row 2c) | \$499 | \$567 | |

Row #1 in the above table includes MH’s direct operating and maintenance expenses associated with the GNTL. These costs are proportional to Manitoba Hydro’s direct investment in the project.

Row #2c in the above table represents the total cost to MH of funding MP’s 22% investment opportunity.

Total costs shown in Row #3 were assumed to occur over a 40 year period beginning in 2020.

3. Manitoba Hydro's Portion of Combined Capital and O&M Costs for the GNTL (2014 Base CDN \$)

| Row # | Description | With WPS Investment | | Without WPS Investment | |
|-------|--|---------------------|-----|------------------------|-----|
| 1 | MH Capital Investment | \$122* | | \$304** | |
| 2 | MH Direct O&M | █ | | █ | |
| 3 | Funding to MP for MP's O&M and capital costs | █ | | █ | |
| 4 | Row 1 + Row 2+ Row 3 | █ | 40% | █ | 66% |
| 5 | Funding to MP for MP's additional costs | █ | | █ | |
| 6 | MH's Total Fixed O&M = Row 2 + Row 3+ Row 5 | \$499 | | \$567 | |

*** Cost is provided in the table in Section 4, Row 6.**

**** Cost is provided in the table in Section 4, Row 8.**

4. Reconciliation of capital costs associated with the 750 MW interconnection used in the economic evaluations – with and without WPS investment

| Row # | Capital Costs | Reference Dollar Year | (Millions of \$) |
|-------------------|--|-----------------------|-------------------------|
| 1 | Nominal Estimate for US portion of the interconnection (US 2020\$) | 2020 | \$712 USD |
| 2 | Base Estimate for US portion of the interconnection (US 2012\$) | 2012 | \$579 USD |
| 3 | Base estimate from Row 2 with real escalation (US 2012\$) | 2012 | \$633 USD |
| 4 | MH investment (18%) (US 2012\$) | 2012 | \$113 USD |
| 5 | Row 4 converted to CDN \$ (CDN 2012\$) | 2012 | \$117 CDN |
| 6 | Row 5 escalated to 2014\$ (CDN 2014\$) | 2014 | <i>\$122 CDN</i> |
| 7 | WPS investment (27%) (CDN 2014\$) | 2014 | \$182 CDN |
| 8 (Rows 6 + 7) | Assumed MH investment without WPS: 18% + 27% (CDN 2014\$) | 2014 | <i>\$304 CDN</i> |

Row #6 above provides the assumed capital costs to Manitoba Hydro for the GNTL when WPS is assumed to invest in the interconnection. The CDN\$122 million was shown in slide 88 of Manitoba Hydro’s Exhibit #95 and was also shown in the set of tables provided in Section #5 below under the heading of “US Portion of Transmission Line”.

Row #8 above provides the assumed capital costs to Manitoba Hydro for the GNTL assuming there is no investment by WPS. The CDN\$304 million was provided in slide 88 of Manitoba Hydro’s Exhibit #95 and was also shown in the set of tables provided in Section #6 below under the heading of “US Portion of Transmission Line”.

5. Detailed Cash Flows used in NFAT analysis - with WPS Investment

Manitoba Hydro’s response to CAC/MH I-118a provides detailed cash flows for the GNTL based on Appendix 9.3, Table 001 (Preferred Development Plan). The tables provided in the response are duplicated below with total base dollars provided at the bottom. The totals are consistent with values provided in slide 88 of Manitoba Hydro’s Exhibit #95.

K19/C25/750MW (WPS Sale &Inv)
750 MW US Interconnection

Energy Price Reference
Discount Rate Reference
Capital Cost Reference

| Capital & Related Costs (Millions of 2014\$) | | | | | | |
|--|-----------------------|---------------------------------------|---------------------------------|--------------------------|-------------------------------|-------------------------|
| FYB | Transmission | | | Transmission O&M | | |
| | US T/L From Table 001 | Manitoba Portion of Transmission Line | US Portion of Transmission Line | Fixed O&M From Table 001 | Manitoba Portion of Fixed O&M | US Portion of Fixed O&M |
| 2012 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2014 | 3.78 | 2.77 | 1.00 | 0.00 | 0.00 | 0.00 |
| 2015 | 6.75 | 5.55 | 1.21 | 0.00 | 0.00 | 0.00 |
| 2016 | 17.15 | 16.64 | 0.52 | 0.00 | 0.00 | 0.00 |
| 2017 | 24.95 | 24.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2018 | 103.34 | 74.86 | 28.48 | 0.00 | 0.00 | 0.00 |
| 2019 | 85.16 | 74.86 | 10.30 | 0.00 | 0.00 | 0.00 |
| 2020 | 157.85 | 77.63 | 80.22 | 31.64 | 0.06 | 31.57 |
| 2021 | 0.00 | 0.00 | 0.00 | 30.06 | 0.06 | 29.99 |
| 2022 | 0.00 | 0.00 | 0.00 | 28.50 | 0.06 | 28.44 |
| 2023 | 0.00 | 0.00 | 0.00 | 26.83 | 0.06 | 26.76 |
| 2024 | 0.00 | 0.00 | 0.00 | 25.31 | 0.09 | 25.22 |
| 2025 | 0.00 | 0.00 | 0.00 | 23.90 | 0.12 | 23.78 |
| 2026 | 0.00 | 0.00 | 0.00 | 22.57 | 0.15 | 22.42 |
| 2027 | 0.00 | 0.00 | 0.00 | 21.29 | 0.18 | 21.11 |
| 2028 | 0.00 | 0.00 | 0.00 | 20.01 | 0.18 | 19.83 |
| 2029 | 0.00 | 0.00 | 0.00 | 18.78 | 0.18 | 18.60 |
| 2030 | 0.00 | 0.00 | 0.00 | 17.59 | 0.18 | 17.41 |
| 2031 | 0.00 | 0.00 | 0.00 | 16.43 | 0.18 | 16.25 |
| 2032 | 0.00 | 0.00 | 0.00 | 15.31 | 0.18 | 15.14 |
| 2033 | 0.00 | 0.00 | 0.00 | 14.23 | 0.18 | 14.05 |
| 2034 | 0.00 | 0.00 | 0.00 | 13.19 | 0.18 | 13.01 |
| 2035 | 0.00 | 0.00 | 0.00 | 12.39 | 0.18 | 12.22 |
| 2036 | 0.00 | 0.00 | 0.00 | 11.85 | 0.18 | 11.67 |
| 2037 | 0.00 | 0.00 | 0.00 | 11.32 | 0.18 | 11.14 |
| 2038 | 0.00 | 0.00 | 0.00 | 10.81 | 0.18 | 10.63 |
| 2039 | 0.00 | 0.00 | 0.00 | 10.32 | 0.18 | 10.14 |
| 2040 | 0.00 | 0.00 | 0.00 | 9.84 | 0.18 | 9.66 |
| 2041 | 0.00 | 0.00 | 0.00 | 9.38 | 0.18 | 9.20 |
| 2042 | 0.00 | 0.00 | 0.00 | 8.93 | 0.18 | 8.75 |
| 2043 | 0.00 | 0.00 | 0.00 | 8.49 | 0.18 | 8.31 |
| 2044 | 0.00 | 0.00 | 0.00 | 8.07 | 0.18 | 7.89 |
| 2045 | 0.00 | 0.00 | 0.00 | 7.66 | 0.18 | 7.48 |
| 2046 | 0.00 | 0.00 | 0.00 | 7.26 | 0.18 | 7.08 |
| 2047 | 0.00 | 0.00 | 0.00 | 6.88 | 0.18 | 6.70 |
| 2048 | 0.00 | 0.00 | 0.00 | 6.51 | 0.18 | 6.33 |
| 2049 | 0.68 | 0.68 | 0.00 | 6.15 | 0.18 | 5.97 |
| 2050 | 1.37 | 1.37 | 0.00 | 5.80 | 0.18 | 5.62 |
| 2051 | 4.11 | 4.11 | 0.00 | 5.46 | 0.18 | 5.29 |
| 2052 | 6.16 | 6.16 | 0.00 | 5.14 | 0.18 | 4.96 |

(Table continued on next page)

| Capital & Related Costs (Millions of 2014\$) | | | | | | |
|--|-----------------------|---------------------------------------|---------------------------------|--------------------------|-------------------------------|-------------------------|
| FYB | Transmission | | | Transmission O&M | | |
| | US T/L From Table 001 | Manitoba Portion of Transmission Line | US Portion of Transmission Line | Fixed O&M From Table 001 | Manitoba Portion of Fixed O&M | US Portion of Fixed O&M |
| (Table continued from previous page) | | | | | | |
| 2053 | 18.49 | 18.49 | 0.00 | 4.82 | 0.18 | 4.64 |
| 2054 | 18.49 | 18.49 | 0.00 | 4.52 | 0.18 | 4.34 |
| 2055 | 19.18 | 19.18 | 0.00 | 4.22 | 0.18 | 4.05 |
| 2056 | 0.00 | 0.00 | 0.00 | 3.94 | 0.18 | 3.76 |
| 2057 | 0.00 | 0.00 | 0.00 | 3.66 | 0.18 | 3.48 |
| 2058 | 0.00 | 0.00 | 0.00 | 3.40 | 0.18 | 3.22 |
| 2059 | 0.00 | 0.00 | 0.00 | 3.14 | 0.18 | 2.96 |
| 2060 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2061 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2062 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2063 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2064 | 2.09 | 2.09 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2065 | 4.18 | 4.18 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2066 | 12.53 | 12.53 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2067 | 18.79 | 18.79 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2068 | 56.37 | 56.37 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2069 | 56.37 | 56.37 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2070 | 58.46 | 58.46 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2071 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2072 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2073 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2074 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2075 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2076 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2077 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2078 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2079 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2080 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2081 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2082 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2083 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2084 | 0.68 | 0.68 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2085 | 1.37 | 1.37 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2086 | 4.11 | 4.11 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2087 | 6.16 | 6.16 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2088 | 18.49 | 18.49 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2089 | 18.49 | 18.49 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2090 | 19.18 | 19.18 | 0.00 | 0.18 | 0.18 | 0.00 |
| Salvage Value | 4.78 | 4.78 | 0.00 | 0.00 | 0.00 | 0.00 |
| 78 Year Total | \$ 744.74 | \$ 623.02 | \$ 121.73 | \$ 511.12 | \$ 12.04 | \$ 499.08 |

6. Detailed Cash Flows used in NFAT analysis - without WPS Investment

Manitoba Hydro's response to CAC/MH I-118b provides detailed cash flows for the GNTL based on Appendix 9.3, Table 002 (Plan 15). The tables provided in the response are duplicated below with total base dollars provided at the bottom. The totals are consistent with values provided in slide 88 of Manitoba Hydro's Exhibit #95.

**K19/C25/750MW
750 MW US Interconnection**

Energy Price **Reference**
Discount Rate **Reference**
Capital Cost **Reference**

| Capital & Related Costs (Millions of 2014\$) | | | | | | |
|--|-----------------------|---------------------------------------|---------------------------------|--------------------------|-------------------------------|-------------------------|
| FYB | Transmission | | | Transmission O&M | | |
| | US T/L From Table 002 | Manitoba Portion of Transmission Line | US Portion of Transmission Line | Fixed O&M From Table 002 | Manitoba Portion of Fixed O&M | US Portion of Fixed O&M |
| 2012 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2014 | 5.28 | 2.77 | 2.51 | 0.00 | 0.00 | 0.00 |
| 2015 | 8.56 | 5.55 | 3.01 | 0.00 | 0.00 | 0.00 |
| 2016 | 17.93 | 16.64 | 1.30 | 0.00 | 0.00 | 0.00 |
| 2017 | 24.95 | 24.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2018 | 146.07 | 74.86 | 71.21 | 0.00 | 0.00 | 0.00 |
| 2019 | 100.61 | 74.86 | 25.75 | 0.00 | 0.00 | 0.00 |
| 2020 | 278.17 | 77.63 | 200.54 | 34.76 | 0.06 | 34.69 |
| 2021 | 0.00 | 0.00 | 0.00 | 33.28 | 0.06 | 33.22 |
| 2022 | 0.00 | 0.00 | 0.00 | 31.75 | 0.06 | 31.69 |
| 2023 | 0.00 | 0.00 | 0.00 | 29.94 | 0.06 | 29.88 |
| 2024 | 0.00 | 0.00 | 0.00 | 28.29 | 0.09 | 28.20 |
| 2025 | 0.00 | 0.00 | 0.00 | 26.76 | 0.12 | 26.64 |
| 2026 | 0.00 | 0.00 | 0.00 | 25.31 | 0.15 | 25.16 |
| 2027 | 0.00 | 0.00 | 0.00 | 23.91 | 0.18 | 23.73 |
| 2028 | 0.00 | 0.00 | 0.00 | 22.53 | 0.18 | 22.35 |
| 2029 | 0.00 | 0.00 | 0.00 | 21.19 | 0.18 | 21.01 |
| 2030 | 0.00 | 0.00 | 0.00 | 19.89 | 0.18 | 19.71 |
| 2031 | 0.00 | 0.00 | 0.00 | 18.63 | 0.18 | 18.46 |
| 2032 | 0.00 | 0.00 | 0.00 | 17.42 | 0.18 | 17.24 |
| 2033 | 0.00 | 0.00 | 0.00 | 16.24 | 0.18 | 16.06 |
| 2034 | 0.00 | 0.00 | 0.00 | 15.10 | 0.18 | 14.92 |
| 2035 | 0.00 | 0.00 | 0.00 | 14.22 | 0.18 | 14.05 |
| 2036 | 0.00 | 0.00 | 0.00 | 13.60 | 0.18 | 13.42 |
| 2037 | 0.00 | 0.00 | 0.00 | 13.00 | 0.18 | 12.82 |
| 2038 | 0.00 | 0.00 | 0.00 | 12.42 | 0.18 | 12.24 |
| 2039 | 0.00 | 0.00 | 0.00 | 11.86 | 0.18 | 11.68 |
| 2040 | 0.00 | 0.00 | 0.00 | 11.32 | 0.18 | 11.14 |
| 2041 | 0.00 | 0.00 | 0.00 | 10.79 | 0.18 | 10.61 |
| 2042 | 0.00 | 0.00 | 0.00 | 10.28 | 0.18 | 10.10 |
| 2043 | 0.00 | 0.00 | 0.00 | 9.79 | 0.18 | 9.61 |
| 2044 | 0.00 | 0.00 | 0.00 | 9.31 | 0.18 | 9.13 |
| 2045 | 0.00 | 0.00 | 0.00 | 8.84 | 0.18 | 8.66 |
| 2046 | 0.00 | 0.00 | 0.00 | 8.39 | 0.18 | 8.22 |
| 2047 | 0.00 | 0.00 | 0.00 | 7.96 | 0.18 | 7.78 |
| 2048 | 0.00 | 0.00 | 0.00 | 7.54 | 0.18 | 7.36 |
| 2049 | 0.68 | 0.68 | 0.00 | 7.13 | 0.18 | 6.95 |
| 2050 | 1.37 | 1.37 | 0.00 | 6.74 | 0.18 | 6.56 |
| 2051 | 4.11 | 4.11 | 0.00 | 6.36 | 0.18 | 6.18 |
| 2052 | 6.16 | 6.16 | 0.00 | 5.99 | 0.18 | 5.81 |

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| Capital & Related Costs (Millions of 2014\$) | | | | | | |
|--|-----------------------|---------------------------------------|---------------------------------|--------------------------|-------------------------------|-------------------------|
| FYB | Transmission | | | Transmission O&M | | |
| | US T/L From Table 002 | Manitoba Portion of Transmission Line | US Portion of Transmission Line | Fixed O&M From Table 002 | Manitoba Portion of Fixed O&M | US Portion of Fixed O&M |
| (Table continued from previous page) | | | | | | |
| 2053 | 18.49 | 18.49 | 0.00 | 5.63 | 0.18 | 5.45 |
| 2054 | 18.49 | 18.49 | 0.00 | 5.29 | 0.18 | 5.11 |
| 2055 | 19.18 | 19.18 | 0.00 | 4.95 | 0.18 | 4.77 |
| 2056 | 0.00 | 0.00 | 0.00 | 4.63 | 0.18 | 4.45 |
| 2057 | 0.00 | 0.00 | 0.00 | 4.32 | 0.18 | 4.14 |
| 2058 | 0.00 | 0.00 | 0.00 | 4.02 | 0.18 | 3.84 |
| 2059 | 0.00 | 0.00 | 0.00 | 3.73 | 0.18 | 3.55 |
| 2060 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2061 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2062 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2063 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2064 | 2.09 | 2.09 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2065 | 4.18 | 4.18 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2066 | 12.53 | 12.53 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2067 | 18.79 | 18.79 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2068 | 56.37 | 56.37 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2069 | 56.37 | 56.37 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2070 | 58.46 | 58.46 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2071 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2072 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2073 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2074 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2075 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2076 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2077 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2078 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2079 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2080 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2081 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2082 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2083 | 0.00 | 0.00 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2084 | 0.68 | 0.68 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2085 | 1.37 | 1.37 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2086 | 4.11 | 4.11 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2087 | 6.16 | 6.16 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2088 | 18.49 | 18.49 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2089 | 18.49 | 18.49 | 0.00 | 0.18 | 0.18 | 0.00 |
| 2090 | 19.18 | 19.18 | 0.00 | 0.18 | 0.18 | 0.00 |

| | | | | | | |
|---------------|-----------|-----------|-----------|-----------|----------|-----------|
| 78 Year Total | \$ 927.33 | \$ 623.02 | \$ 304.31 | \$ 578.63 | \$ 12.04 | \$ 566.59 |
|---------------|-----------|-----------|-----------|-----------|----------|-----------|