# Ameren Nuclear Decommissioning Trust 

Results of Asset/Liability Study and Funding Adequacy Analysis

Willis Towers Watson
Fall 2023 Amended


## Modeling Assumptions - Cost Projections

Costs in 2023 dollars (000s)

- Projection of decommissioning costs in 2023 dollars provided by TLG increased to $\$ 1,098$ million (2020 cost was $\$ 1,047$ )

| Year | Plant | IFSI | Total |
| :---: | :---: | :---: | :---: |
| 2023 | 0 | 0 | 0 |
| 2024 | 0 | 0 | 0 |
| 2025 | 0 | 0 | 0 |
| 2026 | 0 | 0 | 0 |
| 2027 | 0 | 0 | 0 |
| 2028 | 0 | 0 | 0 |
| 2029 | 0 | 0 | 0 |
| 2030 | 0 | 0 | 0 |
| 2031 | 0 | 0 | 0 |
| 2032 | 0 | 0 | 0 |
| 2033 | 0 | 0 | 0 |
| 2034 | 0 | 0 | 0 |
| 2035 | 0 | 0 | 0 |
| 2036 | 0 | 0 | 0 |
| 2037 | 0 | 0 | 0 |
| 2038 | 0 | 0 | 0 |
| 2039 | 0 | 0 | 0 |
| 2040 | 0 | 0 | 0 |
| 2041 | 0 | 0 | 0 |
| 2042 | 0 | 0 | 0 |
| 2043 | 0 | 0 | 0 |
| 2044 | 22,579 | 0 | 22,579 |
| 2045 | 125,110 | 0 | 125,110 |
| 2046 | 210,225 | 0 | 210,225 |
| 2047 | 221,397 | 0 | 221,397 |
| 2048 | 141,758 | 0 | 141,758 |
| 2049 | 139,353 | 0 | 139,353 |
| 2050 | 97,305 | 10,556 | 107,861 |
| 2051 | 53,107 | 330 | 53,437 |
| 2052 | 61,535 | 1,160 | 62,695 |
| 2053 | 13,282 | 250 | 13,532 |

Break Even Case


## Modeling Assumptions - Asset Projections

- Projection of decommissioning costs in 2023 dollars provided by TLG increased to $\$ 1,098$ million (2020 cost was $\$ 1,047$ )

| Year | Break Even Case |  |
| :---: | :---: | :---: |
|  | Total Escalated Cost (\$000) | Market Value (\$000) |
| 2023 | 0 | 1,075,240 |
| 2024 | 0 | 1,117,974 |
| 2025 | 0 | 1,174,500 |
| 2026 | 0 | 1,234,702 |
| 2027 | 0 | 1,282,264 |
| 2028 | 0 | 1,341,291 |
| 2029 | 0 | 1,390,333 |
| 2030 | 0 | 1,455,507 |
| 2031 | 0 | 1,522,215 |
| 2032 | 0 | 1,596,195 |
| 2033 | 0 | 1,669,821 |
| 2034 | 0 | 1,746,076 |
| 2035 | 0 | 1,828,177 |
| 2036 | 0 | 1,920,179 |
| 2037 | 0 | 2,017,363 |
| 2038 | 0 | 2,129,106 |
| 2039 | 0 | 2,240,870 |
| 2040 | 0 | 2,351,915 |
| 2041 | 0 | 2,488,477 |
| 2042 | 0 | 2,616,334 |
| 2043 | 0 | 2,745,530 |
| 2044 | 63,054 | 2,843,291 |
| 2045 | 365,434 | 2,903,954 |
| 2046 | 641,270 | 2,662,940 |
| 2047 | 703,378 | 2,149,667 |
| 2048 | 470,183 | 1,568,726 |
| 2049 | 483,625 | 1,180,953 |
| 2050 | 391,827 | 766,752 |
| 2051 | 202,788 | 450,749 |
| 2052 | 248,699 | 281,508 |
| 2053 | 56,171 | 77,211 |

## Capital Market Assumptions

| Summary assumptions for July 1, 2023 Towers Watson Investment Services |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1st Year <br> Returns | 10th Year <br> Returns | 10 Year <br> Returns | 31st Year <br> Returns | 31 Year <br> Returns | Annual Risk |  |
|  | Arithmetic | Arithmetic | Geometric | Arithmetic | Geometric | Standard |  |
|  | Mean | Mean | Mean | Mean | Mean | Deviation |  |
| US Large Cap Equity | $9.6 \%$ | $8.8 \%$ | $7.2 \%$ | $8.8 \%$ | $7.0 \%$ | $17.9 \%$ |  |
| Government/Credit | $5.5 \%$ | $3.5 \%$ | $3.8 \%$ | $4.9 \%$ | $4.3 \%$ | $4.0 \%$ |  |
| Cash | $4.6 \%$ | $3.8 \%$ | $3.8 \%$ | $4.2 \%$ | $3.9 \%$ | $3.1 \%$ |  |
| Inflation | $3.0 \%$ | $2.5 \%$ | $2.5 \%$ | $2.5 \%$ | $2.5 \%$ | $2.4 \%$ |  |

- Asset classes are described by their returns, volatility, and correlation with other asset classes
- Expectations for individual asset classes were developed by the WTW Investment Model as of July 2023
- Return assumptions are net of 15 bps of management fees
- Return distributions incorporate fat tails
- Our asset model switches among different states of normal and stressed market conditions
- "Regime switching" creates more frequent and severe downside events ("fat tails") than would have occurred under a normal (or lognormal) distribution and allows for converging correlations
- Simulated government yield curves and simulated corporate spreads are used in developing liability discount rates and returns on fixed income
- For additional background on WTW's views and assumptions, please consult the most recent Asset Return Assumptions paper


## Asset Projections - Assumptions

| - Starting assets at 6/30/2023 are $\$ 1,075 \mathrm{M}$ |  |  |  |
| :--- | ---: | ---: | :---: |
|  | Market | Book | Target |
|  | Value (\$M) | Value (\$M) | Allocation |
|  | 346 | 385 | $35 \%$ |
| US Government/Credit Bonds | 729 | 185 | $65 \%$ |
| Large Cap US Equity | 1,075 | 570 | $100 \%$ |
| Total |  |  |  |

- Assets are projected in each year and vary with:
- Simulated asset returns
- Simulated costs
- The asset allocation is rebalanced on an annual basis with a $5 \%$ reallocation band
- Contributions of $\$ 6.8 \mathrm{M}$ per year until decommissioning begins
- As decommissioning approaches, the asset allocation de-risks
- 5 years of future cumulative decommissioning costs as a \% of assets, at that time, are invested in 50\% fixed income and 50\% cash
- Tax Assumptions
- Assumed Tax Rate: 20\%
- Pay out of capital gains taxes annually (calculated using simulated market value in excess of simulated book)
- Assets sold as a result of routine annual turnover
- Assets are assumed to rebalance back to the target allocation annually
- Assets sold in order to pay decommissioning costs
- Costs paid by asset class in proportion to the amount in excess of target allocation prior to annual rebalance in the interest of minimizing taxes paid
- Pay out income taxes annually
- Income assumed: ~2\% dividend for equity; simulated yield for fixed income


## NDT Funding Analysis - Summary

Compared to 31 Nuclear Power units


- Ameren's probability of success to having enough money to fund the decommissioning of Callaway in 2044 using the DECON method is $67 \%$.
- This compares favorably with peer universe of nuclear reactors studied by Willis Towers Watson whose median probability of success is $73 \%$.
- CONCLUSION: The current funding level of $\$ 6.8$ million is sufficient to provide reasonable assurance under most economic scenarios that there will be adequate funds available to decommission Callaway.


## How Does Willis Towers Watson Model Work?


2. Project Costs at Each Future Year

4. Rank Results


## Annualized Total Trust Compound Return



| -5th-25th percentile |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Percentile | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 |
| 5th | -11.0\% | -9.4\% | -6.3\% | -4.7\% | -3.2\% | -2.6\% | -1.8\% | -1.3\% | -0.7\% | -0.5\% | -0.2\% | 0.1\% | 0.4\% | 0.6\% | 0.7\% | 0.9\% | 1.1\% | 1.1\% | 1.2\% | 1.4\% | 1.5\% | 1.6\% | 1.7\% | 1.7\% | 1.8\% | 1.9\% | 1.9\% | 2.0\% | 2.1\% | 2.1\% |
| 25th | 2.4\% | 3.5\% | 3.7\% | 3.6\% | 3.6\% | 3.6\% | 3.8\% | 3.9\% | 3.9\% | 4.0\% | 4.1\% | 4.2\% | 4.3\% | 4.4\% | 4.5\% | 4.6\% | 4.6\% | 4.6\% | 4.7\% | 4.7\% | 4.7\% | 4.7\% | 4.7\% | 4.7\% | 4.7\% | 4.7\% | 4.7\% | 4.7\% | 4.6\% | 4.6\% |
| 50th | 8.8\% | 8.2\% | 7.8\% | 7.5\% | 7.3\% | 7.2\% | 7.0\% | 6.9\% | 6.9\% | 6.8\% | 6.8\% | 6.7\% | 6.7\% | 6.6\% | 6.6\% | 6.6\% | 6.6\% | 6.6\% | 6.6\% | 6.6\% | 6.6\% | 6.5\% | 6.5\% | 6.4\% | 6.4\% | 6.3\% | 6.3\% | 6.3\% | 6.2\% | 6.2\% |
| 75th | 15.2\% | 12.8\% | 11.6\% | 10.9\% | 10.5\% | 10.2\% | 9.9\% | 9.6\% | 9.4\% | 9.2\% | 9.1\% | 9.0\% | 8.9\% | 8.8\% | 8.7\% | 8.7\% | 8.6\% | 8.6\% | 8.5\% | 8.5\% | 8.4\% | 8.3\% | 8.2\% | 8.1\% | 8.0\% | 7.9\% | 7.9\% | 7.8\% | 7.8\% | 7.8\% |
| 95th | 24.9\% | 19.8\% | 17.3\% | 15.9\% | 14.9\% | 14.2\% | 13.5\% | 13.1\% | 12.6\% | 12.5\% | 12.2\% | 12.0\% | 11.9\% | 11.7\% | 11.6\% | 11.4\% | 11.3\% | 11.2\% | 11.1\% | 11.0\% | 10.8\% | 10.7\% | 10.5\% | 10.4\% | 10.3\% | 10.2\% | 10.1\% | 10.0\% | 9.9\% | 9.9\% |

## Probability of Success - Asset Allocation



## Annualized Inflation



| Percentile | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5th | 0.3\% | 0.0\% | -0.1\% | -0.2\% | -0.2\% | -0.3\% | -0.3\% | -0.2\% | -0.2\% | -0.2\% | -0.2\% | -0.1\% | 0.0\% | 0.0\% | 0.0\% | 0.1\% | 0.1\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% | 0.3\% | 0.3\% | 0.3\% | 0.3\% | 0.4\% | 0.4\% | 0.4\% | 0.4\% | 0.5\% |
| 25th | 1.9\% | 1.7\% | 1.6\% | 1.5\% | 1.5\% | 1.5\% | 1.4\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.5\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% |
| 50th | 3.0\% | 2.8\% | 2.7\% | 2.6\% | 2.6\% | 2.6\% | 2.6\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% |
| 75th | 4.1\% | 3.8\% | 3.8\% | 3.7\% | 3.7\% | 3.7\% | 3.7\% | 3.7\% | 3.6\% | 3.6\% | 3.6\% | 3.6\% | 3.6\% | 3.6\% | 3.5\% | 3.5\% | 3.5\% | 3.5\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.3\% | 3.3\% |
| 95th | 5.7\% | 5.4\% | 5.4\% | 5.4\% | 5.4\% | 5.4\% | 5.3\% | 5.3\% | 5.3\% | 5.3\% | 5.2\% | 5.1\% | 5.1\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 4.9\% | 4.9\% | 4.9\% | 4.8\% | 4.8\% | 4.7\% | 4.7\% | 4.7\% | 4.7\% | 4.6\% | 4.6\% | 4.5\% | 4.5\% |

## Annualized Bond Compound Return



| 5th-25th percentile |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Percentile | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 205 |
| 5th | 0.3\% | 1.7\% | 2.2\% | 2.3\% | 2.6\% | 2.7\% | 2.8\% | 2.8\% | 2.8\% | 2.8\% | 2.8\% | 2.8\% | 2.8\% | 2.8\% | 2.8\% | 2.8\% | 2.7\% | 2.8\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% | 2.7\% |
| 25th | 3.2\% | 3.7\% | 3.7\% | 3.5\% | 3.5\% | 3.5\% | 3.5\% | 3.5\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.4\% | 3.5\% | 3.5\% | 3.5\% | 3.5\% | 3.5\% | 3.6\% | 3.6\% | 3.6\% | 3.6\% | 3.6\% | 3.6\% | 3.6\% | 3.7\% | 3.7 |
| 50th | 5.4\% | 5.2\% | 4.8\% | 4.4\% | 4.2\% | 4.1\% | 4.0\% | 3.9\% | 3.9\% | 3.8\% | 3.8\% | 3.8\% | 3.9\% | 3.9\% | 3.9\% | 3.9\% | 4.0\% | 4.0\% | 4.0\% | 4.1\% | 4.1\% | 4.1\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.3\% | 4.3\% | 4.3 |
| 75th | 7.7\% | 6.8\% | 6.1\% | 5.3\% | 5.0\% | 4.7\% | 4.5\% | 4.4\% | 4.3\% | 4.2\% | 4.2\% | 4.3\% | 4.3\% | 4.3\% | 4.4\% | 4.4\% | 4.5\% | 4.5\% | 4.6\% | 4.6\% | 4.6\% | 4.7\% | 4.7\% | 4.8\% | 4.8\% | 4.9\% | 4.9\% | 4.9\% | 4.9\% | 4.9 |
| 95th | 11.1\% | 9.1\% | 7.8\% | 6.7\% | 6.1\% | 5.7\% | 5.4\% | 5.1\% | 4.9\% | 4.8\% | 4.9\% | 4.9\% | 4.9\% | 5.0\% | 5.1\% | 5.2\% | 5.2\% | 5.3\% | 5.4\% | 5.4\% | 5.5\% | 5.5\% | 5.6\% | 5.7\% | 5.7\% | 5.8\% | 5.8\% | 5.8\% | 5.9\% | 5.9\% |

## Annualized Equity Compound Return



| -5th-25th percentile |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Percentile | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 |
| 5th | -19.5\% | -20.5\% | -15.2\% | -12.1\% | -9.8\% | -8.3\% | -7.1\% | -6.0\% | -5.4\% | -4.7\% | -4.2\% | -3.6\% | -3.1\% | -2.6\% | -2.4\% | -2.2\% | -1.8\% | -1.9\% | -1.7\% | -1.3\% | -1.0\% | -0.8\% | -0.4\% | -0.4\% | -0.3\% | -0.1\% | 0.1\% | 0.2\% | 0.3\% | 0.4\% |
| 25th | 1.0\% | 2.4\% | 2.8\% | 2.8\% | 2.6\% | 2.7\% | 2.8\% | 3.1\% | 3.0\% | 3.2\% | 3.3\% | 3.4\% | 3.6\% | 3.8\% | 3.8\% | 3.9\% | 4.0\% | 4.1\% | 4.1\% | 4.2\% | 4.2\% | 4.3\% | 4.3\% | 4.4\% | 4.4\% | 4.4\% | 4.4\% | 4.5\% | 4.5\% | 4.6\% |
| 50th | 10.6\% | 9.7\% | 9.3\% | 8.9\% | 8.7\% | 8.6\% | 8.3\% | 8.2\% | 8.0\% | 7.9\% | 7.9\% | 7.8\% | 7.6\% | 7.5\% | 7.5\% | 7.5\% | 7.4\% | 7.4\% | 7.4\% | 7.4\% | 7.4\% | 7.3\% | 7.3\% | 7.3\% | 7.3\% | 7.3\% | 7.3\% | 7.2\% | 7.3\% | 7.2\% |
| 75th | 20.3\% | 16.9\% | 15.2\% | 14.2\% | 13.6\% | 13.2\% | 12.8\% | 12.4\% | 12.2\% | 11.9\% | 11.6\% | 11.3\% | 11.2\% | 11.1\% | 10.8\% | 10.8\% | 10.6\% | 10.5\% | 10.4\% | 10.3\% | 10.3\% | 10.2\% | 10.1\% | 10.1\% | 10.0\% | 10.0\% | 9.9\% | 9.8\% | 9.8\% | 9.7\% |
| 95th | 35.3\% | 27.3\% | 24.0\% | 21.9\% | 20.4\% | 19.2\% | 18.4\% | 17.6\% | 16.9\% | 16.7\% | 16.4\% | 16.0\% | 15.8\% | 15.5\% | 15.3\% | 15.1\% | 14.8\% | 14.6\% | 14.5\% | 14.3\% | 14.0\% | 13.9\% | 13.7\% | 13.6\% | 13.4\% | 13.3\% | 13.1\% | 13.0\% | 12.9\% | 12.9\% |

## Annualized Cost Escalation



| $\square 5$ th-25th percentile |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Percentile | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 |
| 5th | 2.8\% | 2.2\% | 1.9\% | 1.7\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.6\% | 1.7\% | 1.7\% | 1.7\% | 1.8\% | 1.8\% | 1.8\% | 1.9\% | 1.9\% | 1.9\% | 2.0\% | 2.0\% | 2.0\% | 2.0\% | 2.0\% | 2.1\% | 2.1\% | 2.1\% | 2.2\% | 2.2\% |
| 25th | 3.7\% | 3.4\% | 3.3\% | 3.2\% | 3.2\% | 3.2\% | 3.1\% | 3.1\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.2\% | 3.3\% | 3.3\% | 3.3\% | 3.3\% | 3.3\% | 3.3\% | 3.3\% | 3.3\% | 3.3\% |
| 50th | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.1\% | 4.2\% | 4.2\% | 4.1\% | 4.1\% | 4.1\% | 4.1\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% | 4.2\% |
| 75th | 4.7\% | 5.0\% | 5.1\% | 5.1\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.2\% | 5.1\% | 5.1\% | 5.1\% | 5.1\% | 5.1\% | 5.1\% | 5.1\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% | 5.0\% |
| 95th | 5.5\% | 6.2\% | 6.4\% | 6.6\% | 6.6\% | 6.7\% | 6.8\% | 6.8\% | 6.8\% | 6.8\% | 6.7\% | 6.7\% | 6.7\% | 6.6\% | 6.6\% | 6.6\% | 6.6\% | 6.5\% | 6.5\% | 6.5\% | 6.5\% | 6.4\% | 6.4\% | 6.4\% | 6.3\% | 6.3\% | 6.3\% | 6.2\% | 6.2\% | 6.2\% |

## Contribution Justification - 20 CSR 4240.20.070



WTW does not believe the trust is over funded since the asset surplus level of the first third of successful simulations is a similar level as the remaining costs in the scenarios where there were not sufficient assets

