

P.S.C.U. Docket No. 19-057-03  
DPU Data Request No. 4.03  
Requested by Division of Public Utilities  
Date of DEU Response April 24, 2019

- DPU 4.03: Regarding page VII-5 of Exhibit 1.2 which shows the Original Life Table for Account 376, Mains.
- a) Does this Original Life Table for Account 376, Mains use the data provided in response to DPU 1.02 Attachment 6? If not, what data provided in response to discovery is the source for this table?
  - b) The VII-5 of Exhibit 1.2 states that the Original Life Table uses placement band 1929-2017 and experience band 1961-2017, are those bands used for both the “Exposures at Beginning of Age Interval” and the “Retirement During Age Interval”?
  - c) Does the calculation of the amounts shown in the “Exposures at Beginning of Age Interval” column on page VII-5 include the experience years 1961-1988? For example, does the exposures at age 58.5 includes the 1929 placement year amount of \$55,804 that was still in service in experience year 1988 based on the data provided in DPU 1.02 Attachment 6? If not, please explain why not.

Answer: The original life table for Account 376 Mains shown in the Depreciation Study Report (Exhibit 1.2) inadvertently included an error in the displayed data. Please see DPU Data Request No. 4.03 Attachment 1 for the revised Part VII of the report, which includes the corrected original life tables and should replace the previously provided file DPU Data Request No. 1.02 Attachment 9. The corrected original life tables with curve fitting results are provided in DPU Data Request no. 4.03 Attachment 2, which should replace the previous file DPU Data Request No. 1.02 Attachment 7. The proposed survivor curve estimates are not affected by this correction.

The corrected life table for Account 376 Mains in DPU Data Request No. 4.03 Attachment 1 uses the simulated aged data provided in DPU Data Request No. 1.02 Attachment 6. All columns in this original life table use the full 1929-2017 placement band and 1961-2017 experience band.

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QUESTAR GAS COMPANY dba DOMINION ENERGY UTAH

ACCOUNT 376 MAINS

SUMMARY OF CURVE FITTING RESULTS - PCT SURV BALANCED AREAS

PLACEMENT BAND 1929-2017			001	EXPERIENCE BAND 1961-2017		
SURVIVOR CURVE	RESID MEAS	RANGE OF FIT		SURVIVOR CURVE	RESID MEAS	RANGE OF FIT*
94.0-S0	1.24	0 - 60				NOT FITTED
83.2-S0.5	0.47	0 - 60				NOT FITTED
75.0-S1	1.21	0 - 60				NOT FITTED
69.6-S1.5	2.17	0 - 60				NOT FITTED
124.4-R0.5	3.25	0 - 60				NOT FITTED
100.4-R1	2.70	0 - 60				NOT FITTED
85.1-R1.5	1.87	0 - 60				NOT FITTED
73.9-R2	0.45	0 - 60				NOT FITTED
67.2-R2.5	0.95	0 - 60				NOT FITTED
62.3-R3	2.86	0 - 60				NOT FITTED
130.5-L0	2.25	0 - 60				NOT FITTED
109.8-L0.5	1.51	0 - 60				NOT FITTED
94.4-L1	0.45	0 - 60				NOT FITTED
83.6-L1.5	0.79	0 - 60				NOT FITTED
75.3-L2	2.41	0 - 60				NOT FITTED
152.8-O1	3.50	0 - 60				NOT FITTED
171.8-O2	3.50	0 - 60				NOT FITTED
200.2-O3	3.64	0 - 60				NOT FITTED
200.2-O4	6.93	0 - 60				NOT FITTED

\* SEGMENT BETWEEN 85.0 AND 15.0 PERCENT SURVIVING