

Company: San Diego Gas & Electric Company (U 902 M)
Proceeding: 2024 General Rate Case
Application: A.22-05-____
Exhibit No: (SDGE-36-WP)

WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF DANE A. WATSON
ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY
VOLUME 11 of 12
BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA
MAY 2022



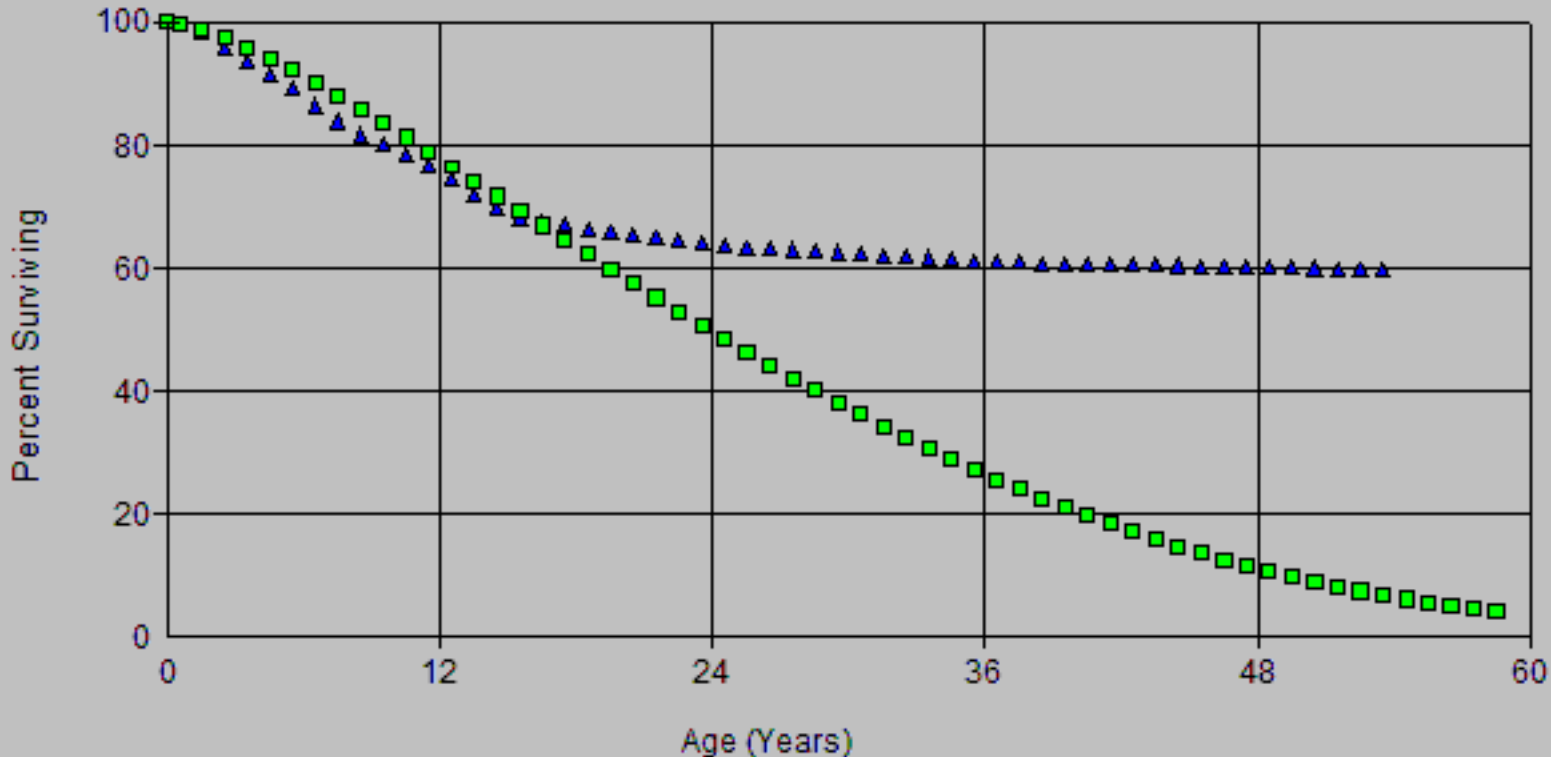
Actuarial Analysis (continued)

Account: E371.00-Installns -Cust Prem
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - RPP
Depreciation

▲ Actual Data

■ L0 26.00

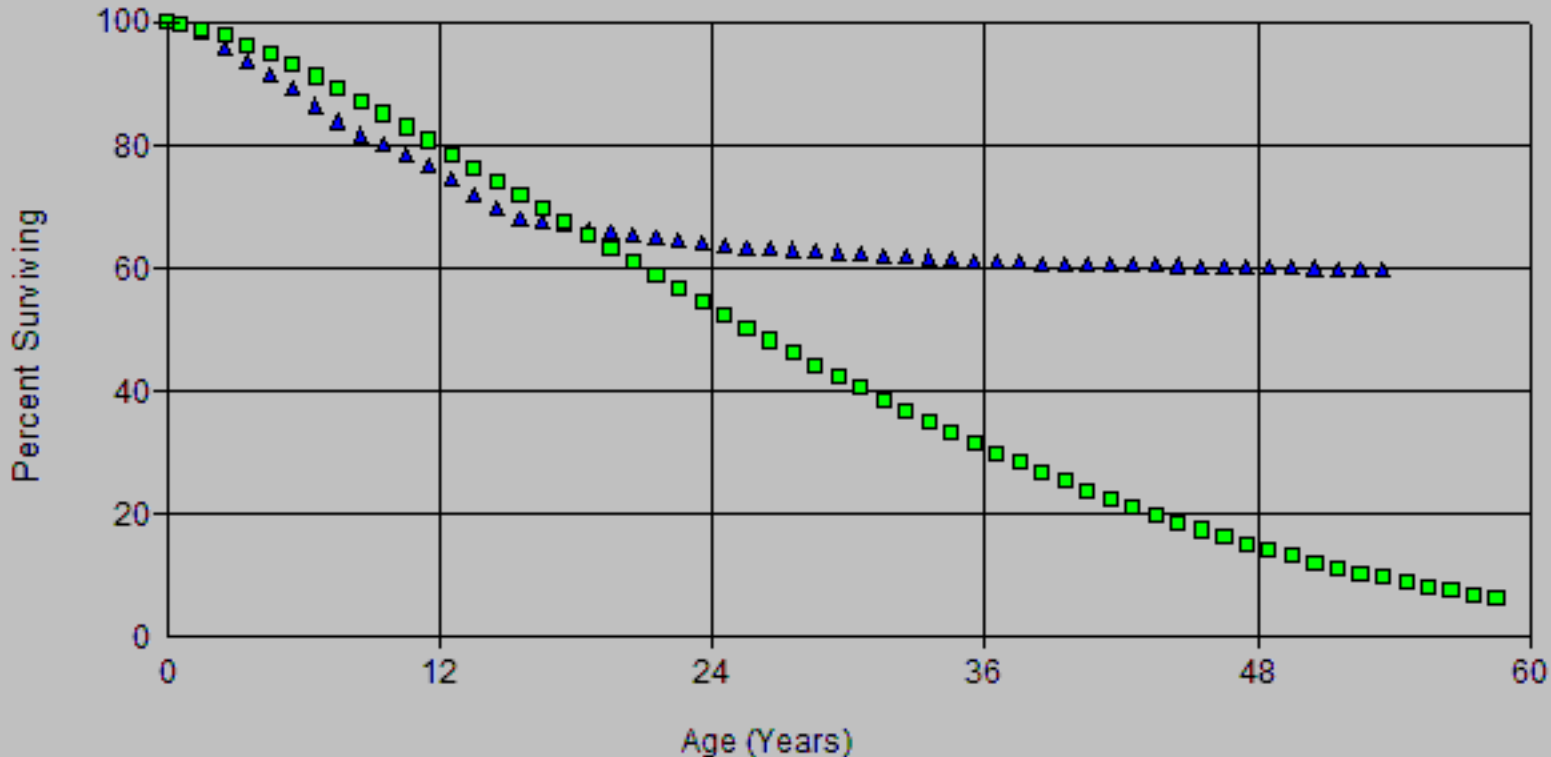


Account: E371.00-Installs -Cust Prem
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - RPP
Depreciation

▲ Actual Data

■ L0 28.00

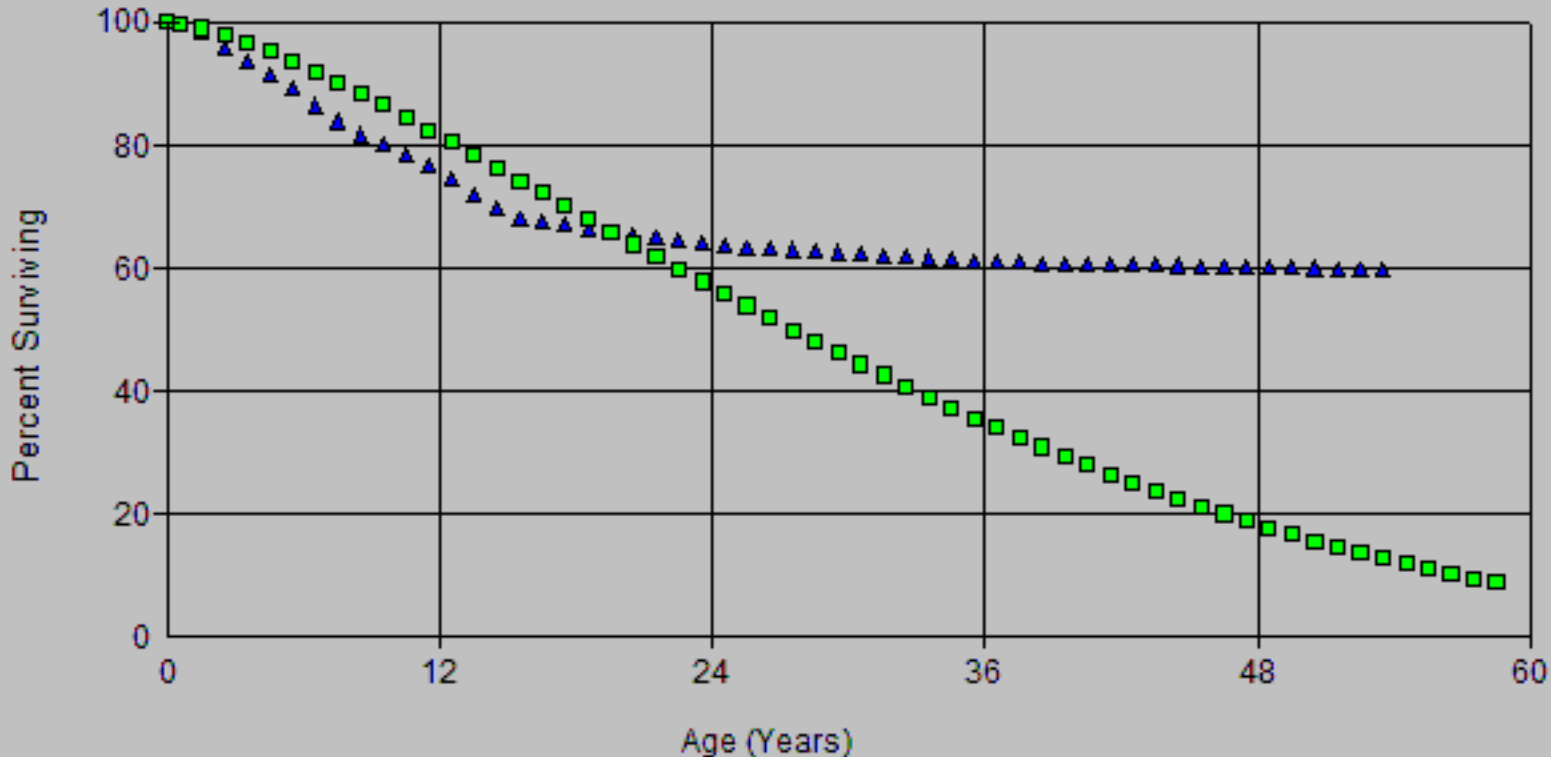


Account: E371.00 - Installns - Cust Prem
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GSD - RPP
 Depreciation

▲ Actual Data

■ L0 30.00

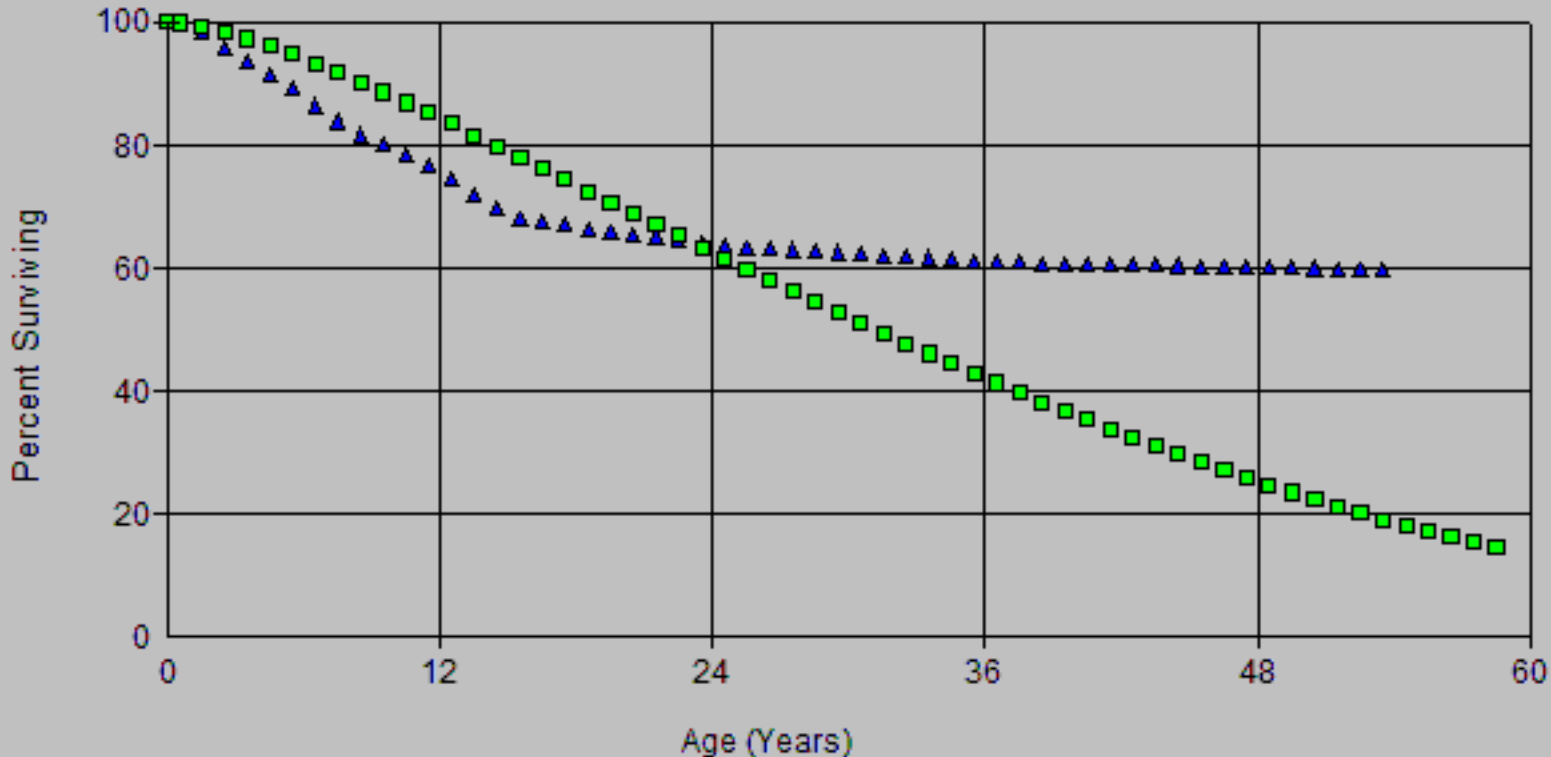


Account: E371.00-Installns -Cust Prem
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - RPP
Depreciation

▲ Actual Data

■ L0 34.00

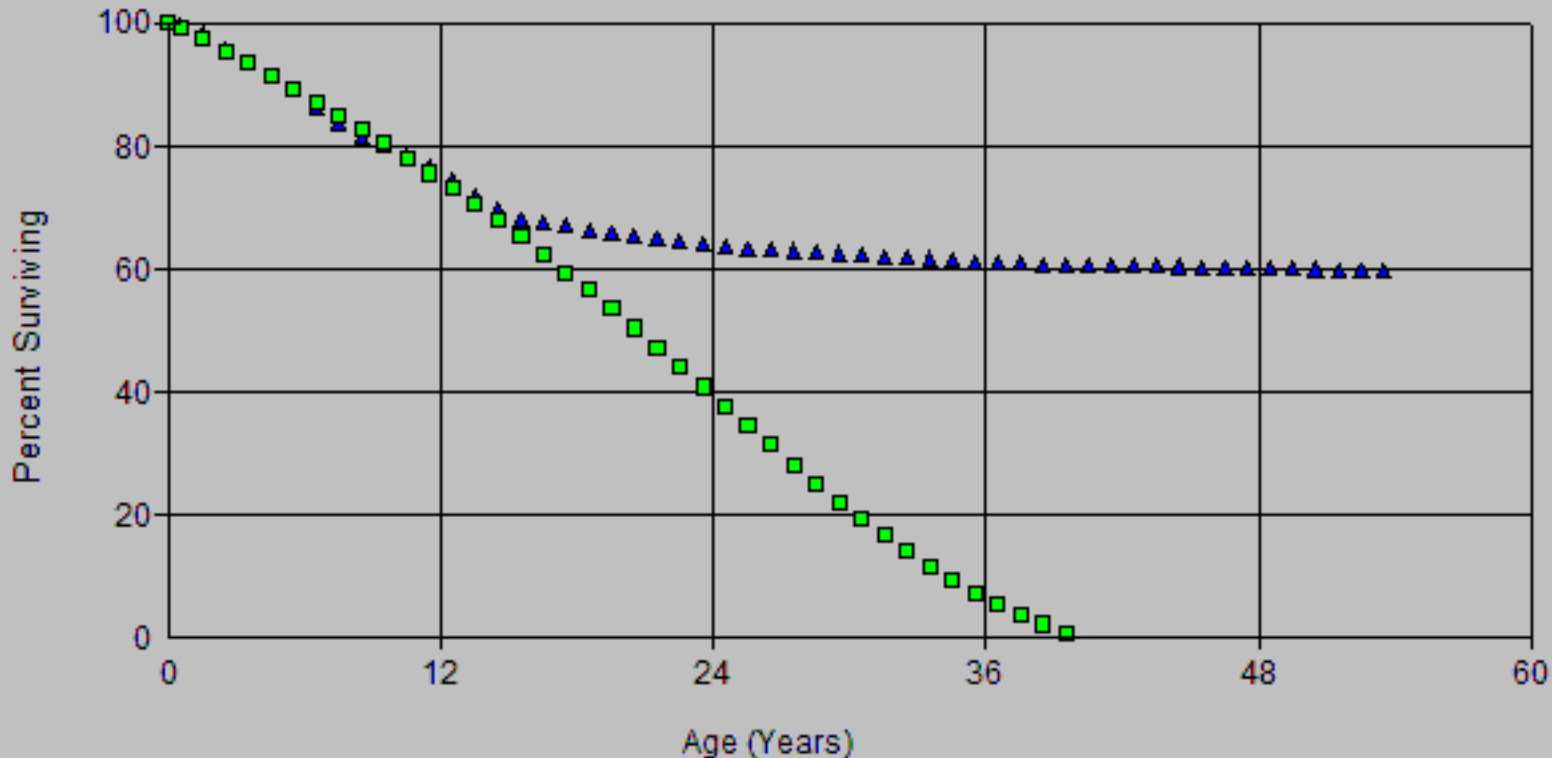


Account: E371.00-Installs -Cust Prem
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - RPP
Depreciation

▲ Actual Data

■ R0.5 20.00

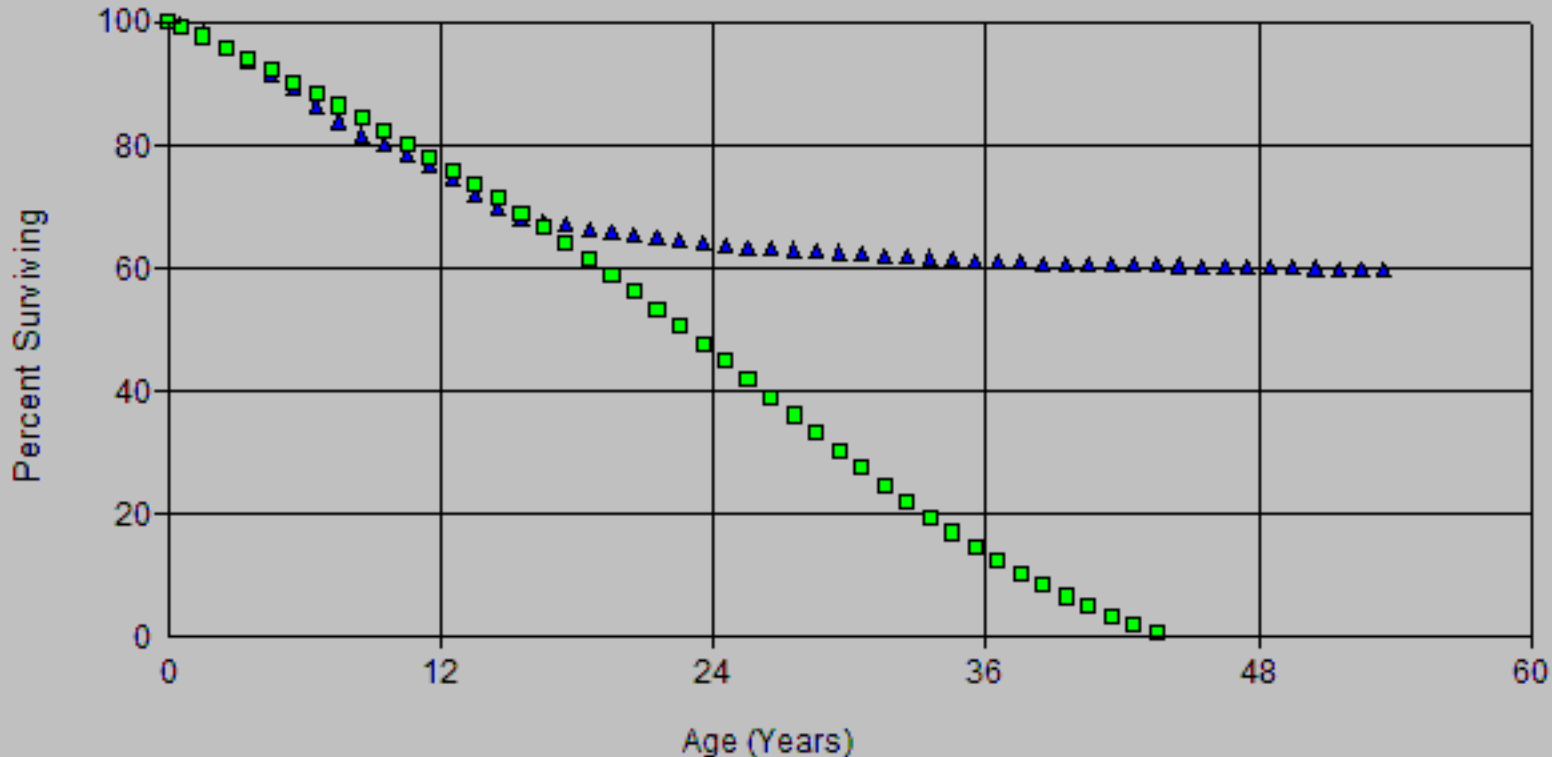


Account: E371.00-Installs -Cust Prem
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - RPP
Depreciation

▲ Actual Data

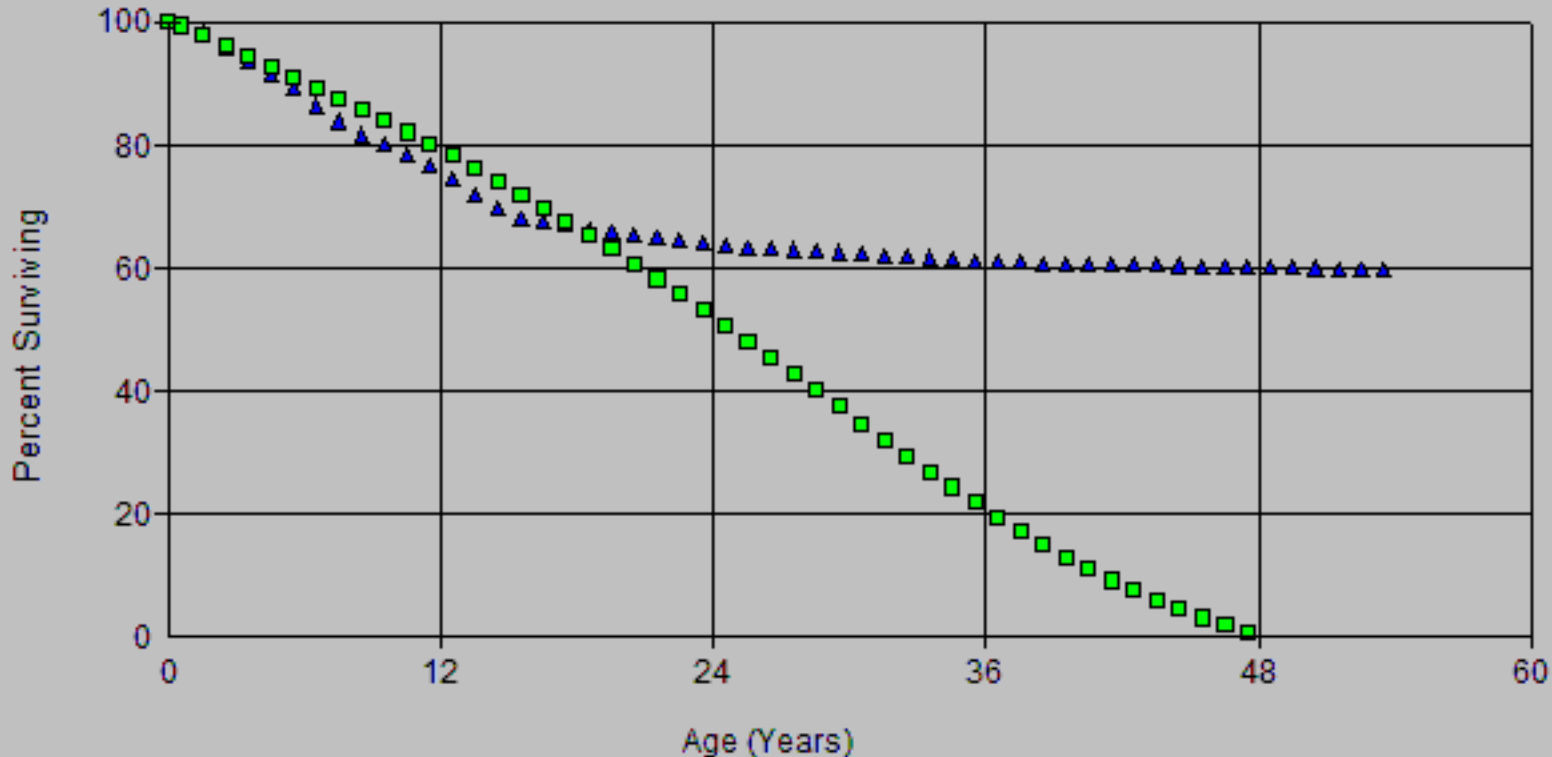
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Account: E371.00-Installns -Cust Prem
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GSD - RPP
 Depreciation

▲ Actual Data ■ R0.5 24.00

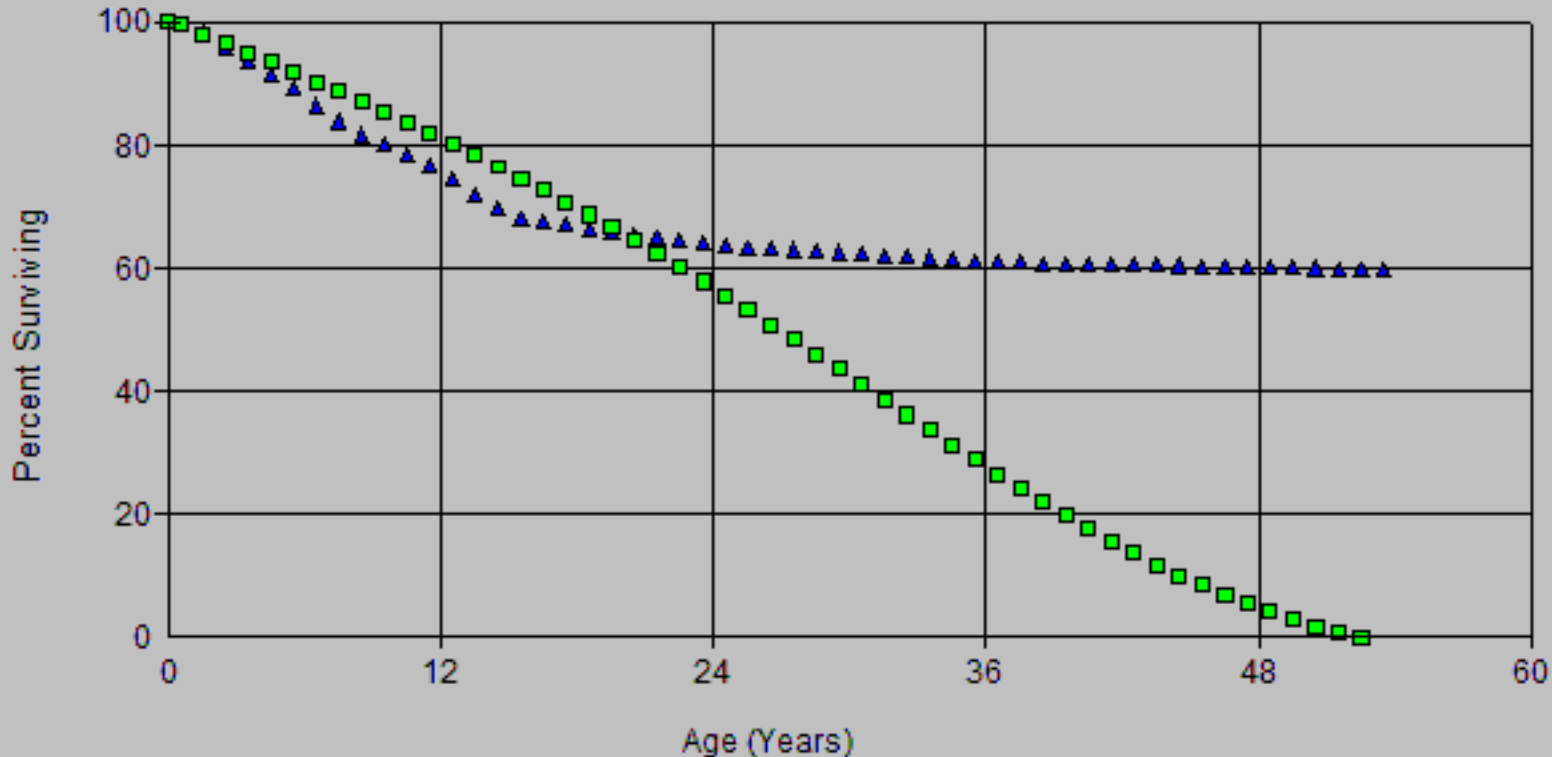


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Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - RPP
Depreciation

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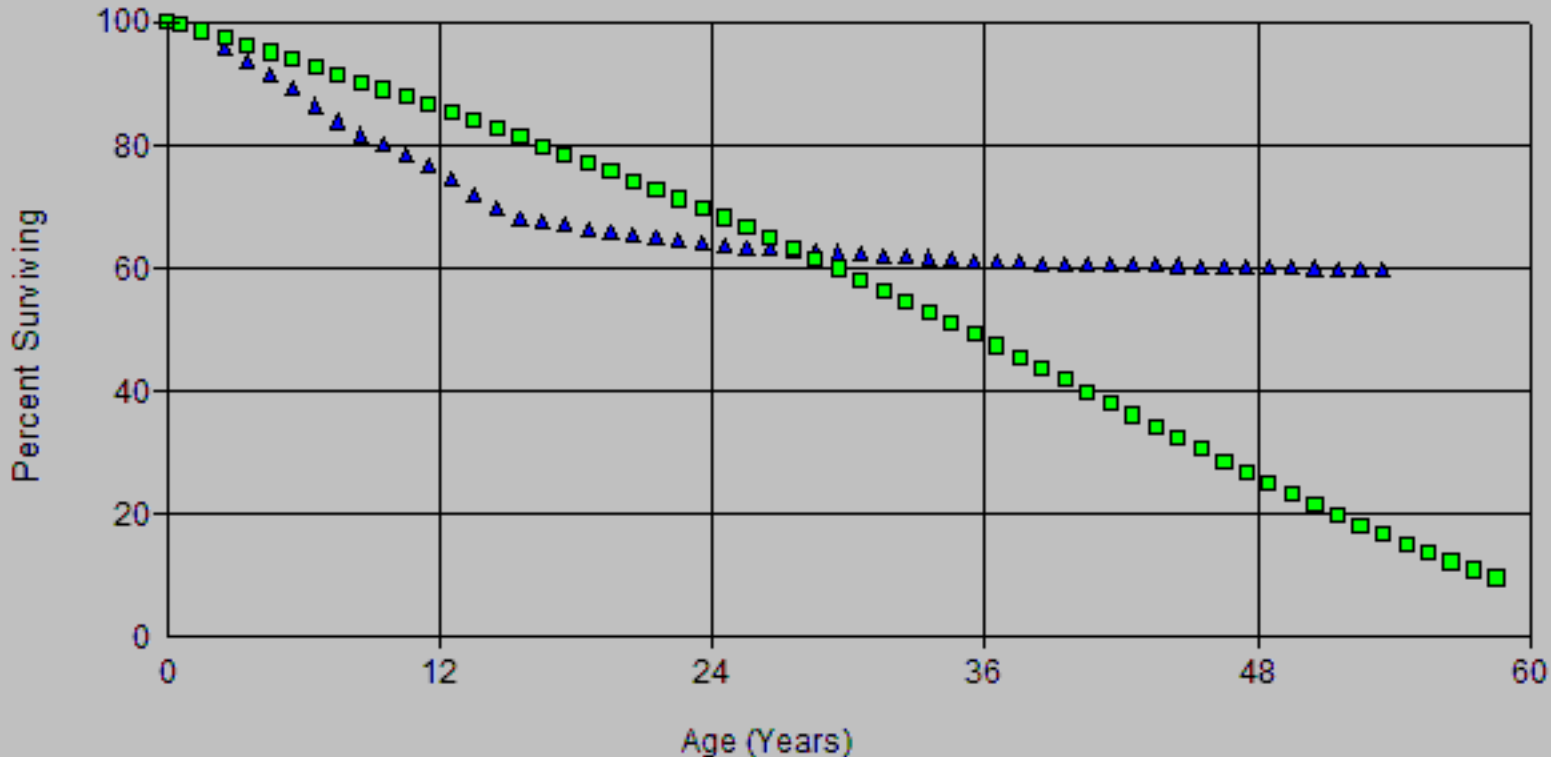
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SDG&E
 2024 GSD - RPP
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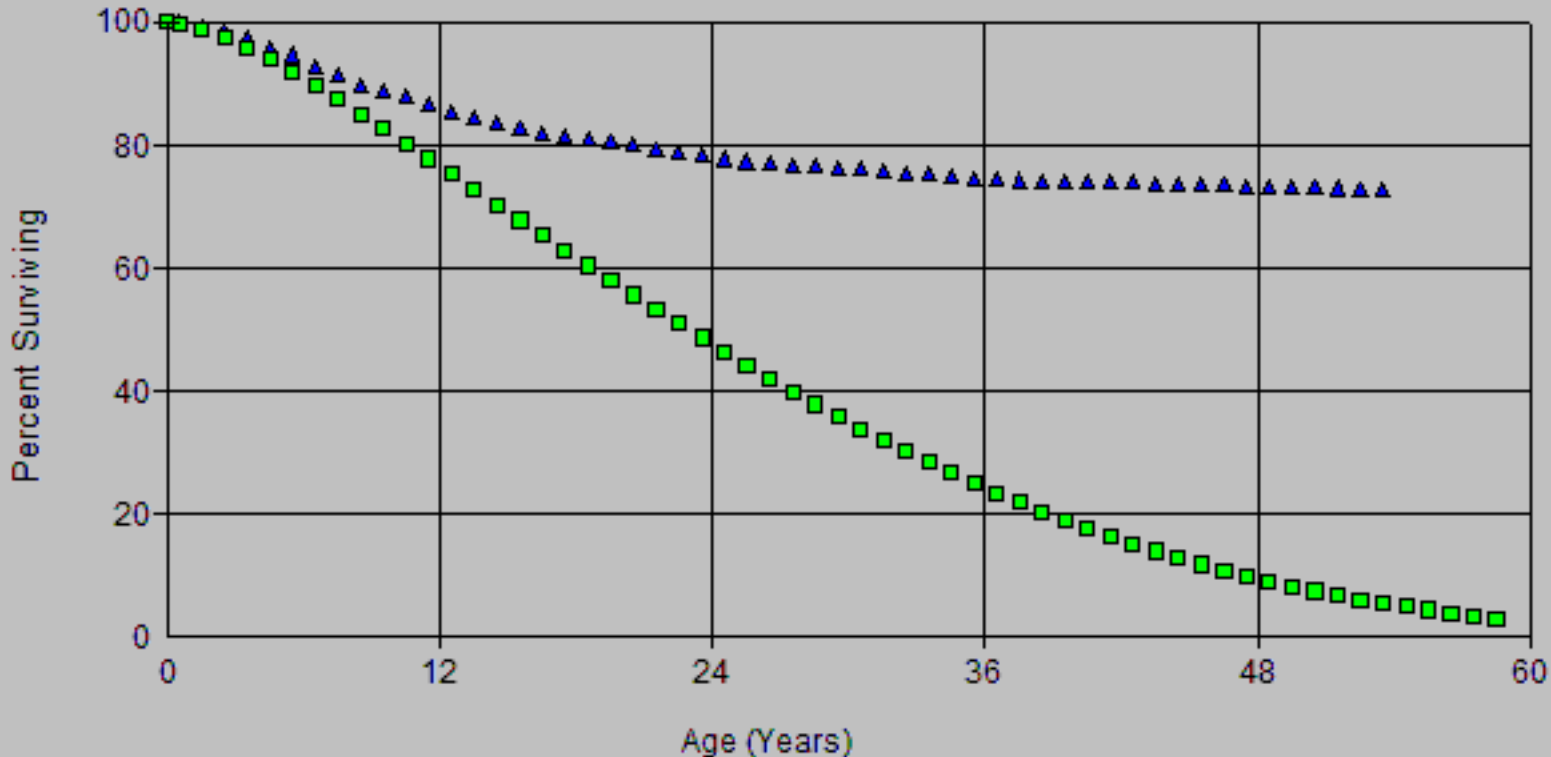


Account: E371.00-Installns -Cust Prem
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - NP
Depreciation

▲ Actual Data

■ L0 25.00

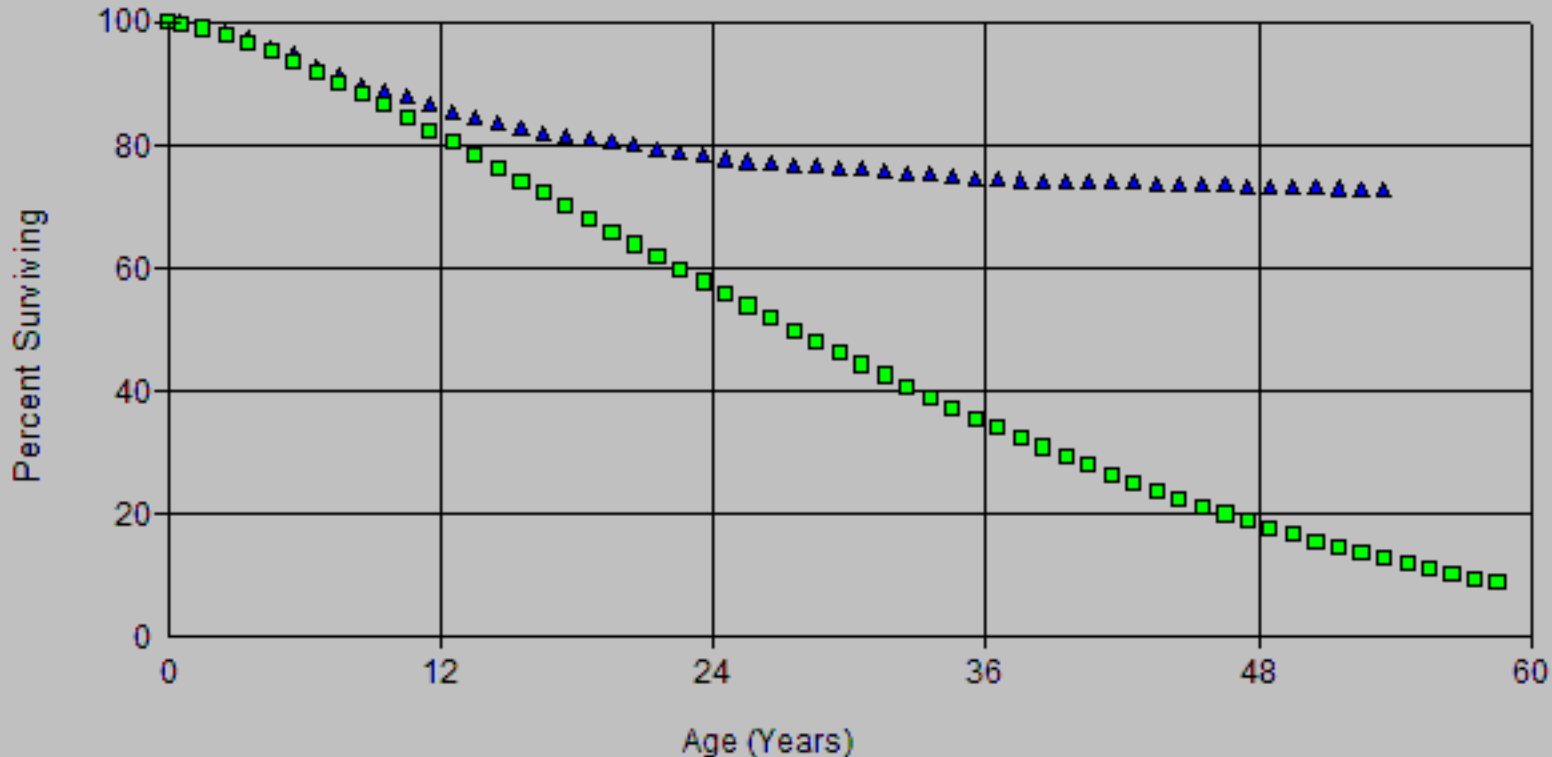


Account: E371.00-Installns -Cust Prem
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GSD - RPP
 Depreciation

▲ Actual Data

■ L0 30.00

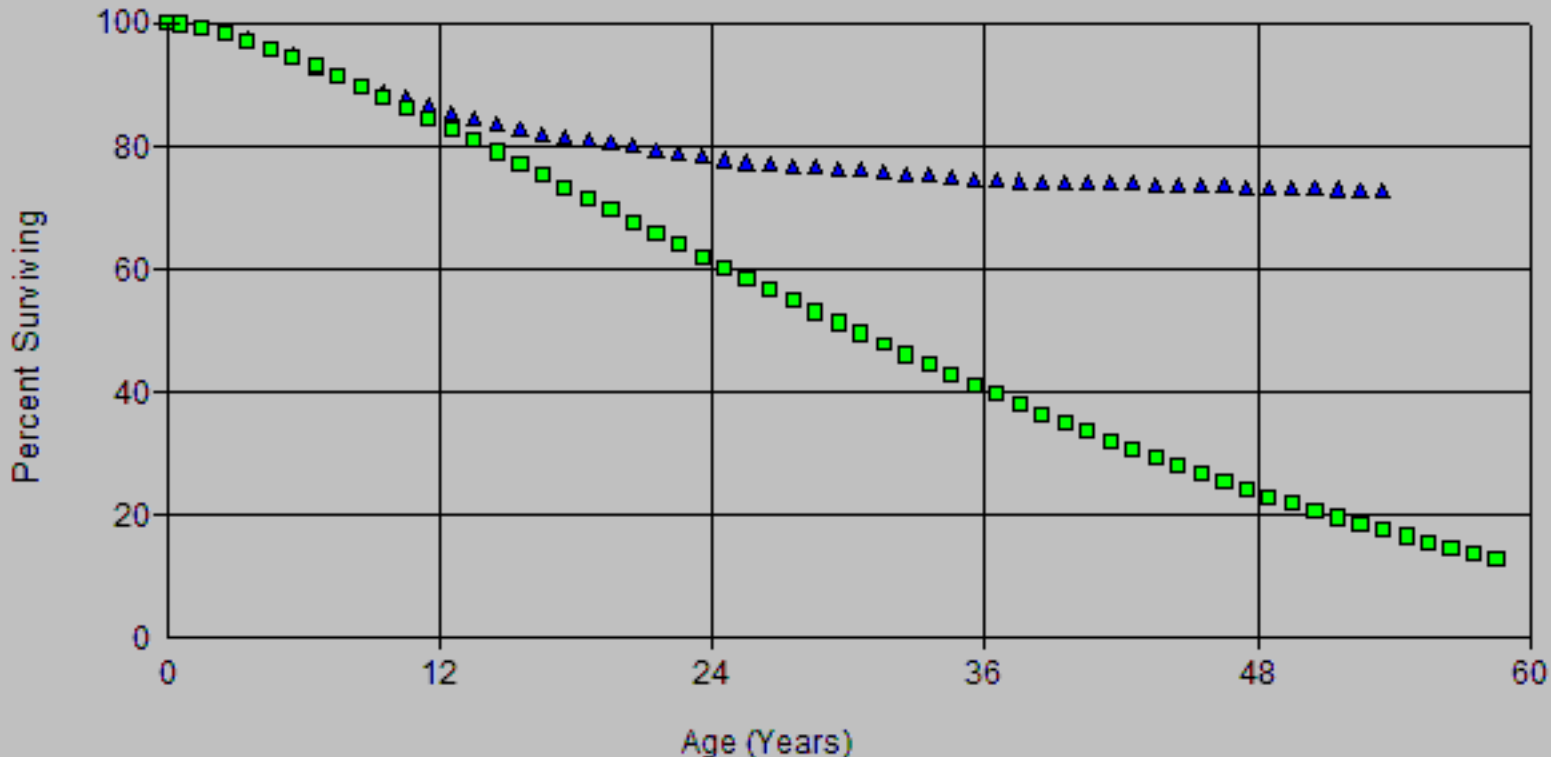


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Depreciation

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■ L0 33.00

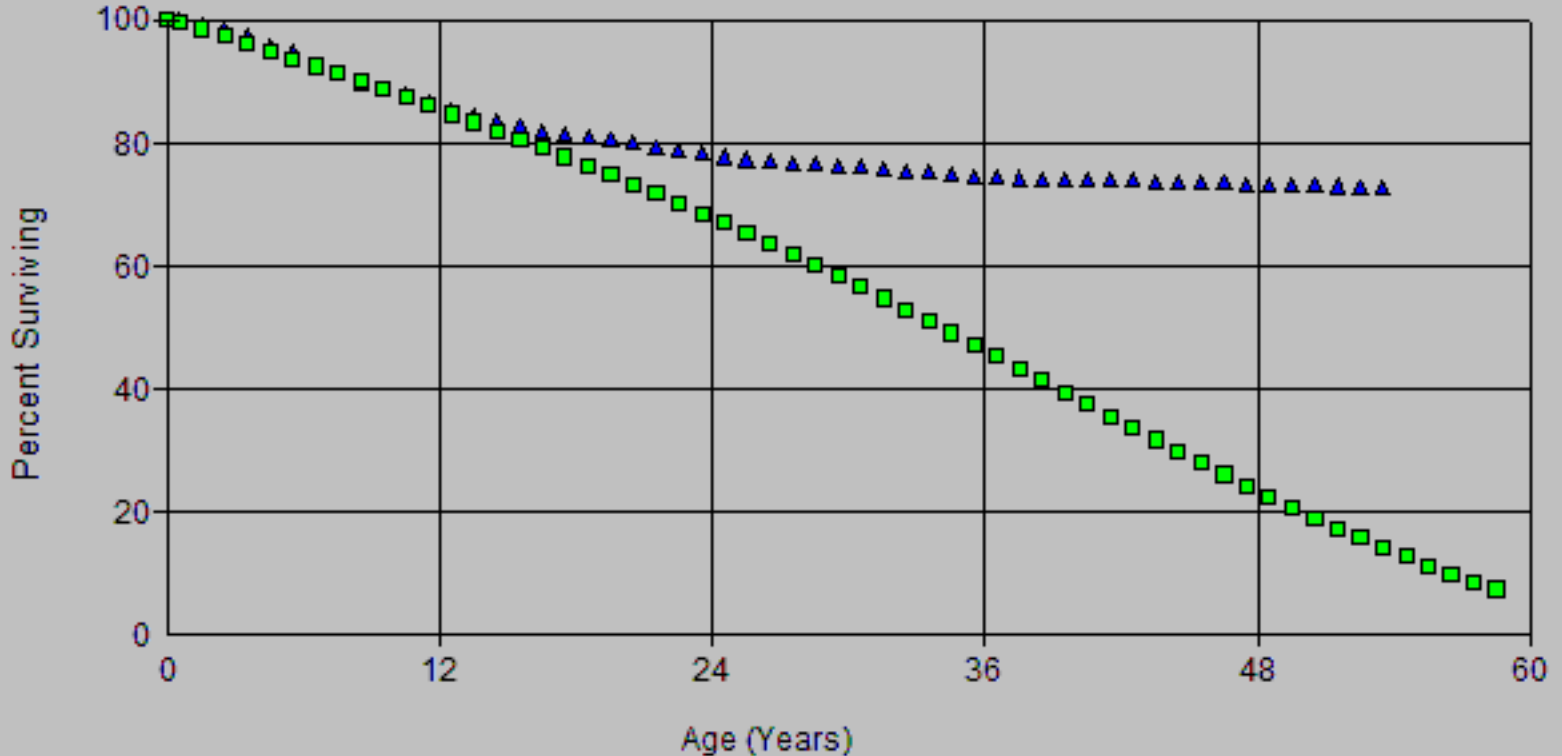


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Scenario: SDGE Actuarial @ 2020

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2024 GSD - RPP
Depreciation

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■ R0.5 33.00

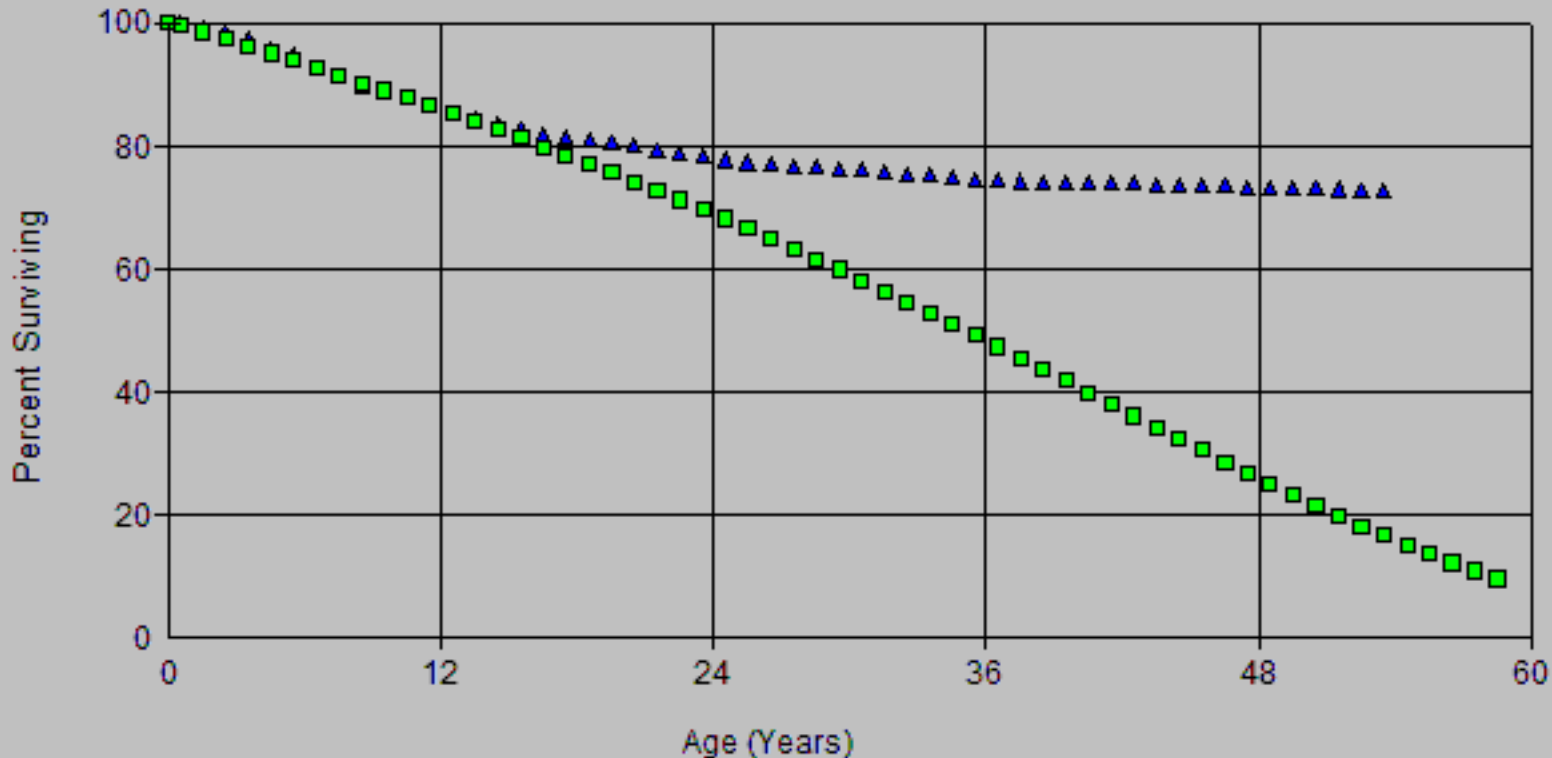


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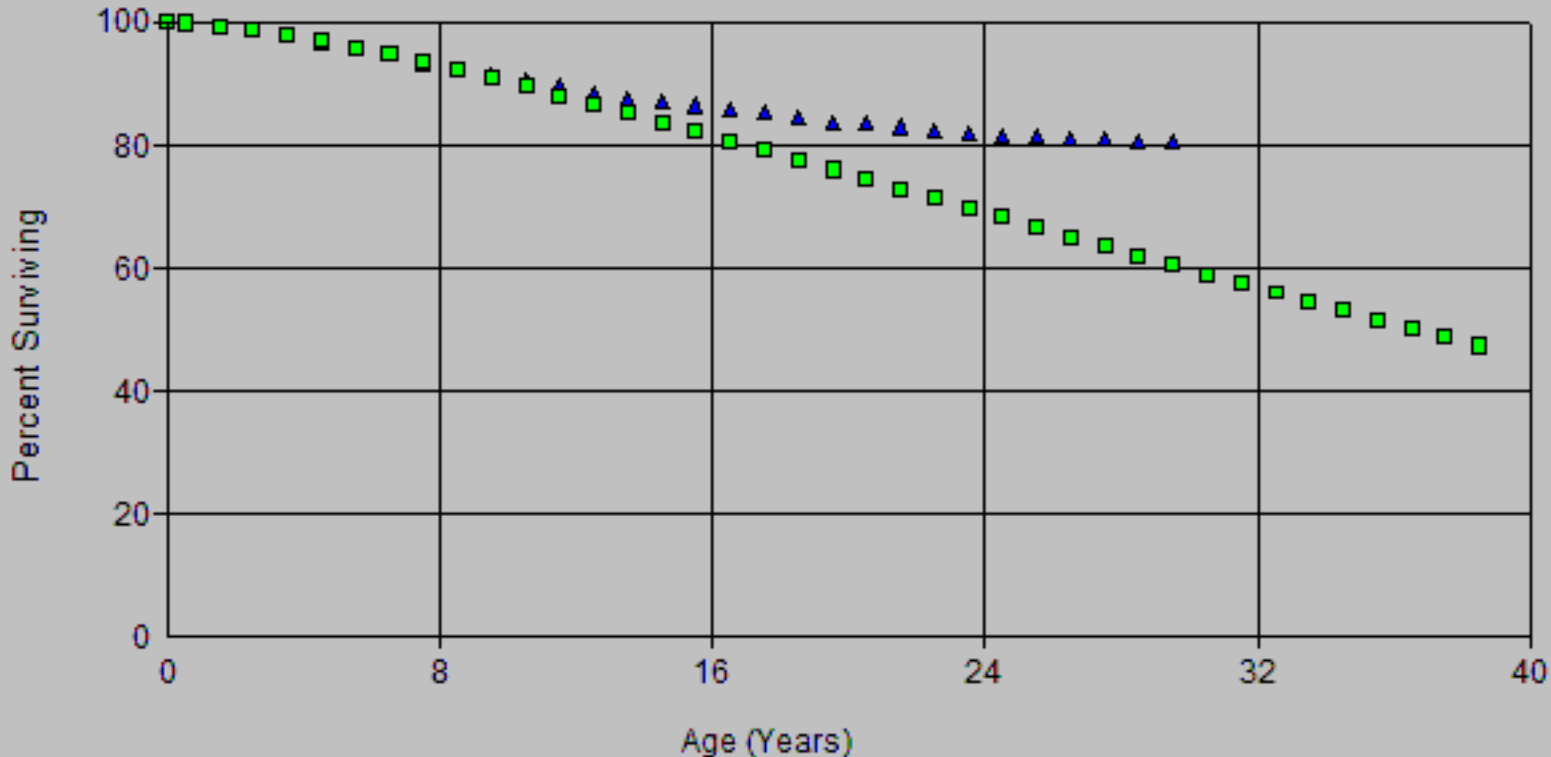


Account: E371.00-Installs -Cust Prem
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GSD - RPP
 Depreciation

▲ Actual Data

■ L0 40.00

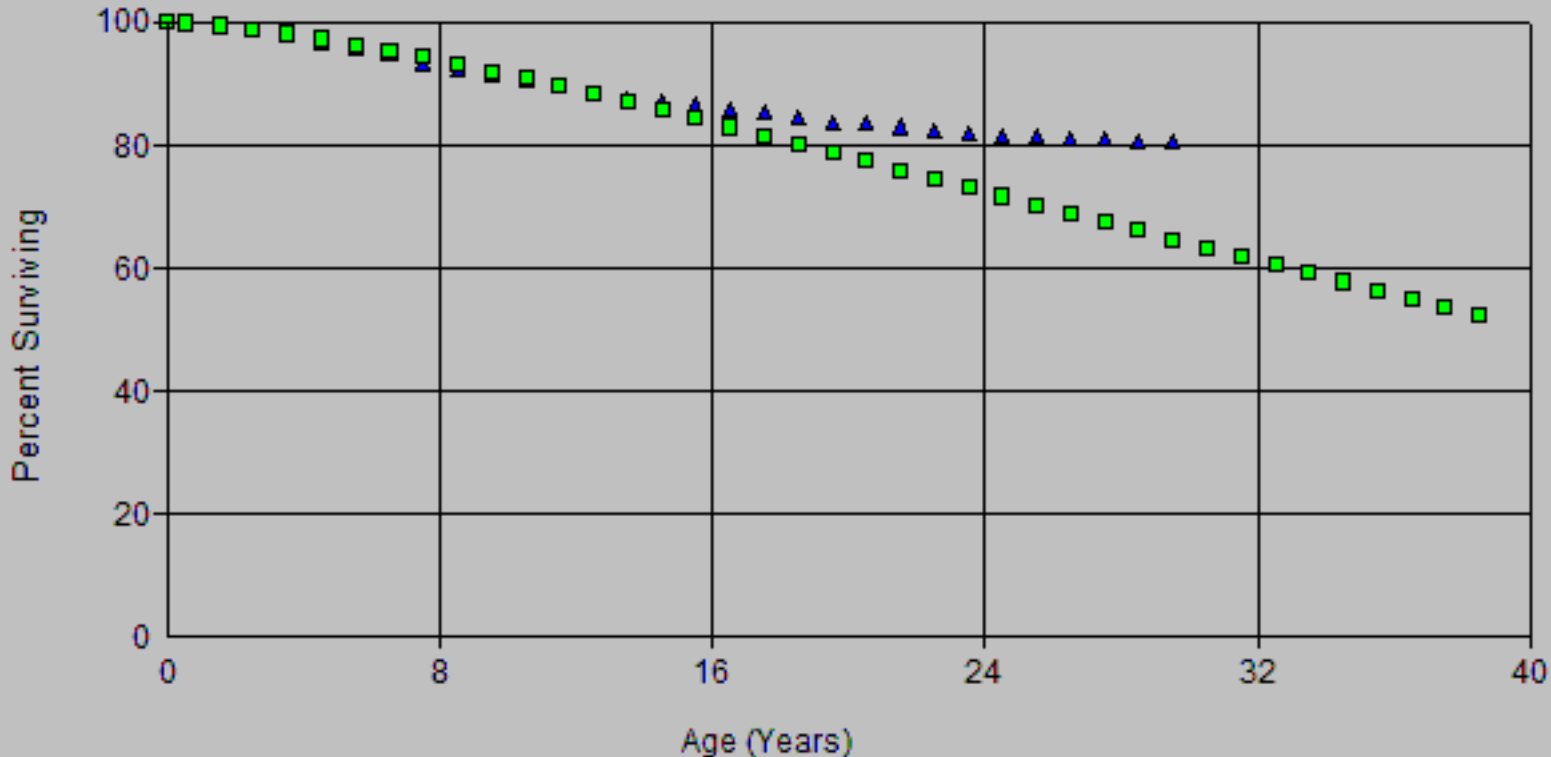


Account: E371.00 - Installns - Cust Prem
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - RPP
Depreciation

▲ Actual Data

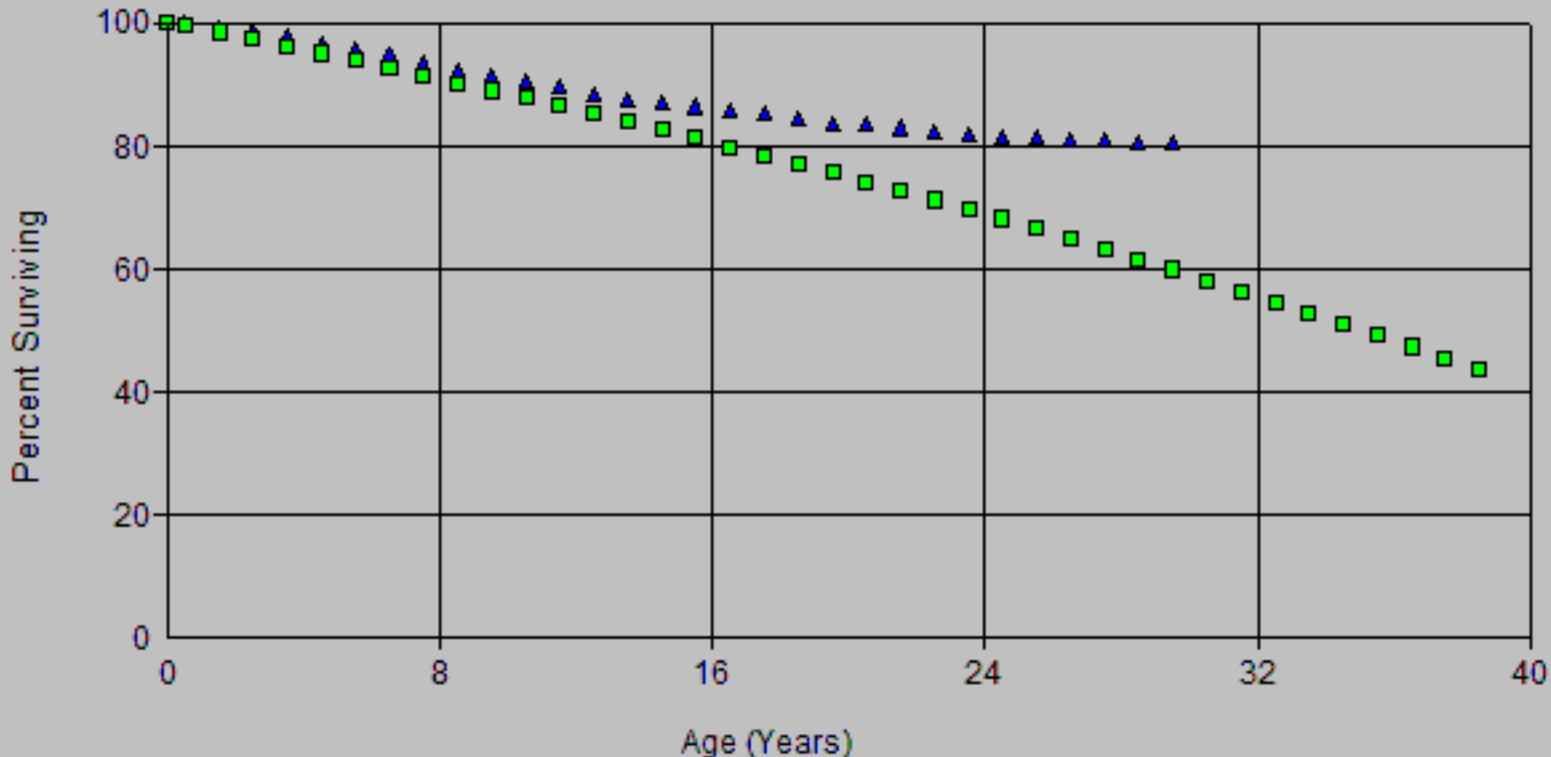
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Account: E371.00-Installns -Cust Prem
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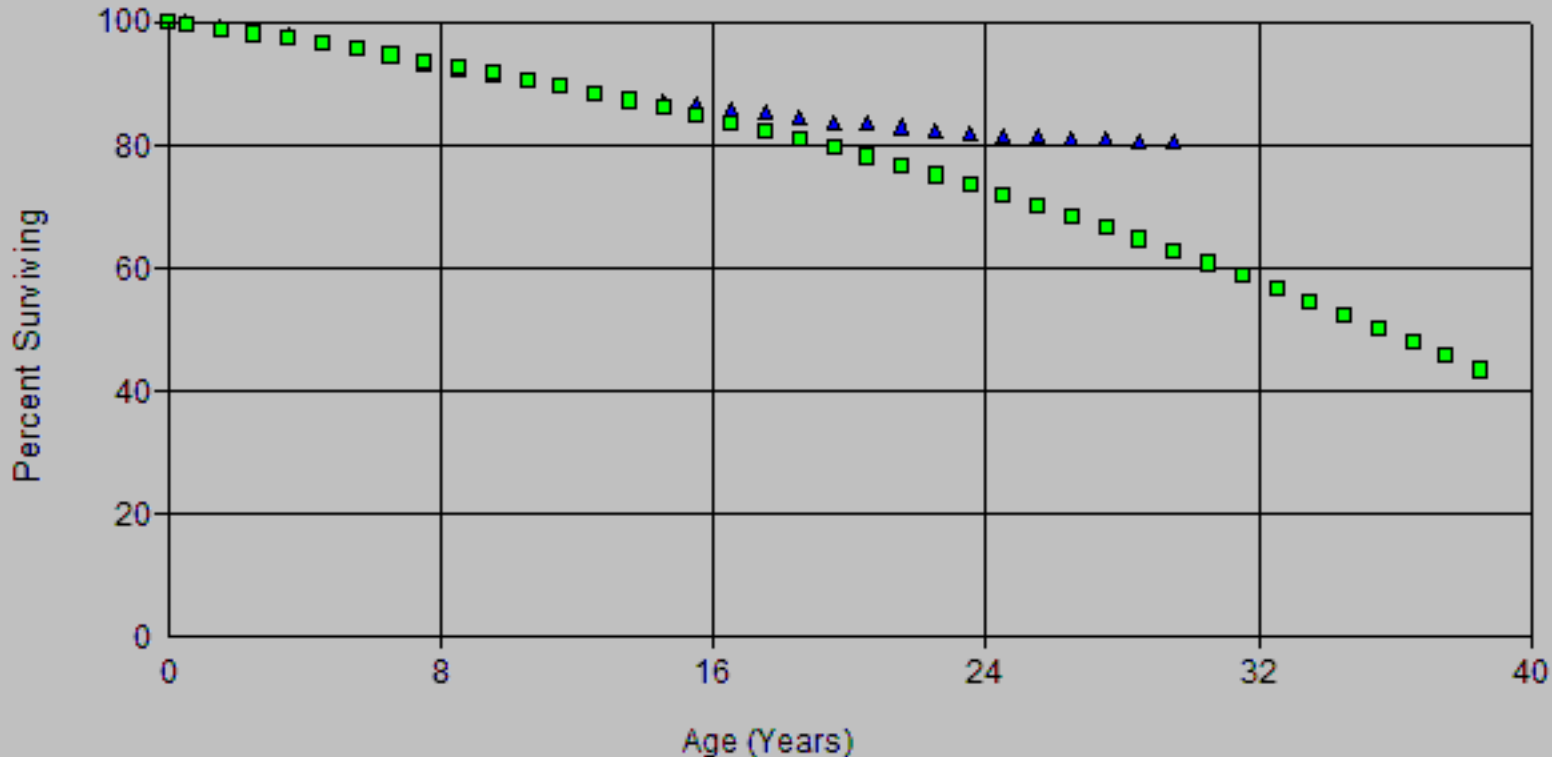
▲ Actual Data ■ R0.5 34.00



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SDG&E
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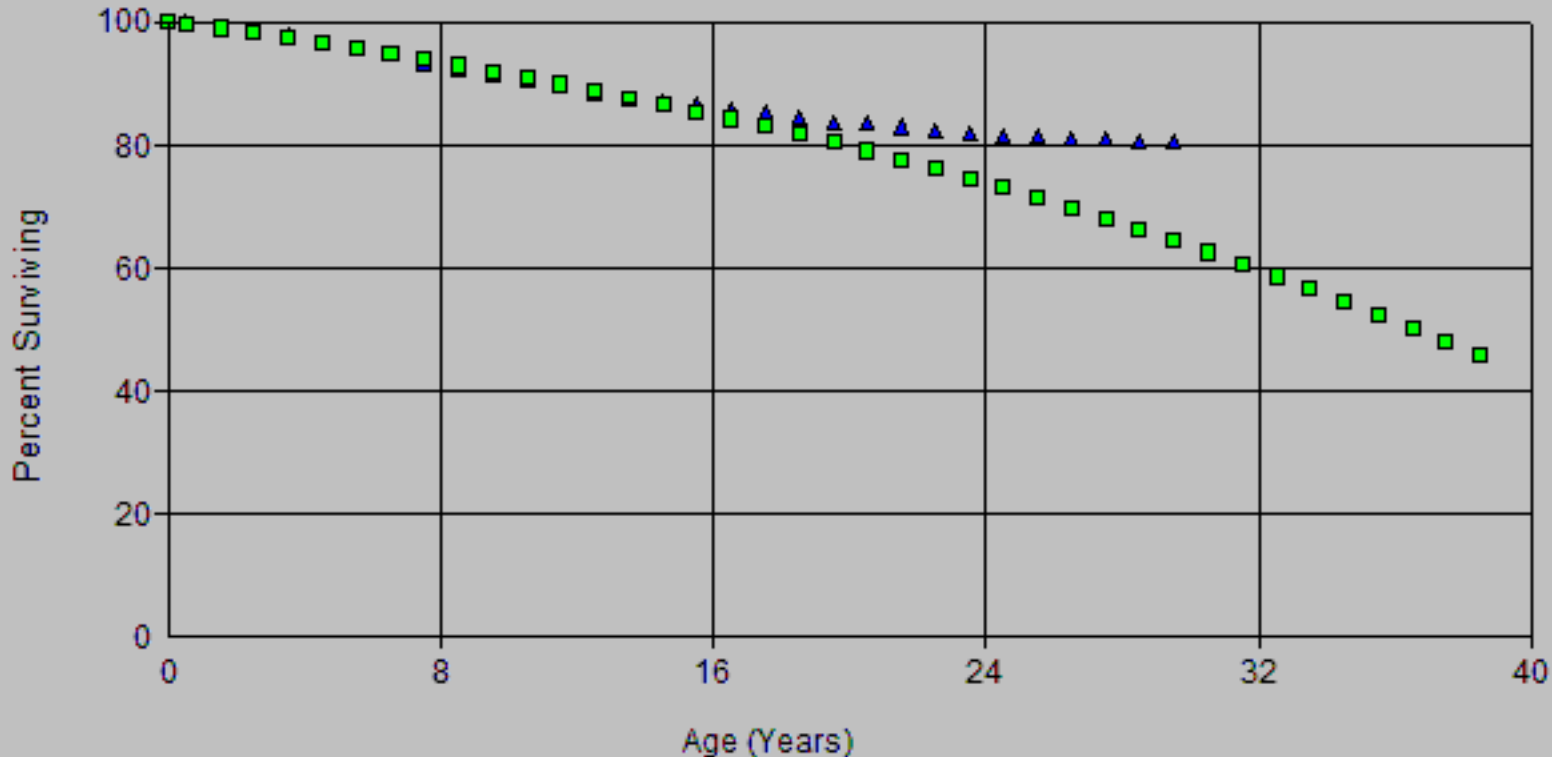


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Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GSD - RPP
Depreciation

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■ R1 35.00

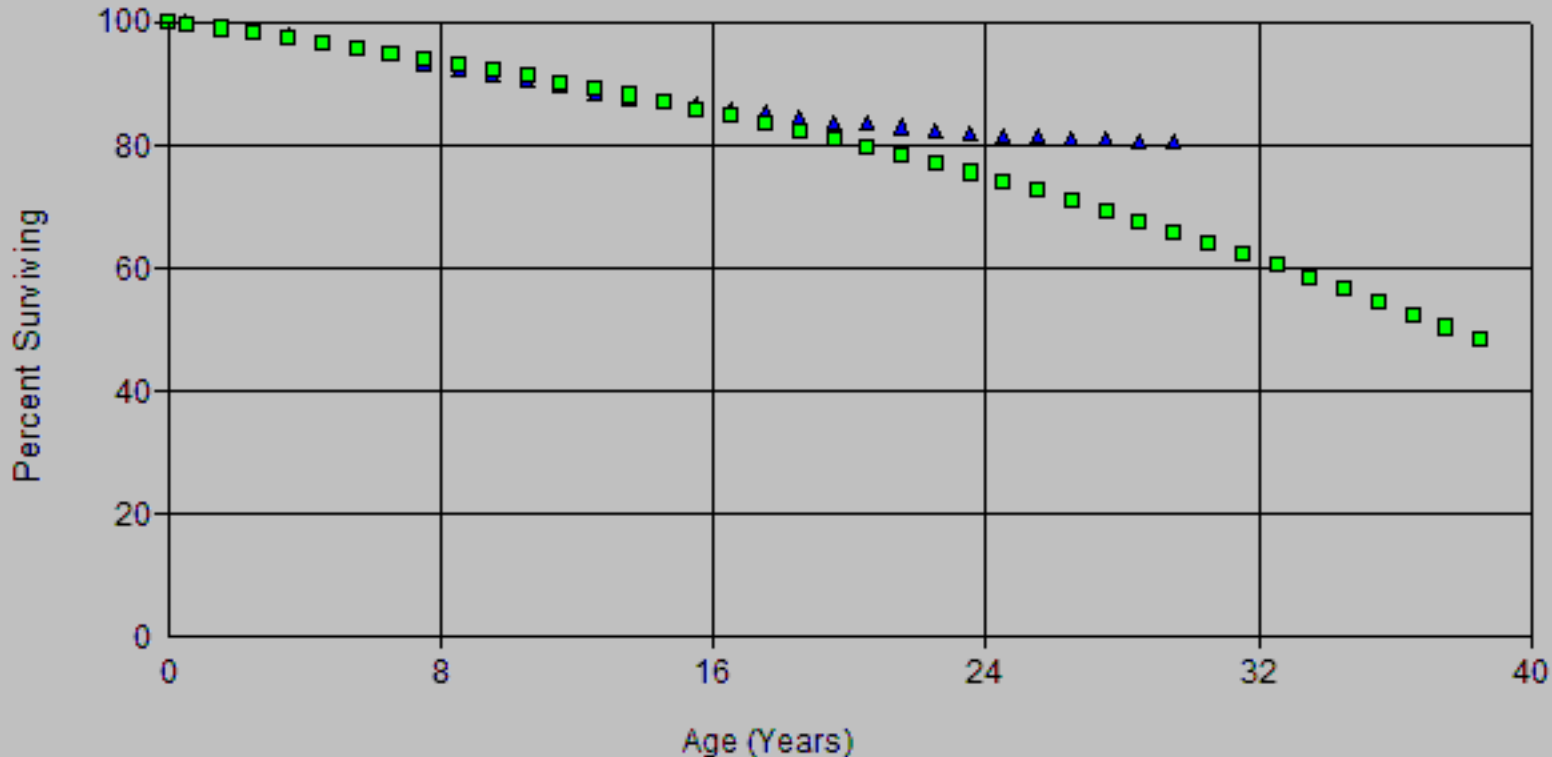


Account: E371.00 - Installs - Cust Prem
 Scenario: SDGE Actuarial @ 2020

SDG&E
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 Depreciation

▲ Actual Data

■ R1 36.00



Scenario: SDGE Actuarial @ 2020
 Account: E371.00-Installns -Cust Prem
 Placement Band: 1964 - 2020

Observed Life Table
 SDG&E
 2024 GRC - APP
 Depreciation

Observation Band: 1967 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	13,561,869.54	38,160.00	0.00281	0.99719	100.00
0.5	13,327,105.81	184,515.14	0.01385	0.98615	99.72
1.5	12,907,632.63	302,090.59	0.02340	0.97660	98.34
2.5	12,426,849.56	292,400.80	0.02353	0.97647	96.04
3.5	11,692,760.84	284,558.04	0.02434	0.97566	93.78
4.5	10,785,625.65	271,317.64	0.02516	0.97484	91.49
5.5	10,275,938.78	310,449.99	0.03021	0.96979	89.19
6.5	9,379,650.55	278,742.36	0.02972	0.97028	86.50
7.5	8,308,031.23	211,855.92	0.02550	0.97450	83.93
8.5	7,932,605.34	152,878.51	0.01927	0.98073	81.79
9.5	7,655,694.76	160,640.80	0.02098	0.97902	80.21
10.5	7,394,770.34	152,247.93	0.02059	0.97941	78.53
11.5	7,166,684.78	199,469.44	0.02783	0.97217	76.91
12.5	6,782,953.49	243,470.68	0.03589	0.96411	74.77
13.5	6,434,064.18	213,866.54	0.03324	0.96676	72.09
14.5	6,075,477.23	138,480.92	0.02279	0.97721	69.69
15.5	5,666,901.62	45,957.97	0.00811	0.99189	68.10
16.5	5,545,808.58	42,995.43	0.00775	0.99225	67.55
17.5	5,347,585.63	41,940.60	0.00784	0.99216	67.03
18.5	5,142,464.06	37,144.36	0.00722	0.99278	66.50
19.5	5,011,440.76	26,490.14	0.00529	0.99471	66.02
20.5	4,898,466.73	40,432.03	0.00825	0.99175	65.67
21.5	4,713,191.44	29,466.61	0.00625	0.99375	65.13
22.5	4,478,593.04	34,252.12	0.00765	0.99235	64.72
23.5	4,339,226.70	27,705.68	0.00638	0.99362	64.23
24.5	4,199,782.57	22,809.20	0.00543	0.99457	63.82
25.5	4,019,852.60	17,043.93	0.00424	0.99576	63.47
26.5	3,851,024.82	7,920.53	0.00206	0.99794	63.20
27.5	3,666,171.40	6,017.45	0.00164	0.99836	63.07
28.5	3,452,269.94	16,318.63	0.00473	0.99527	62.97
29.5	3,233,838.02	12,816.35	0.00396	0.99604	62.67
30.5	3,108,204.32	12,880.82	0.00414	0.99586	62.42
31.5	2,992,983.34	11,002.25	0.00368	0.99632	62.17
32.5	2,918,852.64	7,410.18	0.00254	0.99746	61.94
33.5	2,843,989.08	14,498.66	0.00510	0.99490	61.78
34.5	2,707,844.76	8,029.41	0.00297	0.99703	61.47
35.5	2,538,890.01	7,672.64	0.00302	0.99698	61.28
36.5	2,330,172.09	4,545.06	0.00195	0.99805	61.10
37.5	1,511,507.24	2,927.62	0.00194	0.99806	60.98
38.5	955,486.25	888.79	0.00093	0.99907	60.86
39.5	661,372.45	262.80	0.00040	0.99960	60.80
40.5	585,244.93	101.39	0.00017	0.99983	60.78
41.5	443,876.84	492.56	0.00111	0.99889	60.77
42.5	353,176.22	863.83	0.00245	0.99755	60.70
43.5	301,026.60	245.47	0.00082	0.99918	60.55
44.5	274,193.02	465.95	0.00170	0.99830	60.50
45.5	177,840.62	279.59	0.00157	0.99843	60.40
46.5	155,149.10	200.01	0.00129	0.99871	60.31
47.5	126,294.58	186.05	0.00147	0.99853	60.23
48.5	80,151.01	51.91	0.00065	0.99935	60.14
49.5	28,443.26	34.30	0.00121	0.99879	60.10
50.5	18,967.30	31.56	0.00166	0.99834	60.03
51.5	10,625.57	17.51	0.00165	0.99835	59.93
52.5	4,772.54	6.36	0.00133	0.99867	59.83

Scenario: SDGE Actuarial @ 2020
Account: E371.00-Installns -Cust Prem
Placement Band: 1964 - 2020

Observation Band: 1967 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	0.00	0.00	0.00000	1.00000	59.75

Scenario: SDGE Actuarial @ 2020

Account: E371.00-Installns -Cust Prem

Placement Band: 1964 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	7,600,312.84	897.00	0.00012	0.99988	100.00
0.5	7,617,917.32	50,153.14	0.00658	0.99342	99.99
1.5	7,380,389.87	47,742.59	0.00647	0.99353	99.33
2.5	7,114,416.53	85,678.80	0.01204	0.98796	98.69
3.5	6,669,875.47	99,834.04	0.01497	0.98503	97.50
4.5	6,091,949.03	82,647.64	0.01357	0.98643	96.04
5.5	5,959,091.52	107,263.99	0.01800	0.98200	94.74
6.5	5,508,560.01	94,667.36	0.01719	0.98281	93.03
7.5	5,492,816.59	97,565.92	0.01776	0.98224	91.43
8.5	5,846,664.41	63,137.51	0.01080	0.98920	89.81
9.5	6,207,471.54	65,369.80	0.01053	0.98947	88.84
10.5	6,128,558.00	71,879.93	0.01173	0.98827	87.90
11.5	6,127,926.29	99,142.44	0.01618	0.98382	86.87
12.5	5,939,061.13	67,161.68	0.01131	0.98869	85.47
13.5	5,829,124.82	57,468.54	0.00986	0.99014	84.50
14.5	5,654,970.68	67,395.92	0.01192	0.98808	83.67
15.5	5,414,311.75	36,213.97	0.00669	0.99331	82.67
16.5	5,337,480.83	32,809.43	0.00615	0.99385	82.12
17.5	5,179,848.38	36,988.60	0.00714	0.99286	81.61
18.5	5,028,913.38	32,608.36	0.00648	0.99352	81.03
19.5	4,956,471.15	24,017.14	0.00485	0.99515	80.50
20.5	4,866,053.10	40,257.03	0.00827	0.99173	80.11
21.5	4,697,905.72	29,351.61	0.00625	0.99375	79.45
22.5	4,473,055.27	34,235.12	0.00765	0.99235	78.95
23.5	4,339,226.70	27,705.68	0.00638	0.99362	78.35
24.5	4,199,782.57	22,809.20	0.00543	0.99457	77.85
25.5	4,019,852.60	17,043.93	0.00424	0.99576	77.43
26.5	3,851,024.82	7,920.53	0.00206	0.99794	77.10
27.5	3,666,171.40	6,017.45	0.00164	0.99836	76.94
28.5	3,452,269.94	16,318.63	0.00473	0.99527	76.81
29.5	3,233,838.02	12,816.35	0.00396	0.99604	76.45
30.5	3,108,204.32	12,880.82	0.00414	0.99586	76.15
31.5	2,992,983.34	11,002.25	0.00368	0.99632	75.83
32.5	2,918,852.64	7,410.18	0.00254	0.99746	75.55
33.5	2,843,989.08	14,498.66	0.00510	0.99490	75.36
34.5	2,707,844.76	8,029.41	0.00297	0.99703	74.98
35.5	2,538,890.01	7,672.64	0.00302	0.99698	74.75
36.5	2,330,172.09	4,545.06	0.00195	0.99805	74.53
37.5	1,511,507.24	2,927.62	0.00194	0.99806	74.38
38.5	955,486.25	888.79	0.00093	0.99907	74.24
39.5	661,372.45	262.80	0.00040	0.99960	74.17
40.5	585,244.93	101.39	0.00017	0.99983	74.14
41.5	443,876.84	492.56	0.00111	0.99889	74.13
42.5	353,176.22	863.83	0.00245	0.99755	74.05
43.5	301,026.60	245.47	0.00082	0.99918	73.86
44.5	274,193.02	465.95	0.00170	0.99830	73.80
45.5	177,840.62	279.59	0.00157	0.99843	73.68
46.5	155,149.10	200.01	0.00129	0.99871	73.56
47.5	126,294.58	186.05	0.00147	0.99853	73.47
48.5	80,151.01	51.91	0.00065	0.99935	73.36
49.5	28,443.26	34.30	0.00121	0.99879	73.31
50.5	18,967.30	31.56	0.00166	0.99834	73.22
51.5	10,625.57	17.51	0.00165	0.99835	73.10
52.5	4,772.54	6.36	0.00133	0.99867	72.98

Scenario: SDGE Actuarial @ 2020

Account: E371.00-Installns -Cust Prem

Placement Band: 1964 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	0.00	0.00	0.00000	1.00000	72.88

SDG&E
2024 GRC - APP
Depreciation

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E371.00-Installns -Cust Prem

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	7,600,312.84	897.00	0.00012	0.99988	100.00
0.5	7,402,062.11	48,637.14	0.00657	0.99343	99.99
1.5	6,992,325.93	38,641.59	0.00553	0.99447	99.33
2.5	6,570,953.86	47,412.80	0.00722	0.99278	98.78
3.5	6,048,950.14	72,799.04	0.01203	0.98797	98.07
4.5	5,342,302.95	56,229.64	0.01053	0.98947	96.89
5.5	5,055,616.08	56,205.99	0.01112	0.98888	95.87
6.5	4,429,624.85	62,997.36	0.01422	0.98578	94.80
7.5	3,575,710.53	40,011.92	0.01119	0.98881	93.46
8.5	3,383,418.64	30,220.01	0.00893	0.99107	92.41
9.5	3,222,537.56	37,455.73	0.01162	0.98838	91.58
10.5	3,075,471.21	24,169.93	0.00786	0.99214	90.52
11.5	2,947,501.65	44,762.41	0.01519	0.98481	89.81
12.5	2,718,477.39	20,561.92	0.00756	0.99244	88.45
13.5	2,592,496.84	17,203.47	0.00664	0.99336	87.78
14.5	2,430,572.96	18,651.85	0.00767	0.99233	87.19
15.5	2,141,826.42	11,339.09	0.00529	0.99471	86.52
16.5	2,055,352.26	16,794.57	0.00817	0.99183	86.07
17.5	1,883,330.17	17,948.76	0.00953	0.99047	85.36
18.5	1,702,200.44	16,070.27	0.00944	0.99056	84.55
19.5	1,592,251.23	3,989.36	0.00251	0.99749	83.75
20.5	1,501,777.98	8,129.64	0.00541	0.99459	83.54
21.5	1,348,805.08	8,532.96	0.00633	0.99367	83.09
22.5	1,135,140.33	7,795.94	0.00687	0.99313	82.56
23.5	1,022,230.17	6,798.66	0.00665	0.99335	82.00
24.5	903,693.06	820.27	0.00091	0.99909	81.45
25.5	745,752.02	1,896.29	0.00254	0.99746	81.38
26.5	592,071.88	1,406.85	0.00238	0.99762	81.17
27.5	410,597.14	589.84	0.00144	0.99856	80.98
28.5	202,123.29	10.00	0.00005	0.99995	80.86
29.5	0.00	0.00	0.00000	0.00000	80.86

Actuarial Life Analysis

Account: E371.00-InstallIns -Cust Prem
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1964 - 1976
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1967 -1976	12.5	60.16	0.02675984	R0.5	12.10
1968 -1977	13.5	56.32	0.02552688	R0.5	12.49
1969 -1978	14.5	52.08	0.02181042	L0	13.70
1970 -1979	15.5	39.02	0.01516407	R0.5	12.94
1971 -1980	16.5	0.00	0.09981675	R1	12.04
1972 -1981	17.5	0.00	0.11677072	R1.5	11.50
1973 -1982	18.5	0.00	0.07636433	R1.5	10.54
1974 -1983	19.5	3.56	0.05365122	R1.5	10.65
1975 -1984	20.5	4.85	0.02962986	R1	10.20
1976 -1985	21.5	8.04	0.04118028	S0.5	10.75
1977 -1986	22.5	9.67	0.04496075	L1	11.09
1978 -1987	23.5	11.90	0.05258201	L1	11.34
1979 -1988	24.5	14.65	0.07501523	L1	12.13
1980 -1989	25.5	17.38	0.07612797	L0.5	12.96
1981 -1990	26.5	20.45	0.09962997	L0	13.90
1982 -1991	27.5	22.39	0.11348609	L0	14.88
1983 -1992	28.5	36.27	0.11384621	L0	18.55
1984 -1993	29.5	45.05	0.15899654	L0	21.49
1985 -1994	30.5	60.94	0.17493942	L0	29.51
1986 -1995	31.5	62.55	0.25094996	L0	30.29
1987 -1996	32.5	63.99	0.24038805	R0.5	28.77
1988 -1997	33.5	70.03	0.13171319	R0.5	35.09
1989 -1998	34.5	43.32	0.11967972	R0.5	31.61
1990 -1999	35.5	49.77	0.09062644	R0.5	32.40
1991 -2000	36.5	58.19	0.11304100	R0.5	33.98
1992 -2001	37.5	62.35	0.19346012	R0.5	34.51
1993 -2002	38.5	40.43	0.16950104	R0.5	33.52
1994 -2003	39.5	50.63	0.14893739	R0.5	34.81
1995 -2004	40.5	55.92	0.16759429	R0.5	36.07
1996 -2005	41.5	57.05	0.17565757	R0.5	36.76
1997 -2006	42.5	62.69	0.16022043	R0.5	40.29
1998 -2007	43.5	62.64	0.20529188	R0.5	40.13
1999 -2008	44.5	60.72	0.24370169	R0.5	39.33
2000 -2009	45.5	62.09	0.28138768	R0.5	40.32
2001 -2010	46.5	63.50	0.29738552	R0.5	41.71
2002 -2011	47.5	65.37	0.26911516	R0.5	44.29
2003 -2012	48.5	69.29	0.17437257	R0.5	50.98
2004 -2013	49.5	71.07	0.13467242	R0.5	55.94
2005 -2014	50.5	72.69	0.13626849	R0.5	58.60
2006 -2015	51.5	74.65	0.11398064	R0.5	63.94
2007 -2016	52.5	77.48	0.07866457	R0.5	73.11
2008 -2017	53.5	80.18	0.05210630	R0.5	84.69
2009 -2018	54.5	83.91	0.02504093	R0.5	107.91
2010 -2019	55.5	84.82	0.01425314	R0.5	161.89

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E371.00-Installns -Cust Prem

Scenario: SDGE Actuarial @ 2020

Placement Band: 1964 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation	<u>Censoring</u>		Error Sum	<u>Best Fit</u>	
Band	Age	Percent	<u>of Squares</u>	Disp	ASL
2011 -2020	56.5	86.73	0.00909967	R0.5	145.00

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E371.00-Installns -Cust Prem

Scenario: SDGE Actuarial @ 2020

Placement Band: 1964 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

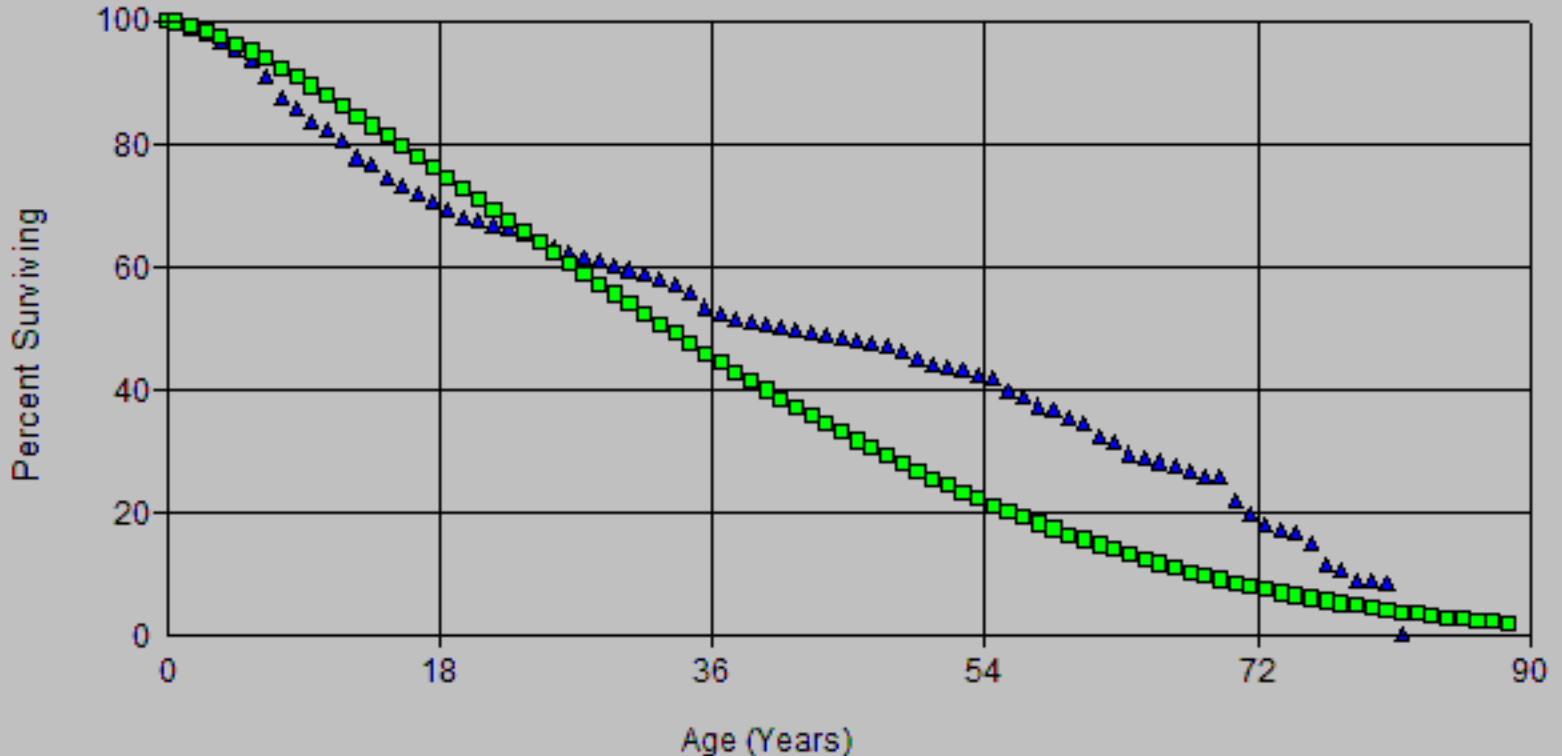
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1967 -2020	56.5	59.75	0.93153470	L0	46.81
1977 -2020	56.5	60.85	0.84893316	L0	48.44
1987 -2020	56.5	71.49	0.32275474	R0.5	58.60
1997 -2020	56.5	75.43	0.15890170	R0.5	69.44
2007 -2020	56.5	81.40	0.04361062	R0.5	95.74
2017 -2020	56.5	90.28	0.00509175	R0.5	213.66

Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 36.00

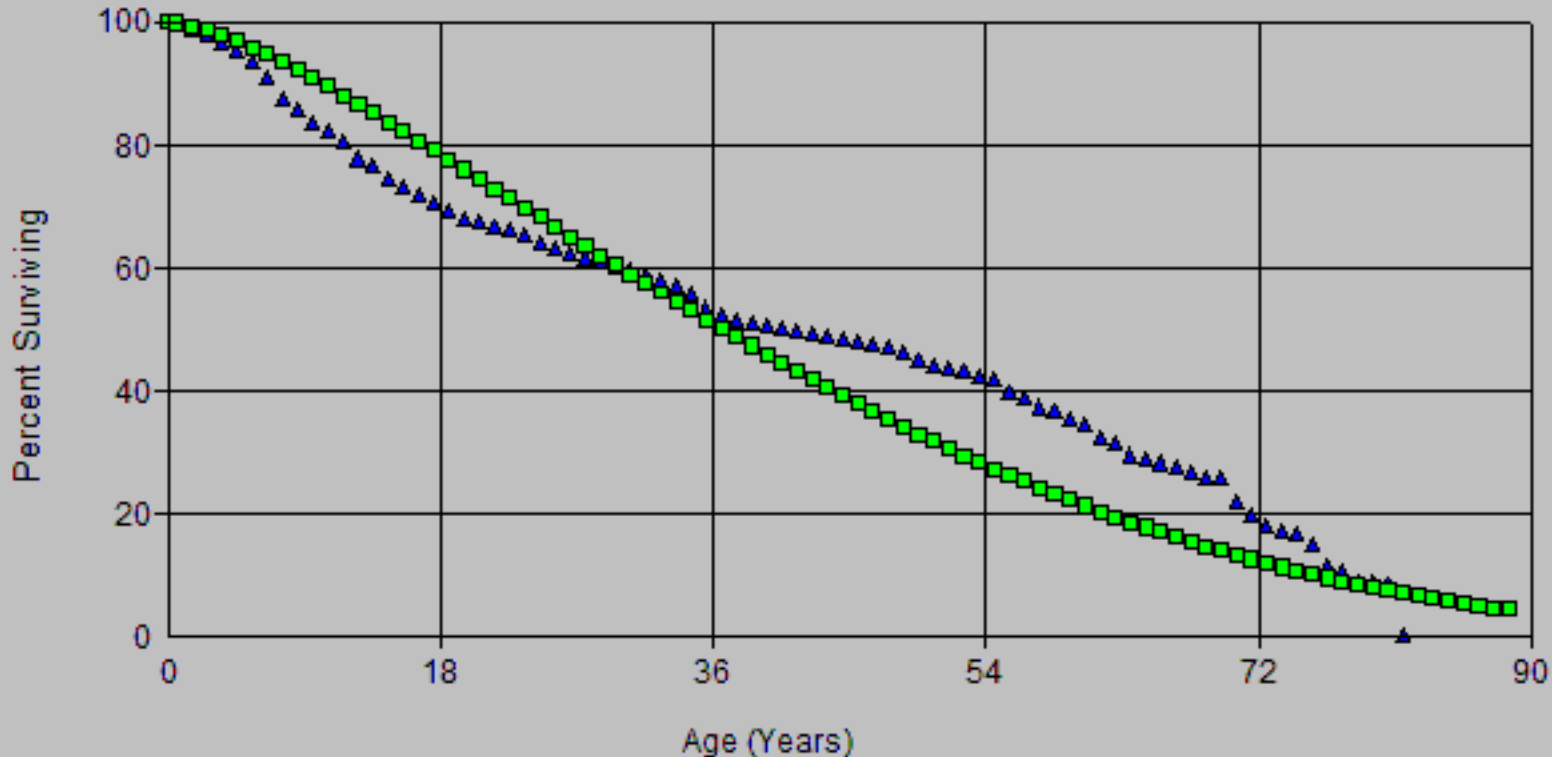


Account: E373.20 St. Lightg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

▲ Actual Data

■ L0 40.00

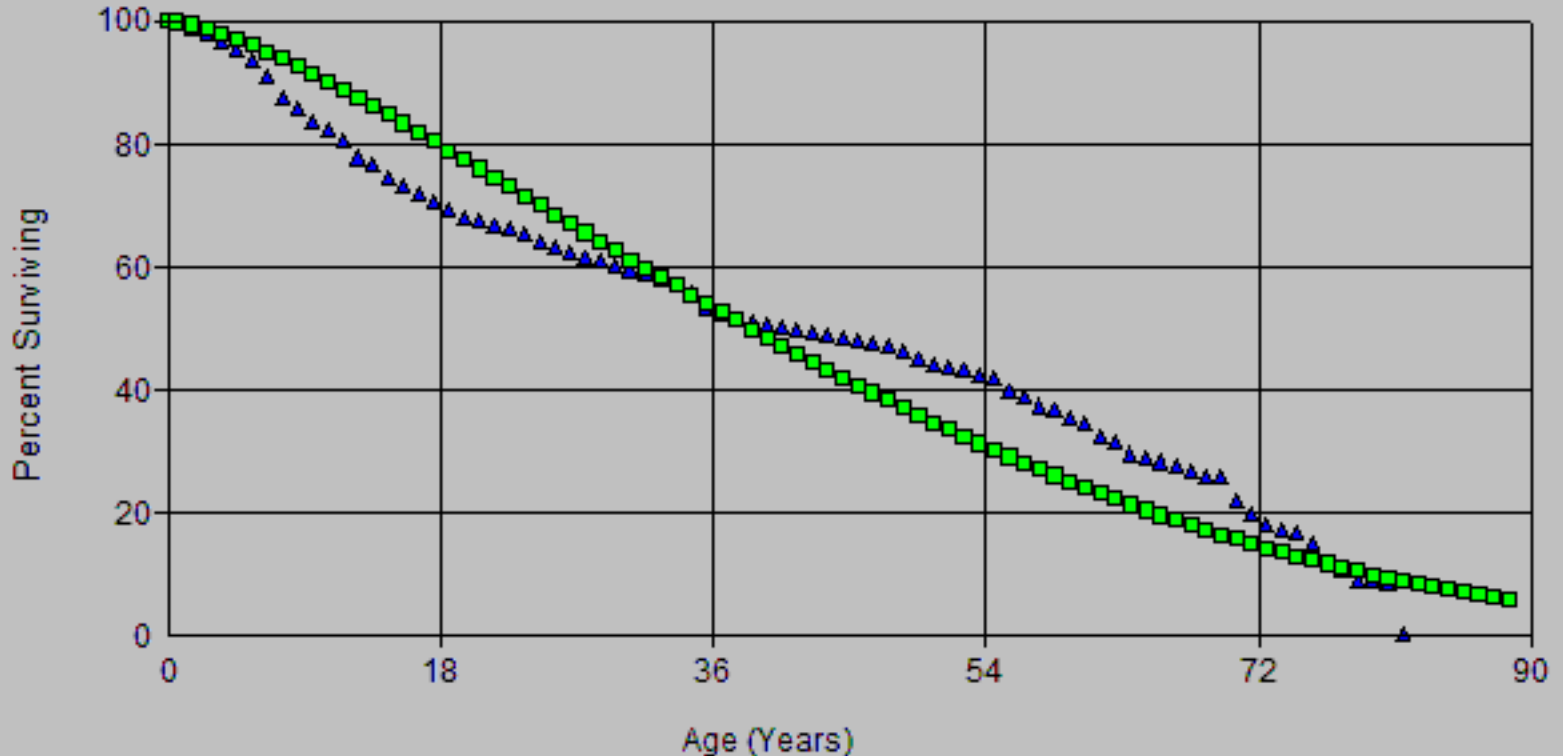


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 42.00

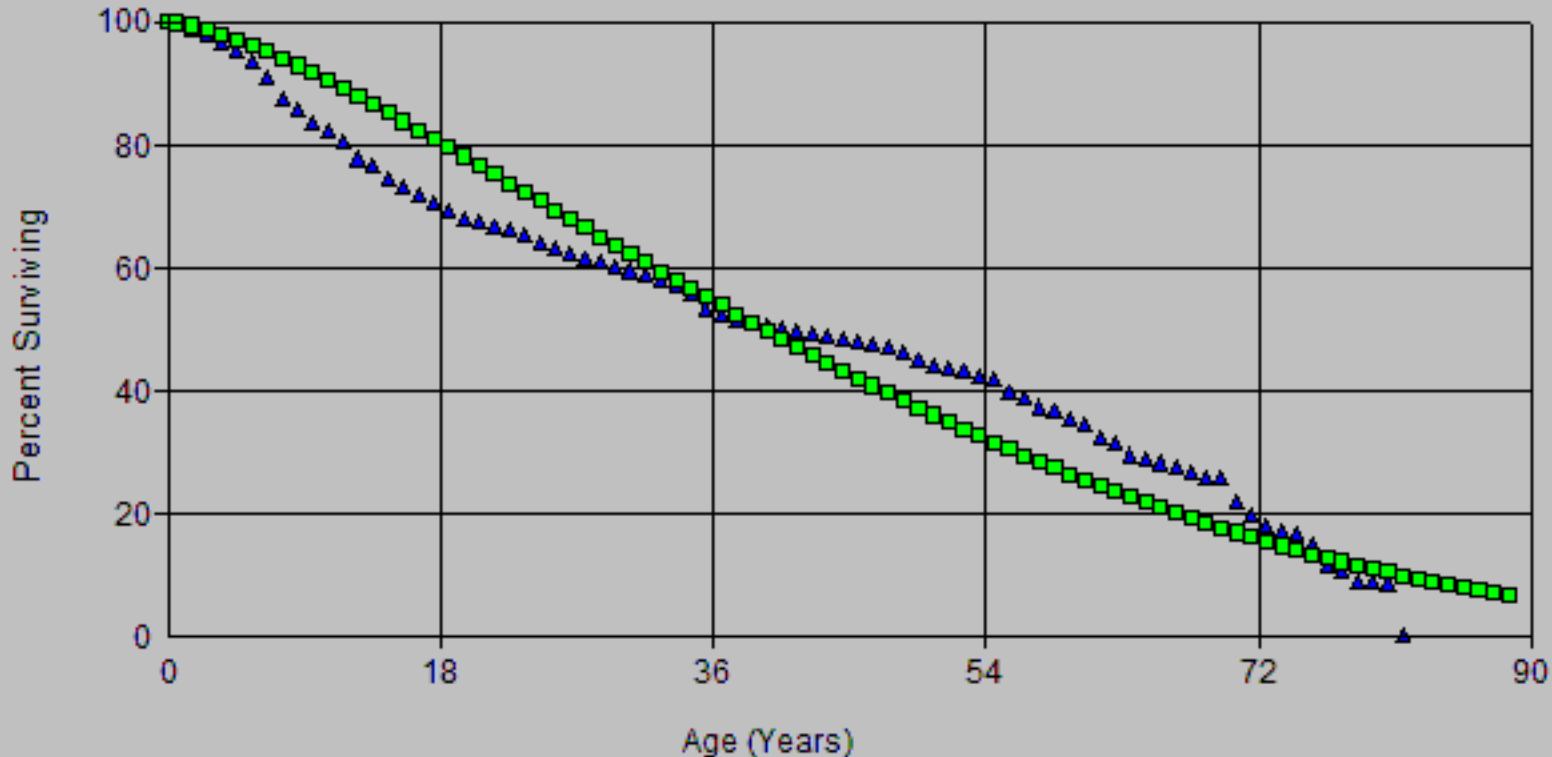


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 43.00

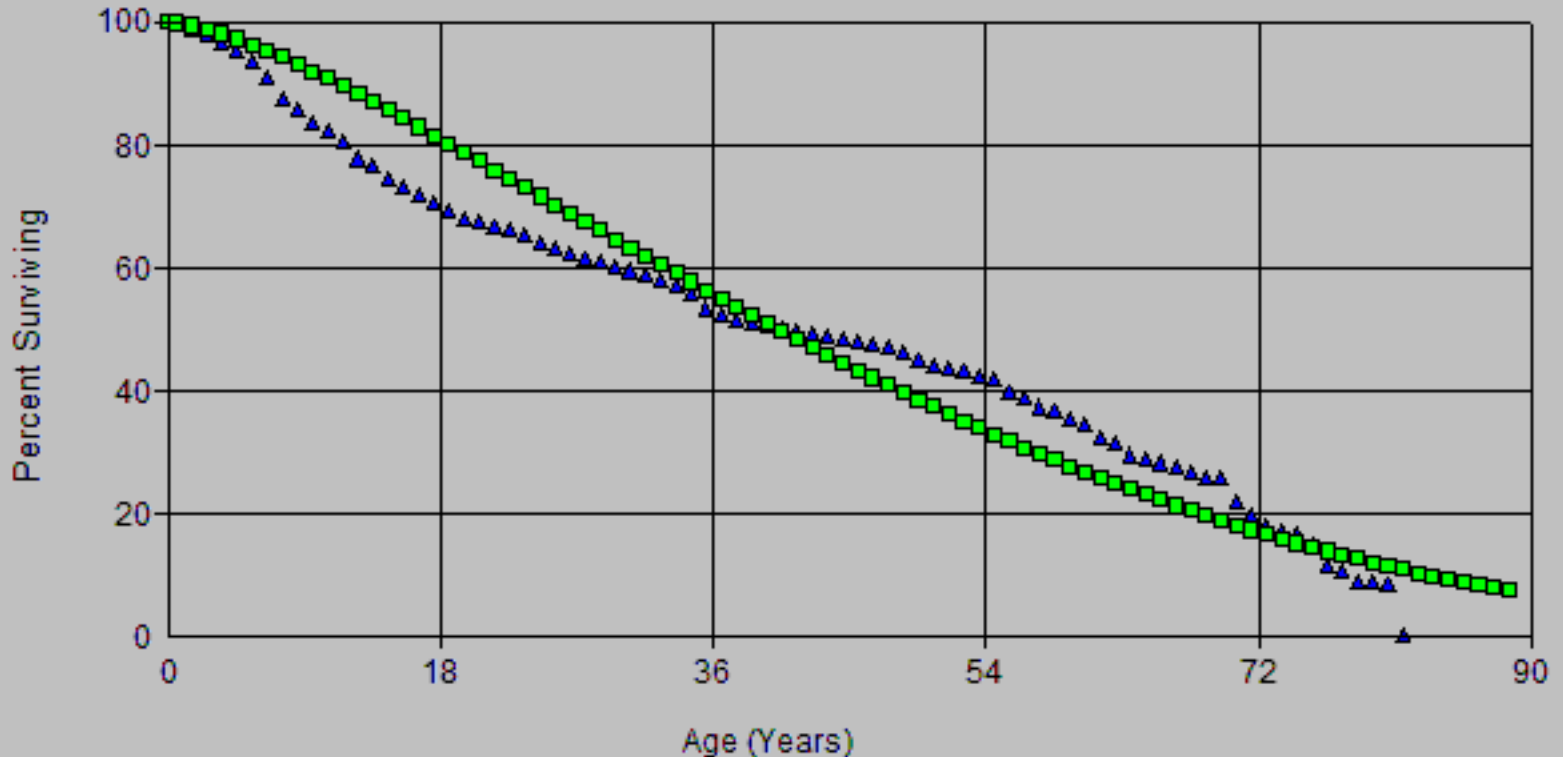


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

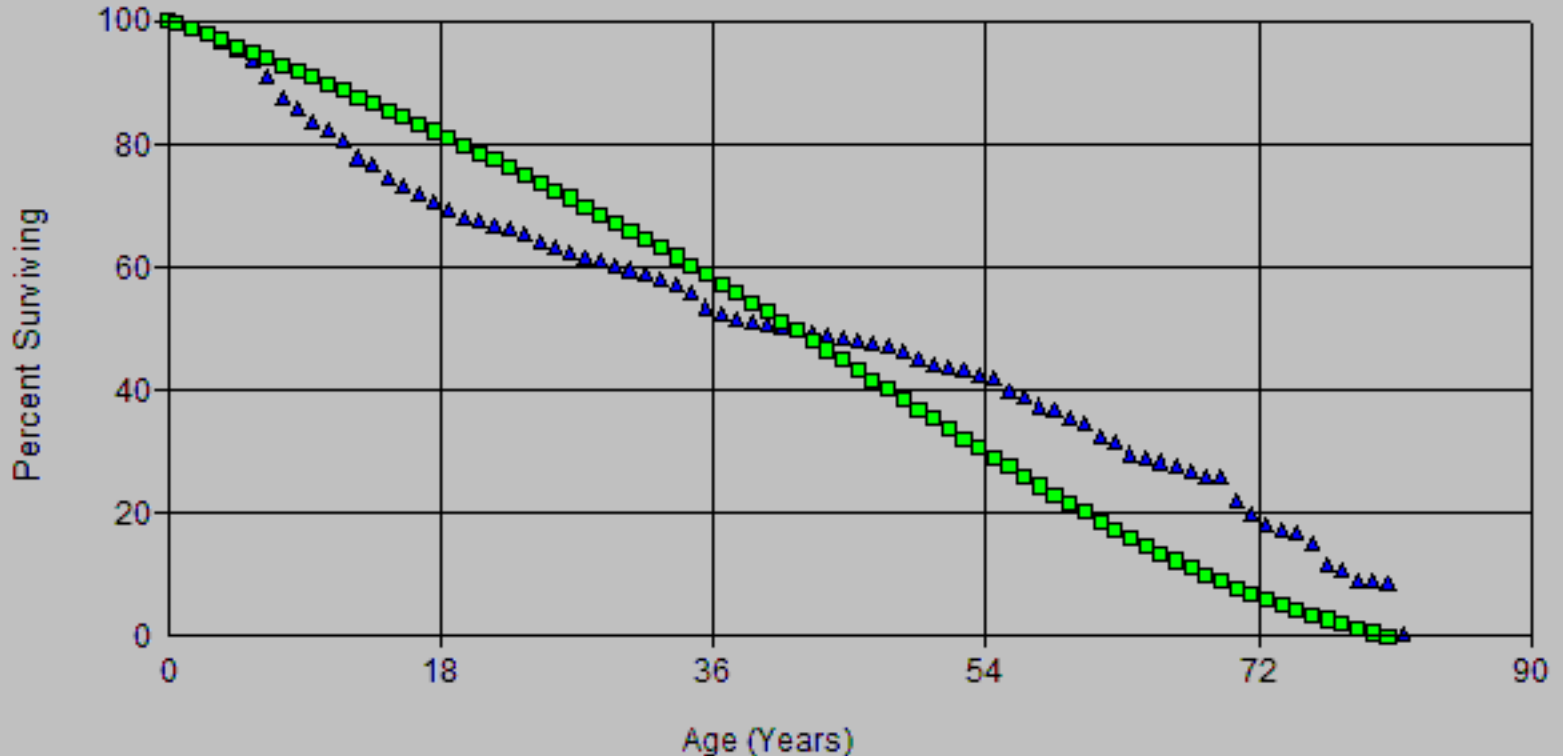
■ L0 44.00



Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data ■ R0.5 40.00

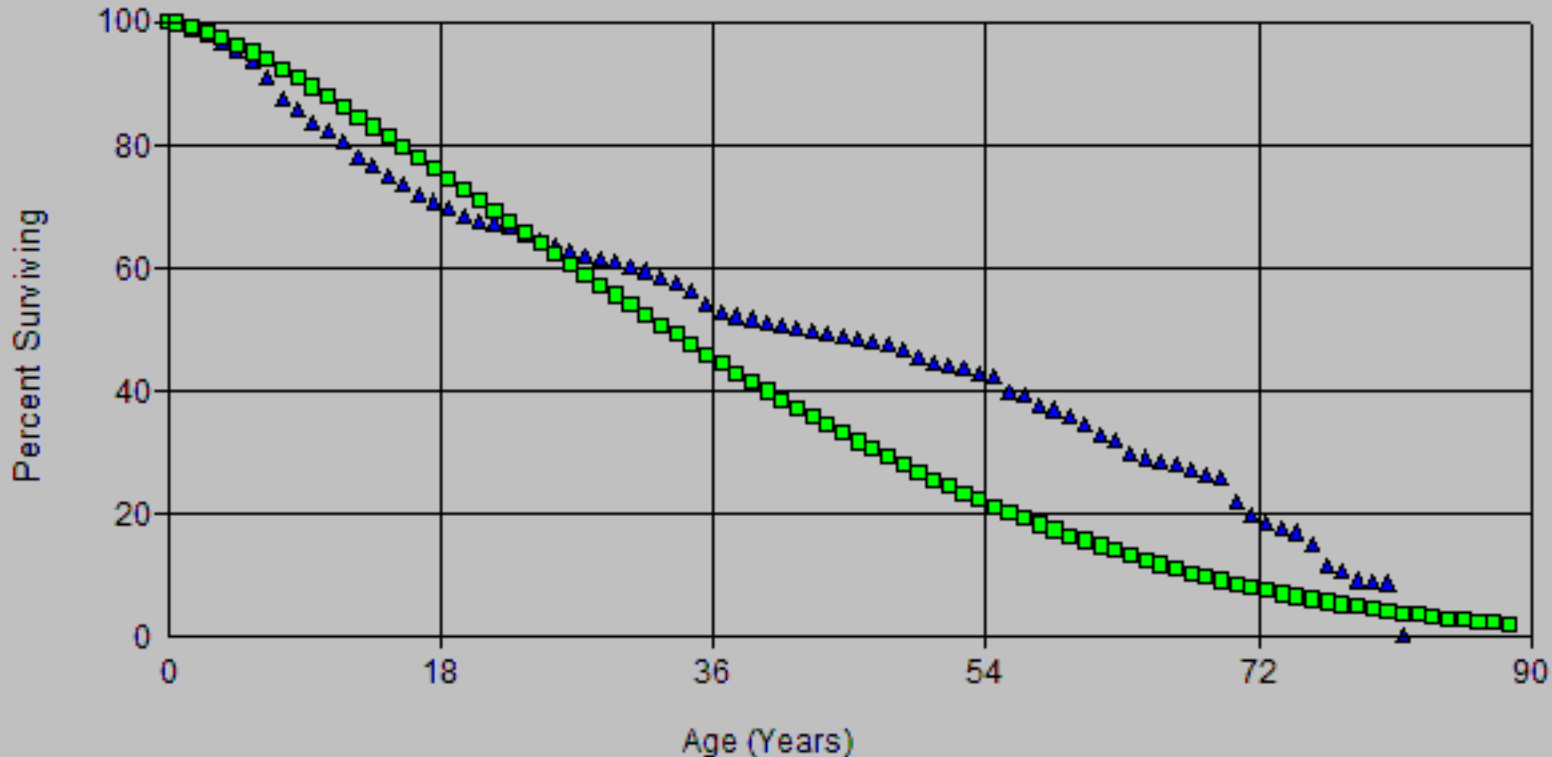


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 36.00

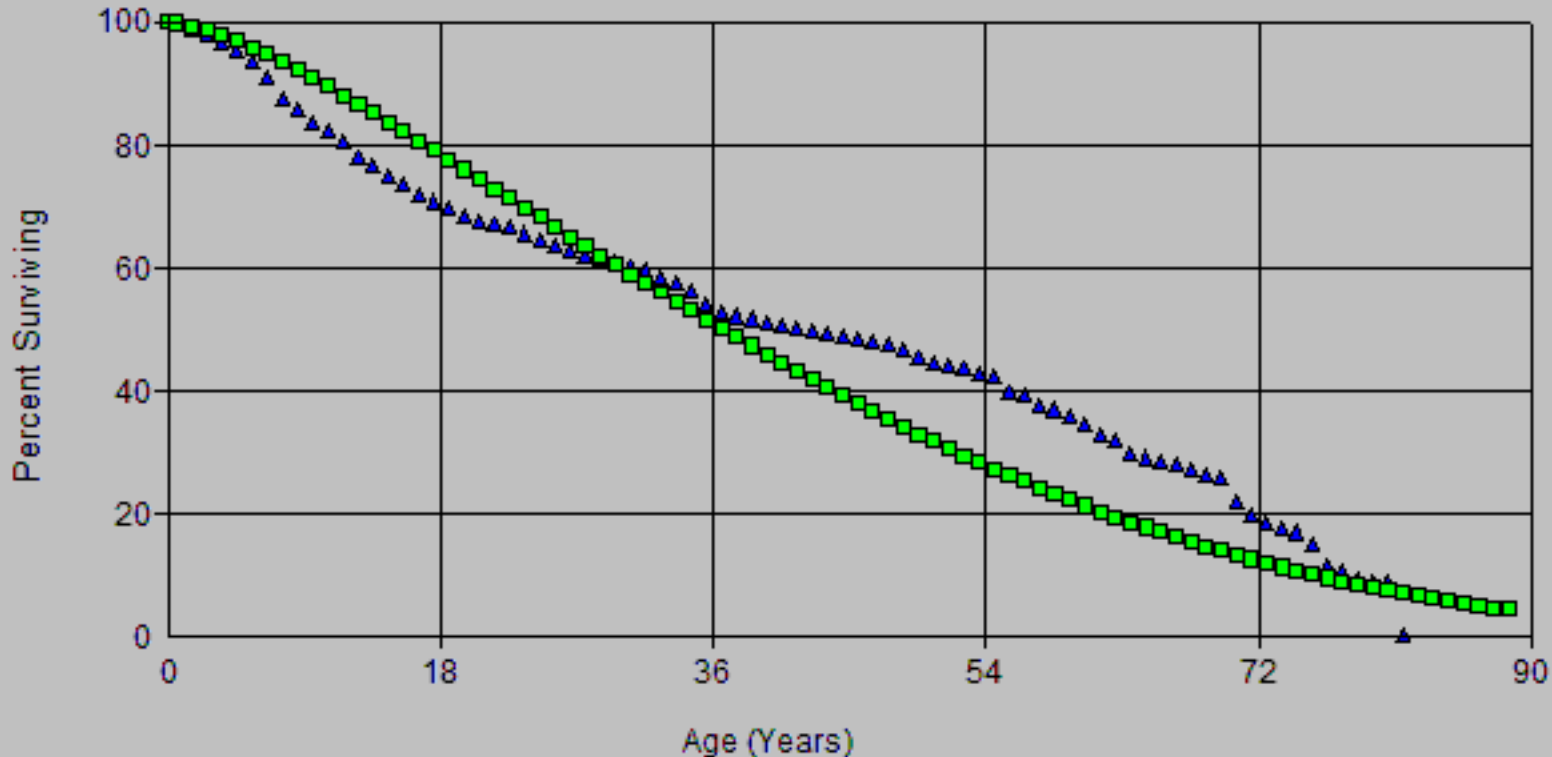


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 40.00

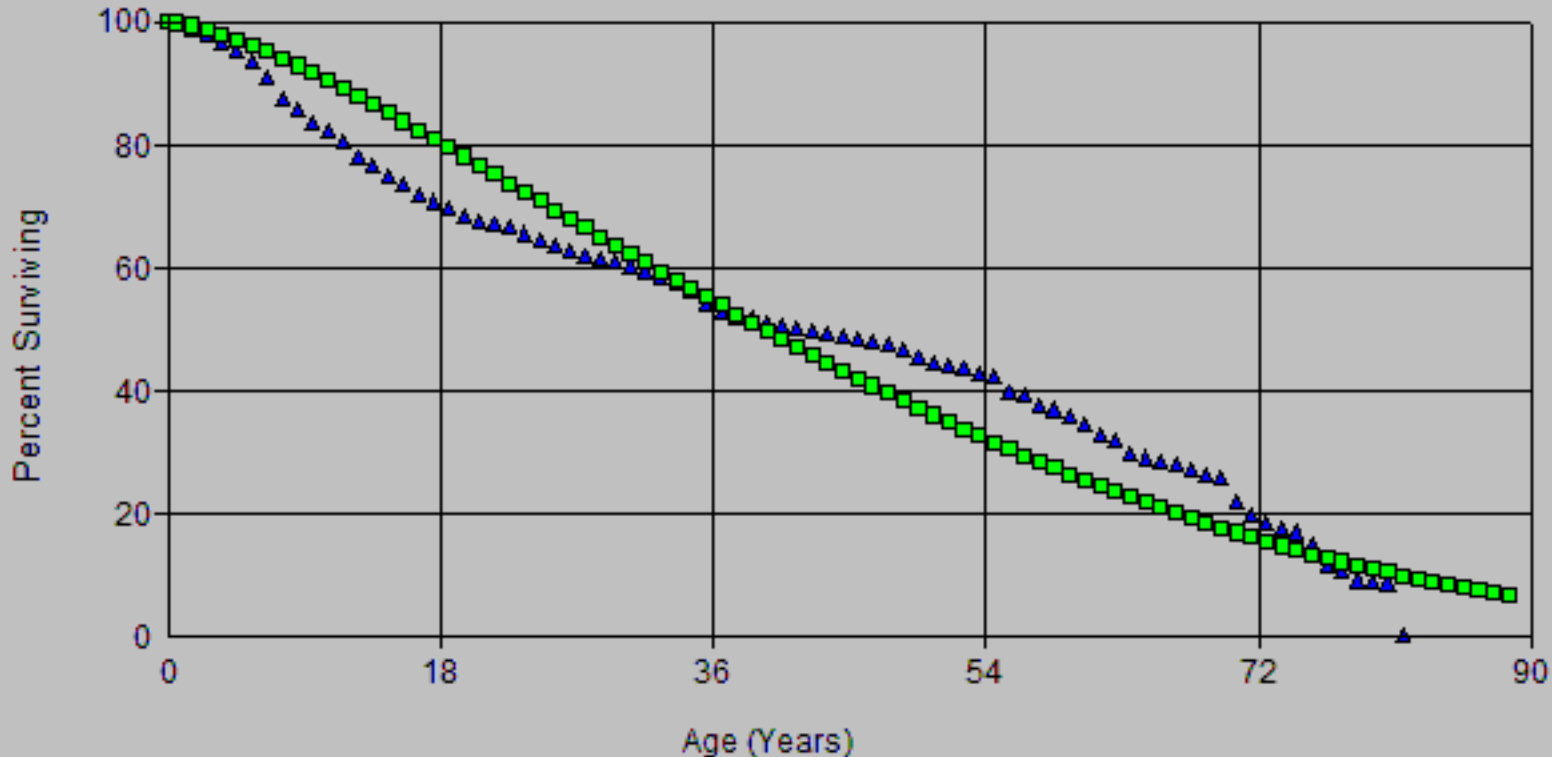


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 43.00

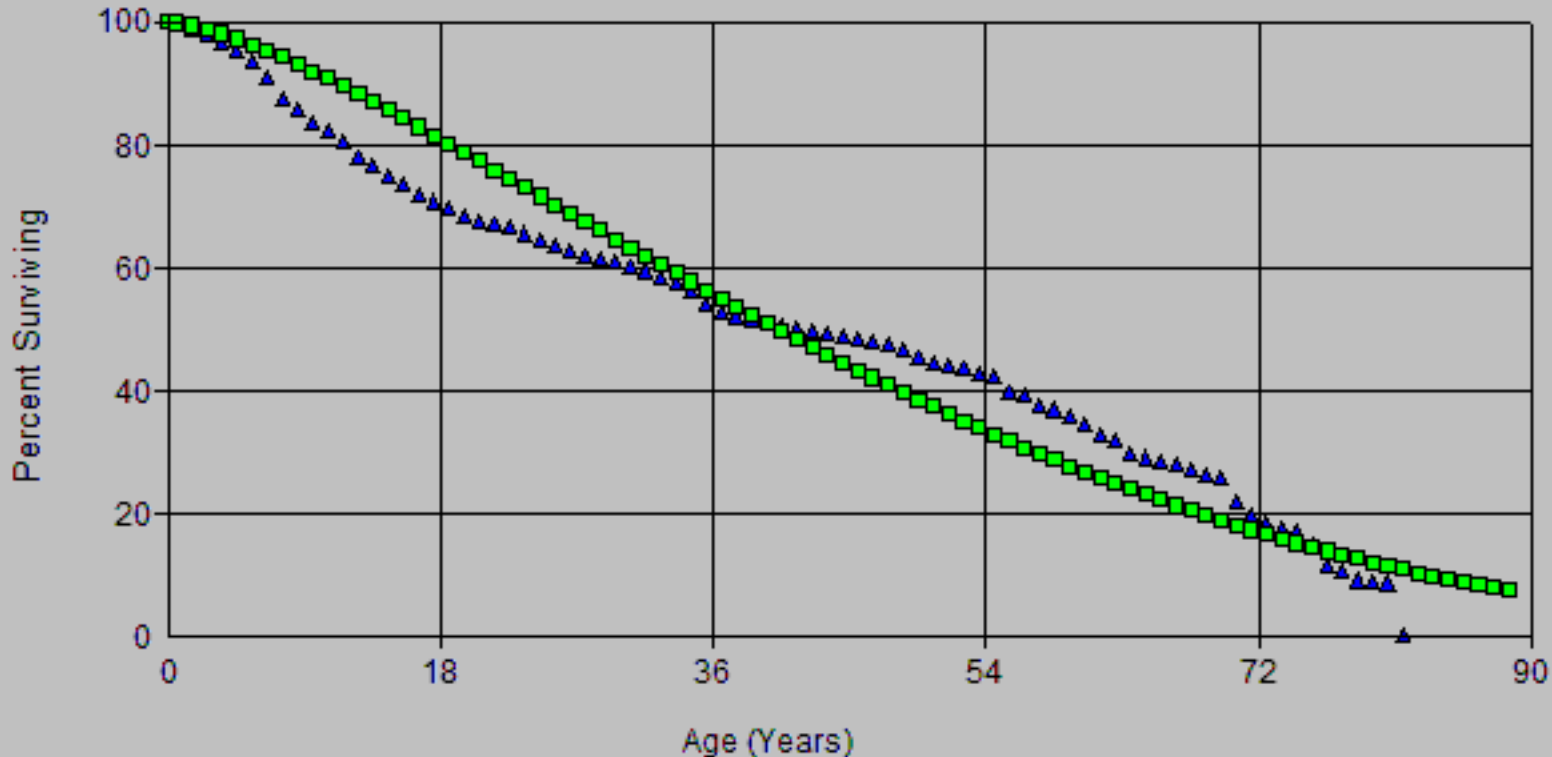


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 44.00

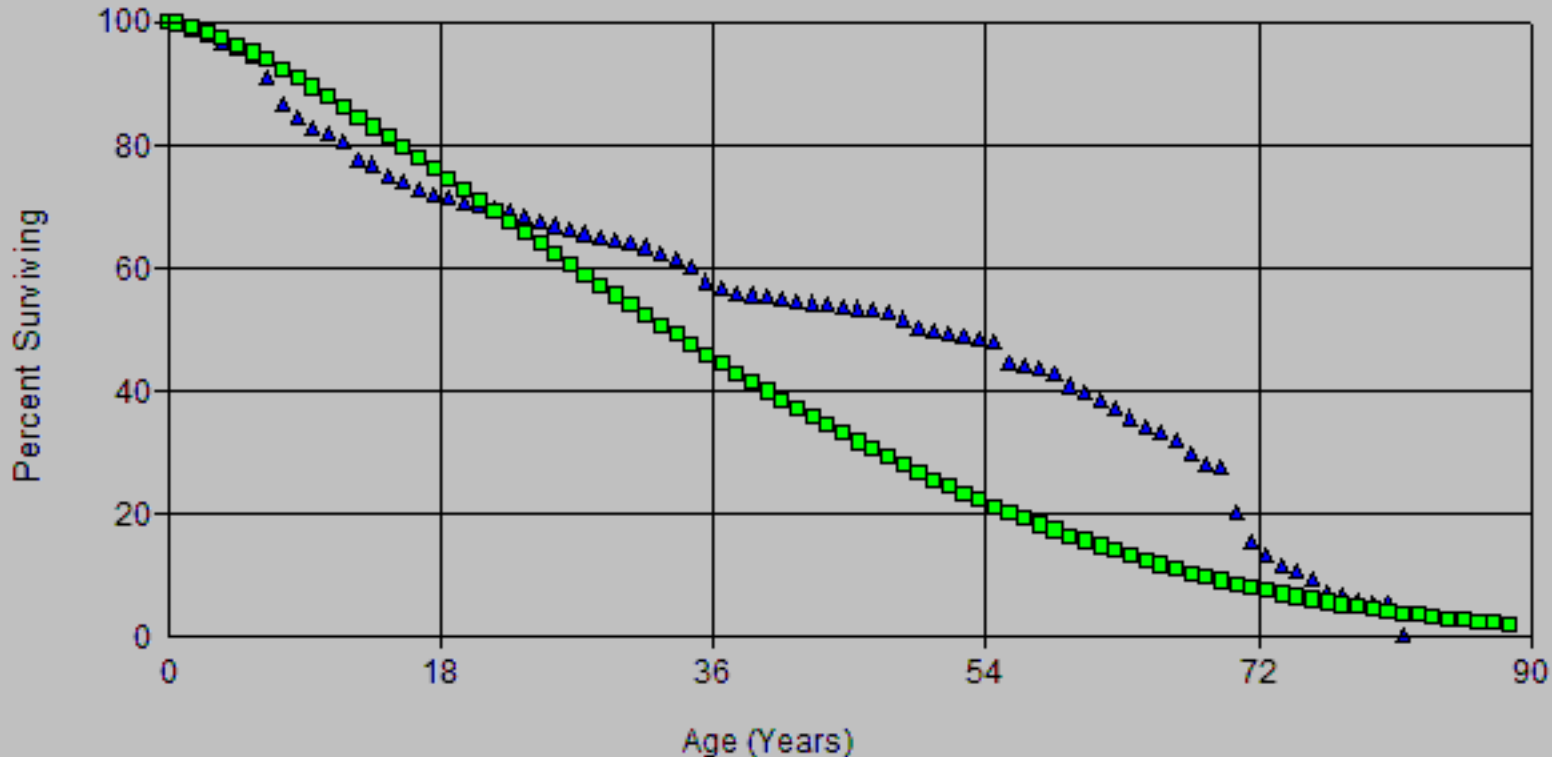


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 36.00

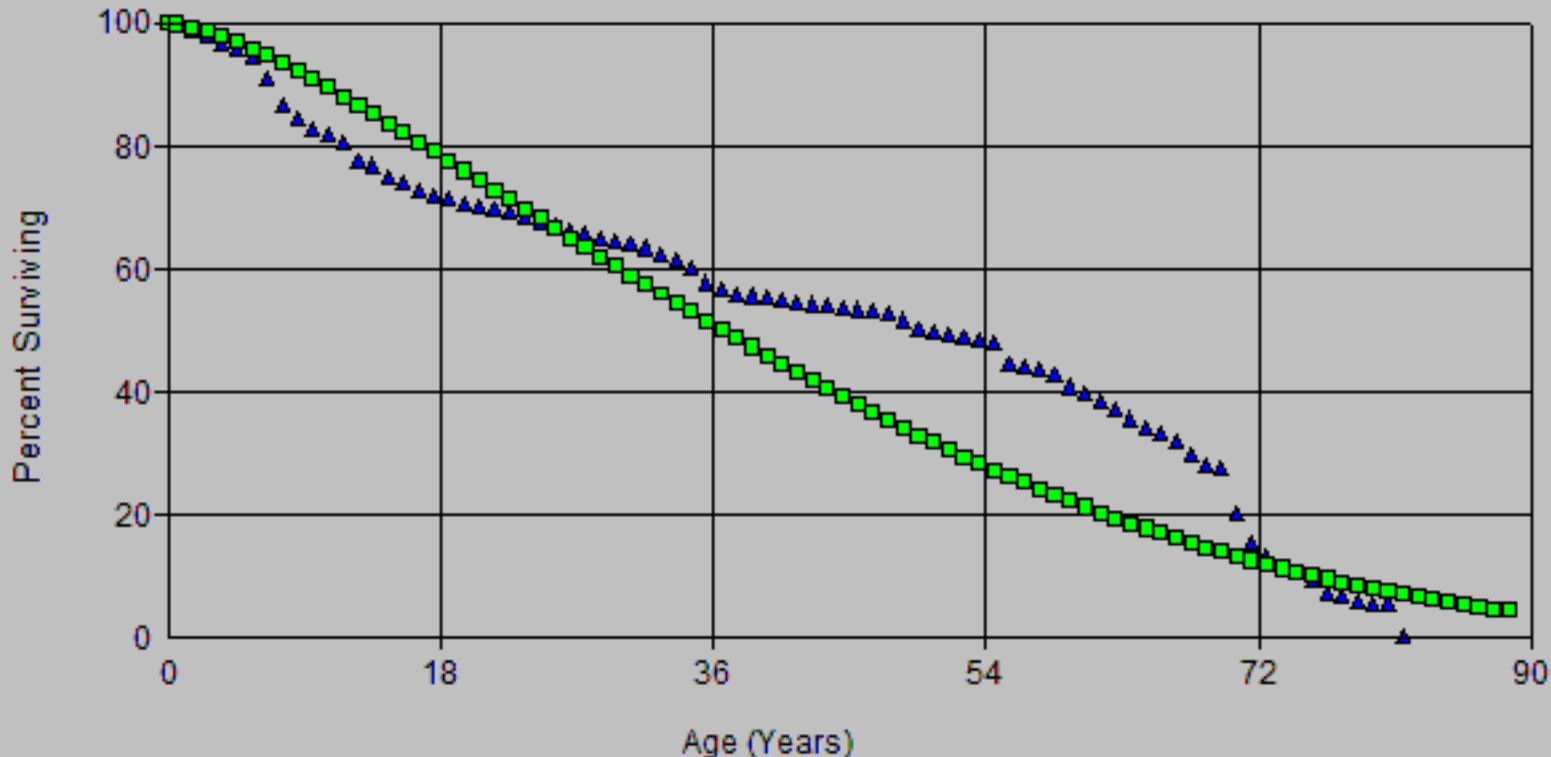


Account: E373.20 St. Lghtg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 40.00

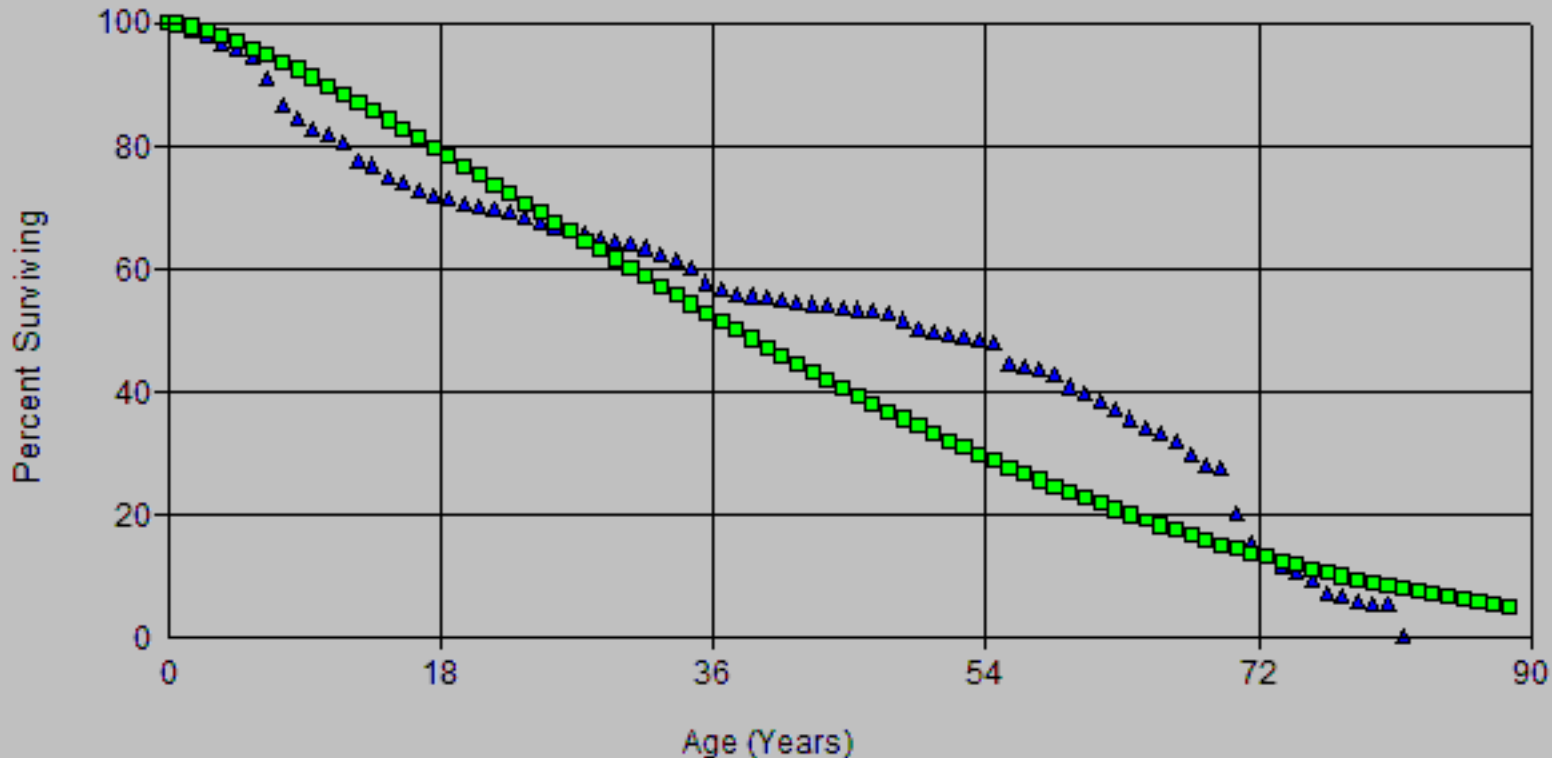


Account: E373.20 St. Lghtg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 41.00

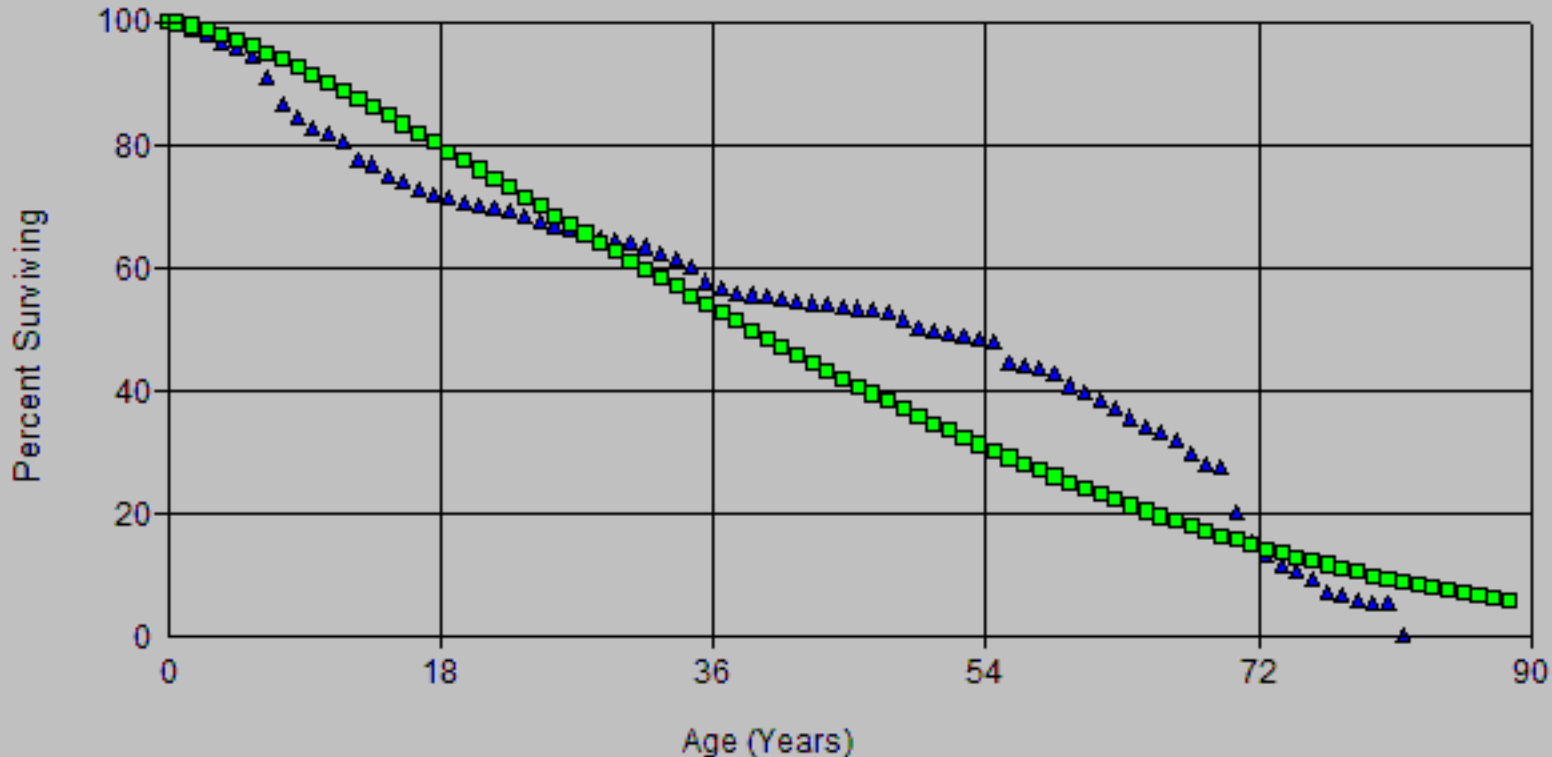


Account: E373.20 St. Lghtg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

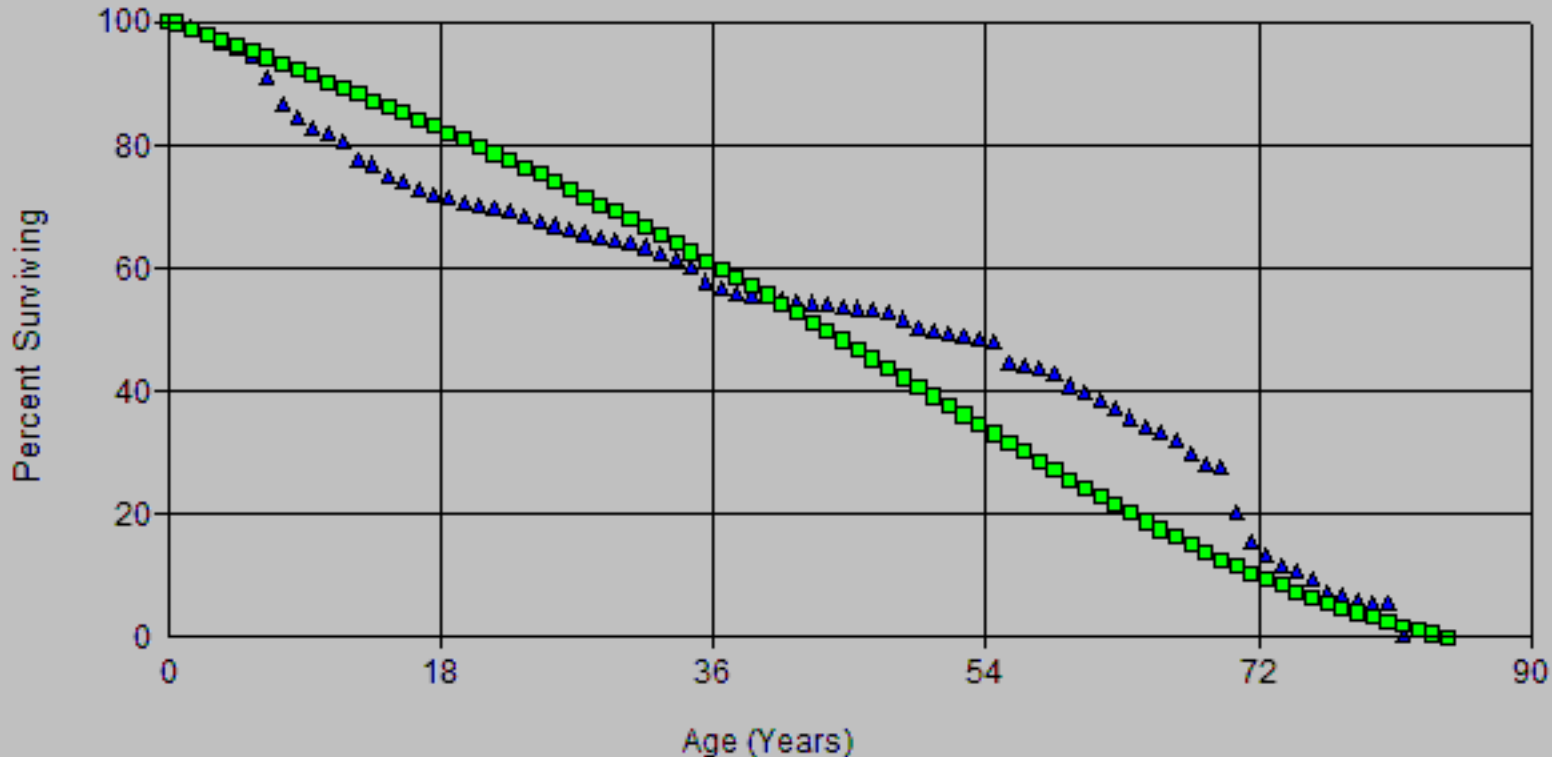
■ L0 42.00



Account: E373.20 St. Lightg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

▲ Actual Data ■ R0.5 42.00

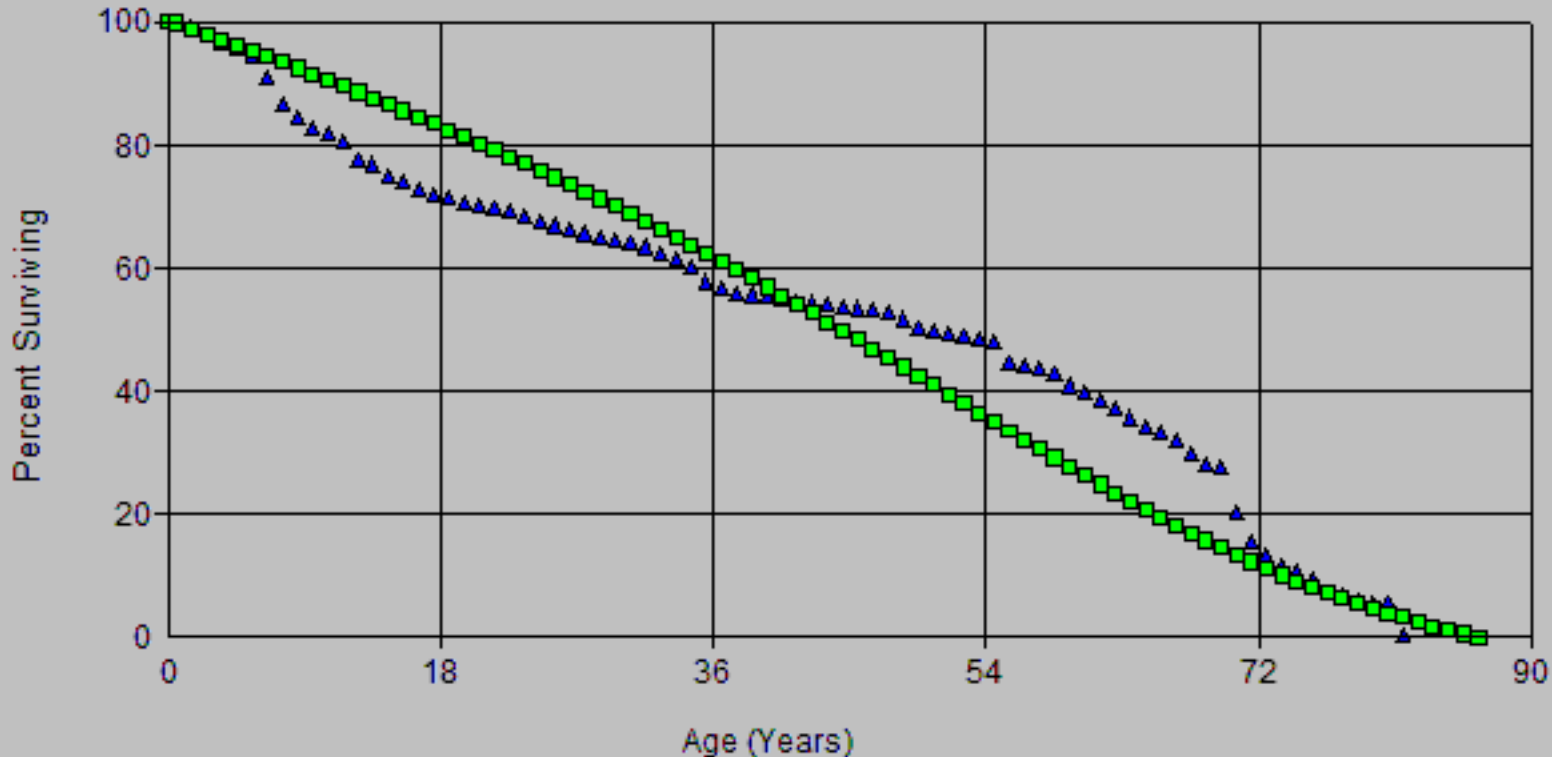


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

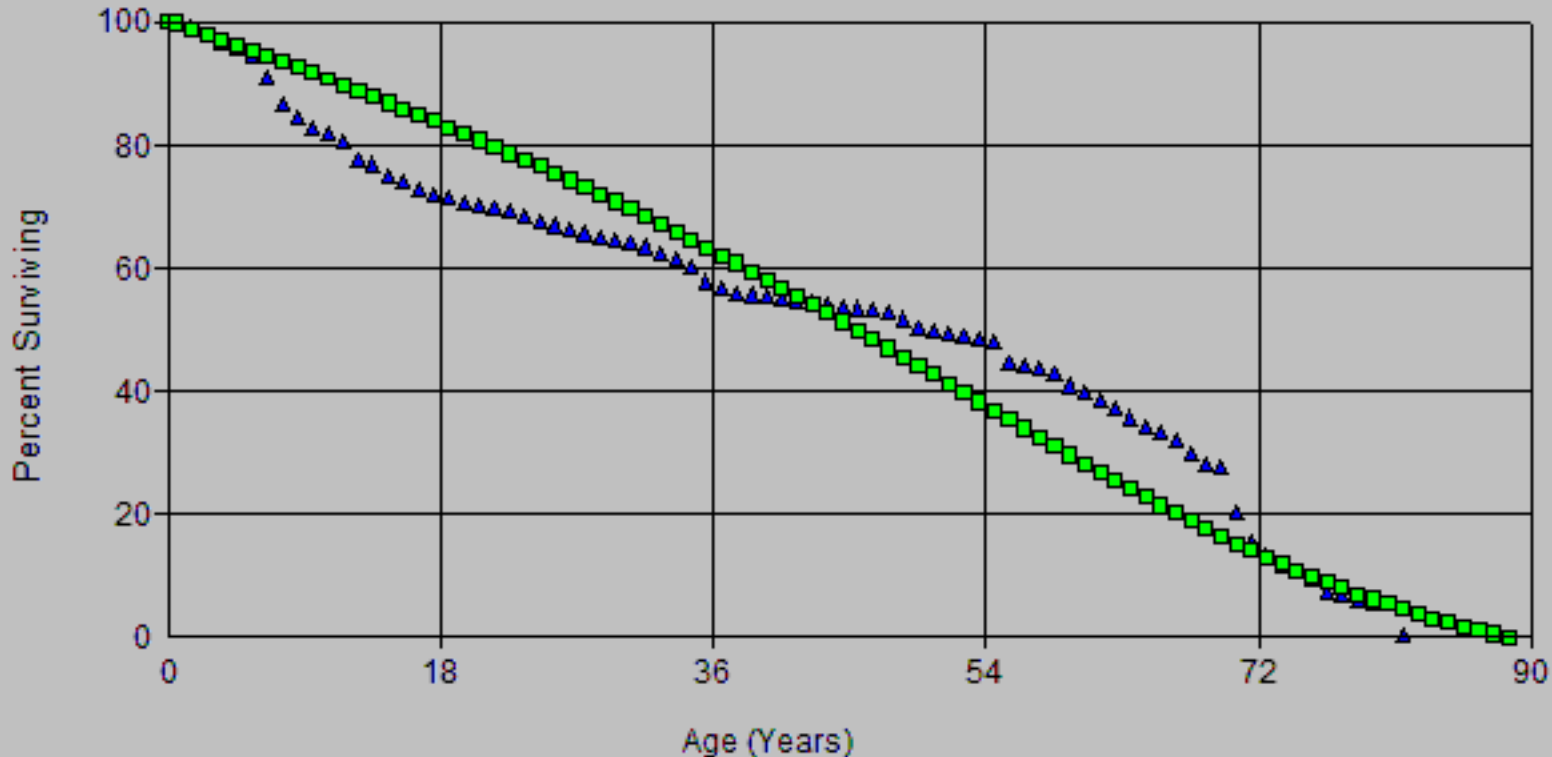
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Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data ■ R0.5 44.00

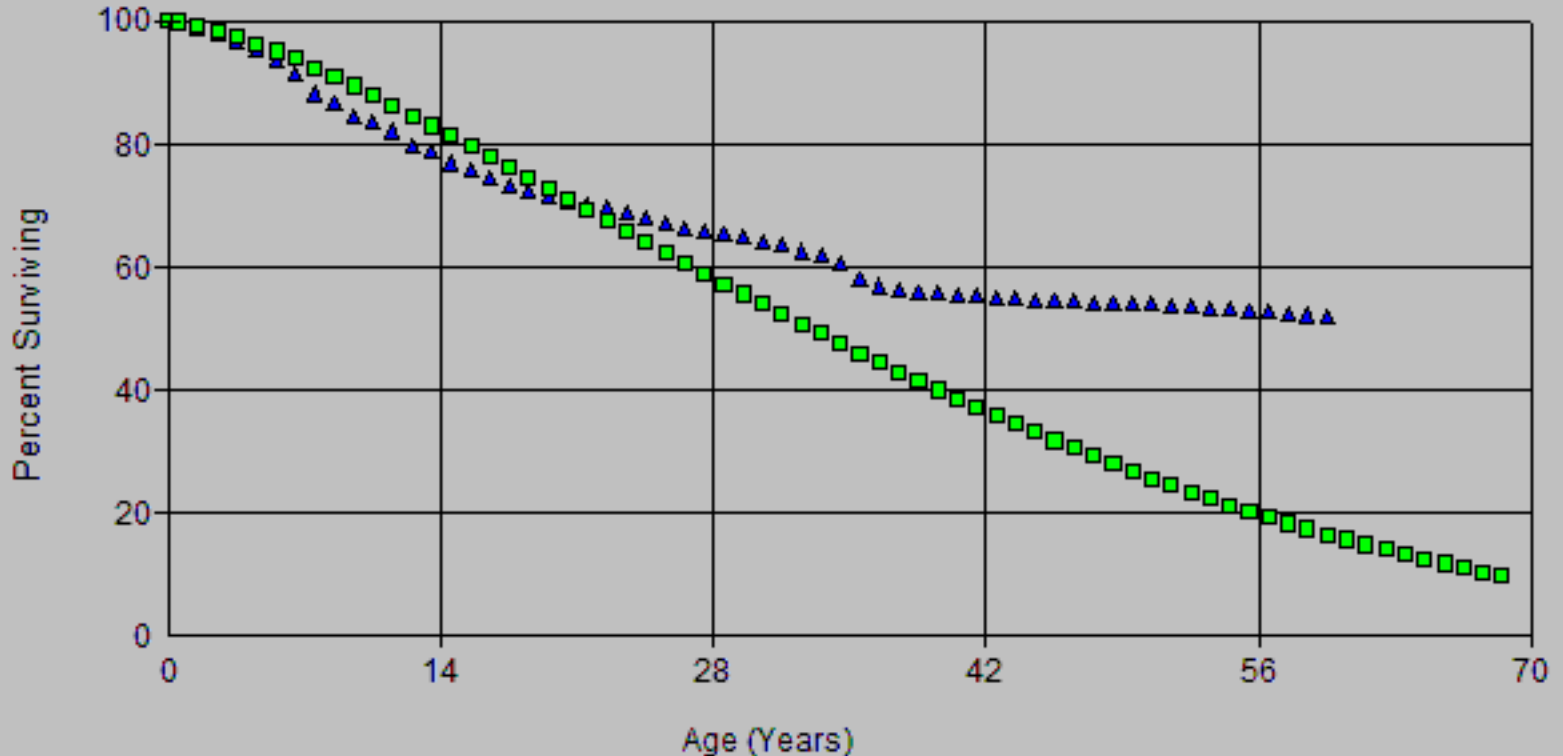


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Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 36.00

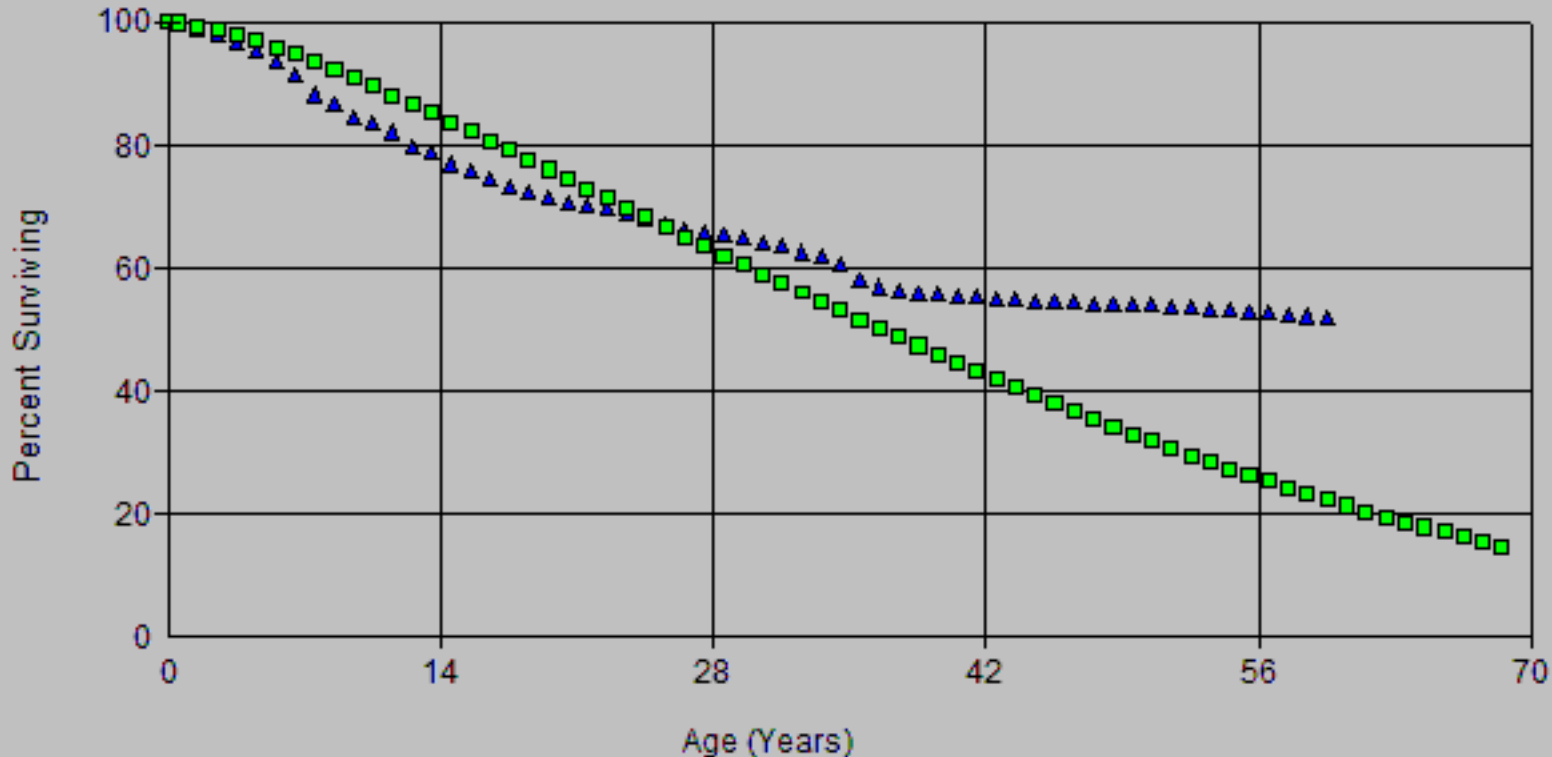


Account: E373.20 St. Lghtg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 40.00

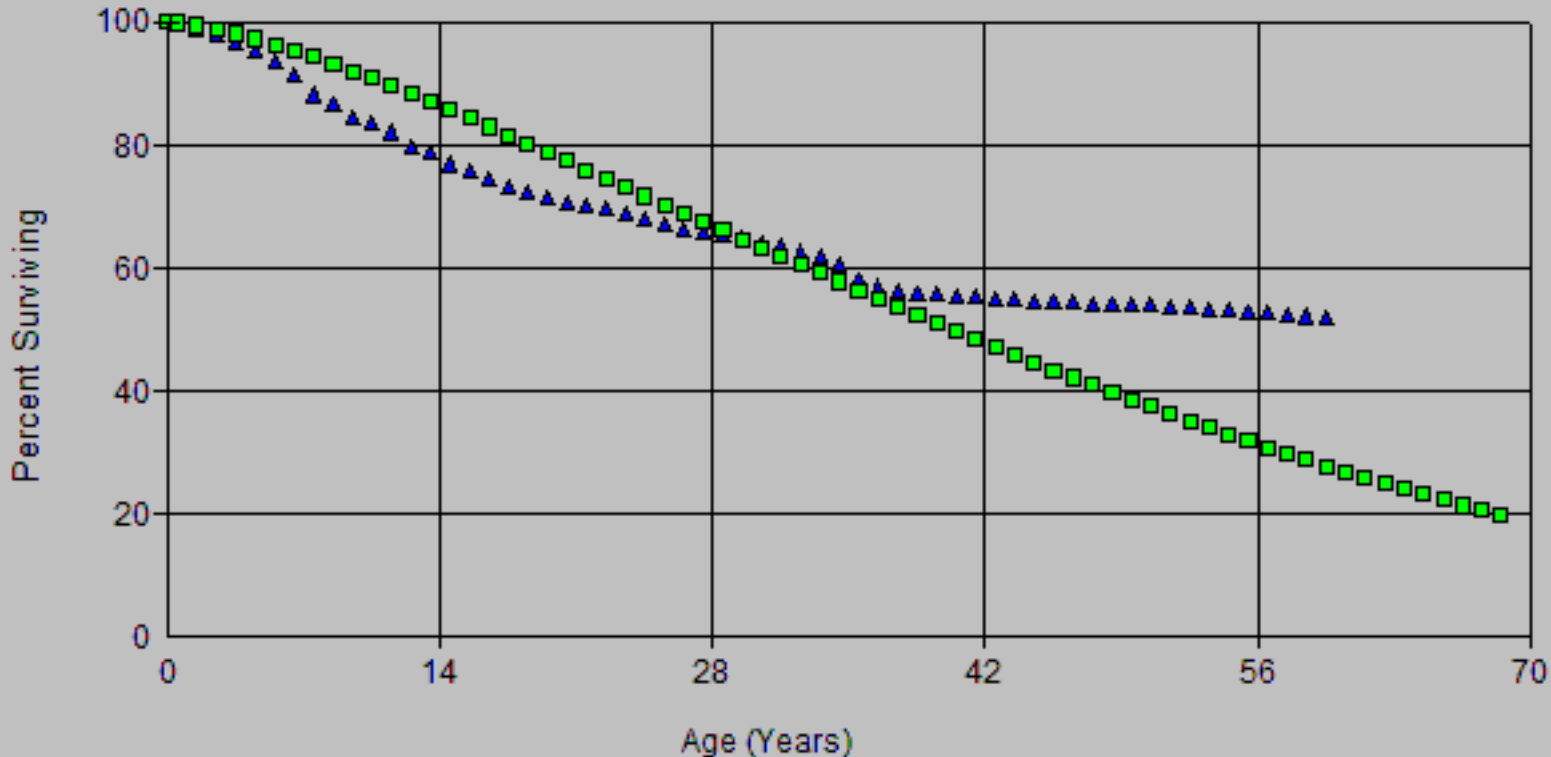


Account: E373.20 St. Lightg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

▲ Actual Data

■ L0 44.00

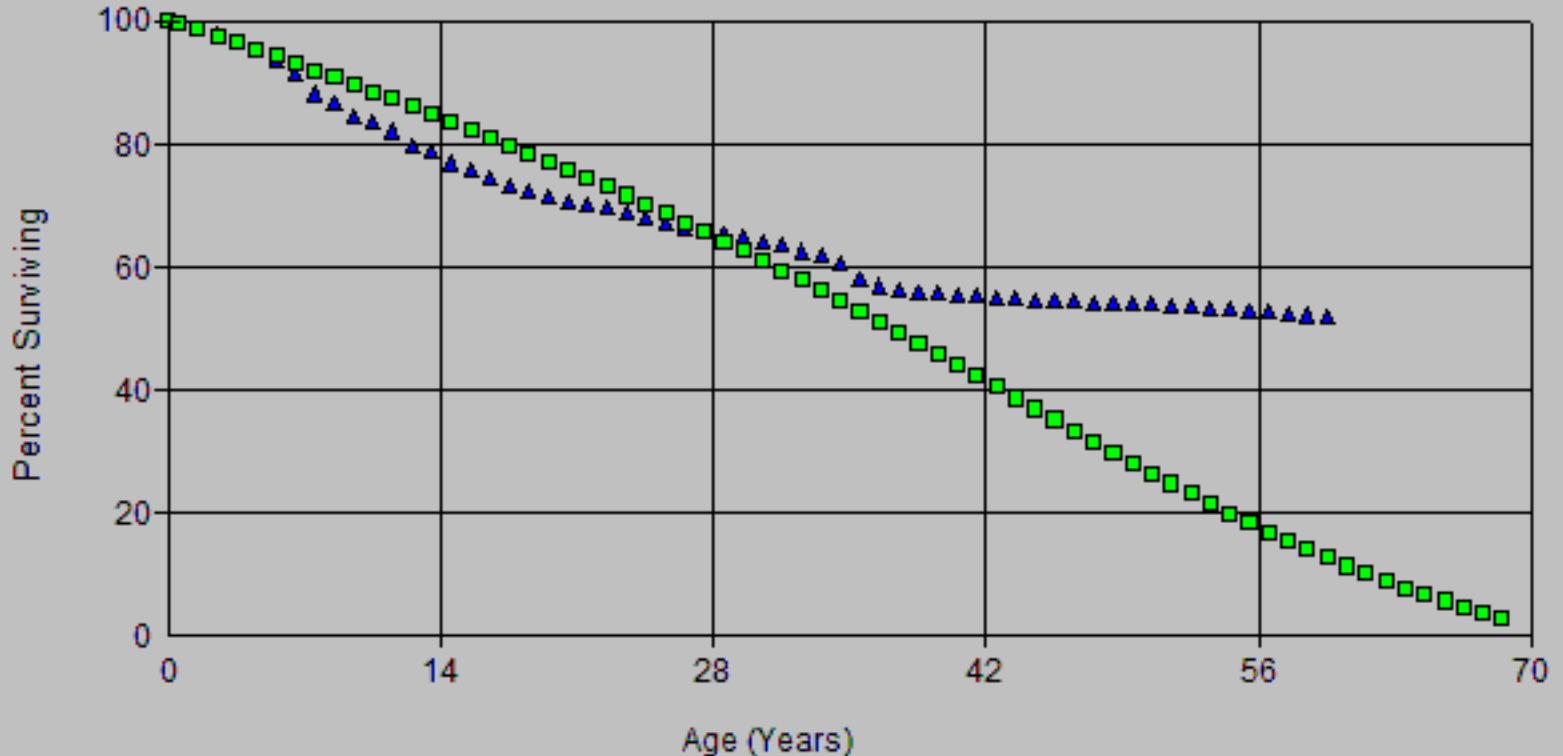


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ R0.5 36.00

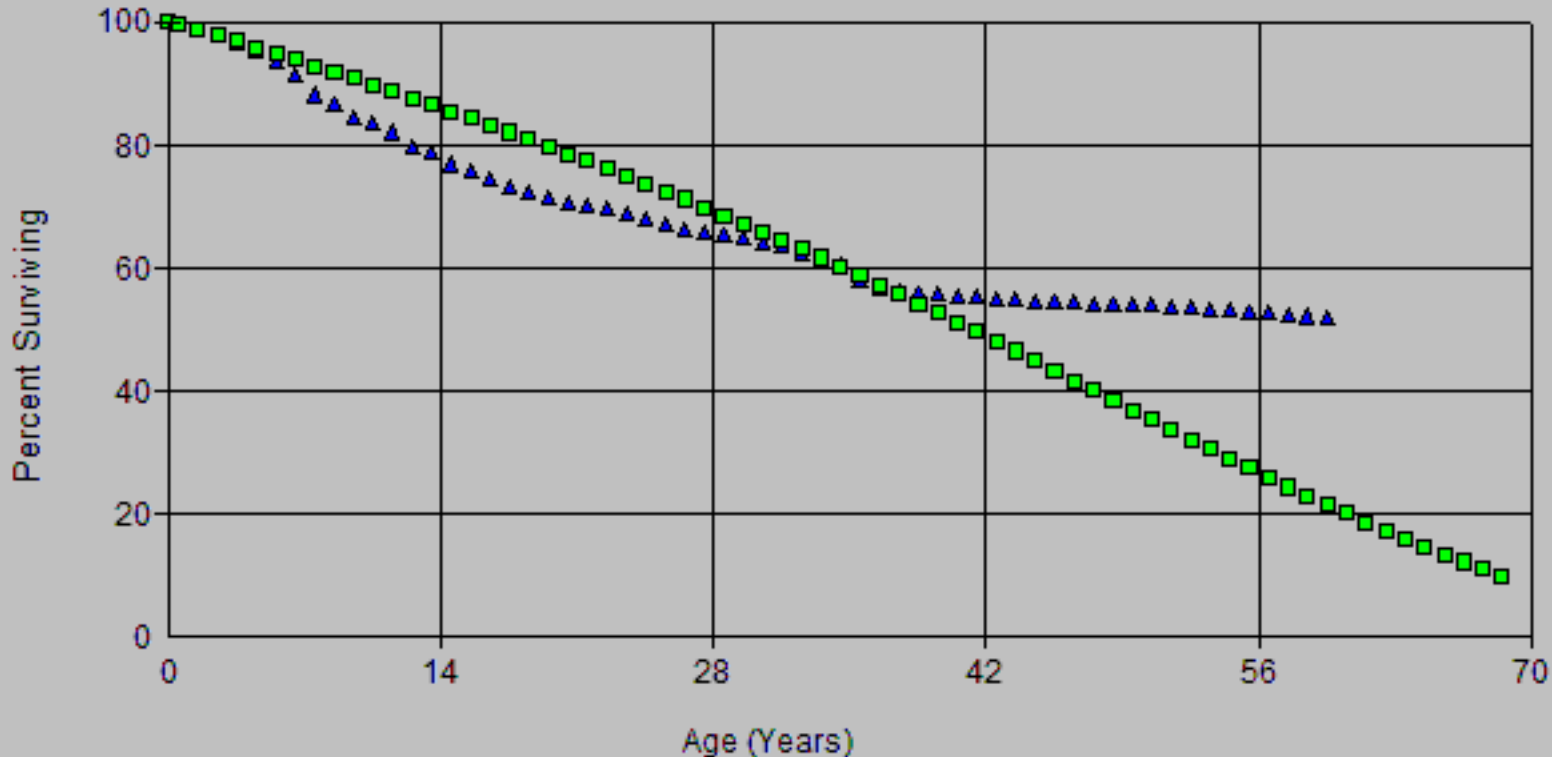


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ R0.5 40.00

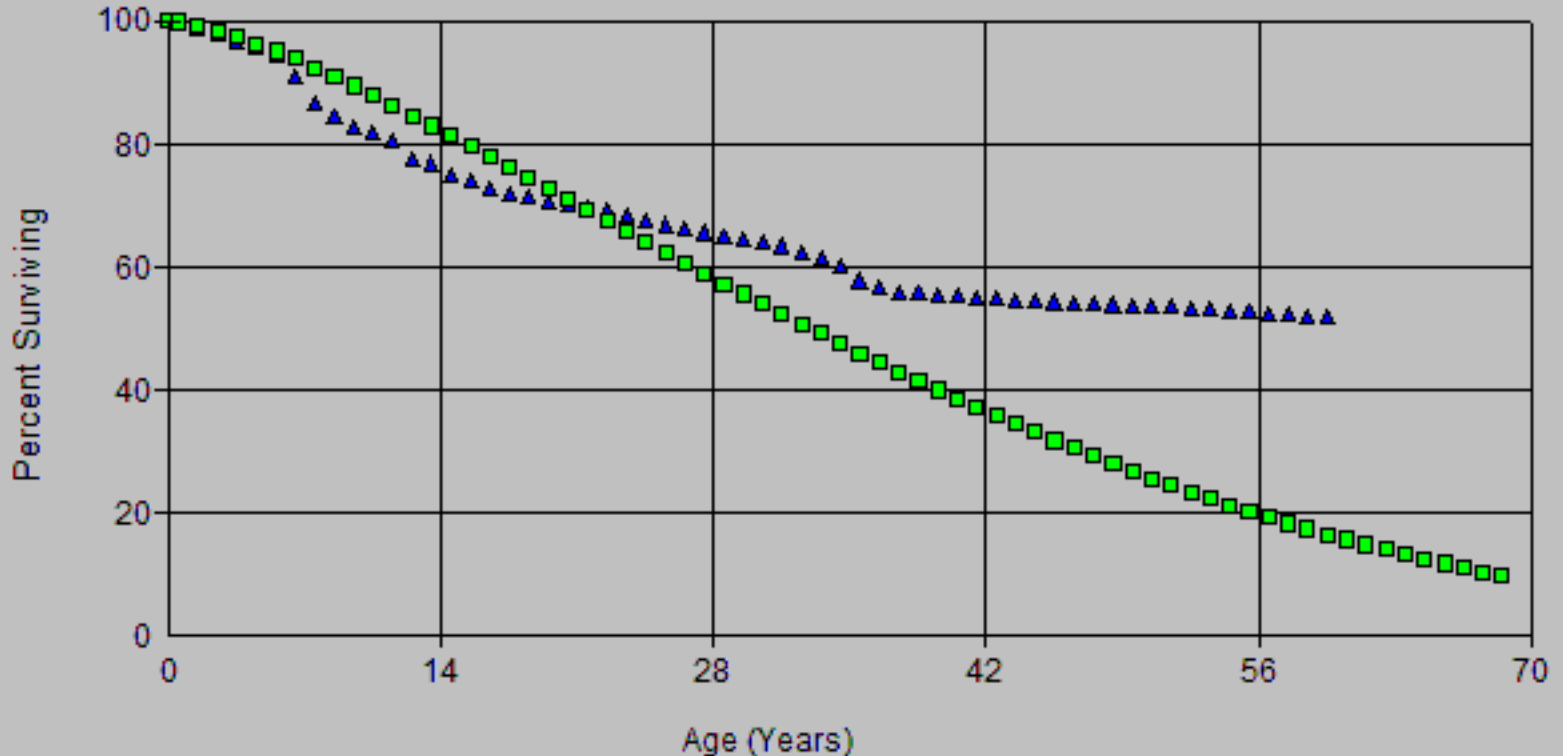


Account: E373.20 St. Lghtg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

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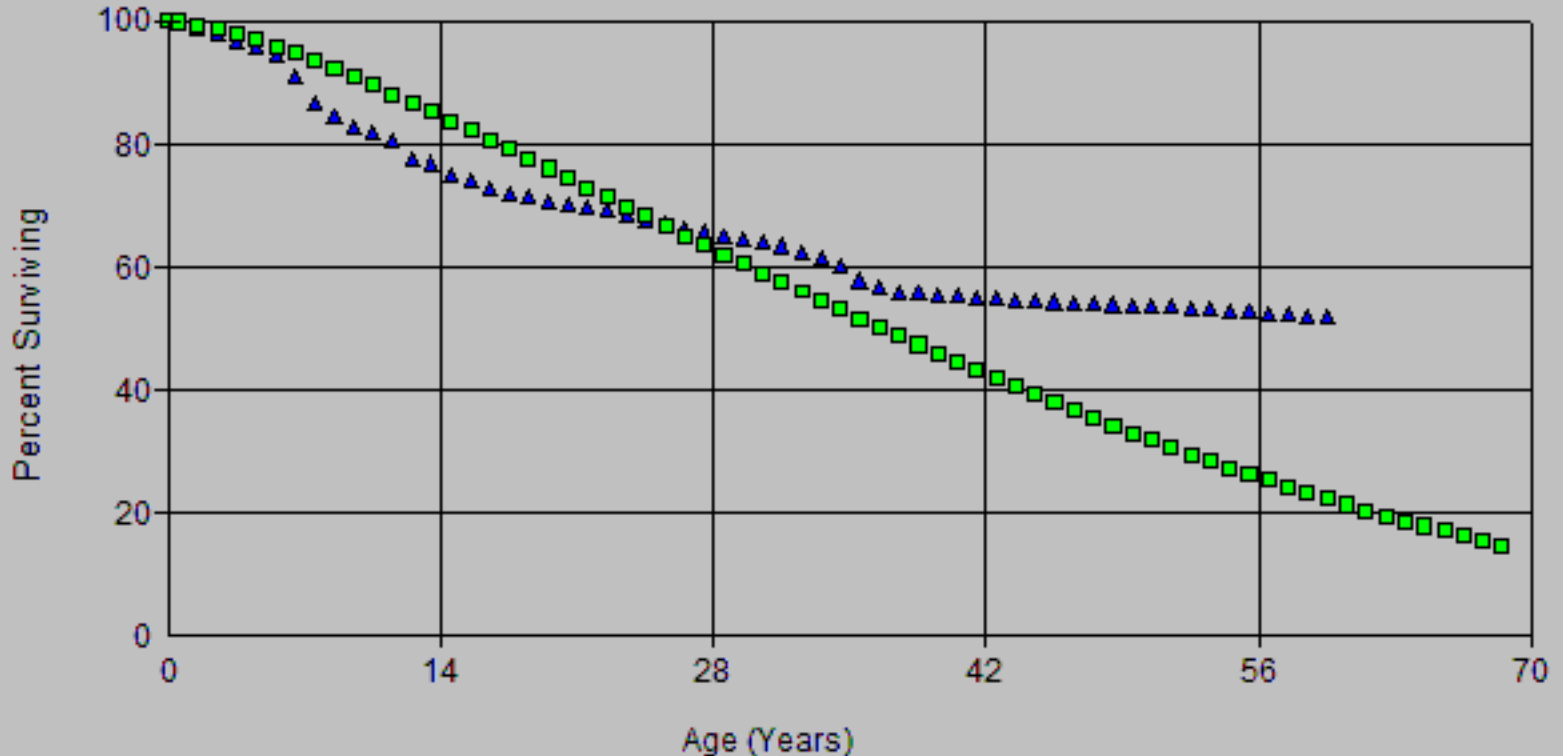


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

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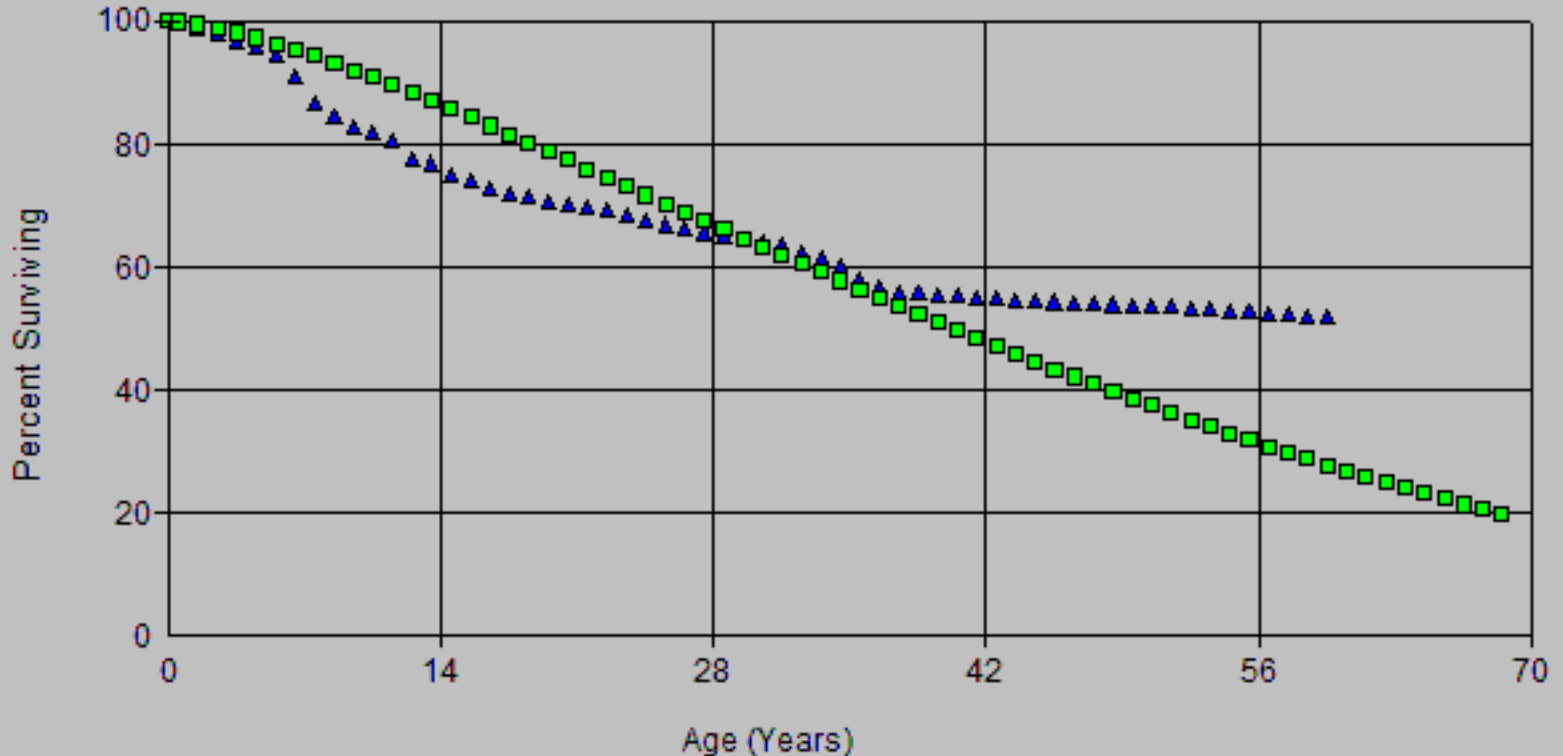


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Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

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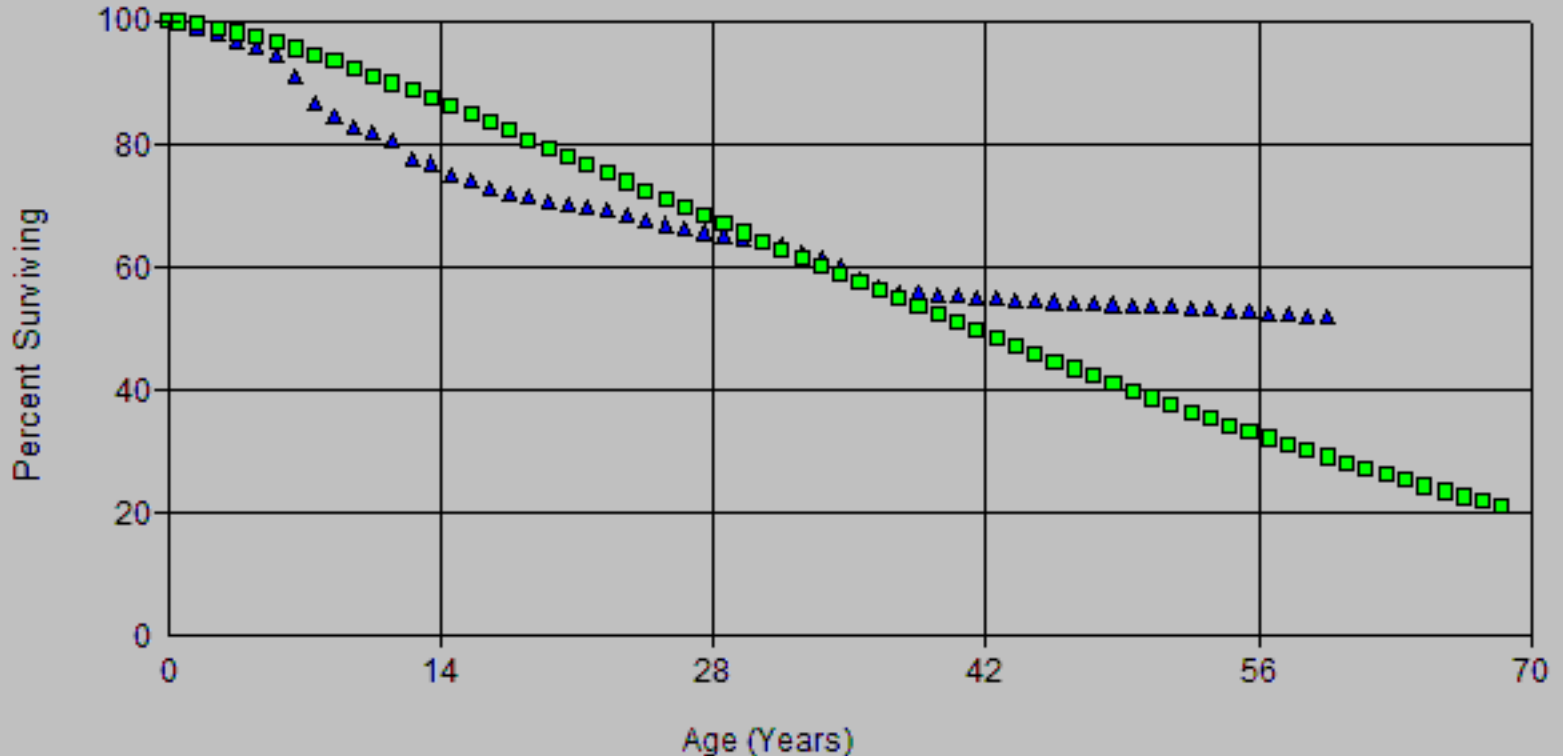


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

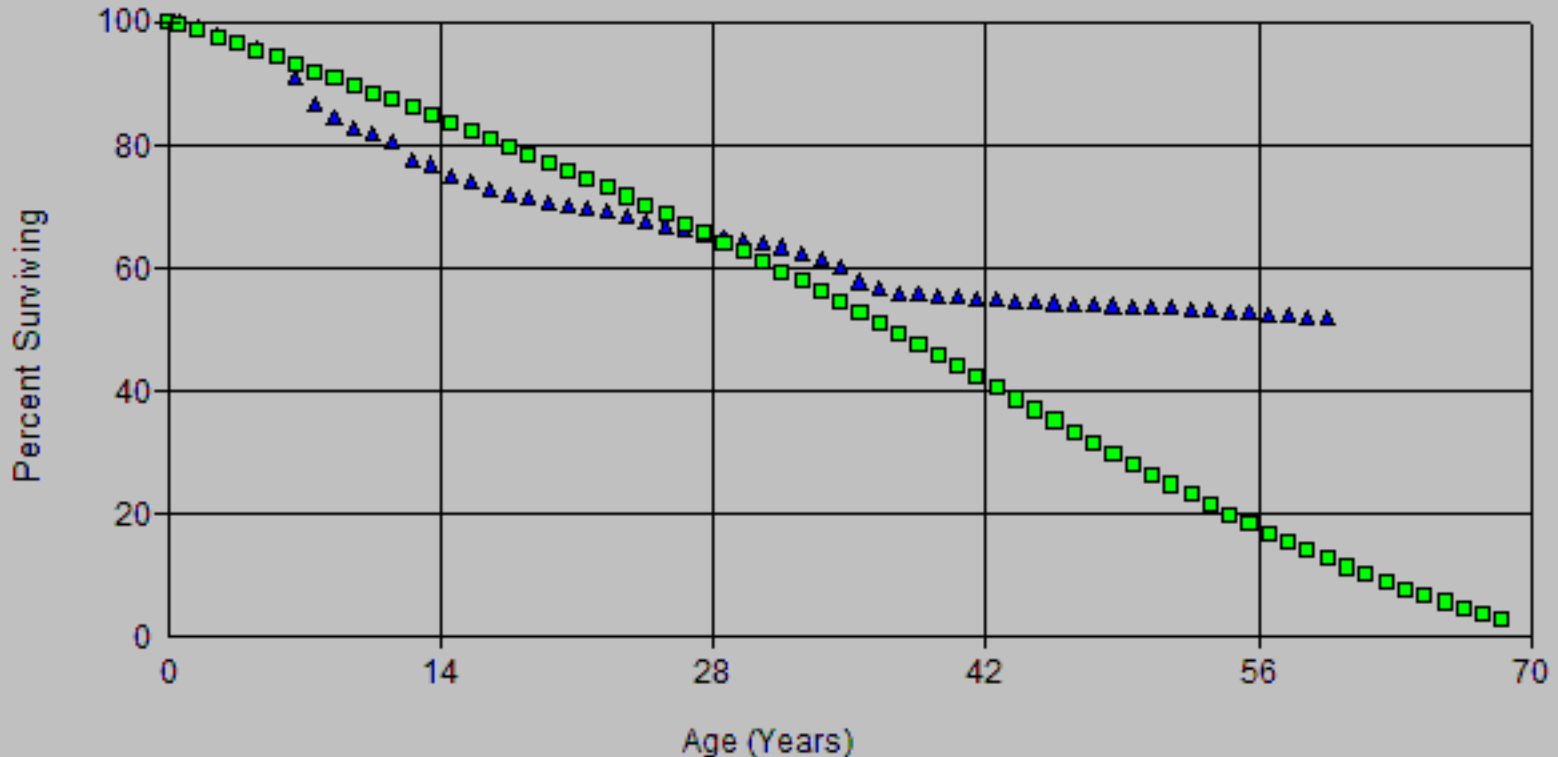
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Account: E373.20 St. Lightg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

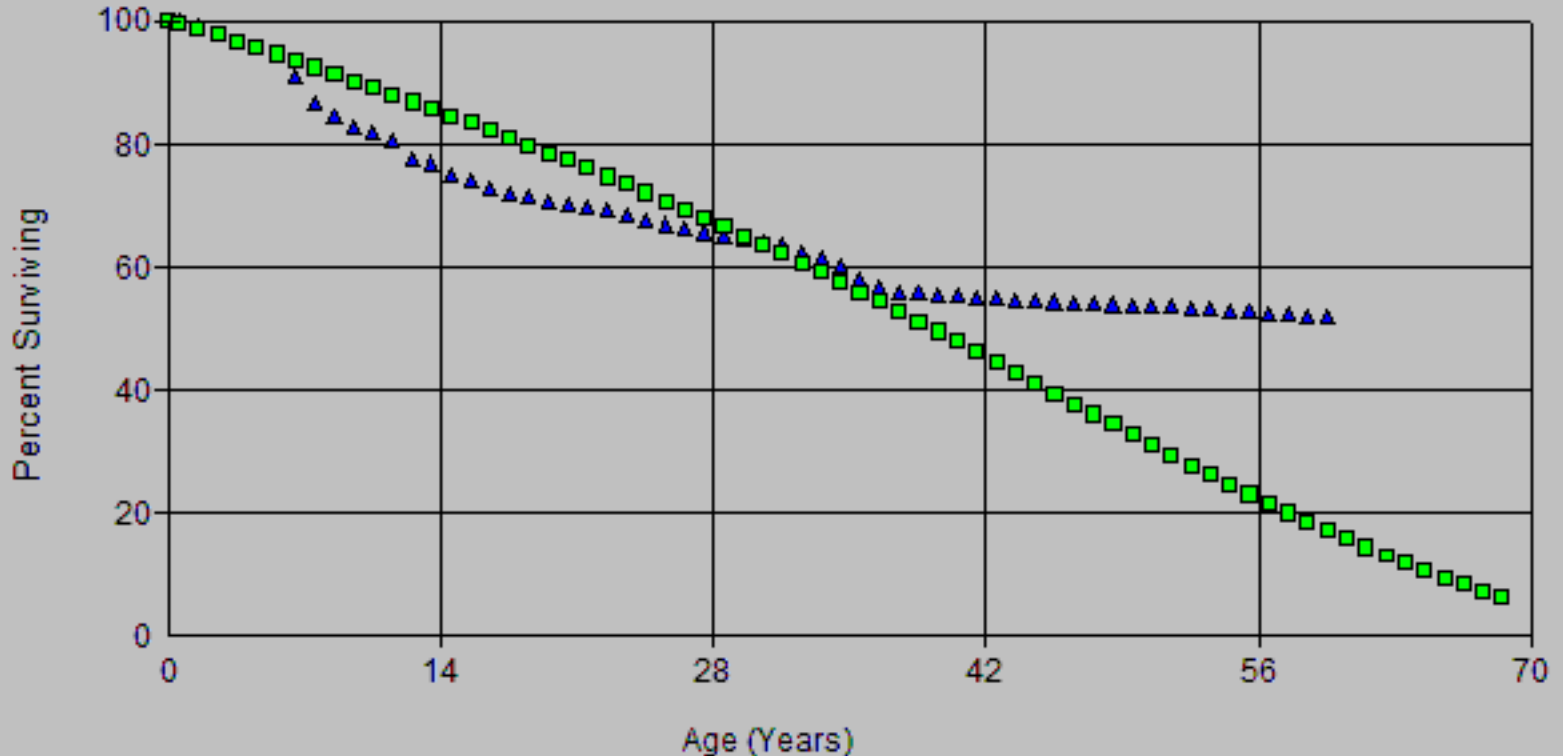
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Account: E373.20 St. Lightg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

▲ Actual Data ■ R0.5 38.00

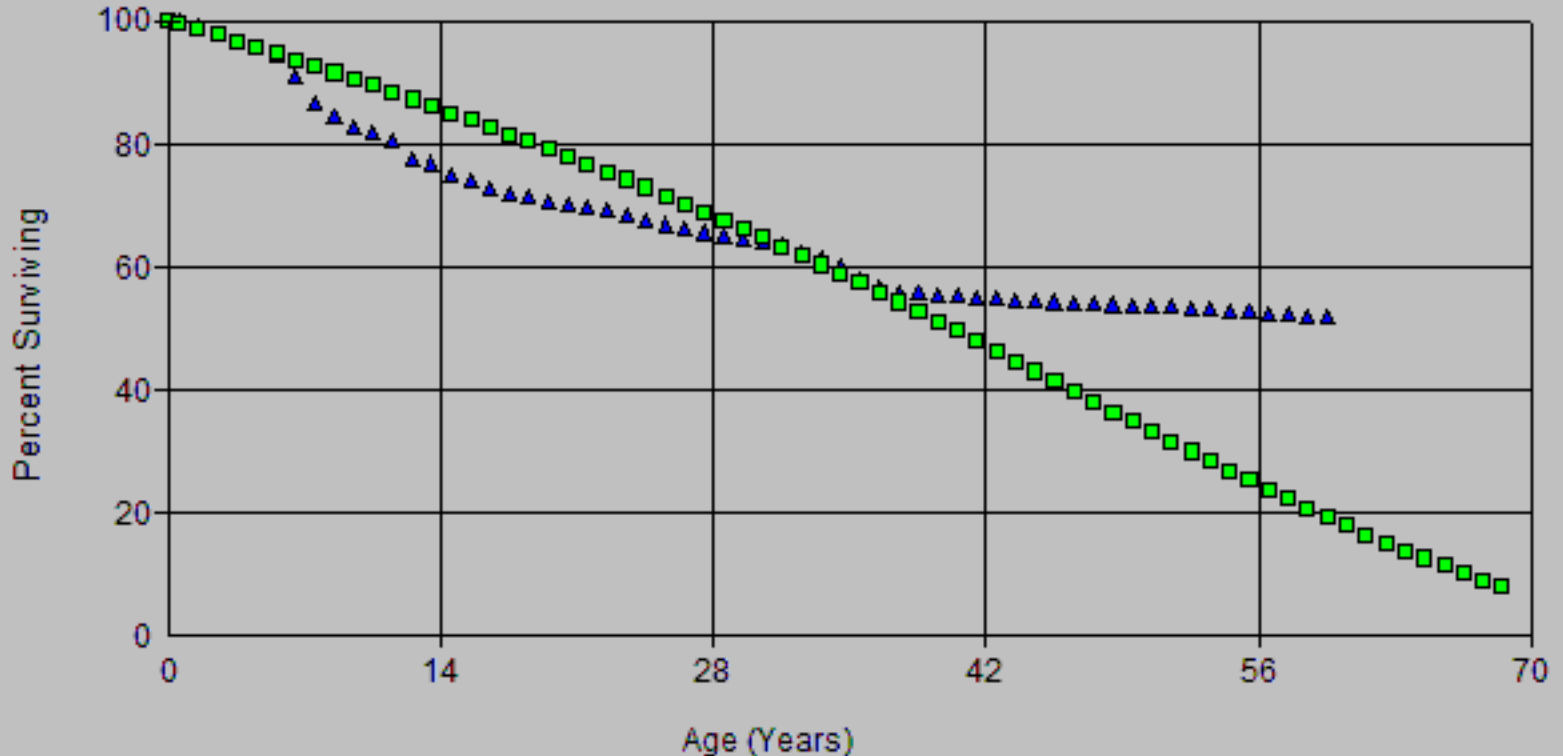


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

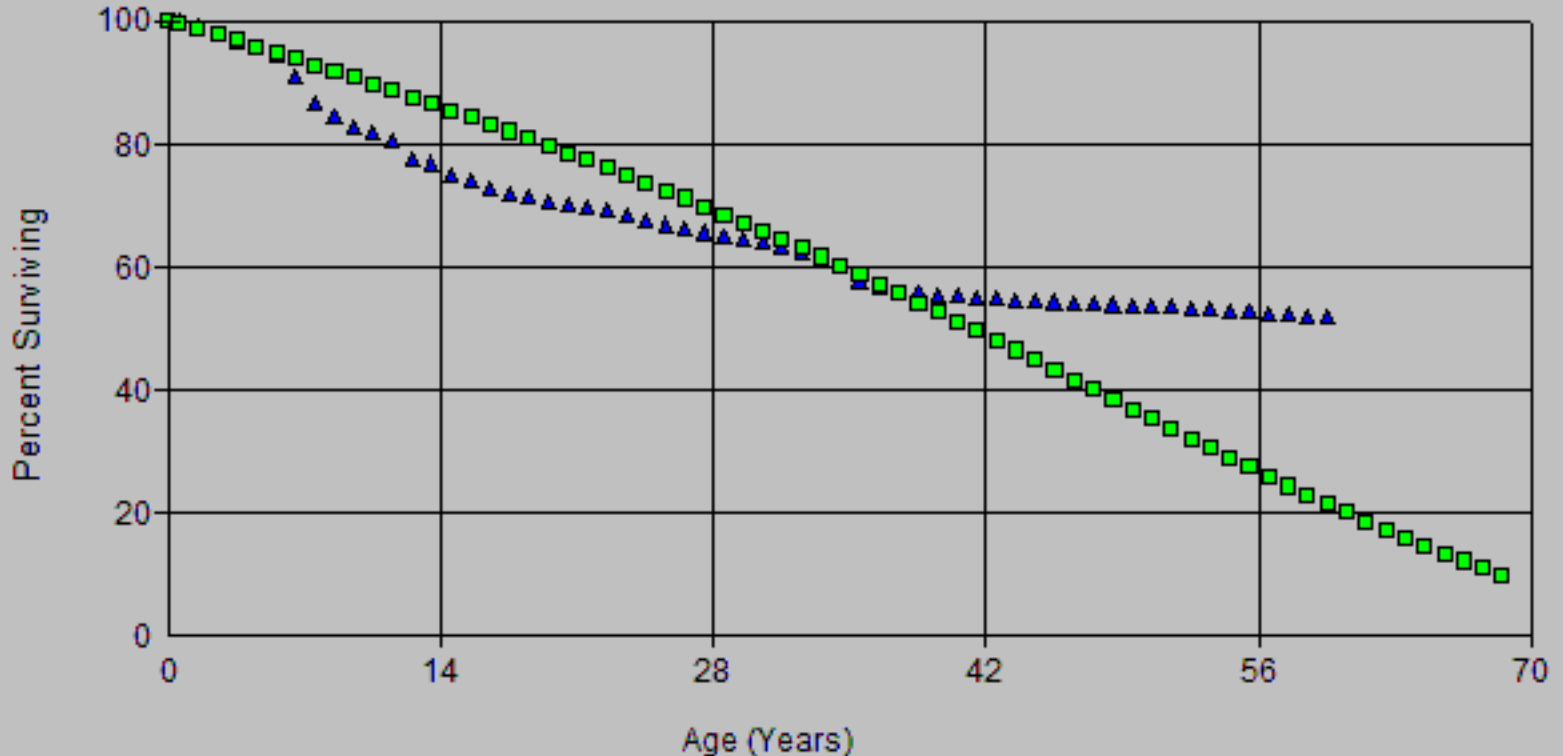
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Account: E373.20 St. Lightg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

▲ Actual Data ■ R0.5 40.00

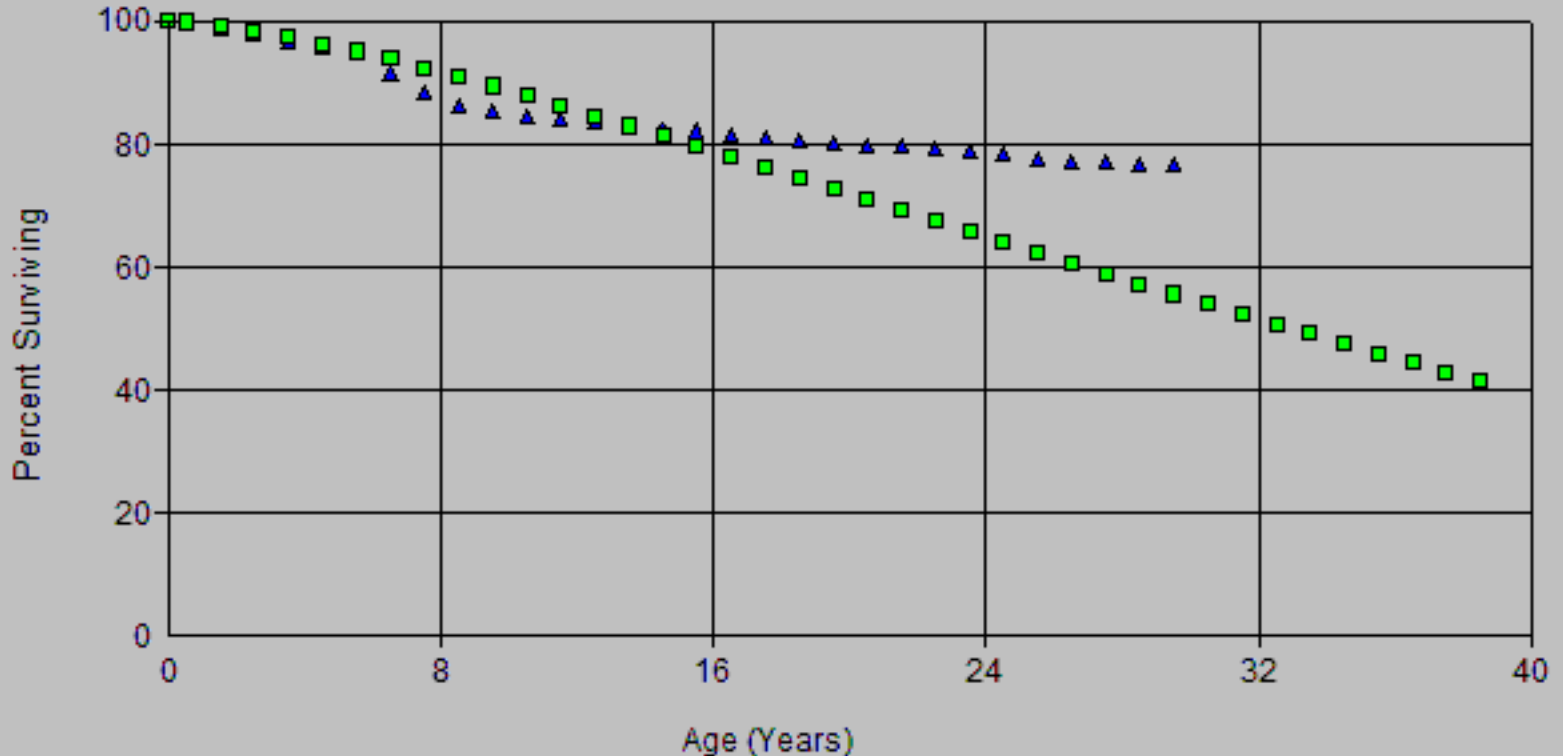


Account: E373.20 St. Lightg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

▲ Actual Data

■ L0 36.00

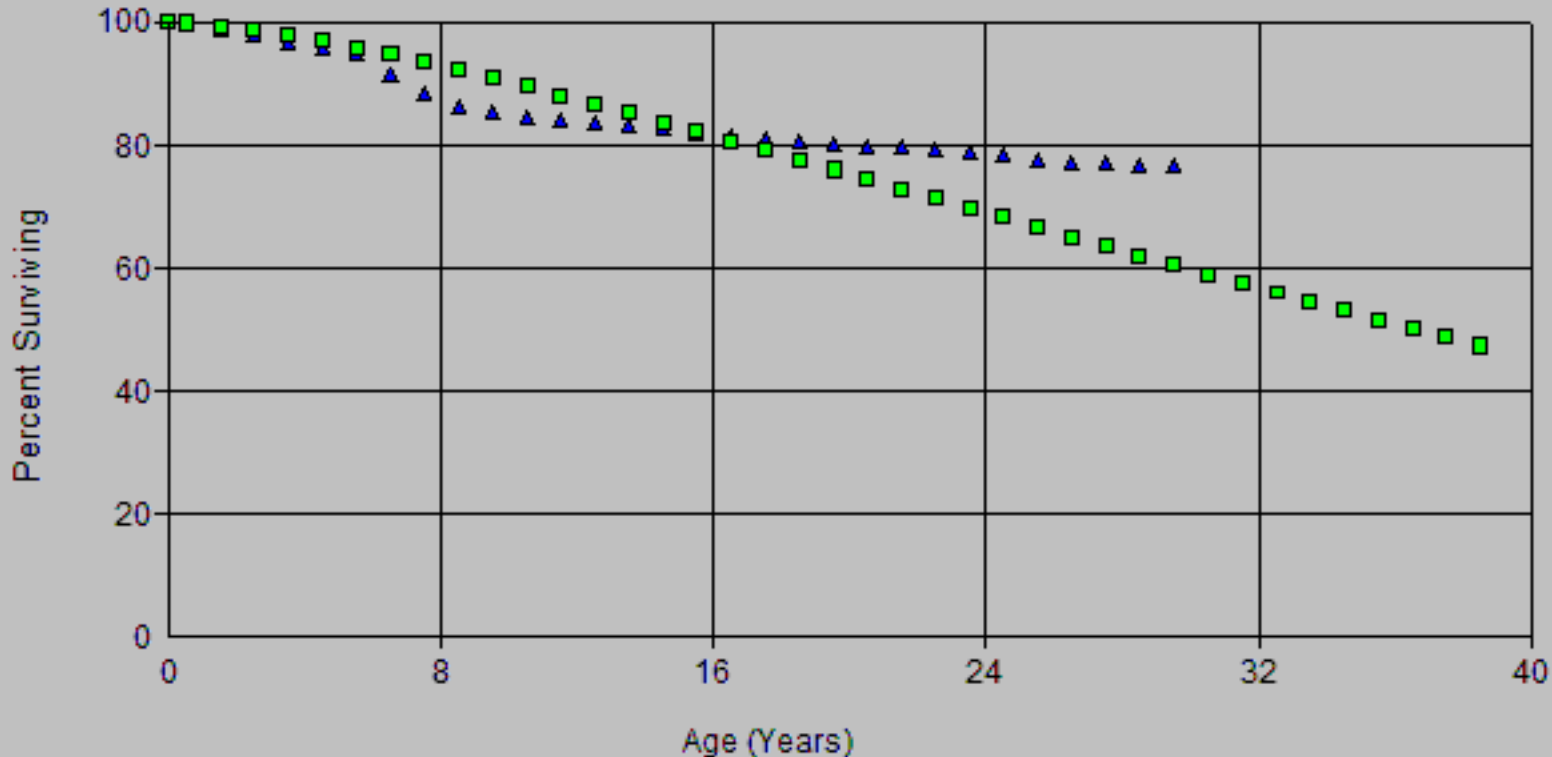


Account: E373.20 St. Lightg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

■ L0 40.00

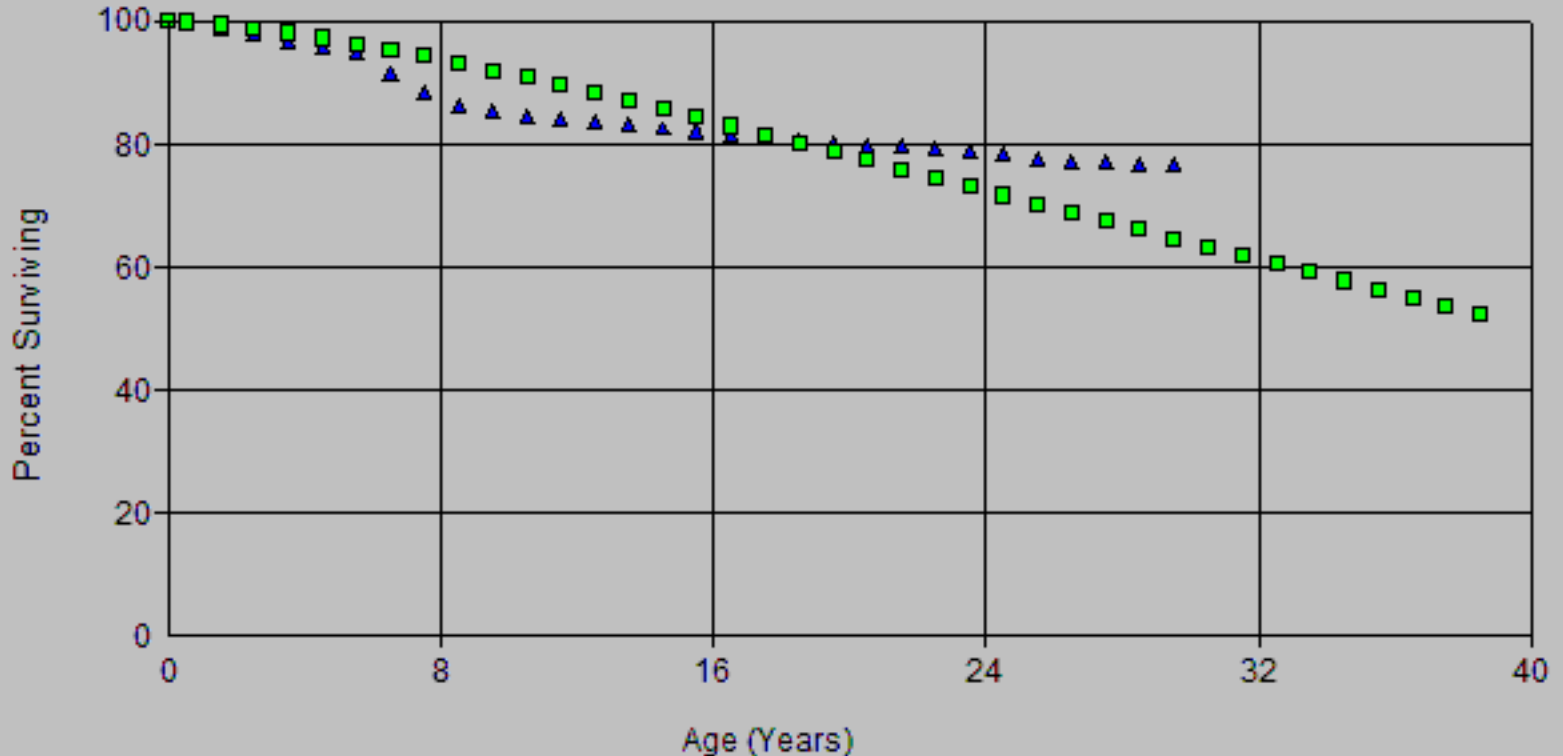


Account: E373.20 St. Lghtg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

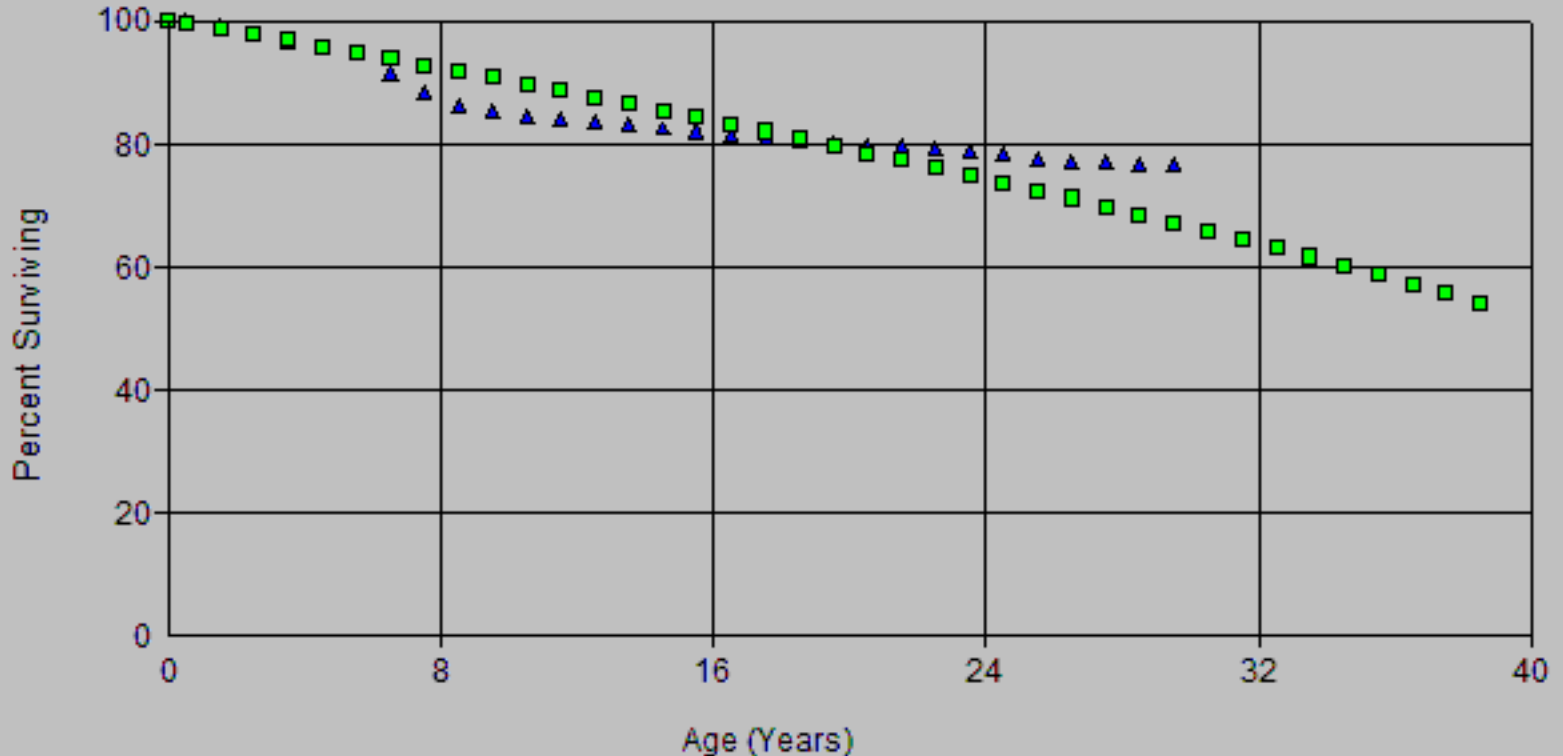
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Account: E373.20 St. Lghtg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

▲ Actual Data ■ R0.5 40.00

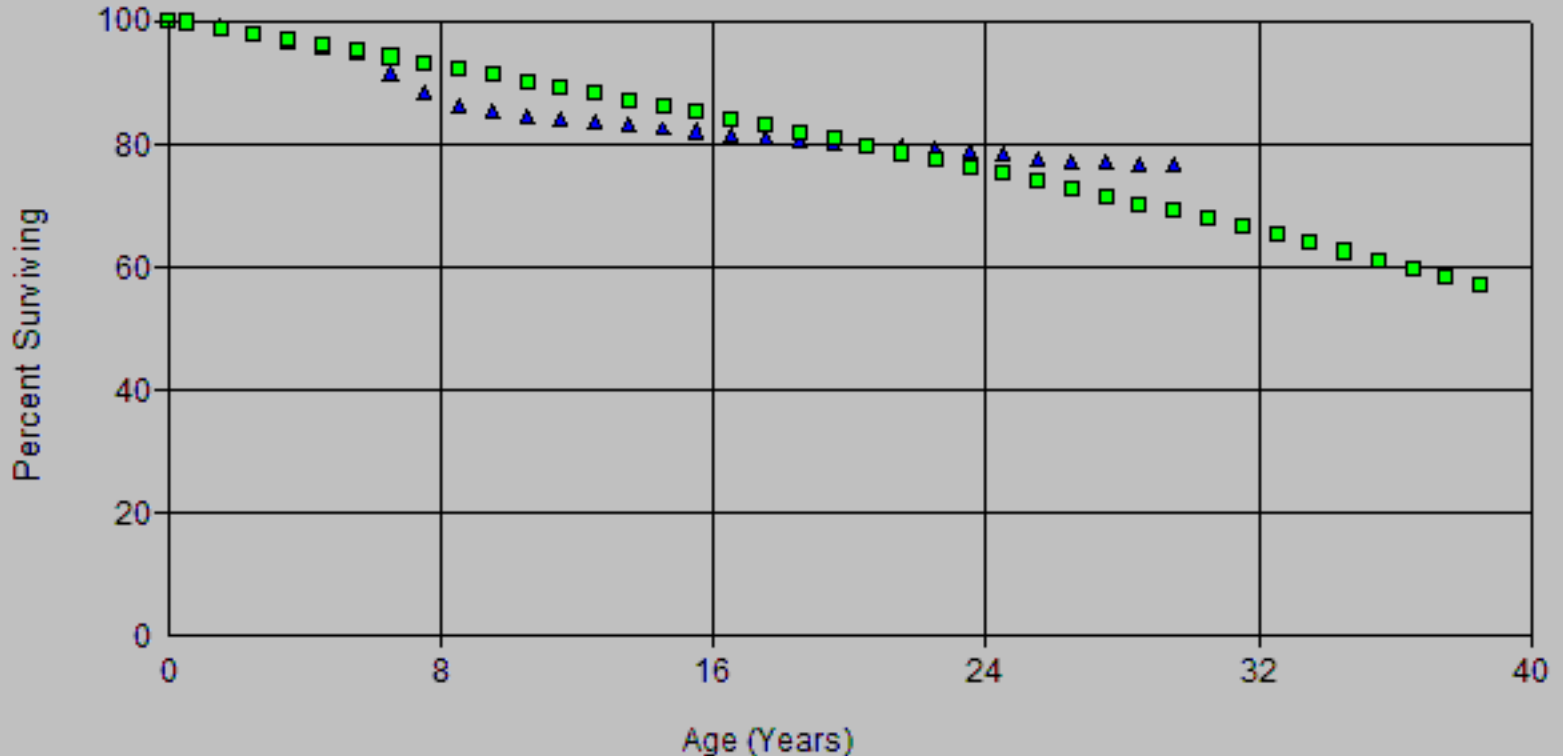


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Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC-APP
Depreciation

▲ Actual Data

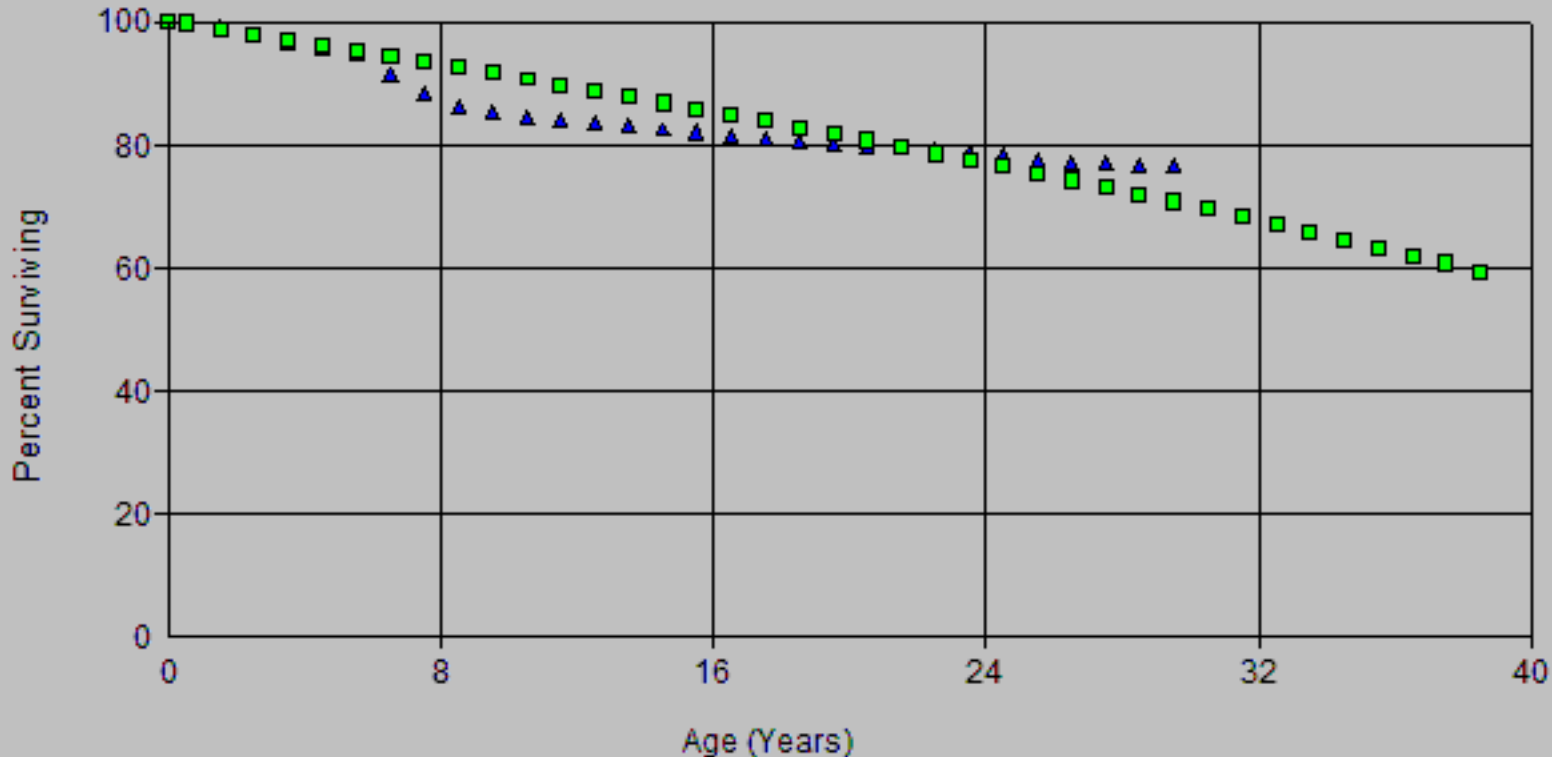
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Account: E373.20 St. Lghtg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC-APP
 Depreciation

▲ Actual Data ■ R0.5 44.00



Scenario: SDGE Actuarial @ 2020
 Account: E373.20-St. Lghtg & Sgnl Sys
 Placement Band: 1916 - 2020

Observed Life Table
 SDG&E
 2024 GRC - APP
 Depreciation

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	50,333,912.78	70,559.96	0.00140	0.99860	100.00
0.5	49,901,024.53	481,714.02	0.00965	0.99035	99.86
1.5	47,895,850.94	473,613.60	0.00989	0.99011	98.90
2.5	45,699,305.35	629,707.21	0.01378	0.98622	97.92
3.5	43,762,893.77	550,197.71	0.01257	0.98743	96.57
4.5	41,836,515.58	707,535.87	0.01691	0.98309	95.36
5.5	39,391,955.97	1,105,539.23	0.02807	0.97193	93.74
6.5	37,472,118.58	1,415,016.26	0.03776	0.96224	91.11
7.5	34,958,067.89	781,240.40	0.02235	0.97765	87.67
8.5	33,764,066.39	803,284.45	0.02379	0.97621	85.71
9.5	32,554,496.76	543,517.08	0.01670	0.98330	83.67
10.5	31,819,256.19	635,477.12	0.01997	0.98003	82.28
11.5	30,375,785.44	1,046,804.44	0.03446	0.96554	80.63
12.5	28,733,238.91	413,242.79	0.01438	0.98562	77.86
13.5	27,805,529.88	703,666.27	0.02531	0.97469	76.74
14.5	26,596,665.21	465,611.33	0.01751	0.98249	74.79
15.5	25,540,347.20	548,855.94	0.02149	0.97851	73.48
16.5	24,351,425.76	405,442.35	0.01665	0.98335	71.90
17.5	23,270,739.81	411,871.80	0.01770	0.98230	70.71
18.5	22,265,600.40	401,292.39	0.01802	0.98198	69.46
19.5	21,493,898.05	214,810.74	0.00999	0.99001	68.20
20.5	20,739,174.24	177,934.44	0.00858	0.99142	67.52
21.5	19,819,506.31	170,618.18	0.00861	0.99139	66.94
22.5	19,155,847.76	291,122.56	0.01520	0.98480	66.37
23.5	18,401,428.80	318,601.66	0.01731	0.98269	65.36
24.5	17,723,927.33	254,115.91	0.01434	0.98566	64.23
25.5	17,142,218.64	220,089.81	0.01284	0.98716	63.31
26.5	16,578,394.65	200,469.07	0.01209	0.98791	62.49
27.5	15,912,482.67	157,790.15	0.00992	0.99008	61.74
28.5	15,172,487.26	167,415.86	0.01103	0.98897	61.13
29.5	14,257,309.38	193,479.86	0.01357	0.98643	60.45
30.5	12,959,039.28	121,748.13	0.00939	0.99061	59.63
31.5	12,265,514.72	235,634.39	0.01921	0.98079	59.07
32.5	11,115,599.20	161,202.90	0.01450	0.98550	57.94
33.5	10,262,044.73	218,099.68	0.02125	0.97875	57.10
34.5	9,451,824.81	394,788.08	0.04177	0.95823	55.88
35.5	8,526,959.80	170,264.90	0.01997	0.98003	53.55
36.5	7,060,636.34	104,861.40	0.01485	0.98515	52.48
37.5	5,778,513.63	47,710.79	0.00826	0.99174	51.70
38.5	3,876,715.36	38,738.54	0.00999	0.99001	51.27
39.5	3,326,729.63	28,517.11	0.00857	0.99143	50.76
40.5	2,943,997.28	25,341.33	0.00861	0.99139	50.33
41.5	2,321,932.32	23,017.26	0.00991	0.99009	49.89
42.5	2,107,187.33	23,134.71	0.01098	0.98902	49.40
43.5	1,902,257.38	14,301.11	0.00752	0.99248	48.86
44.5	1,690,356.48	18,777.85	0.01111	0.98889	48.49
45.5	1,412,891.46	9,315.78	0.00659	0.99341	47.95
46.5	1,169,939.88	9,042.34	0.00773	0.99227	47.64
47.5	987,723.51	21,696.54	0.02197	0.97803	47.27
48.5	784,067.10	20,829.70	0.02657	0.97343	46.23
49.5	659,603.91	11,098.80	0.01683	0.98317	45.00
50.5	513,660.88	6,591.04	0.01283	0.98717	44.25
51.5	426,954.46	4,804.29	0.01125	0.98875	43.68
52.5	361,160.06	5,763.00	0.01596	0.98404	43.19

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E373.20-St. Lghtg & Sgnl Sys

Placement Band: 1916 - 2020

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	242,206.72	3,018.10	0.01246	0.98754	42.50
54.5	195,624.49	10,716.29	0.05478	0.94522	41.97
55.5	179,067.50	2,966.25	0.01656	0.98344	39.67
56.5	160,166.22	6,427.72	0.04013	0.95987	39.01
57.5	151,058.86	2,998.00	0.01985	0.98015	37.45
58.5	145,191.49	4,802.58	0.03308	0.96692	36.70
59.5	138,513.76	3,953.23	0.02854	0.97146	35.49
60.5	133,858.05	7,396.69	0.05526	0.94474	34.48
61.5	126,031.08	3,256.27	0.02584	0.97416	32.57
62.5	117,289.22	7,482.95	0.06380	0.93620	31.73
63.5	103,592.49	2,788.73	0.02692	0.97308	29.70
64.5	95,676.81	1,903.27	0.01989	0.98011	28.90
65.5	67,804.59	1,348.86	0.01989	0.98011	28.33
66.5	55,414.55	1,822.32	0.03289	0.96711	27.77
67.5	52,133.62	1,621.88	0.03111	0.96889	26.85
68.5	50,511.74	314.00	0.00622	0.99378	26.02
69.5	50,197.74	7,450.07	0.14841	0.85159	25.86
70.5	42,747.67	4,303.80	0.10068	0.89932	22.02
71.5	38,443.87	2,736.72	0.07119	0.92881	19.80
72.5	35,707.15	1,800.60	0.05043	0.94957	18.39
73.5	33,906.55	1,109.95	0.03274	0.96726	17.46
74.5	32,796.60	3,514.27	0.10715	0.89285	16.89
75.5	29,282.33	6,873.83	0.23474	0.76526	15.08
76.5	22,408.50	1,731.50	0.07727	0.92273	11.54
77.5	20,677.00	2,797.00	0.13527	0.86473	10.65
78.5	17,880.00	592.00	0.03311	0.96689	9.21
79.5	17,288.00	347.00	0.02007	0.97993	8.90
80.5	16,941.00	16,238.00	0.95850	0.04150	8.73
81.5	703.00	703.00	1.00000	0.00000	0.36
82.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: E373.20-St. Lghtg & Sgnl Sys
 Placement Band: 1916 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	47,965,073.03	54,254.96	0.00113	0.99887	100.00
0.5	47,765,317.54	451,980.02	0.00946	0.99054	99.89
1.5	45,959,403.40	445,757.60	0.00970	0.99030	98.94
2.5	43,938,812.49	602,124.21	0.01370	0.98630	97.98
3.5	42,228,075.80	526,238.71	0.01246	0.98754	96.64
4.5	40,423,797.01	680,457.87	0.01683	0.98317	95.44
5.5	38,174,330.92	1,082,740.23	0.02836	0.97164	93.83
6.5	36,426,211.34	1,390,921.26	0.03818	0.96182	91.17
7.5	34,060,884.55	758,448.40	0.02227	0.97773	87.69
8.5	33,005,263.38	784,055.45	0.02376	0.97624	85.74
9.5	31,911,815.00	525,607.08	0.01647	0.98353	83.70
10.5	31,253,253.46	615,206.12	0.01968	0.98032	82.32
11.5	29,927,663.71	1,024,389.44	0.03423	0.96577	80.70
12.5	28,433,561.18	399,839.79	0.01406	0.98594	77.94
13.5	27,548,025.15	692,433.27	0.02514	0.97486	76.84
14.5	26,350,531.49	446,346.33	0.01694	0.98306	74.91
15.5	25,317,514.29	534,584.94	0.02112	0.97888	73.64
16.5	24,125,972.85	388,303.35	0.01609	0.98391	72.08
17.5	23,042,726.80	402,412.80	0.01746	0.98254	70.93
18.5	22,037,660.93	388,214.39	0.01762	0.98238	69.69
19.5	21,255,051.98	201,162.74	0.00946	0.99054	68.46
20.5	20,473,213.17	165,491.44	0.00808	0.99192	67.81
21.5	19,550,392.31	160,333.18	0.00820	0.99180	67.26
22.5	18,890,377.82	277,599.56	0.01470	0.98530	66.71
23.5	18,130,491.68	307,430.66	0.01696	0.98304	65.73
24.5	17,458,294.71	244,223.91	0.01399	0.98601	64.61
25.5	16,888,194.02	208,960.81	0.01237	0.98763	63.71
26.5	16,336,390.03	190,112.07	0.01164	0.98836	62.92
27.5	15,677,115.05	149,424.15	0.00953	0.99047	62.19
28.5	14,952,192.63	154,456.86	0.01033	0.98967	61.60
29.5	14,057,012.94	184,880.86	0.01315	0.98685	60.96
30.5	12,758,222.84	112,890.13	0.00885	0.99115	60.16
31.5	12,094,129.57	226,179.39	0.01870	0.98130	59.63
32.5	10,970,145.05	156,378.90	0.01425	0.98575	58.51
33.5	10,151,025.18	212,665.68	0.02095	0.97905	57.68
34.5	9,377,790.26	392,676.08	0.04187	0.95813	56.47
35.5	8,466,871.18	168,902.90	0.01995	0.98005	54.11
36.5	7,008,507.66	104,068.40	0.01485	0.98515	53.03
37.5	5,739,041.13	47,164.79	0.00822	0.99178	52.24
38.5	3,844,064.36	38,126.54	0.00992	0.99008	51.81
39.5	3,295,665.63	28,253.11	0.00857	0.99143	51.30
40.5	2,914,495.28	24,942.33	0.00856	0.99144	50.86
41.5	2,298,144.32	23,008.26	0.01001	0.98999	50.42
42.5	2,084,432.33	23,047.71	0.01106	0.98894	49.92
43.5	1,880,094.38	14,301.11	0.00761	0.99239	49.37
44.5	1,690,356.48	18,777.85	0.01111	0.98889	48.99
45.5	1,412,891.46	9,315.78	0.00659	0.99341	48.45
46.5	1,169,939.88	9,042.34	0.00773	0.99227	48.13
47.5	987,723.51	21,696.54	0.02197	0.97803	47.76
48.5	784,067.10	20,829.70	0.02657	0.97343	46.71
49.5	659,603.91	11,098.80	0.01683	0.98317	45.47
50.5	513,660.88	6,591.04	0.01283	0.98717	44.70
51.5	426,954.46	4,804.29	0.01125	0.98875	44.13
52.5	361,160.06	5,763.00	0.01596	0.98404	43.63

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E373.20-St. Lghtg & Sgnl Sys

Placement Band: 1916 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	242,206.72	3,018.10	0.01246	0.98754	42.93
54.5	195,624.49	10,716.29	0.05478	0.94522	42.40
55.5	179,067.50	2,966.25	0.01656	0.98344	40.08
56.5	160,166.22	6,427.72	0.04013	0.95987	39.41
57.5	151,058.86	2,998.00	0.01985	0.98015	37.83
58.5	145,191.49	4,802.58	0.03308	0.96692	37.08
59.5	138,513.76	3,953.23	0.02854	0.97146	35.85
60.5	133,858.05	7,396.69	0.05526	0.94474	34.83
61.5	126,031.08	3,256.27	0.02584	0.97416	32.90
62.5	117,289.22	7,482.95	0.06380	0.93620	32.05
63.5	103,592.49	2,788.73	0.02692	0.97308	30.01
64.5	95,676.81	1,903.27	0.01989	0.98011	29.20
65.5	67,804.59	1,348.86	0.01989	0.98011	28.62
66.5	55,414.55	1,822.32	0.03289	0.96711	28.05
67.5	52,133.62	1,621.88	0.03111	0.96889	27.13
68.5	50,511.74	314.00	0.00622	0.99378	26.28
69.5	50,197.74	7,450.07	0.14841	0.85159	26.12
70.5	42,747.67	4,303.80	0.10068	0.89932	22.24
71.5	38,443.87	2,736.72	0.07119	0.92881	20.00
72.5	35,707.15	1,800.60	0.05043	0.94957	18.58
73.5	33,906.55	1,109.95	0.03274	0.96726	17.64
74.5	32,796.60	3,514.27	0.10715	0.89285	17.07
75.5	29,282.33	6,873.83	0.23474	0.76526	15.24
76.5	22,408.50	1,731.50	0.07727	0.92273	11.66
77.5	20,677.00	2,797.00	0.13527	0.86473	10.76
78.5	17,880.00	592.00	0.03311	0.96689	9.30
79.5	17,288.00	347.00	0.02007	0.97993	9.00
80.5	16,941.00	16,238.00	0.95850	0.04150	8.82
81.5	703.00	703.00	1.00000	0.00000	0.37
82.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: E373.20-St. Lghtg & Sgnl Sys
 Placement Band: 1916 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

SDG&E
 2024 GRC - APP
 Depreciation
 Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	24,900,152.40	12,435.96	0.00050	0.99950	100.00
0.5	25,777,571.70	197,273.02	0.00765	0.99235	99.95
1.5	24,936,157.12	247,487.60	0.00992	0.99008	99.19
2.5	24,283,890.43	346,783.21	0.01428	0.98572	98.20
3.5	24,161,033.50	221,453.71	0.00917	0.99083	96.80
4.5	23,409,941.32	354,078.87	0.01513	0.98487	95.91
5.5	22,031,605.87	766,399.23	0.03479	0.96521	94.46
6.5	21,940,421.96	1,056,429.26	0.04815	0.95185	91.17
7.5	21,187,370.60	485,484.40	0.02291	0.97709	86.78
8.5	22,878,489.91	482,325.45	0.02108	0.97892	84.80
9.5	23,023,155.08	308,346.08	0.01339	0.98661	83.01
10.5	23,501,680.98	396,578.12	0.01687	0.98313	81.90
11.5	23,142,395.74	798,619.44	0.03451	0.96549	80.52
12.5	22,222,153.07	217,969.79	0.00981	0.99019	77.74
13.5	21,824,018.44	541,363.27	0.02481	0.97519	76.97
14.5	21,240,283.72	290,998.33	0.01370	0.98630	75.06
15.5	20,798,098.90	360,509.94	0.01733	0.98267	74.04
16.5	20,213,359.17	167,859.35	0.00830	0.99170	72.75
17.5	19,940,663.52	198,333.80	0.00995	0.99005	72.15
18.5	19,506,874.02	212,979.39	0.01092	0.98908	71.43
19.5	19,091,790.10	128,572.74	0.00673	0.99327	70.65
20.5	18,690,881.79	104,061.44	0.00557	0.99443	70.18
21.5	18,028,000.97	87,749.18	0.00487	0.99513	69.79
22.5	17,592,894.10	209,974.56	0.01194	0.98806	69.44
23.5	17,131,042.00	225,967.66	0.01319	0.98681	68.62
24.5	16,681,742.94	171,778.91	0.01030	0.98970	67.71
25.5	16,291,668.31	166,800.81	0.01024	0.98976	67.01
26.5	15,827,664.52	144,556.07	0.00913	0.99087	66.33
27.5	15,225,536.37	117,737.15	0.00773	0.99227	65.72
28.5	14,534,731.91	102,285.86	0.00704	0.99296	65.21
29.5	13,694,073.28	155,038.86	0.01132	0.98868	64.76
30.5	12,421,171.94	88,700.13	0.00714	0.99286	64.02
31.5	11,765,352.83	202,215.39	0.01719	0.98281	63.57
32.5	10,665,751.99	138,613.90	0.01300	0.98700	62.47
33.5	9,852,332.60	200,053.68	0.02031	0.97969	61.66
34.5	9,073,468.62	381,171.08	0.04201	0.95799	60.41
35.5	8,195,293.13	158,537.90	0.01934	0.98066	57.87
36.5	6,756,451.48	86,224.40	0.01276	0.98724	56.75
37.5	5,499,285.67	33,256.79	0.00605	0.99395	56.03
38.5	3,616,095.73	21,967.54	0.00607	0.99393	55.69
39.5	3,092,570.25	13,964.11	0.00452	0.99548	55.35
40.5	2,728,867.93	17,100.33	0.00627	0.99373	55.10
41.5	2,136,008.97	12,250.26	0.00574	0.99426	54.76
42.5	1,946,688.98	12,441.71	0.00639	0.99361	54.44
43.5	1,755,253.03	10,311.11	0.00587	0.99413	54.09
44.5	1,547,597.13	6,829.85	0.00441	0.99559	53.78
45.5	1,283,196.11	6,223.78	0.00485	0.99515	53.54
46.5	1,044,081.53	6,025.34	0.00577	0.99423	53.28
47.5	871,064.35	19,051.54	0.02187	0.97813	52.97
48.5	679,566.48	18,070.70	0.02659	0.97341	51.81
49.5	558,313.29	7,698.80	0.01379	0.98621	50.44
50.5	416,390.26	3,264.04	0.00784	0.99216	49.74
51.5	334,087.84	2,479.29	0.00742	0.99258	49.35
52.5	272,561.44	2,823.00	0.01036	0.98964	48.98

Scenario: SDGE Actuarial @ 2020
 Account: E373.20-St. Lghtg & Sgnl Sys
 Placement Band: 1916 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	156,803.10	1,330.10	0.00848	0.99152	48.48
54.5	113,114.87	7,991.29	0.07065	0.92935	48.07
55.5	99,520.88	1,050.25	0.01055	0.98945	44.67
56.5	82,587.60	760.72	0.00921	0.99079	44.20
57.5	79,792.24	1,560.00	0.01955	0.98045	43.79
58.5	78,534.86	3,531.58	0.04497	0.95503	42.94
59.5	76,560.32	1,847.23	0.02413	0.97587	41.01
60.5	75,227.61	2,476.69	0.03292	0.96708	40.02
61.5	76,527.93	3,040.27	0.03973	0.96027	38.70
62.5	69,512.07	2,557.95	0.03680	0.96320	37.16
63.5	65,283.94	2,600.73	0.03984	0.96016	35.79
64.5	60,711.26	1,876.27	0.03090	0.96910	34.37
65.5	34,413.97	1,156.86	0.03362	0.96638	33.31
66.5	25,739.87	1,822.32	0.07080	0.92920	32.19
67.5	25,081.12	1,519.88	0.06060	0.93940	29.91
68.5	27,178.74	260.00	0.00957	0.99043	28.09
69.5	27,017.74	7,450.07	0.27575	0.72425	27.83
70.5	19,682.67	4,303.80	0.21866	0.78134	20.15
71.5	17,752.87	2,736.72	0.15416	0.84584	15.75
72.5	15,439.15	1,800.60	0.11663	0.88337	13.32
73.5	13,638.55	1,109.95	0.08138	0.91862	11.77
74.5	32,796.60	3,514.27	0.10715	0.89285	10.81
75.5	29,282.33	6,873.83	0.23474	0.76526	9.65
76.5	22,408.50	1,731.50	0.07727	0.92273	7.39
77.5	20,677.00	2,797.00	0.13527	0.86473	6.81
78.5	17,880.00	592.00	0.03311	0.96689	5.89
79.5	17,288.00	347.00	0.02007	0.97993	5.70
80.5	16,941.00	16,238.00	0.95850	0.04150	5.58
81.5	703.00	703.00	1.00000	0.00000	0.23
82.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: E373.20-St. Lghtg & Sgnl Sys
 Placement Band: 1961 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	47,965,073.03	54,254.96	0.00113	0.99887	100.00
0.5	47,524,088.78	448,565.02	0.00944	0.99056	99.89
1.5	45,516,115.19	443,061.60	0.00973	0.99027	98.94
2.5	43,330,771.60	598,386.21	0.01381	0.98619	97.98
3.5	41,399,520.83	518,248.71	0.01252	0.98748	96.63
4.5	39,444,923.10	669,366.87	0.01697	0.98303	95.42
5.5	36,983,083.49	942,268.23	0.02548	0.97452	93.80
6.5	35,206,477.10	1,214,037.26	0.03448	0.96552	91.41
7.5	32,873,332.41	628,095.40	0.01911	0.98089	88.26
8.5	31,810,969.91	665,860.45	0.02093	0.97907	86.57
9.5	30,723,857.28	428,105.08	0.01393	0.98607	84.76
10.5	30,092,283.71	489,300.12	0.01626	0.98374	83.58
11.5	28,775,285.96	895,416.44	0.03112	0.96888	82.22
12.5	27,276,989.43	297,442.79	0.01090	0.98910	79.66
13.5	26,455,286.40	601,663.27	0.02274	0.97726	78.79
14.5	25,332,567.74	355,805.33	0.01405	0.98595	77.00
15.5	24,370,634.54	466,930.94	0.01916	0.98084	75.92
16.5	23,235,016.10	311,864.35	0.01342	0.98658	74.46
17.5	22,209,323.86	320,638.80	0.01444	0.98556	73.46
18.5	21,249,491.45	309,867.39	0.01458	0.98542	72.40
19.5	20,517,524.50	165,795.74	0.00808	0.99192	71.35
20.5	19,762,352.69	133,651.44	0.00676	0.99324	70.77
21.5	18,860,775.83	113,727.18	0.00603	0.99397	70.29
22.5	18,236,038.34	232,387.56	0.01274	0.98726	69.87
23.5	17,515,157.20	240,930.66	0.01376	0.98624	68.98
24.5	16,904,581.23	186,914.91	0.01106	0.98894	68.03
25.5	16,387,684.54	175,736.81	0.01072	0.98928	67.28
26.5	15,866,195.55	144,836.07	0.00913	0.99087	66.56
27.5	15,246,900.57	117,761.15	0.00772	0.99228	65.95
28.5	14,545,635.16	102,285.86	0.00703	0.99297	65.44
29.5	13,694,073.28	155,038.86	0.01132	0.98868	64.98
30.5	12,411,343.18	88,700.13	0.00715	0.99285	64.24
31.5	11,750,866.62	201,864.39	0.01718	0.98282	63.78
32.5	10,634,721.10	138,024.90	0.01298	0.98702	62.69
33.5	9,804,344.63	197,879.68	0.02018	0.97982	61.87
34.5	9,014,344.71	375,485.08	0.04165	0.95835	60.63
35.5	8,108,782.70	156,937.90	0.01935	0.98065	58.10
36.5	6,655,786.24	79,621.40	0.01196	0.98804	56.98
37.5	5,398,903.53	27,706.79	0.00513	0.99487	56.30
38.5	3,517,109.26	15,743.54	0.00448	0.99552	56.01
39.5	2,990,118.53	7,769.33	0.00260	0.99740	55.76
40.5	2,628,133.96	8,782.95	0.00334	0.99666	55.61
41.5	2,022,627.38	7,128.26	0.00352	0.99648	55.42
42.5	1,823,771.39	8,357.71	0.00458	0.99542	55.23
43.5	1,633,618.44	5,791.11	0.00354	0.99646	54.98
44.5	1,430,227.54	4,573.75	0.00320	0.99680	54.78
45.5	1,166,966.62	2,421.12	0.00207	0.99793	54.61
46.5	930,909.70	3,346.61	0.00359	0.99641	54.49
47.5	754,389.06	2,580.00	0.00342	0.99658	54.30
48.5	569,849.19	560.71	0.00098	0.99902	54.11
49.5	465,654.99	638.19	0.00137	0.99863	54.06
50.5	330,172.57	1,264.63	0.00383	0.99617	53.98
51.5	248,792.56	378.70	0.00152	0.99848	53.78
52.5	187,423.75	949.84	0.00507	0.99493	53.70

SDG&E
2024 GRC - APP
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Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E373.20-St. Lghtg & Sgnl Sys

Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	73,283.57	197.28	0.00269	0.99731	53.42
54.5	29,522.16	153.25	0.00519	0.99481	53.28
55.5	23,528.21	100.89	0.00429	0.99571	53.00
56.5	7,492.29	36.81	0.00491	0.99509	52.78
57.5	4,775.84	23.81	0.00499	0.99501	52.52
58.5	1,882.66	7.51	0.00399	0.99601	52.25
59.5	0.00	0.00	0.00000	0.00000	52.05

Scenario: SDGE Actuarial @ 2020
 Account: E373.20-St. Lghtg & Sgnl Sys
 Placement Band: 1961 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	24,900,152.40	12,435.96	0.00050	0.99950	100.00
0.5	25,777,571.70	197,273.02	0.00765	0.99235	99.95
1.5	24,936,157.12	247,487.60	0.00992	0.99008	99.19
2.5	24,283,890.43	346,783.21	0.01428	0.98572	98.20
3.5	24,161,033.50	221,453.71	0.00917	0.99083	96.80
4.5	23,409,941.32	354,078.87	0.01513	0.98487	95.91
5.5	22,031,605.87	766,399.23	0.03479	0.96521	94.46
6.5	21,940,421.96	1,056,429.26	0.04815	0.95185	91.17
7.5	21,187,370.60	485,484.40	0.02291	0.97709	86.78
8.5	22,878,489.91	482,325.45	0.02108	0.97892	84.80
9.5	23,023,155.08	308,346.08	0.01339	0.98661	83.01
10.5	23,501,680.98	396,578.12	0.01687	0.98313	81.90
11.5	23,142,395.74	798,619.44	0.03451	0.96549	80.52
12.5	22,222,153.07	217,969.79	0.00981	0.99019	77.74
13.5	21,824,018.44	541,363.27	0.02481	0.97519	76.97
14.5	21,240,283.72	290,998.33	0.01370	0.98630	75.06
15.5	20,798,098.90	360,509.94	0.01733	0.98267	74.04
16.5	20,213,359.17	167,859.35	0.00830	0.99170	72.75
17.5	19,940,663.52	198,333.80	0.00995	0.99005	72.15
18.5	19,506,874.02	212,979.39	0.01092	0.98908	71.43
19.5	19,091,790.10	128,572.74	0.00673	0.99327	70.65
20.5	18,690,881.79	104,061.44	0.00557	0.99443	70.18
21.5	18,028,000.97	87,749.18	0.00487	0.99513	69.79
22.5	17,592,894.10	209,974.56	0.01194	0.98806	69.44
23.5	17,131,042.00	225,967.66	0.01319	0.98681	68.62
24.5	16,681,742.94	171,778.91	0.01030	0.98970	67.71
25.5	16,291,668.31	166,800.81	0.01024	0.98976	67.01
26.5	15,827,664.52	144,556.07	0.00913	0.99087	66.33
27.5	15,225,536.37	117,737.15	0.00773	0.99227	65.72
28.5	14,534,731.91	102,285.86	0.00704	0.99296	65.21
29.5	13,694,073.28	155,038.86	0.01132	0.98868	64.76
30.5	12,411,343.18	88,700.13	0.00715	0.99285	64.02
31.5	11,750,866.62	201,864.39	0.01718	0.98282	63.56
32.5	10,634,721.10	138,024.90	0.01298	0.98702	62.47
33.5	9,804,344.63	197,879.68	0.02018	0.97982	61.66
34.5	9,014,344.71	375,485.08	0.04165	0.95835	60.42
35.5	8,108,782.70	156,937.90	0.01935	0.98065	57.90
36.5	6,655,786.24	79,621.40	0.01196	0.98804	56.78
37.5	5,398,903.53	27,706.79	0.00513	0.99487	56.10
38.5	3,517,109.26	15,743.54	0.00448	0.99552	55.81
39.5	2,990,118.53	7,769.33	0.00260	0.99740	55.56
40.5	2,628,133.96	8,782.95	0.00334	0.99666	55.42
41.5	2,022,627.38	7,128.26	0.00352	0.99648	55.24
42.5	1,823,771.39	8,357.71	0.00458	0.99542	55.04
43.5	1,633,618.44	5,791.11	0.00354	0.99646	54.79
44.5	1,430,227.54	4,573.75	0.00320	0.99680	54.60
45.5	1,166,966.62	2,421.12	0.00207	0.99793	54.42
46.5	930,909.70	3,346.61	0.00359	0.99641	54.31
47.5	754,389.06	2,580.00	0.00342	0.99658	54.11
48.5	569,849.19	560.71	0.00098	0.99902	53.93
49.5	465,654.99	638.19	0.00137	0.99863	53.87
50.5	330,172.57	1,264.63	0.00383	0.99617	53.80
51.5	248,792.56	378.70	0.00152	0.99848	53.59
52.5	187,423.75	949.84	0.00507	0.99493	53.51

SDG&E
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Depreciation

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E373.20-St. Lghtg & Sgnl Sys

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	73,283.57	197.28	0.00269	0.99731	53.24
54.5	29,522.16	153.25	0.00519	0.99481	53.10
55.5	23,528.21	100.89	0.00429	0.99571	52.82
56.5	7,492.29	36.81	0.00491	0.99509	52.60
57.5	4,775.84	23.81	0.00499	0.99501	52.34
58.5	1,882.66	7.51	0.00399	0.99601	52.08
59.5	0.00	0.00	0.00000	0.00000	51.87

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E373.20-St. Lghtg & Sgnl Sys

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	24,900,152.40	12,435.96	0.00050	0.99950	100.00
0.5	24,500,987.15	188,769.02	0.00770	0.99230	99.95
1.5	22,877,541.56	229,582.60	0.01004	0.98996	99.18
2.5	21,108,602.97	327,188.21	0.01550	0.98450	98.18
3.5	19,481,453.20	164,771.71	0.00846	0.99154	96.66
4.5	17,891,603.47	195,282.87	0.01091	0.98909	95.84
5.5	15,895,935.86	572,385.23	0.03601	0.96399	94.80
6.5	14,473,159.47	467,188.26	0.03228	0.96772	91.38
7.5	12,884,903.78	287,649.40	0.02232	0.97768	88.43
8.5	12,151,697.28	159,309.71	0.01311	0.98689	86.46
9.5	11,577,764.39	100,307.99	0.00866	0.99134	85.33
10.5	11,283,314.91	48,257.78	0.00428	0.99572	84.59
11.5	10,435,321.50	72,503.81	0.00695	0.99305	84.23
12.5	9,759,937.60	51,456.79	0.00527	0.99473	83.64
13.5	9,184,220.57	62,506.70	0.00681	0.99319	83.20
14.5	8,600,658.48	46,186.07	0.00537	0.99463	82.63
15.5	7,948,344.54	41,312.42	0.00520	0.99480	82.19
16.5	7,238,344.62	46,048.04	0.00636	0.99364	81.76
17.5	6,478,468.69	43,599.93	0.00673	0.99327	81.24
18.5	5,795,675.15	36,941.39	0.00637	0.99363	80.69
19.5	5,336,634.20	21,346.64	0.00400	0.99600	80.18
20.5	4,725,911.49	14,028.12	0.00297	0.99703	79.86
21.5	3,943,957.95	20,761.08	0.00526	0.99474	79.62
22.5	3,412,186.56	12,633.61	0.00370	0.99630	79.20
23.5	2,911,059.37	10,475.48	0.00360	0.99640	78.91
24.5	2,530,938.58	29,452.91	0.01164	0.98836	78.63
25.5	2,171,503.89	11,336.08	0.00522	0.99478	77.71
26.5	1,814,415.63	5,091.61	0.00281	0.99719	77.31
27.5	1,338,000.11	3,408.48	0.00255	0.99745	77.09
28.5	751,087.37	1,811.35	0.00241	0.99759	76.89
29.5	0.00	0.00	0.00000	0.00000	76.71

Actuarial Life Analysis

Account: E373.20-St. Lghtg & Sgnl Sys
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1916 - 1956
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -1956	40.5	22.40	0.07605189	L0	22.46
1948 -1957	41.5	18.19	0.06676932	L0	21.67
1949 -1958	42.5	19.02	0.06519398	L0	22.70
1950 -1959	43.5	20.82	0.07790492	L0	23.81
1951 -1960	44.5	22.50	0.06353711	L0	24.98
1952 -1961	45.5	24.33	0.04448405	L0	27.14
1953 -1962	46.5	24.89	0.04211297	L0	28.17
1954 -1963	47.5	25.83	0.04098758	L0	29.03
1955 -1964	48.5	29.22	0.04364797	L0	31.28
1956 -1965	49.5	26.59	0.03571070	L0	30.76
1957 -1966	50.5	5.08	0.22514363	L0	15.24
1958 -1967	51.5	1.89	0.11959244	L0	12.15
1959 -1968	52.5	1.76	0.12454931	L0	12.09
1960 -1969	53.5	1.61	0.12949115	L0	12.07
1961 -1970	54.5	1.55	0.13649006	L0	12.15
1962 -1971	55.5	1.58	0.15059833	L0	12.25
1963 -1972	56.5	1.58	0.15824210	L0	12.41
1964 -1973	57.5	1.53	0.17385528	L0	12.59
1965 -1974	58.5	1.32	0.17128703	L0	12.71
1966 -1975	59.5	1.26	0.15866146	L0.5	12.95
1967 -1976	60.5	5.19	0.19095001	L0	20.46
1968 -1977	61.5	11.08	0.11685948	L0.5	27.90
1969 -1978	62.5	13.68	0.12422880	L0.5	30.17
1970 -1979	63.5	15.10	0.12228213	L0.5	31.61
1971 -1980	64.5	11.64	0.23100038	L1	29.50
1972 -1981	65.5	9.47	0.21512653	L1	27.53
1973 -1982	66.5	4.58	0.15293773	L0.5	21.90
1974 -1983	67.5	2.64	0.08514904	L1.5	21.34
1975 -1984	68.5	2.58	0.08376317	L1.5	21.41
1976 -1985	69.5	2.72	0.10195692	L1.5	21.42
1977 -1986	70.5	1.20	0.05991881	L2	21.54
1978 -1987	71.5	1.84	0.07979030	L1.5	23.05
1979 -1988	72.5	2.36	0.09337530	L2	24.00
1980 -1989	73.5	2.68	0.11286017	L2	25.21
1981 -1990	74.5	4.53	0.14007042	L1.5	28.19
1982 -1991	75.5	5.90	0.16157408	L1.5	30.50
1983 -1992	76.5	7.35	0.26410550	L1	31.88
1984 -1993	77.5	14.70	0.25736175	L0	37.58
1985 -1994	78.5	9.58	0.57159385	L0	30.52
1986 -1995	79.5	6.51	0.43734687	L0	30.36
1987 -1996	80.5	10.77	0.78378590	L0	31.94
1988 -1997	81.5	0.05	0.05307366	L0	28.01
1989 -1998	82.5	0.00	0.03967536	L0.5	25.17
1990 -1999	83.5	0.00	0.04676665	L0	25.55

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E373.20-St. Lghtg & Sgnl Sys
Scenario: SDGE Actuarial @ 2020
Placement Band: 1916 - 2000
Function: Survivorship Annual Rate Method
Weighting: Unweighted
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1991 -2000	84.5	0.00	0.04253275	L0	25.86
1992 -2001	85.5	0.00	0.06345636	L0	25.87
1993 -2002	86.5	0.00	0.13723639	L0	26.40
1994 -2003	87.5	0.00	0.17817845	L0	26.21
1995 -2004	88.5	0.00	0.08969616	R1	32.01
1996 -2005	89.5	0.00	0.10840766	R1	32.61
1997 -2006	90.5	0.00	0.16621925	R0.5	32.11
1998 -2007	91.5	0.00	0.30860647	L0	34.40
1999 -2008	92.5	0.00	0.38752461	L0	34.41
2000 -2009	93.5	0.00	0.45872492	L0	35.85
2001 -2010	94.5	0.00	0.55686762	L0	36.90
2002 -2011	95.5	0.00	0.54497670	R0.5	37.29
2003 -2012	96.5	0.00	0.53045746	R0.5	38.64
2004 -2013	97.5	0.00	0.53993011	R0.5	40.28
2005 -2014	98.5	0.00	0.70962078	R0.5	42.26
2006 -2015	99.5	0.00	0.88847758	R0.5	44.56
2007 -2016	100.5	0.00	1.08808584	R1	48.69
2008 -2017	101.5	0.00	1.28849985	R2	53.48
2009 -2018	102.5	0.00	1.54845280	R4	58.06
2010 -2019	103.5	0.00	1.62718277	R4	58.90
2011 -2020	104.5	74.92	0.09866571	R0.5	138.36

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E373.20-St. Lghtg & Sgnl Sys

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -2020	104.5	0.00	0.37974403	L0	43.14
1957 -2020	104.5	0.00	0.37698082	L0	43.42
1967 -2020	104.5	0.00	0.37301377	L0	44.73
1977 -2020	104.5	0.00	0.34866529	R0.5	44.45
1987 -2020	104.5	0.00	0.35499978	R0.5	46.00
1997 -2020	104.5	0.00	0.53844073	R1	48.57
2007 -2020	104.5	48.65	0.27647809	L0	88.28
2017 -2020	104.5	78.43	0.07085845	R0.5	159.80

The following Electric Distribution accounts don't have any retirements.

Therefore, there are no actuarial results.

Account 360.2

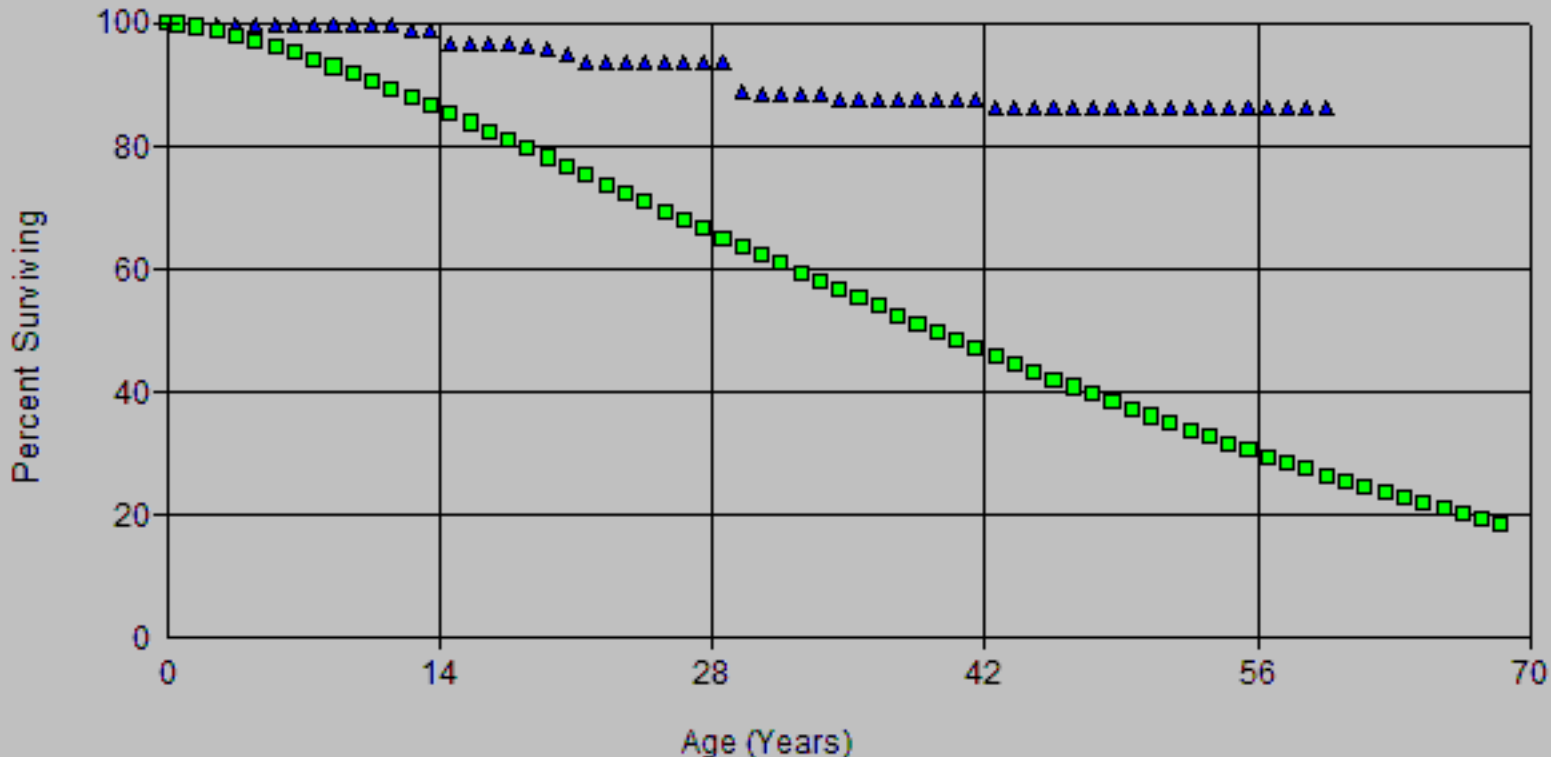
Account 363

Account 371.1

Actuarial Analysis Results

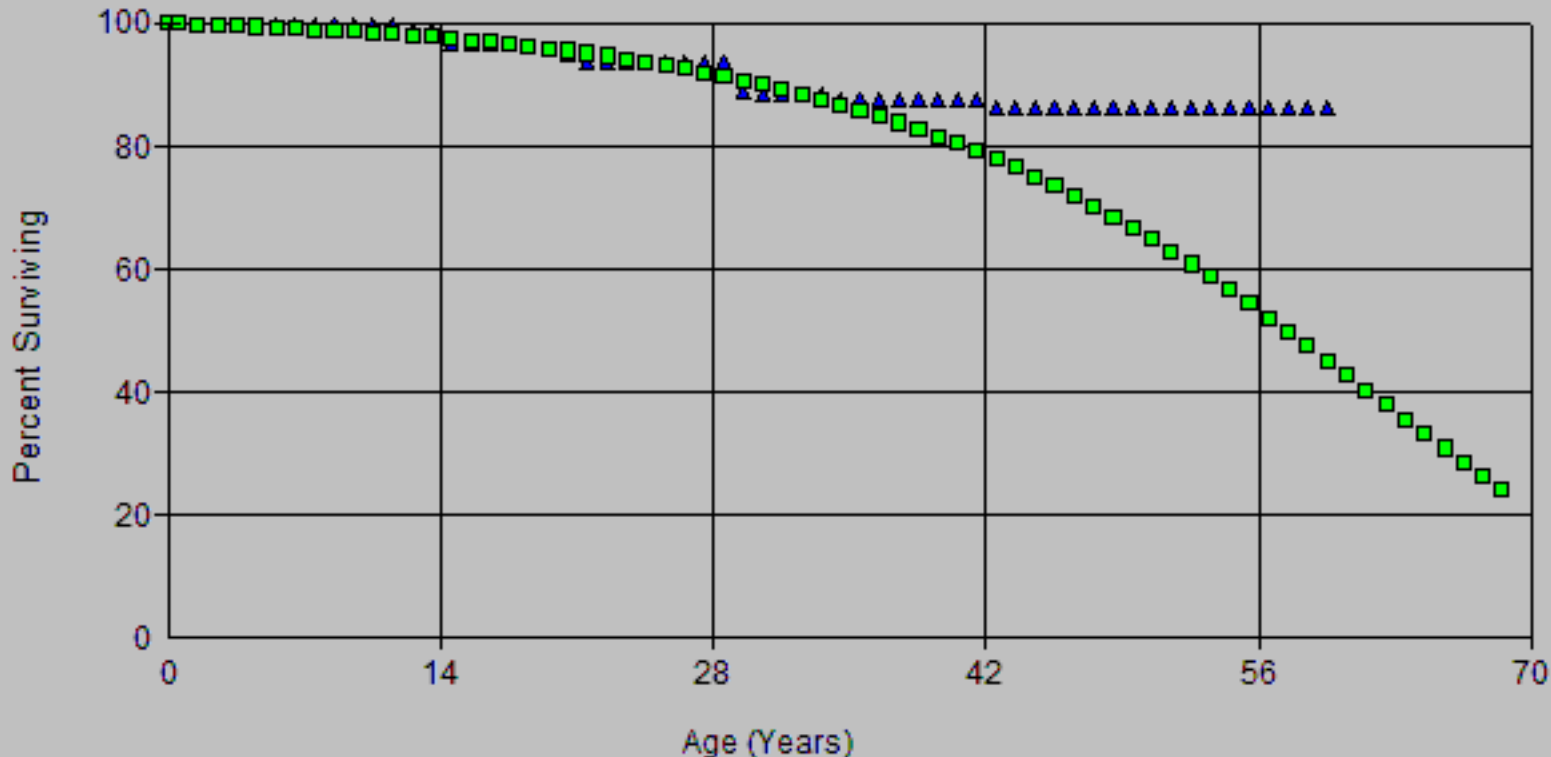
SDG&E
 2024 ORCLAPP
 Depreciation
 Account: E390.00 Street and Improv.
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ L0 43.00



Account: E390.00 Street and Improv.
SDG&E 2024 ORCL APP
Depreciation
Scenario: SDGE Actuarial @ 2020

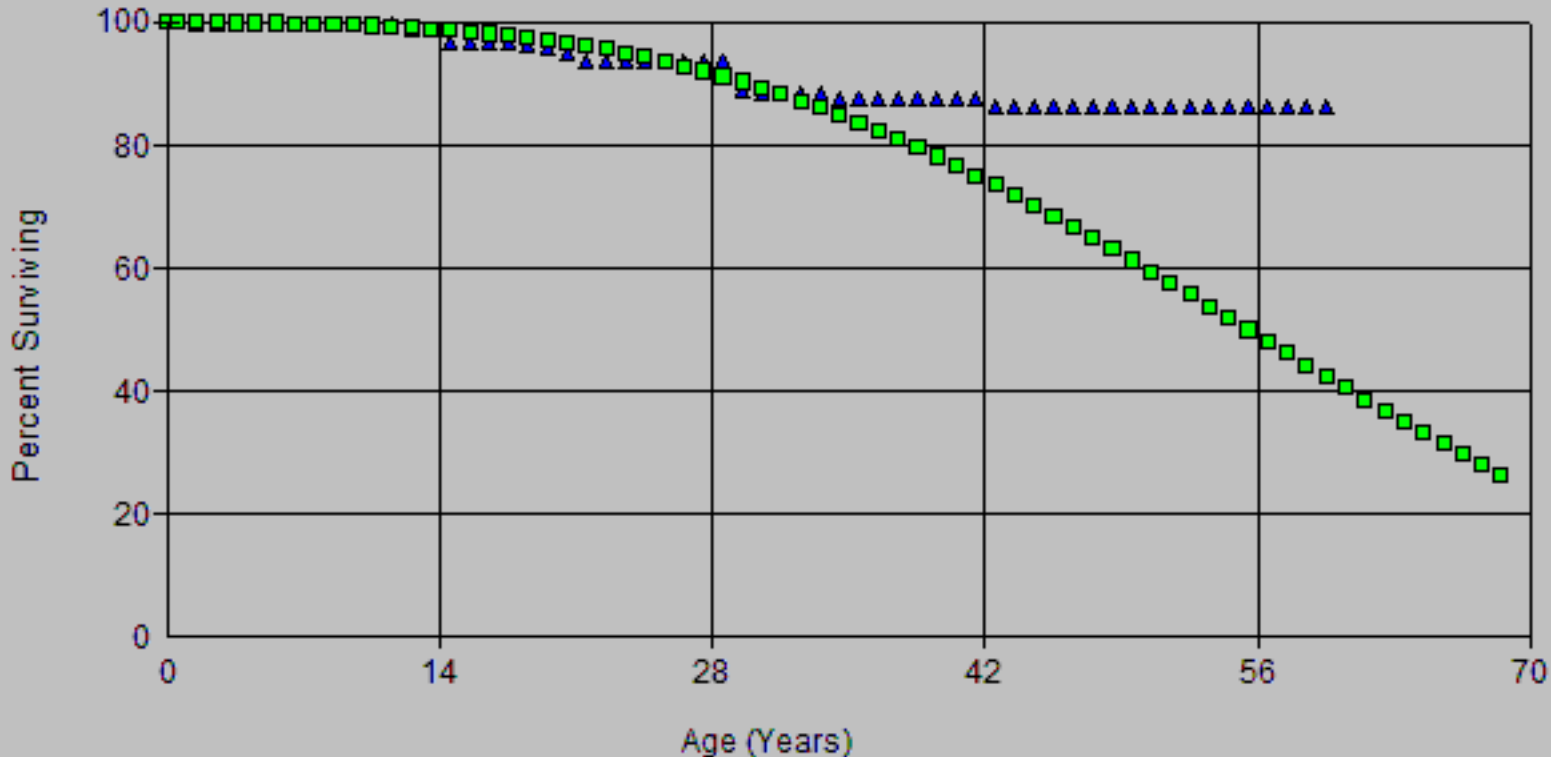
▲ Actual Data ■ R2.5 55.00



Account: E390.00 Struct. and Improv.
 Scenario: SDGE Actuarial @ 2020

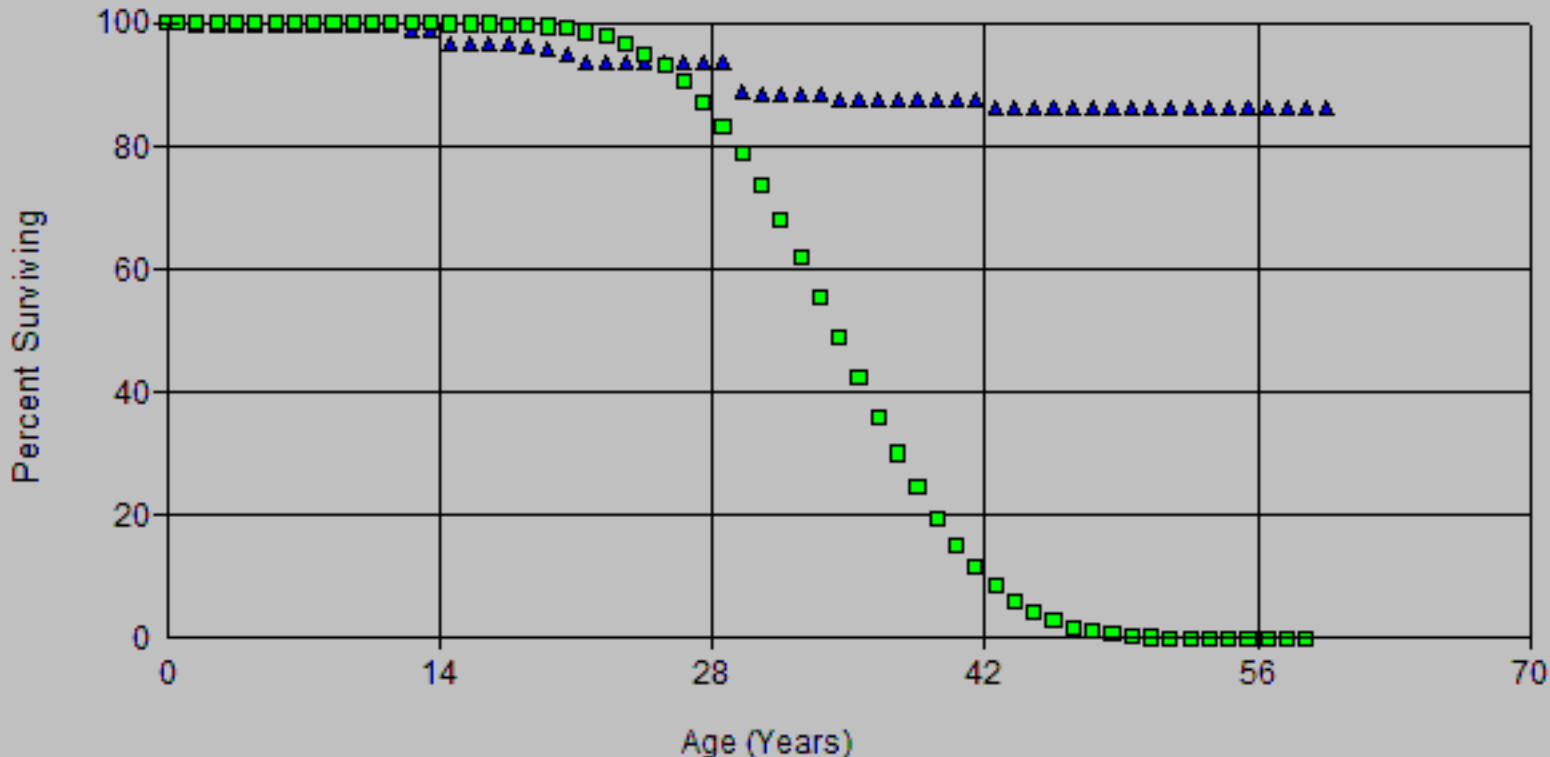
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 2024 ORCLAPP
 Depreciation

▲ Actual Data ■ S1.5 55.00



Account: E390.00 Street and Improv.
 SDG&E 2024 ORCL APP
 Depreciation
 Scenario: SDGE Actuarial @ 2020

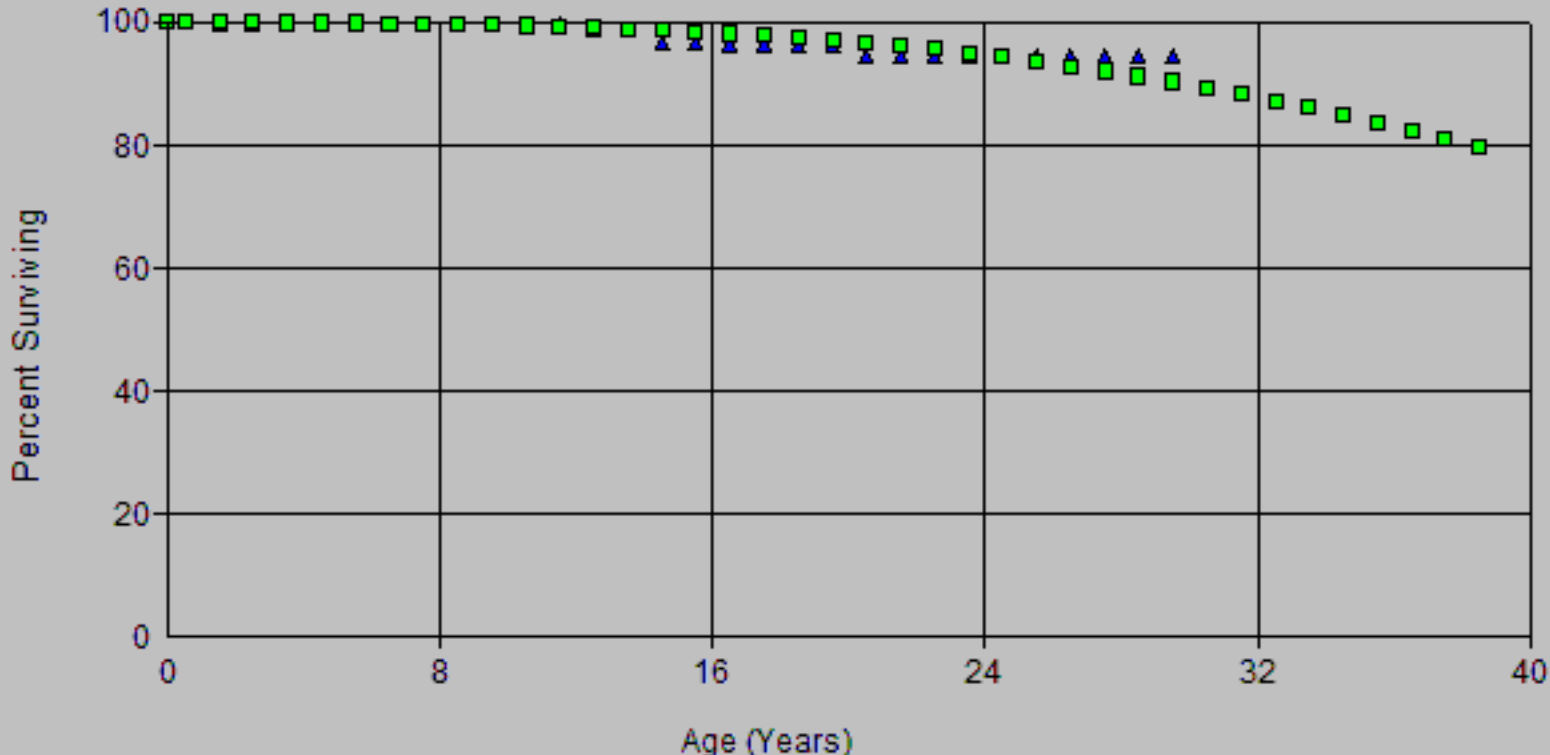
▲ Actual Data ■ S4 34.00



Account: E390.00 Street and Improv.
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 ORCLAPP
 Depreciation

▲ Actual Data ■ S1.5 55.00



Scenario: SDGE Actuarial @ 2020

Account: E390.00-Struct. and Improv.

Placement Band: 1961 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	30,495,925.62	0.00	0.00000	1.00000	100.00
0.5	32,362,714.07	43,323.70	0.00134	0.99866	100.00
1.5	32,907,890.27	0.00	0.00000	1.00000	99.87
2.5	33,918,759.46	0.00	0.00000	1.00000	99.87
3.5	24,934,960.43	0.00	0.00000	1.00000	99.87
4.5	24,514,324.77	0.00	0.00000	1.00000	99.87
5.5	24,383,499.85	46,496.13	0.00191	0.99809	99.87
6.5	24,661,774.83	0.00	0.00000	1.00000	99.68
7.5	23,527,578.56	0.00	0.00000	1.00000	99.68
8.5	23,417,108.85	11,274.60	0.00048	0.99952	99.68
9.5	22,390,001.59	0.00	0.00000	1.00000	99.63
10.5	22,401,212.93	0.00	0.00000	1.00000	99.63
11.5	22,259,324.41	117,816.35	0.00529	0.99471	99.63
12.5	24,672,951.25	0.00	0.00000	1.00000	99.10
13.5	24,033,311.40	535,699.25	0.02229	0.97771	99.10
14.5	20,384,688.16	29,132.20	0.00143	0.99857	96.89
15.5	19,205,966.95	5,354.42	0.00028	0.99972	96.75
16.5	20,641,851.32	5,000.00	0.00024	0.99976	96.73
17.5	19,903,066.25	55,004.32	0.00276	0.99724	96.70
18.5	15,720,751.11	102,028.24	0.00649	0.99351	96.44
19.5	13,986,569.22	138,954.15	0.00993	0.99007	95.81
20.5	13,834,527.93	188,540.74	0.01363	0.98637	94.86
21.5	13,424,749.63	0.00	0.00000	1.00000	93.57
22.5	13,187,623.45	0.00	0.00000	1.00000	93.57
23.5	12,760,164.21	0.00	0.00000	1.00000	93.57
24.5	9,106,338.01	0.00	0.00000	1.00000	93.57
25.5	8,859,064.94	4,000.00	0.00045	0.99955	93.57
26.5	7,881,738.02	0.00	0.00000	1.00000	93.52
27.5	7,396,282.47	0.00	0.00000	1.00000	93.52
28.5	6,787,663.01	334,644.85	0.04930	0.95070	93.52
29.5	6,446,487.56	43,413.29	0.00673	0.99327	88.91
30.5	6,385,351.91	0.00	0.00000	1.00000	88.31
31.5	6,485,598.32	0.00	0.00000	1.00000	88.31
32.5	6,855,483.85	0.00	0.00000	1.00000	88.31
33.5	6,693,121.95	55,153.41	0.00824	0.99176	88.31
34.5	4,466,926.91	0.00	0.00000	1.00000	87.59
35.5	4,443,814.27	0.00	0.00000	1.00000	87.59
36.5	4,403,727.36	0.00	0.00000	1.00000	87.59
37.5	4,646,341.09	0.00	0.00000	1.00000	87.59
38.5	1,179,131.99	0.00	0.00000	1.00000	87.59
39.5	1,123,863.18	0.00	0.00000	1.00000	87.59
40.5	940,123.18	0.00	0.00000	1.00000	87.59
41.5	933,148.91	13,016.55	0.01395	0.98605	87.59
42.5	914,827.52	0.00	0.00000	1.00000	86.36
43.5	888,790.06	0.00	0.00000	1.00000	86.36
44.5	888,790.06	406.73	0.00046	0.99954	86.36
45.5	886,842.95	0.00	0.00000	1.00000	86.32
46.5	859,323.20	0.00	0.00000	1.00000	86.32
47.5	843,847.70	0.00	0.00000	1.00000	86.32
48.5	834,720.82	0.00	0.00000	1.00000	86.32
49.5	834,720.82	0.00	0.00000	1.00000	86.32
50.5	828,522.71	0.00	0.00000	1.00000	86.32
51.5	826,605.48	0.00	0.00000	1.00000	86.32
52.5	826,605.48	0.00	0.00000	1.00000	86.32

SDG&E
2024 GRC - APP
Depreciation

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E390.00-Struct. and Improv.

Placement Band: 1961 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	646,865.27	0.00	0.00000	1.00000	86.32
54.5	269,206.21	0.00	0.00000	1.00000	86.32
55.5	269,206.21	0.00	0.00000	1.00000	86.32
56.5	269,206.21	0.00	0.00000	1.00000	86.32
57.5	269,079.11	0.00	0.00000	1.00000	86.32
58.5	268,756.71	0.00	0.00000	1.00000	86.32
59.5	0.00	0.00	0.00000	0.00000	86.32

Scenario: SDGE Actuarial @ 2020

Account: E390.00-Struct. and Improv.

Placement Band: 1991 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	30,495,925.62	0.00	0.00000	1.00000	100.00
0.5	32,362,714.07	43,323.70	0.00134	0.99866	100.00
1.5	32,907,890.27	0.00	0.00000	1.00000	99.87
2.5	33,918,759.46	0.00	0.00000	1.00000	99.87
3.5	24,934,960.43	0.00	0.00000	1.00000	99.87
4.5	24,514,324.77	0.00	0.00000	1.00000	99.87
5.5	24,383,499.85	46,496.13	0.00191	0.99809	99.87
6.5	24,661,774.83	0.00	0.00000	1.00000	99.68
7.5	23,527,578.56	0.00	0.00000	1.00000	99.68
8.5	23,399,386.49	11,274.60	0.00048	0.99952	99.68
9.5	22,262,956.10	0.00	0.00000	1.00000	99.63
10.5	22,262,956.10	0.00	0.00000	1.00000	99.63
11.5	21,958,705.68	117,816.35	0.00537	0.99463	99.63
12.5	21,603,882.73	0.00	0.00000	1.00000	99.09
13.5	20,941,003.14	535,699.25	0.02558	0.97442	99.09
14.5	17,251,970.59	0.00	0.00000	1.00000	96.56
15.5	16,022,911.36	5,354.42	0.00033	0.99967	96.56
16.5	13,870,322.32	0.00	0.00000	1.00000	96.53
17.5	13,081,268.44	0.00	0.00000	1.00000	96.53
18.5	8,770,217.62	7,650.20	0.00087	0.99913	96.53
19.5	7,123,439.50	138,954.15	0.01951	0.98049	96.44
20.5	6,966,093.37	0.00	0.00000	1.00000	94.56
21.5	6,718,818.35	0.00	0.00000	1.00000	94.56
22.5	6,481,692.17	0.00	0.00000	1.00000	94.56
23.5	6,052,692.55	0.00	0.00000	1.00000	94.56
24.5	2,371,346.60	0.00	0.00000	1.00000	94.56
25.5	2,091,581.48	0.00	0.00000	1.00000	94.56
26.5	1,109,127.68	0.00	0.00000	1.00000	94.56
27.5	623,672.13	0.00	0.00000	1.00000	94.56
28.5	8,447.83	0.00	0.00000	1.00000	94.56
29.5	0.00	0.00	0.00000	0.00000	94.56

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E390.00-Struct. and Improv.

Scenario: SDGE Actuarial @ 2020

Placement Band: 1961 - 2003

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2003	42.5	85.74	0.00800631	S0.5	79.86
2000 -2004	43.5	90.41	0.00556699	S0.5	100.64
2001 -2005	44.5	75.55	0.03623378	L0	86.03
2002 -2006	45.5	94.67	0.01208640	R0.5	226.68
2003 -2007	46.5	92.62	0.01090066	R0.5	185.96
2004 -2008	47.5	91.40	0.01382042	R0.5	174.19
2005 -2009	48.5	90.55	0.01586644	R0.5	157.10
2006 -2010	49.5	92.54	0.01279679	R0.5	205.41
2007 -2011	50.5	92.40	0.01341801	R0.5	201.18
2008 -2012	51.5	97.84	0.00734300	R1.5	249.12
2009 -2013	52.5	99.33	0.00096211	R3	170.22
2010 -2014	53.5	99.81	0.00018696	L2.5	231.49
2011 -2015	54.5	60.22	0.10367336	S0.5	59.19
2012 -2016	55.5	63.68	0.05446590	L0.5	71.66
2013 -2017	56.5	60.77	0.06355146	S0	61.01
2014 -2018	57.5	62.86	0.06570840	L1	67.36
2015 -2019	58.5	66.46	0.06260780	L0.5	78.03
2016 -2020	59.5	94.77	0.00585130	R1	247.55

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E390.00-Struct. and Improv.

Scenario: SDGE Actuarial @ 2020

Placement Band: 1961 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

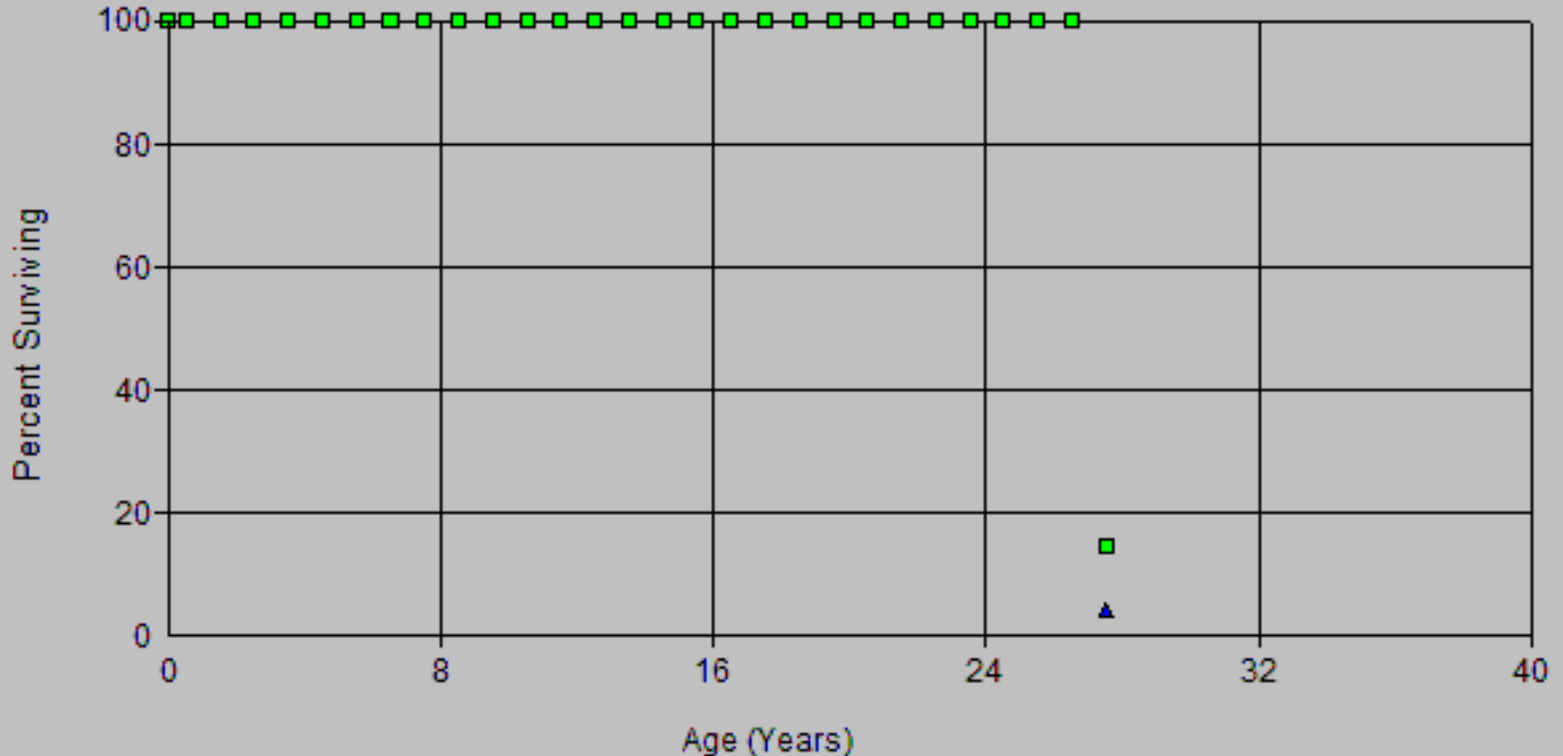
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2020	59.5	86.33	0.01850970	R0.5	148.81
2004 -2020	59.5	85.95	0.01777327	R0.5	145.67
2009 -2020	59.5	84.93	0.01401744	L0	151.09
2014 -2020	59.5	69.85	0.06316877	L0.5	84.82
2019 -2020		69.85			

Account: E392.20-Transportn Eq-Trailer
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRG LAPP
Depreciation

▲ Actual Data

■ SQ 27.00

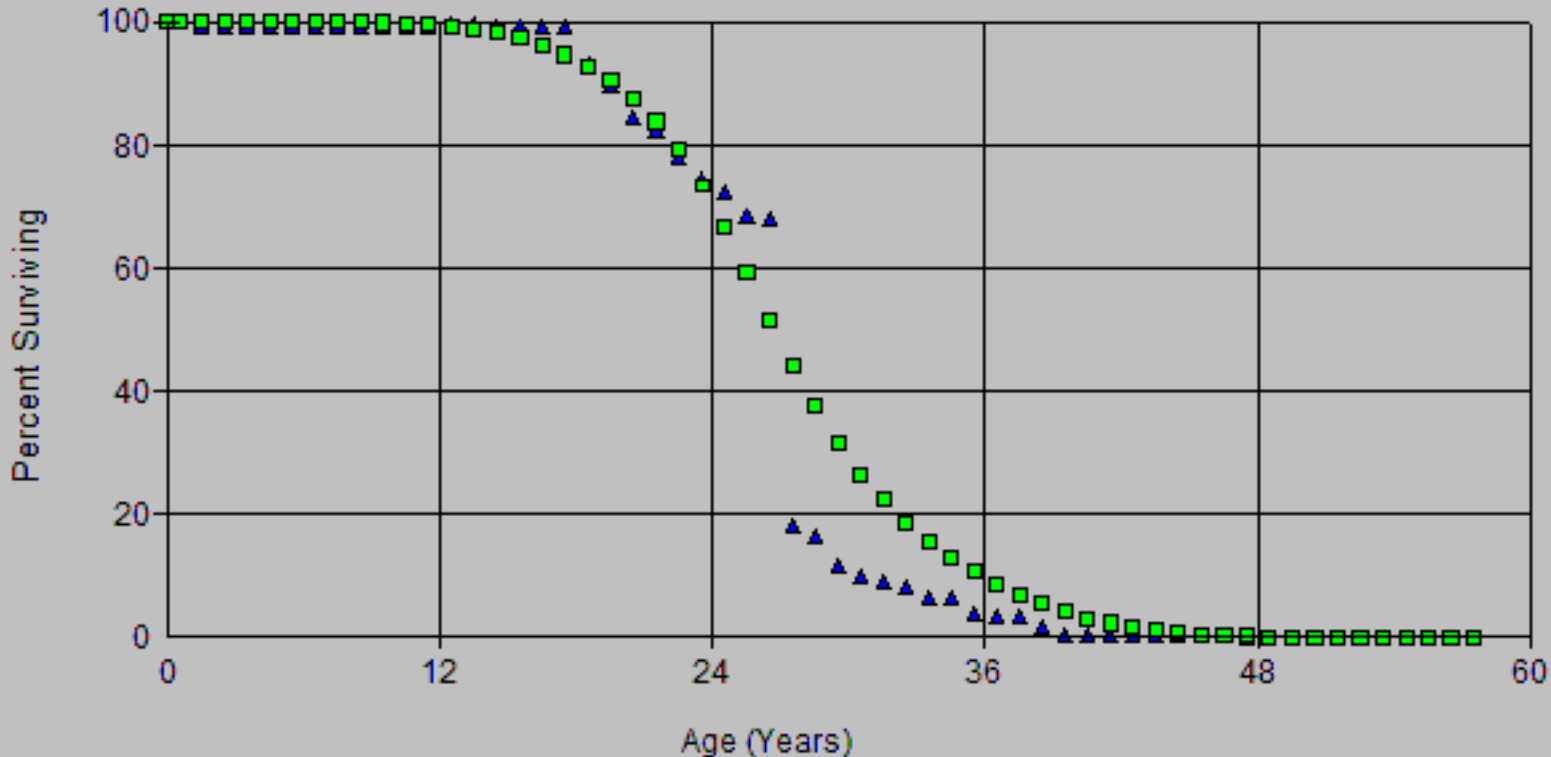


Account: E392.20-Transprt'n Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG APP
 Depreciation

▲ Actual Data

■ L4 27.00

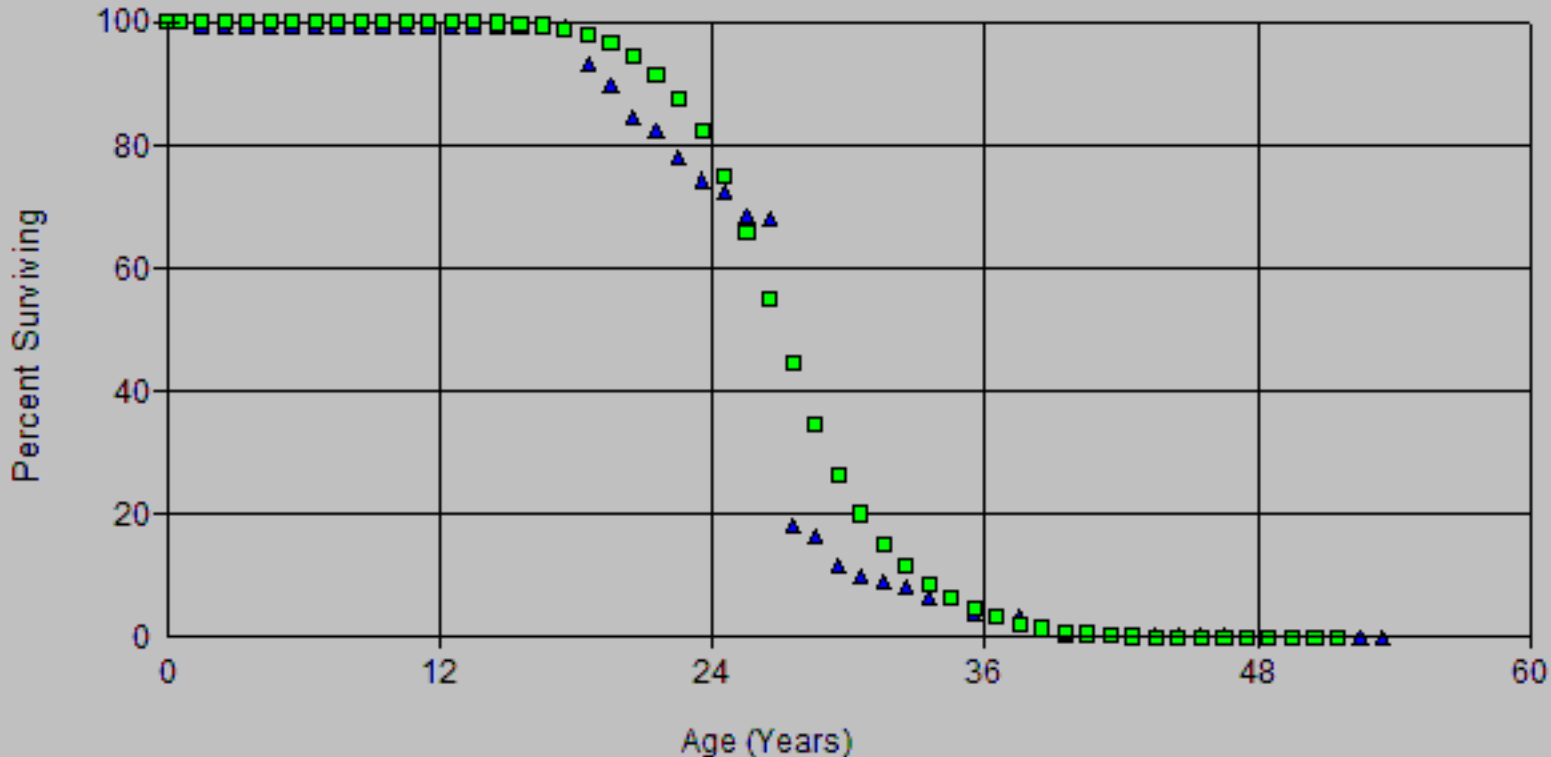


Account: E392.20-Transportn Eq-Trailer
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

■ L5 27.00

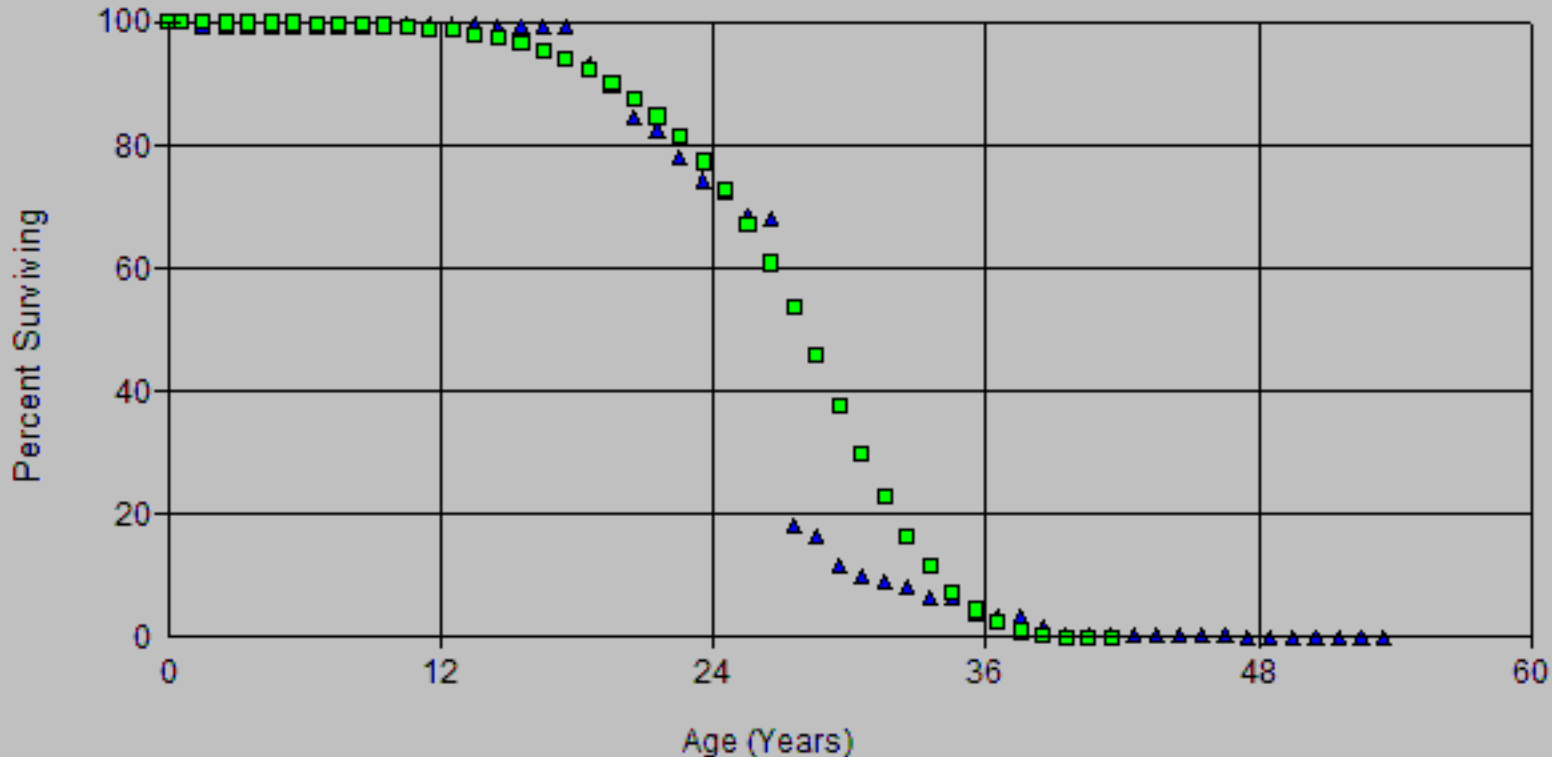


Account: E392.20-Transprt Eqp-Trailer
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRG APP
Depreciation

▲ Actual Data

■ R4 27.00

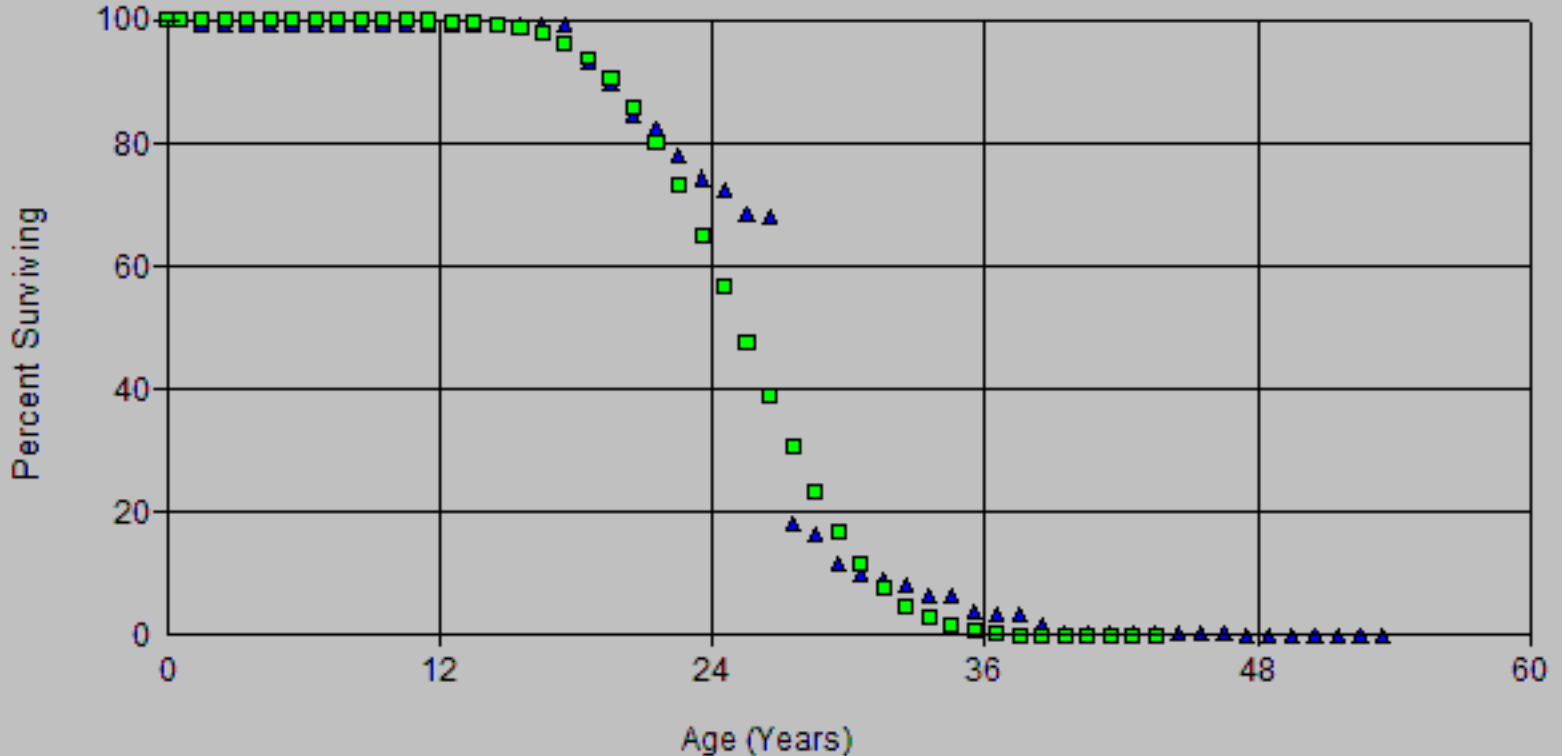


Account: E392.20-Transprt'n Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC APP
 Depreciation

▲ Actual Data

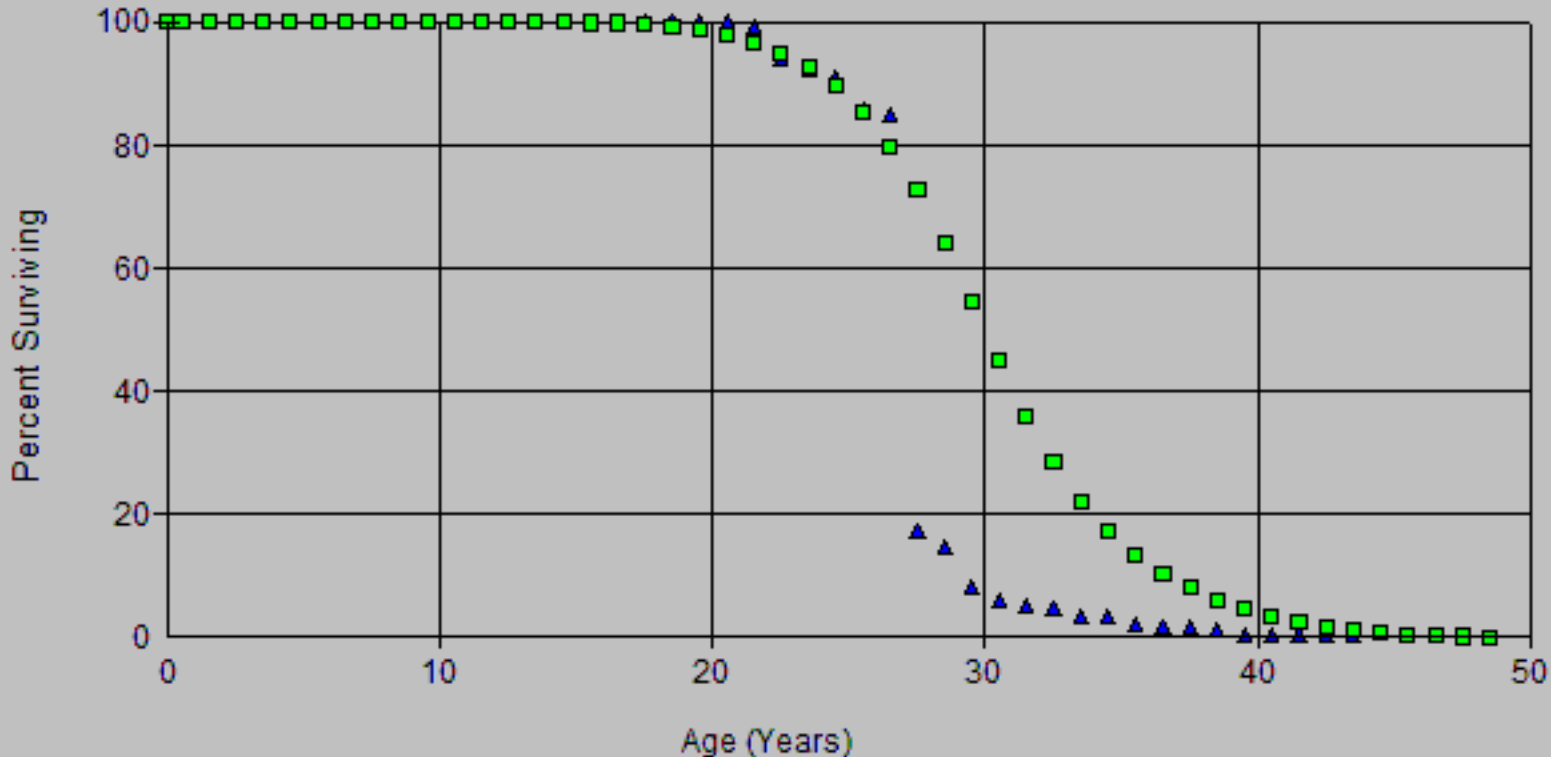
■ S4 25.00



Account: E392.20-Transprt'n Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG LAPP
 Depreciation

▲ Actual Data ■ L5 30.00

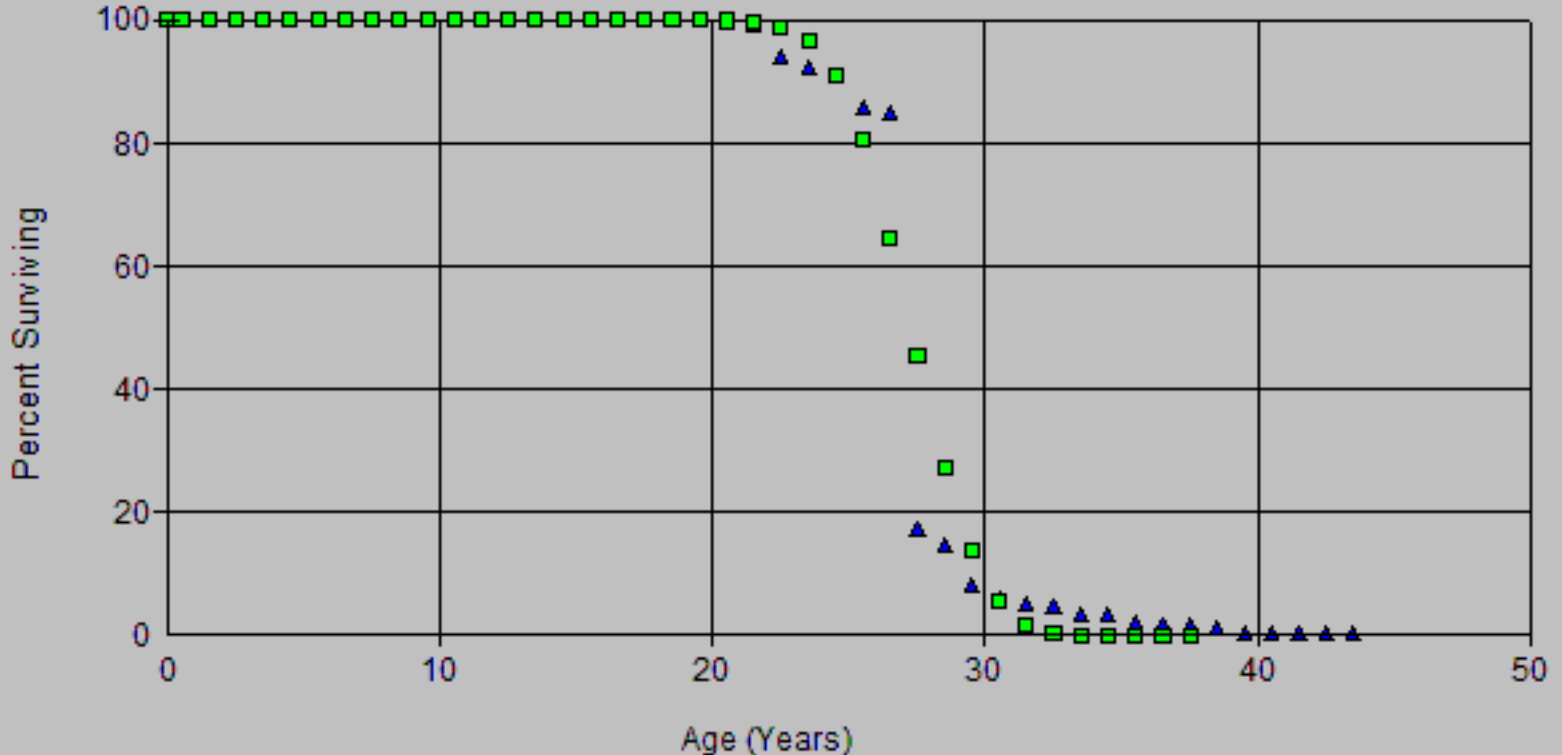


Account: E392.20-Transprt'n Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

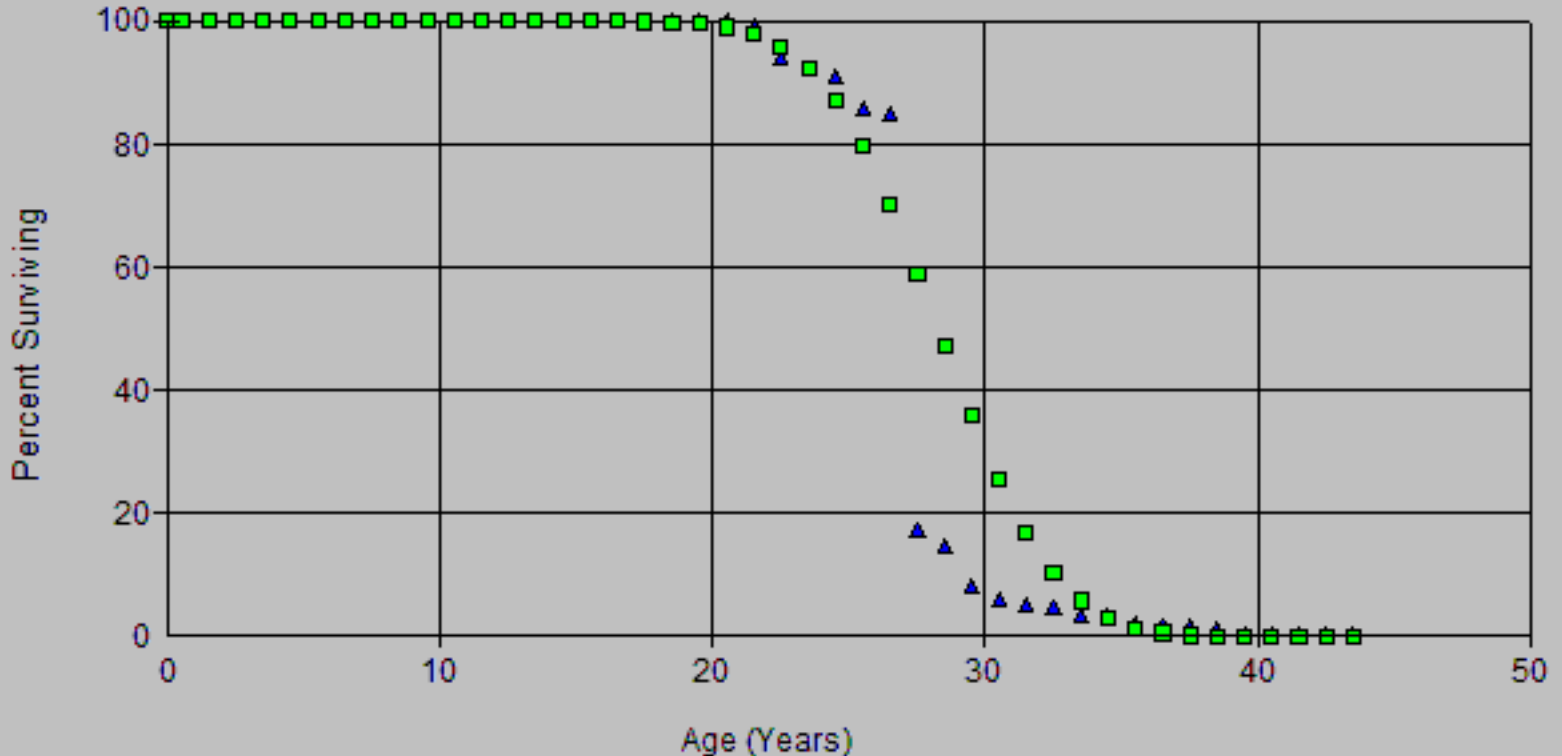
■ S6 27.00



Account: E392.20-Transportn Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data ■ S5 28.00

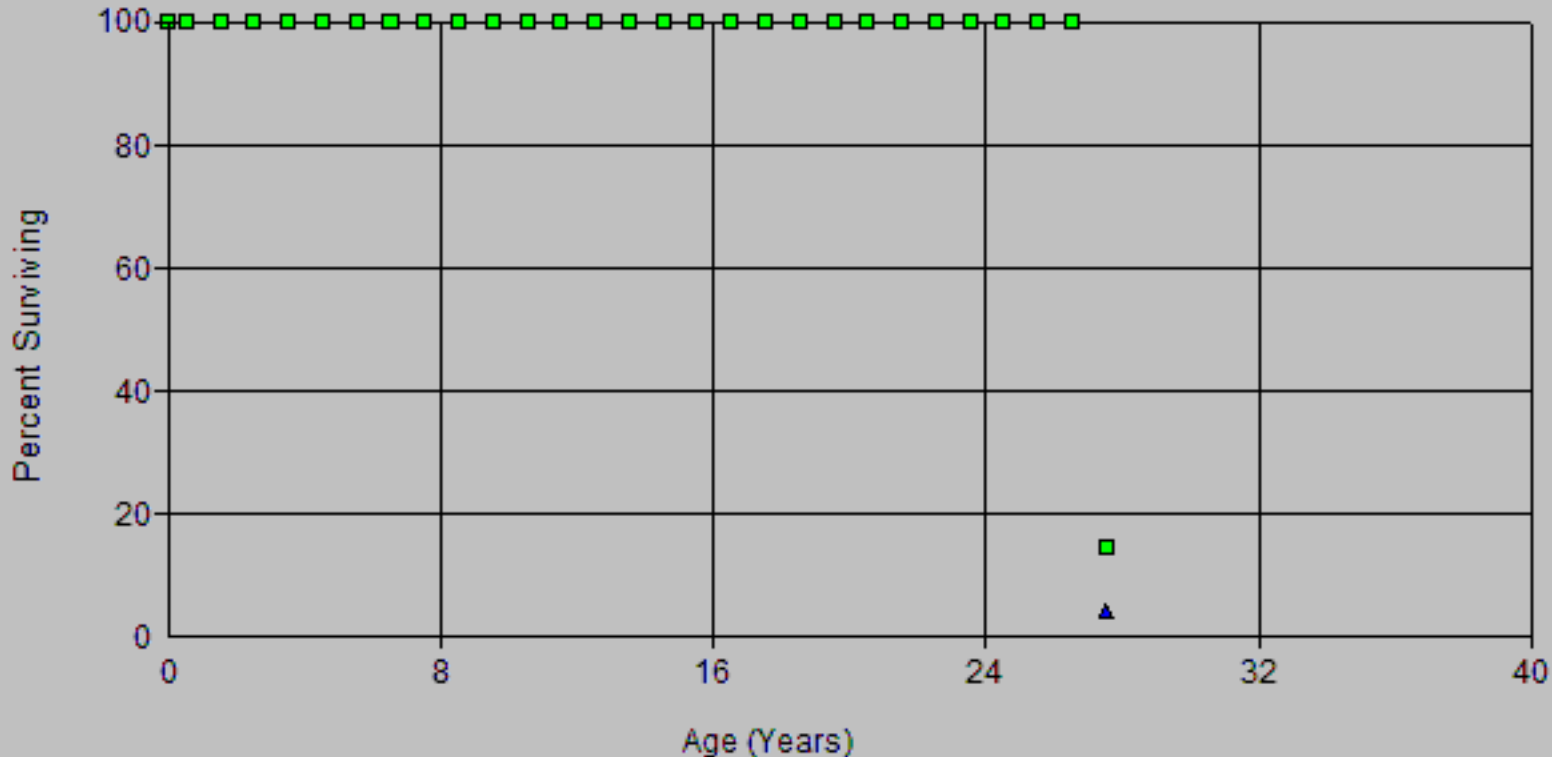


Account: E392.20-Transprt'n Eq-Trailer
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

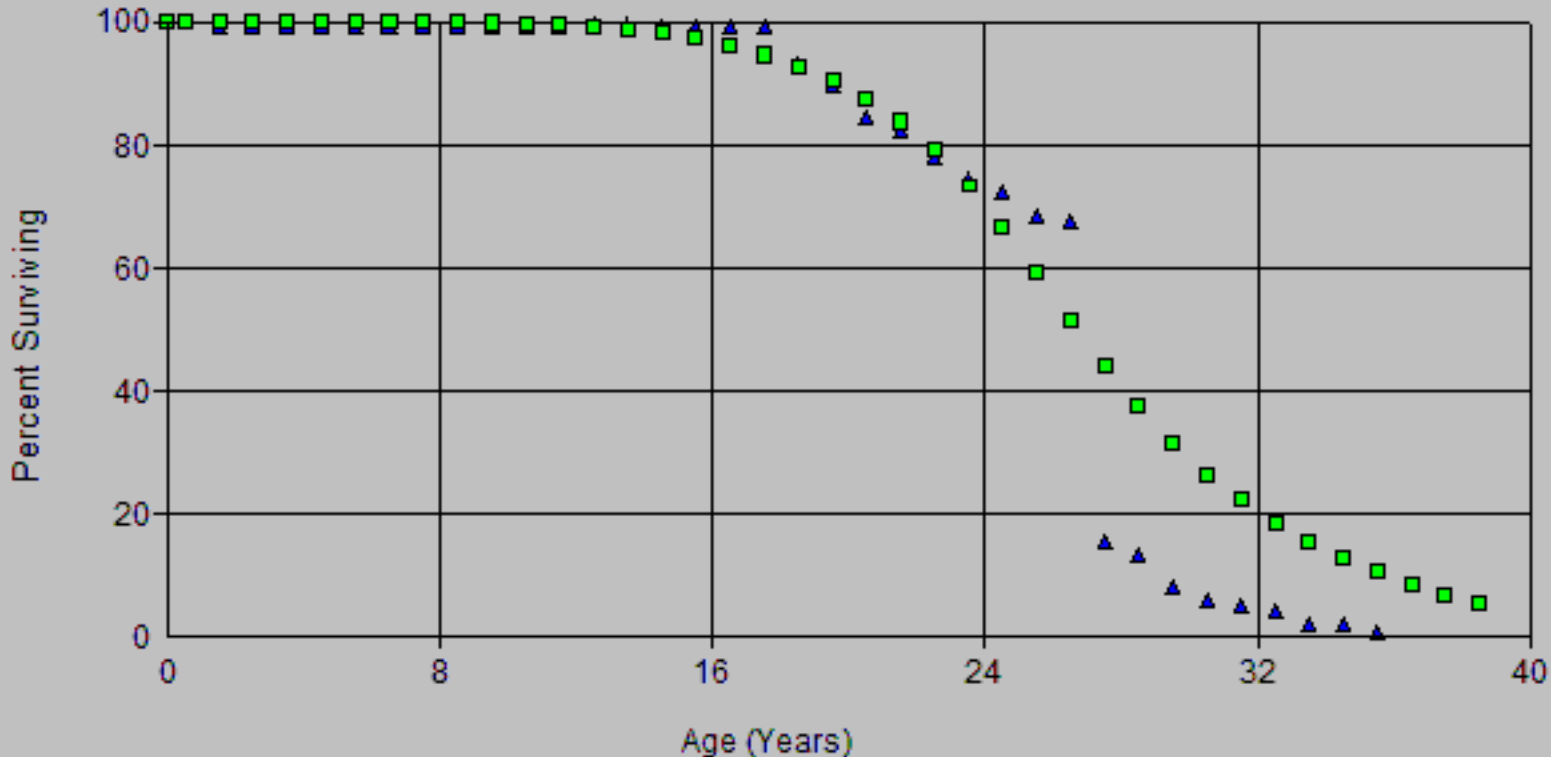
■ SQ 27.00



Account: E392.20-Transprt'n Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD LAPP
 Depreciation

▲ Actual Data ■ L4 27.00

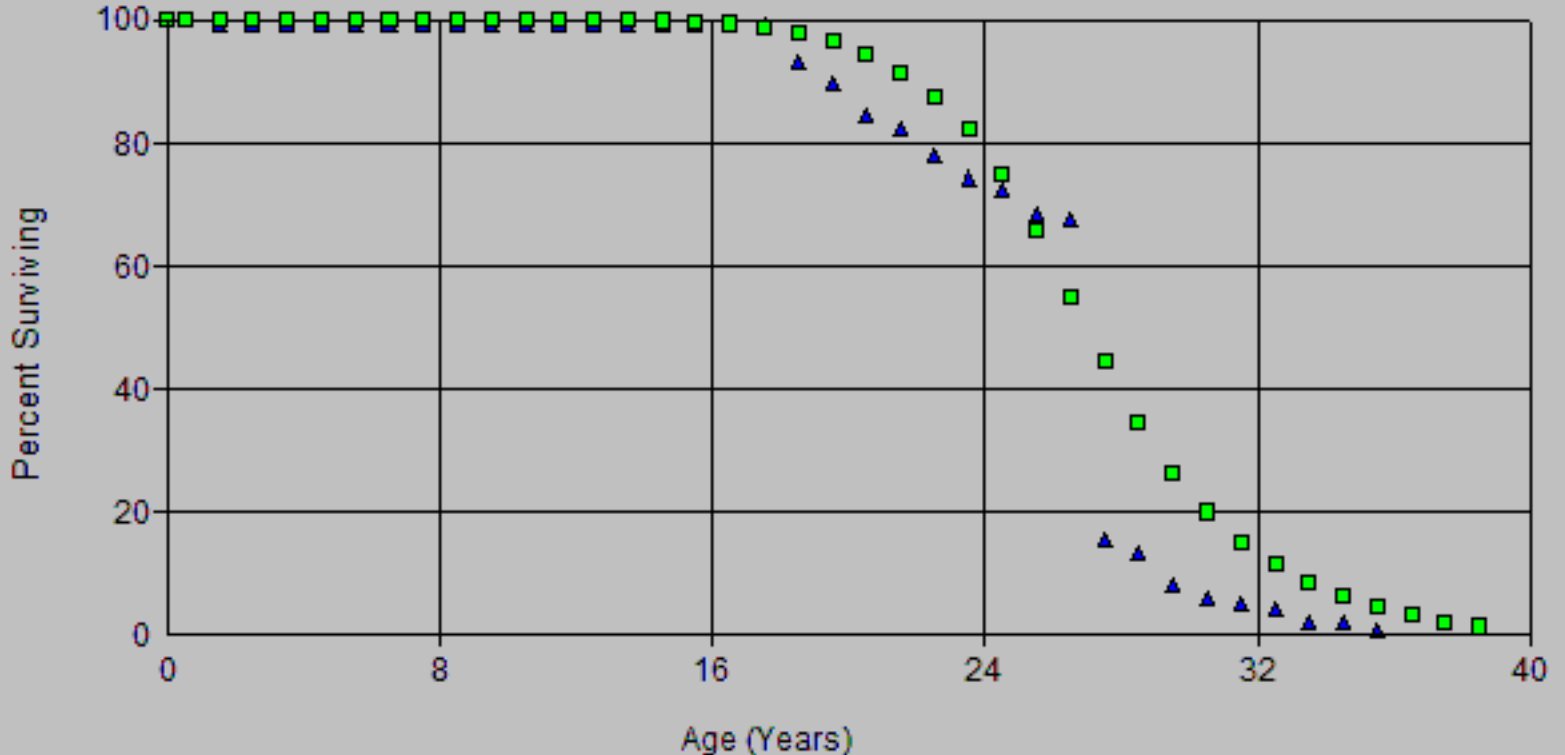


Account: E392.20-Transprt'n Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ L5 27.00

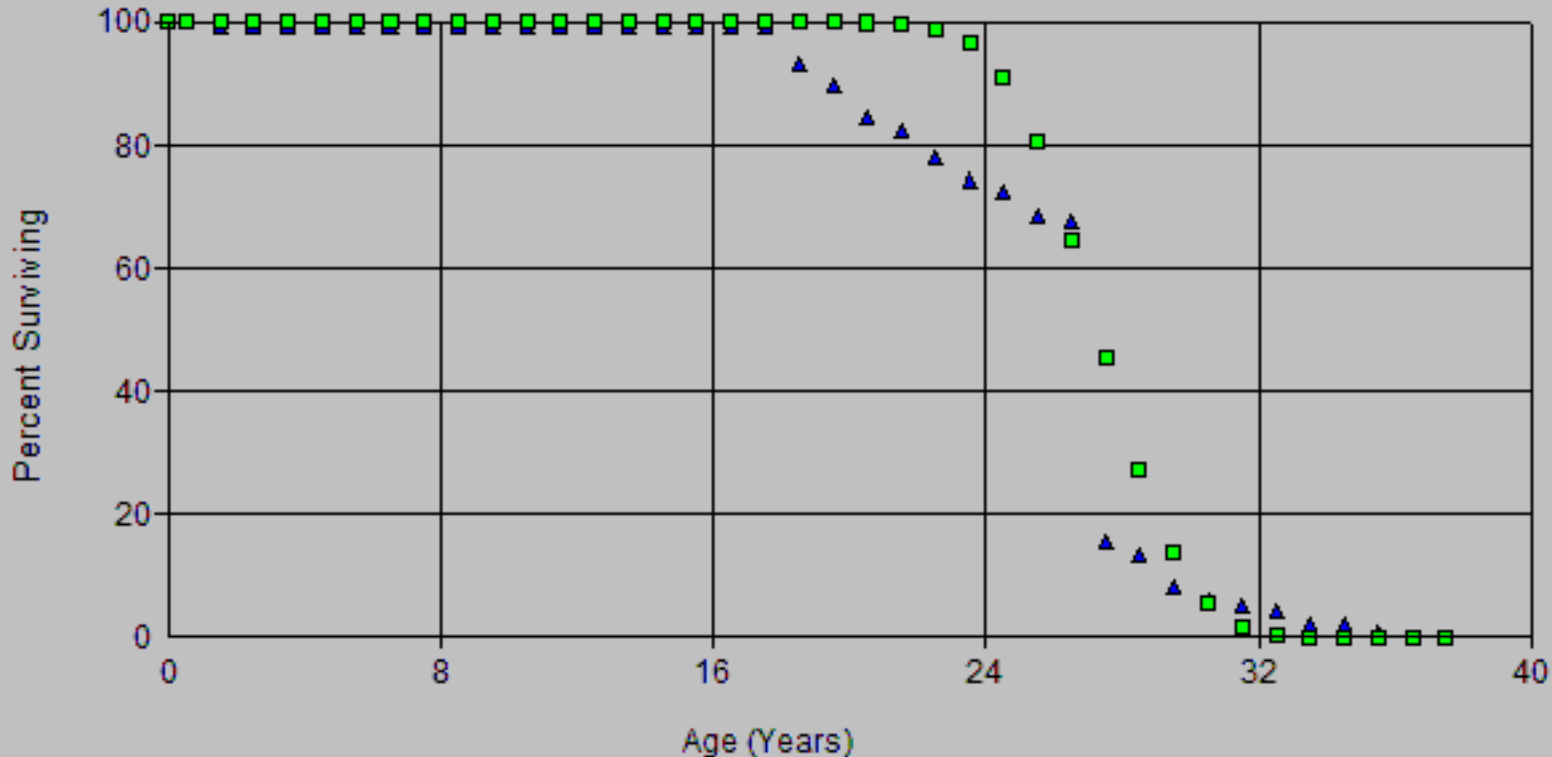


Account: E392.20-Transprt'n Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ S6 27.00

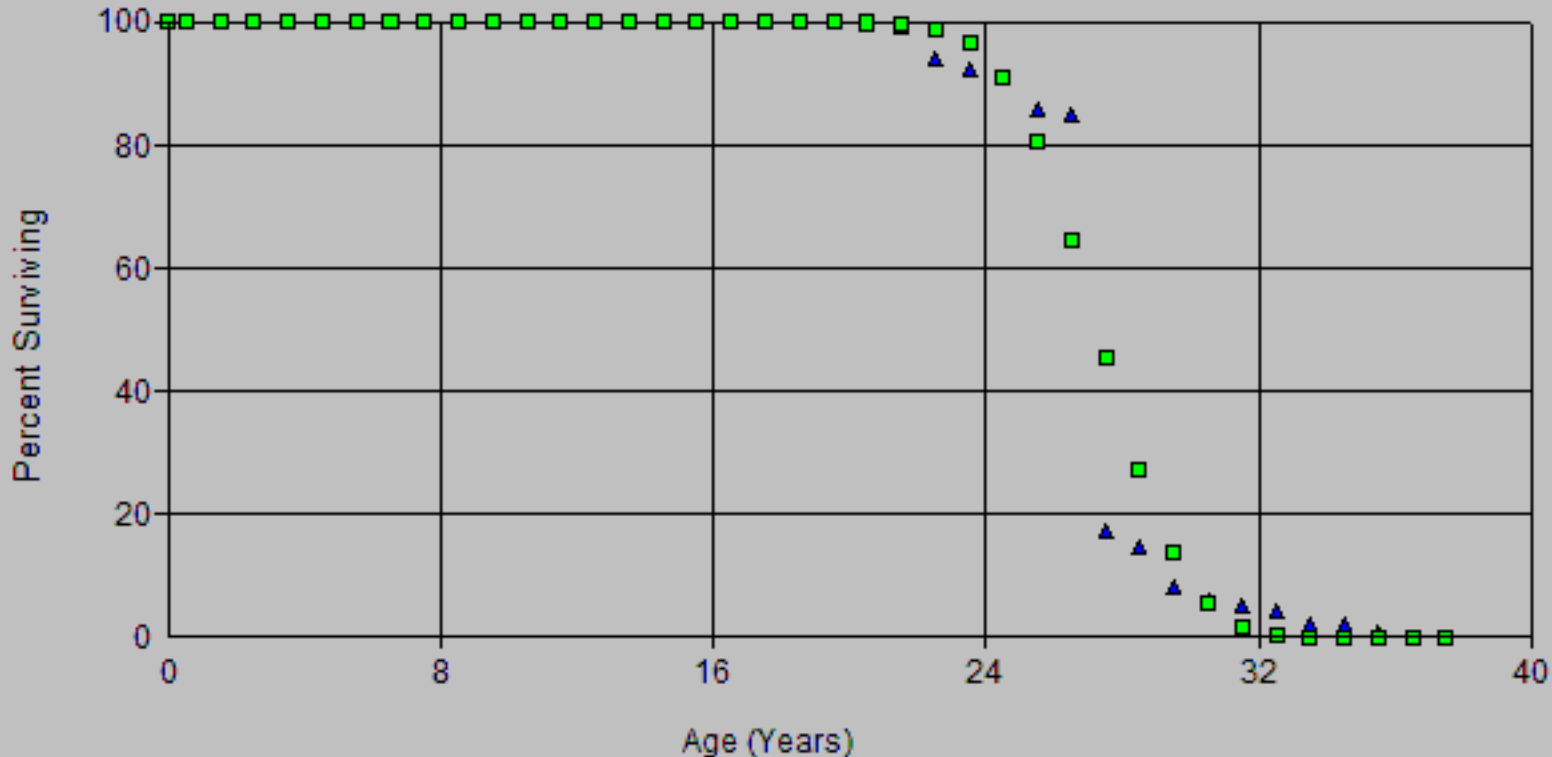


Account: E392.20-Transprt'n Eq-Trailer
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ S6 27.00

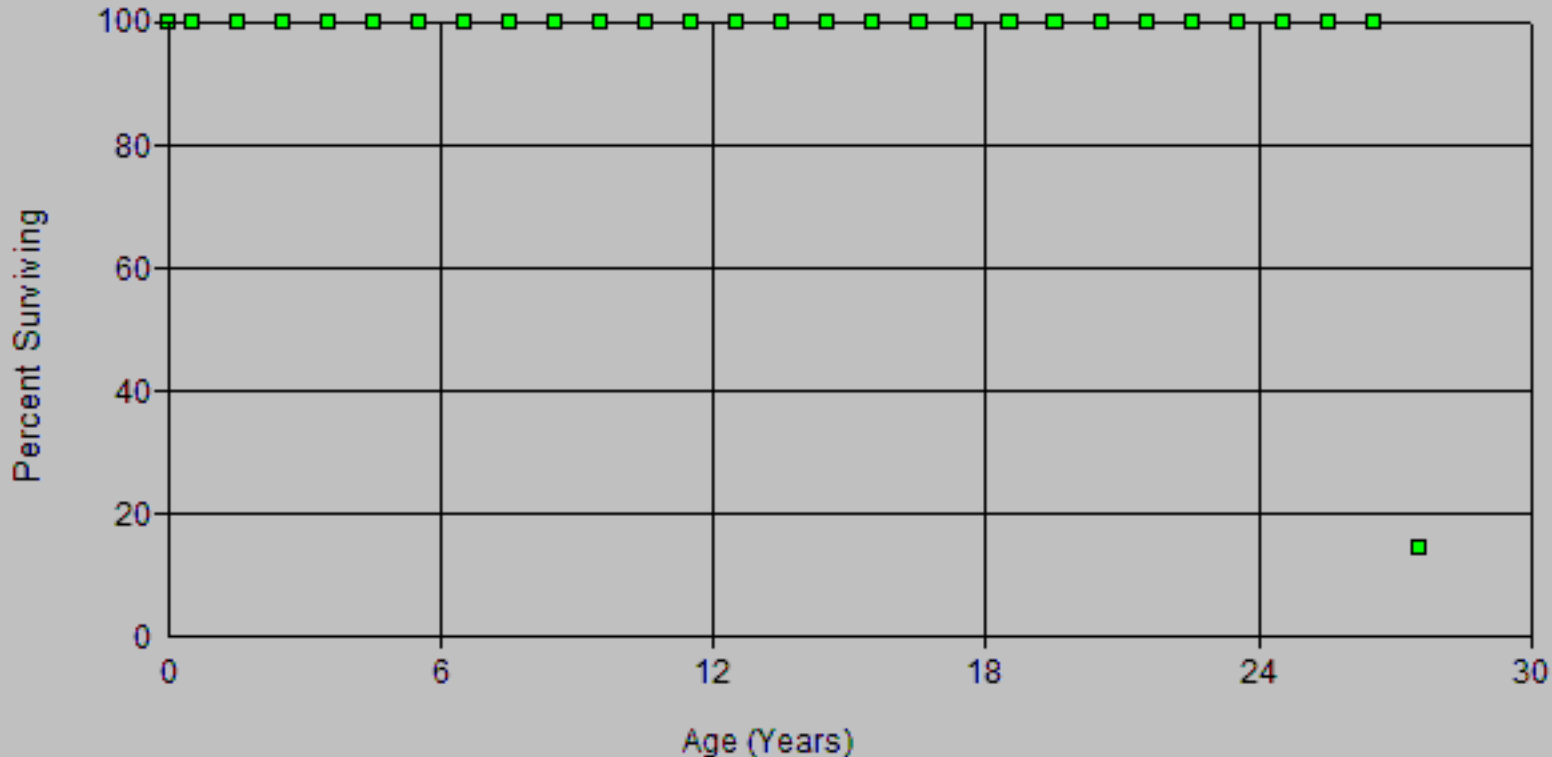


Account: E392.20-Transportn Eq-Trailer
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

■ SQ 27.00



Scenario: SDGE Actuarial @ 2020

Account: E392.20-Transprt Eq-Trailer

Placement Band: 1940 - 2020

Observation Band: 2001 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	39,863.59	0.00	0.00000	1.00000	100.00
0.5	54,863.59	0.00	0.00000	1.00000	100.00
1.5	58,145.67	0.00	0.00000	1.00000	100.00
2.5	58,145.67	0.00	0.00000	1.00000	100.00
3.5	58,145.67	0.00	0.00000	1.00000	100.00
4.5	58,145.67	0.00	0.00000	1.00000	100.00
5.5	58,145.67	0.00	0.00000	1.00000	100.00
6.5	58,145.67	0.00	0.00000	1.00000	100.00
7.5	58,145.67	0.00	0.00000	1.00000	100.00
8.5	58,145.67	0.00	0.00000	1.00000	100.00
9.5	58,145.67	0.00	0.00000	1.00000	100.00
10.5	18,282.08	0.00	0.00000	1.00000	100.00
11.5	18,282.08	0.00	0.00000	1.00000	100.00
12.5	18,282.08	0.00	0.00000	1.00000	100.00
13.5	18,282.08	0.00	0.00000	1.00000	100.00
14.5	18,282.08	0.00	0.00000	1.00000	100.00
15.5	18,282.08	0.00	0.00000	1.00000	100.00
16.5	18,282.08	0.00	0.00000	1.00000	100.00
17.5	26,033.57	0.00	0.00000	1.00000	100.00
18.5	175,978.94	0.00	0.00000	1.00000	100.00
19.5	175,978.94	0.00	0.00000	1.00000	100.00
20.5	160,978.94	0.00	0.00000	1.00000	100.00
21.5	157,696.86	0.00	0.00000	1.00000	100.00
22.5	157,696.86	0.00	0.00000	1.00000	100.00
23.5	157,696.86	0.00	0.00000	1.00000	100.00
24.5	158,623.93	0.00	0.00000	1.00000	100.00
25.5	164,732.99	0.00	0.00000	1.00000	100.00
26.5	164,732.99	157,696.86	0.95729	0.04271	100.00
27.5	7,036.13	7,036.13	1.00000	0.00000	4.27
28.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: E392.20-Transprt Eq-Trailer

Placement Band: 1940 - 2020

Observation Band: 1984 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	43,426.67	0.00	0.00000	1.00000	100.00
0.5	66,178.16	281.00	0.00425	0.99575	100.00
1.5	215,842.53	0.00	0.00000	1.00000	99.58
2.5	215,842.53	0.00	0.00000	1.00000	99.58
3.5	215,842.53	0.00	0.00000	1.00000	99.58
4.5	215,842.53	0.00	0.00000	1.00000	99.58
5.5	215,842.53	0.00	0.00000	1.00000	99.58
6.5	215,842.53	0.00	0.00000	1.00000	99.58
7.5	216,769.60	0.00	0.00000	1.00000	99.58
8.5	224,483.66	0.00	0.00000	1.00000	99.58
9.5	224,483.66	0.00	0.00000	1.00000	99.58
10.5	185,181.07	0.00	0.00000	1.00000	99.58
11.5	185,181.07	0.00	0.00000	1.00000	99.58
12.5	220,042.07	0.00	0.00000	1.00000	99.58
13.5	256,792.69	535.00	0.00208	0.99792	99.58
14.5	299,427.17	0.00	0.00000	1.00000	99.37
15.5	302,736.58	0.00	0.00000	1.00000	99.37
16.5	319,464.36	281.00	0.00088	0.99912	99.37
17.5	331,671.45	19,550.00	0.05894	0.94106	99.28
18.5	312,121.45	11,728.00	0.03758	0.96242	93.43
19.5	304,417.41	18,319.00	0.06018	0.93982	89.92
20.5	273,618.63	6,540.00	0.02390	0.97610	84.51
21.5	263,796.55	14,522.00	0.05505	0.94495	82.49
22.5	254,132.55	11,739.00	0.04619	0.95381	77.95
23.5	248,866.10	6,874.00	0.02762	0.97238	74.35
24.5	245,489.10	12,812.00	0.05219	0.94781	72.29
25.5	234,418.10	1,638.00	0.00699	0.99301	68.52
26.5	232,780.10	170,212.86	0.73122	0.26878	68.04
27.5	66,260.24	7,036.13	0.10619	0.89381	18.29
28.5	61,747.69	17,335.62	0.28075	0.71925	16.35
29.5	46,843.07	8,000.48	0.17079	0.82921	11.76
30.5	38,842.59	3,245.41	0.08355	0.91645	9.75
31.5	35,597.18	2,782.78	0.07817	0.92183	8.93
32.5	36,598.40	7,213.09	0.19709	0.80291	8.24
33.5	29,385.31	0.00	0.00000	1.00000	6.61
34.5	33,367.31	13,933.96	0.41759	0.58241	6.61
35.5	19,433.35	2,960.22	0.15233	0.84767	3.85
36.5	16,473.13	0.00	0.00000	1.00000	3.26
37.5	16,473.13	7,477.00	0.45389	0.54611	3.26
38.5	8,996.13	6,472.55	0.71948	0.28052	1.78
39.5	2,523.58	0.00	0.00000	1.00000	0.50
40.5	2,523.58	0.00	0.00000	1.00000	0.50
41.5	3,044.58	0.00	0.00000	1.00000	0.50
42.5	3,843.58	0.00	0.00000	1.00000	0.50
43.5	5,465.58	2,523.58	0.46172	0.53828	0.50
44.5	2,942.00	0.00	0.00000	1.00000	0.27
45.5	2,942.00	0.00	0.00000	1.00000	0.27
46.5	2,942.00	1,320.00	0.44867	0.55133	0.27
47.5	1,622.00	0.00	0.00000	1.00000	0.15
48.5	1,622.00	0.00	0.00000	1.00000	0.15
49.5	1,622.00	0.00	0.00000	1.00000	0.15
50.5	1,622.00	0.00	0.00000	1.00000	0.15
51.5	1,622.00	0.00	0.00000	1.00000	0.15
52.5	1,622.00	0.00	0.00000	1.00000	0.15

Scenario: SDGE Actuarial @ 2020
 Account: E392.20-Transprt Eq-Trailer
 Placement Band: 1940 - 2020

Observation Band: 1984 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,622.00	1,622.00	1.00000	0.00000	0.15
54.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: E392.20-Transprt Eq-Trailer

Placement Band: 1940 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	43,145.67	0.00	0.00000	1.00000	100.00
0.5	58,145.67	0.00	0.00000	1.00000	100.00
1.5	58,145.67	0.00	0.00000	1.00000	100.00
2.5	58,145.67	0.00	0.00000	1.00000	100.00
3.5	58,145.67	0.00	0.00000	1.00000	100.00
4.5	58,145.67	0.00	0.00000	1.00000	100.00
5.5	58,145.67	0.00	0.00000	1.00000	100.00
6.5	58,145.67	0.00	0.00000	1.00000	100.00
7.5	65,897.16	0.00	0.00000	1.00000	100.00
8.5	215,842.53	0.00	0.00000	1.00000	100.00
9.5	215,842.53	0.00	0.00000	1.00000	100.00
10.5	175,978.94	0.00	0.00000	1.00000	100.00
11.5	175,978.94	0.00	0.00000	1.00000	100.00
12.5	175,978.94	0.00	0.00000	1.00000	100.00
13.5	175,978.94	0.00	0.00000	1.00000	100.00
14.5	176,906.01	0.00	0.00000	1.00000	100.00
15.5	184,085.07	0.00	0.00000	1.00000	100.00
16.5	184,085.07	0.00	0.00000	1.00000	100.00
17.5	184,365.07	0.00	0.00000	1.00000	100.00
18.5	184,365.07	0.00	0.00000	1.00000	100.00
19.5	199,242.07	0.00	0.00000	1.00000	100.00
20.5	211,142.69	1,070.00	0.00507	0.99493	100.00
21.5	233,811.09	12,203.00	0.05219	0.94781	99.49
22.5	224,853.50	4,264.00	0.01896	0.98104	94.30
23.5	223,372.28	3,839.00	0.01719	0.98281	92.51
24.5	224,117.37	12,812.00	0.05717	0.94283	90.92
25.5	211,305.37	1,638.00	0.00775	0.99225	85.72
26.5	213,691.33	170,212.86	0.79654	0.20346	85.06
27.5	45,998.69	7,036.13	0.15296	0.84704	17.31
28.5	38,962.56	17,335.62	0.44493	0.55507	14.66
29.5	26,484.94	6,699.48	0.25295	0.74705	8.14
30.5	26,258.01	3,245.41	0.12360	0.87640	6.08
31.5	26,509.60	2,782.78	0.10497	0.89503	5.33
32.5	24,166.82	7,213.09	0.29847	0.70153	4.77
33.5	16,953.73	0.00	0.00000	1.00000	3.35
34.5	20,646.73	7,520.96	0.36427	0.63573	3.35
35.5	15,649.35	2,960.22	0.18916	0.81084	2.13
36.5	12,689.13	0.00	0.00000	1.00000	1.73
37.5	12,689.13	3,693.00	0.29104	0.70896	1.73
38.5	8,996.13	6,472.55	0.71948	0.28052	1.22
39.5	2,523.58	0.00	0.00000	1.00000	0.34
40.5	2,523.58	0.00	0.00000	1.00000	0.34
41.5	2,523.58	0.00	0.00000	1.00000	0.34
42.5	2,523.58	0.00	0.00000	1.00000	0.34
43.5	2,523.58	2,523.58	1.00000	0.00000	0.34
44.5	0.00	0.00	0.00000	1.00000	0.00
45.5	0.00	0.00	0.00000	1.00000	0.00
46.5	0.00	0.00	0.00000	1.00000	0.00
47.5	0.00	0.00	0.00000	1.00000	0.00
48.5	0.00	0.00	0.00000	1.00000	0.00
49.5	0.00	0.00	0.00000	1.00000	0.00
50.5	1,622.00	0.00	0.00000	1.00000	0.00
51.5	1,622.00	0.00	0.00000	1.00000	0.00
52.5	1,622.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: E392.20-Transprt Eq-Trailer

Placement Band: 1940 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,622.00	1,622.00	1.00000	0.00000	
54.5	0.00	0.00	0.00000	1.00000	

SDG&E
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Scenario: SDGE Actuarial @ 2020

Account: E392.20-Transprt Eq-Trailer

Placement Band: 1961 - 2020

Observation Band: 2001 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	39,863.59	0.00	0.00000	1.00000	100.00
0.5	54,863.59	0.00	0.00000	1.00000	100.00
1.5	58,145.67	0.00	0.00000	1.00000	100.00
2.5	58,145.67	0.00	0.00000	1.00000	100.00
3.5	58,145.67	0.00	0.00000	1.00000	100.00
4.5	58,145.67	0.00	0.00000	1.00000	100.00
5.5	58,145.67	0.00	0.00000	1.00000	100.00
6.5	58,145.67	0.00	0.00000	1.00000	100.00
7.5	58,145.67	0.00	0.00000	1.00000	100.00
8.5	58,145.67	0.00	0.00000	1.00000	100.00
9.5	58,145.67	0.00	0.00000	1.00000	100.00
10.5	18,282.08	0.00	0.00000	1.00000	100.00
11.5	18,282.08	0.00	0.00000	1.00000	100.00
12.5	18,282.08	0.00	0.00000	1.00000	100.00
13.5	18,282.08	0.00	0.00000	1.00000	100.00
14.5	18,282.08	0.00	0.00000	1.00000	100.00
15.5	18,282.08	0.00	0.00000	1.00000	100.00
16.5	18,282.08	0.00	0.00000	1.00000	100.00
17.5	26,033.57	0.00	0.00000	1.00000	100.00
18.5	175,978.94	0.00	0.00000	1.00000	100.00
19.5	175,978.94	0.00	0.00000	1.00000	100.00
20.5	160,978.94	0.00	0.00000	1.00000	100.00
21.5	157,696.86	0.00	0.00000	1.00000	100.00
22.5	157,696.86	0.00	0.00000	1.00000	100.00
23.5	157,696.86	0.00	0.00000	1.00000	100.00
24.5	158,623.93	0.00	0.00000	1.00000	100.00
25.5	164,732.99	0.00	0.00000	1.00000	100.00
26.5	164,732.99	157,696.86	0.95729	0.04271	100.00
27.5	7,036.13	7,036.13	1.00000	0.00000	4.27
28.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: E392.20-Transprt Eq-Trailer

Placement Band: 1961 - 2020

Observation Band: 1984 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	43,426.67	0.00	0.00000	1.00000	100.00
0.5	66,178.16	281.00	0.00425	0.99575	100.00
1.5	215,842.53	0.00	0.00000	1.00000	99.58
2.5	215,842.53	0.00	0.00000	1.00000	99.58
3.5	215,842.53	0.00	0.00000	1.00000	99.58
4.5	215,842.53	0.00	0.00000	1.00000	99.58
5.5	215,842.53	0.00	0.00000	1.00000	99.58
6.5	215,842.53	0.00	0.00000	1.00000	99.58
7.5	216,769.60	0.00	0.00000	1.00000	99.58
8.5	224,483.66	0.00	0.00000	1.00000	99.58
9.5	224,483.66	0.00	0.00000	1.00000	99.58
10.5	185,181.07	0.00	0.00000	1.00000	99.58
11.5	185,181.07	0.00	0.00000	1.00000	99.58
12.5	220,042.07	0.00	0.00000	1.00000	99.58
13.5	256,792.69	535.00	0.00208	0.99792	99.58
14.5	299,427.17	0.00	0.00000	1.00000	99.37
15.5	302,736.58	0.00	0.00000	1.00000	99.37
16.5	319,464.36	281.00	0.00088	0.99912	99.37
17.5	331,671.45	19,550.00	0.05894	0.94106	99.28
18.5	312,121.45	11,728.00	0.03758	0.96242	93.43
19.5	304,417.41	18,319.00	0.06018	0.93982	89.92
20.5	273,618.63	6,540.00	0.02390	0.97610	84.51
21.5	263,796.55	14,522.00	0.05505	0.94495	82.49
22.5	254,132.55	11,739.00	0.04619	0.95381	77.95
23.5	242,393.55	6,874.00	0.02836	0.97164	74.35
24.5	235,519.55	12,812.00	0.05440	0.94560	72.24
25.5	222,707.55	1,638.00	0.00735	0.99265	68.31
26.5	221,069.55	170,212.86	0.76995	0.23005	67.81
27.5	50,856.69	7,036.13	0.13835	0.86165	15.60
28.5	43,820.56	17,335.62	0.39560	0.60440	13.44
29.5	26,484.94	6,699.48	0.25295	0.74705	8.12
30.5	19,785.46	3,245.41	0.16403	0.83597	6.07
31.5	16,540.05	2,782.78	0.16824	0.83176	5.07
32.5	13,757.27	7,213.09	0.52431	0.47569	4.22
33.5	6,544.18	0.00	0.00000	1.00000	2.01
34.5	6,544.18	4,023.96	0.61489	0.38511	2.01
35.5	2,520.22	2,520.22	1.00000	0.00000	0.77
36.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: E392.20-Transprt Eq-Trailer

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	43,145.67	0.00	0.00000	1.00000	100.00
0.5	58,145.67	0.00	0.00000	1.00000	100.00
1.5	58,145.67	0.00	0.00000	1.00000	100.00
2.5	58,145.67	0.00	0.00000	1.00000	100.00
3.5	58,145.67	0.00	0.00000	1.00000	100.00
4.5	58,145.67	0.00	0.00000	1.00000	100.00
5.5	58,145.67	0.00	0.00000	1.00000	100.00
6.5	58,145.67	0.00	0.00000	1.00000	100.00
7.5	65,897.16	0.00	0.00000	1.00000	100.00
8.5	215,842.53	0.00	0.00000	1.00000	100.00
9.5	215,842.53	0.00	0.00000	1.00000	100.00
10.5	175,978.94	0.00	0.00000	1.00000	100.00
11.5	175,978.94	0.00	0.00000	1.00000	100.00
12.5	175,978.94	0.00	0.00000	1.00000	100.00
13.5	175,978.94	0.00	0.00000	1.00000	100.00
14.5	176,906.01	0.00	0.00000	1.00000	100.00
15.5	184,085.07	0.00	0.00000	1.00000	100.00
16.5	184,085.07	0.00	0.00000	1.00000	100.00
17.5	184,365.07	0.00	0.00000	1.00000	100.00
18.5	184,365.07	0.00	0.00000	1.00000	100.00
19.5	199,242.07	0.00	0.00000	1.00000	100.00
20.5	211,142.69	1,070.00	0.00507	0.99493	100.00
21.5	233,811.09	12,203.00	0.05219	0.94781	99.49
22.5	224,853.50	4,264.00	0.01896	0.98104	94.30
23.5	223,372.28	3,839.00	0.01719	0.98281	92.51
24.5	224,117.37	12,812.00	0.05717	0.94283	90.92
25.5	211,305.37	1,638.00	0.00775	0.99225	85.72
26.5	213,691.33	170,212.86	0.79654	0.20346	85.06
27.5	45,998.69	7,036.13	0.15296	0.84704	17.31
28.5	38,962.56	17,335.62	0.44493	0.55507	14.66
29.5	26,484.94	6,699.48	0.25295	0.74705	8.14
30.5	19,785.46	3,245.41	0.16403	0.83597	6.08
31.5	16,540.05	2,782.78	0.16824	0.83176	5.08
32.5	13,757.27	7,213.09	0.52431	0.47569	4.23
33.5	6,544.18	0.00	0.00000	1.00000	2.01
34.5	6,544.18	4,023.96	0.61489	0.38511	2.01
35.5	2,520.22	2,520.22	1.00000	0.00000	0.77
36.5	0.00	0.00	0.00000	1.00000	0.00

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 Observed Life Table 2024 GRC - APP
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Scenario: SDGE Actuarial @ 2020

Account: E392.20-Transprt Eq-Trailer

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	43,145.67	0.00	0.00000	1.00000	100.00
0.5	58,145.67	0.00	0.00000	1.00000	100.00
1.5	58,145.67	0.00	0.00000	1.00000	100.00
2.5	58,145.67	0.00	0.00000	1.00000	100.00
3.5	58,145.67	0.00	0.00000	1.00000	100.00
4.5	58,145.67	0.00	0.00000	1.00000	100.00
5.5	58,145.67	0.00	0.00000	1.00000	100.00
6.5	58,145.67	0.00	0.00000	1.00000	100.00
7.5	58,145.67	0.00	0.00000	1.00000	100.00
8.5	58,145.67	0.00	0.00000	1.00000	100.00
9.5	58,145.67	0.00	0.00000	1.00000	100.00
10.5	18,282.08	0.00	0.00000	1.00000	100.00
11.5	18,282.08	0.00	0.00000	1.00000	100.00
12.5	18,282.08	0.00	0.00000	1.00000	100.00
13.5	18,282.08	0.00	0.00000	1.00000	100.00
14.5	18,282.08	0.00	0.00000	1.00000	100.00
15.5	18,282.08	0.00	0.00000	1.00000	100.00
16.5	18,282.08	0.00	0.00000	1.00000	100.00
17.5	18,282.08	0.00	0.00000	1.00000	100.00
18.5	18,282.08	0.00	0.00000	1.00000	100.00
19.5	18,282.08	0.00	0.00000	1.00000	100.00
20.5	3,282.08	0.00	0.00000	1.00000	100.00
21.5	0.00	0.00	0.00000	0.00000	100.00

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E392.20-Transprt Eq-Trailer

Scenario: SDGE Actuarial @ 2020

Placement Band: 1940 - 1988

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1984 -1988	45.5	22.14	0.17889405	S1.5	34.47
1985 -1989	46.5	0.00	0.00000000	S6	1.05
1986 -1990	47.5	0.00	0.00000000	S6	1.05
1987 -1991	48.5	0.00	0.00000000	S6	1.05
1988 -1992		0.00			
1989 -1993		0.00			
1990 -1994		0.00			
1991 -1995		0.00			
1992 -1996		0.00			
1993 -1997		0.00			
1994 -1998		0.00			
1995 -1999	49.5	0.00	0.04151074	S4	18.63
1996 -2000	50.5	0.00	0.08372264	L5	17.56
1997 -2001	51.5	0.00	0.08883213	S6	21.46
1998 -2002	52.5	0.00	0.11075531	SQ	21.40
1999 -2003	53.5	0.00	0.00000000	SQ	20.20
2000 -2004	54.5	0.00	0.00000000	SQ	20.20
2001 -2005		0.00			
2002 -2006		0.00			
2003 -2007		0.00			
2004 -2008		0.00			
2005 -2009		0.00			
2006 -2010	55.5	0.00	0.00000000	SQ	15.20
2007 -2011	56.5	0.00	0.00000000	SQ	15.20
2008 -2012	57.5	0.00	0.00000000	SQ	15.20
2009 -2013	58.5	0.00	0.00000000	SQ	15.20
2010 -2014	59.5	0.00	0.00000000	SQ	15.20
2011 -2015		0.00			
2012 -2016		0.00			
2013 -2017		0.00			
2014 -2018		0.00			
2015 -2019		0.00			
2016 -2020		0.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E392.20-Transprtn Eq-Trailer

Scenario: SDGE Actuarial @ 2020

Placement Band: 1940 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

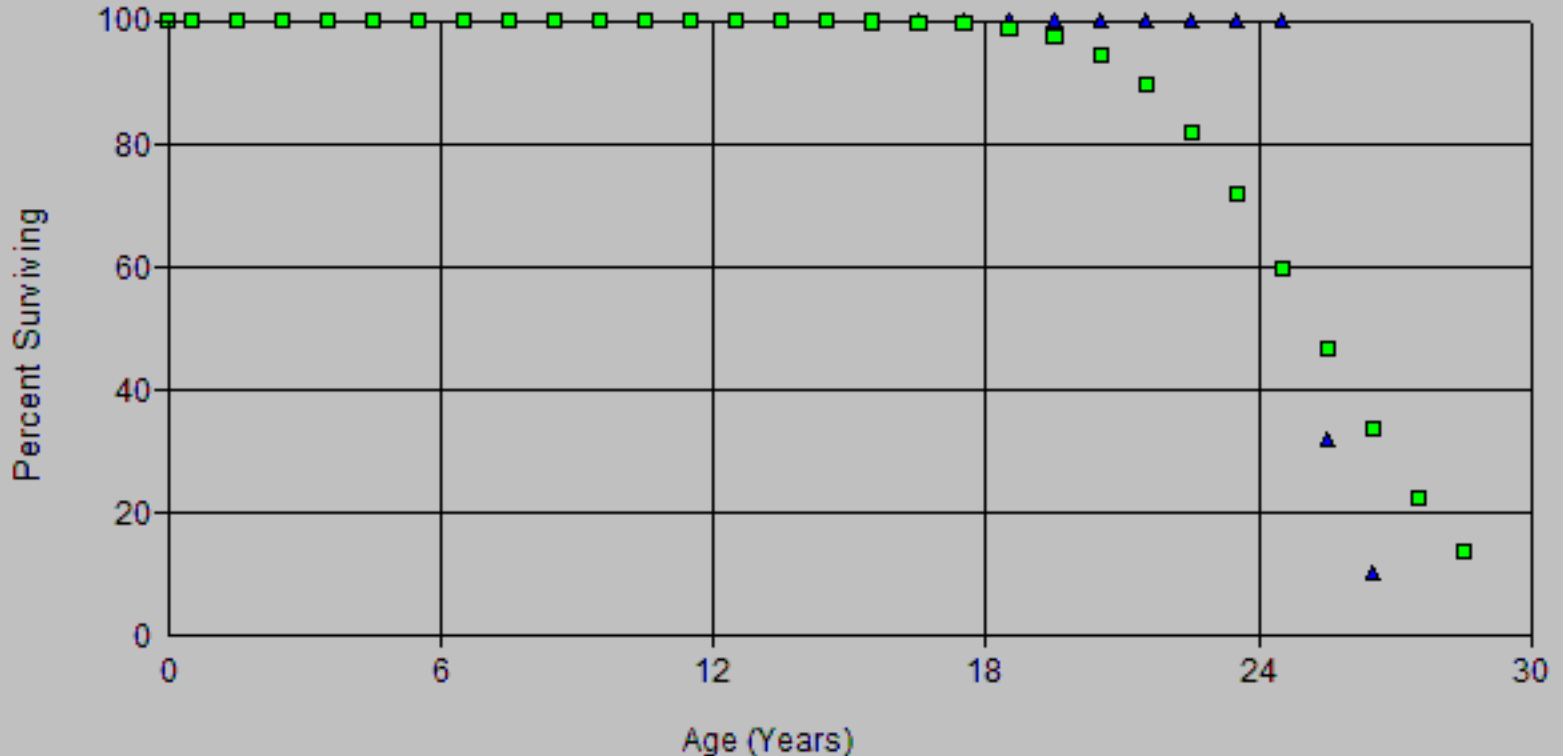
Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1984 -2020	80.5	0.00	0.13272810	R5	26.11
1989 -2020	80.5	0.00	0.14001551	R5	25.69
1994 -2020	80.5	0.00	0.06276527	SQ	27.30
1999 -2020	80.5	0.00	0.03101796	SQ	27.29
2004 -2020	80.5	0.00	0.00000000	SQ	27.20
2009 -2020	80.5	0.00	0.00000000	SQ	27.20
2014 -2020		0.00			
2019 -2020		0.00			

Account: E393.10 - Stores Equip.-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CRO - APP
 Depreciation

▲ Actual Data

■ S5 25.00

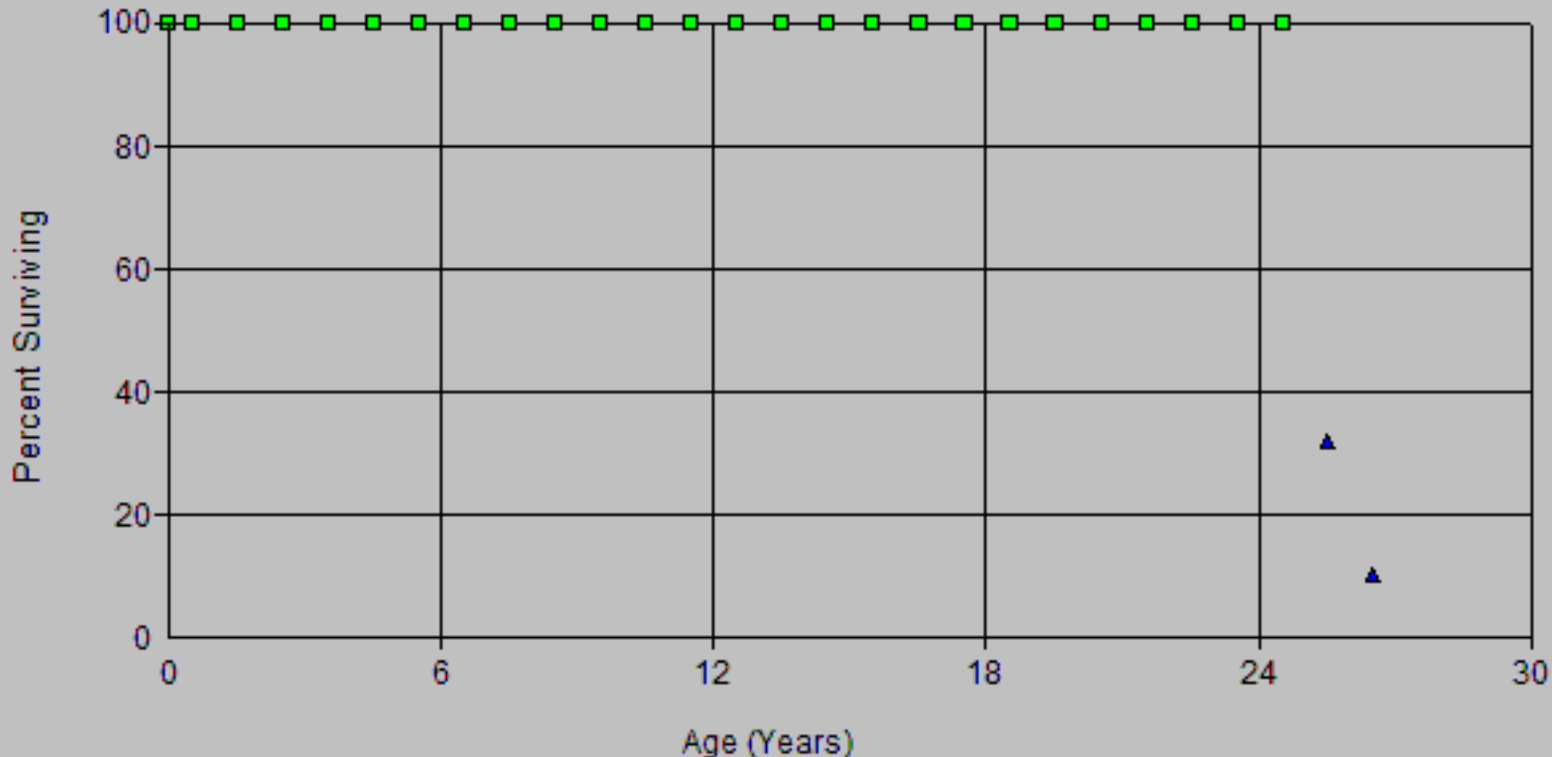


Account: E393.10-Stores Equip.-Other
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CRO-APP
Depreciation

▲ Actual Data

■ SQ 25.00

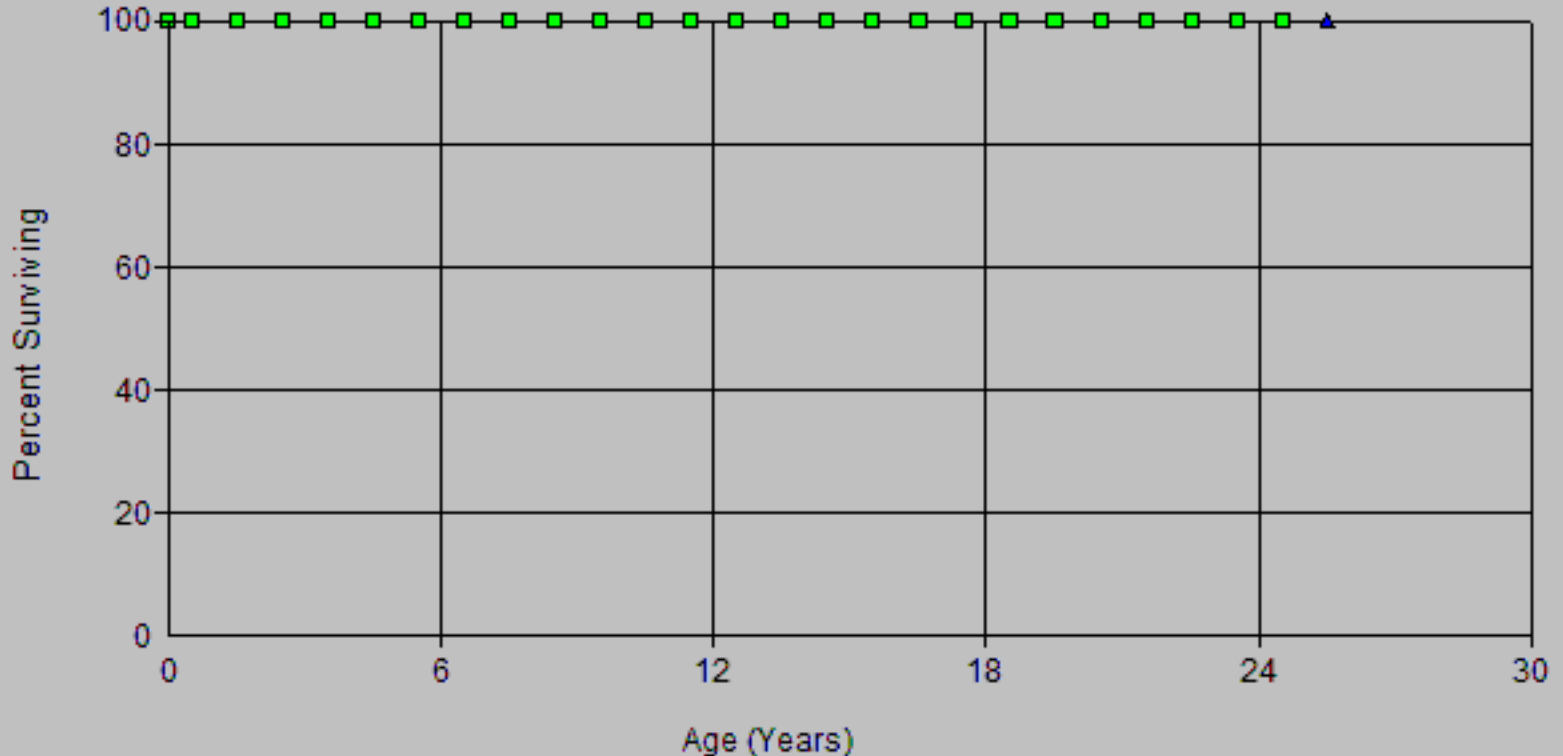


Account: E393.10 - Stores Equip.-Other
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CRO - APP
Depreciation

▲ Actual Data

■ SQ 25.00



SDG&E
 Observed Life Table 2024 GRC - APP
 Depreciation

Scenario: SDGE Actuarial @ 2020

Account: E393.10-Stores Equip.-Other

Placement Band: 1970 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	46,521.59	0.00	0.00000	1.00000	100.00
0.5	46,521.59	0.00	0.00000	1.00000	100.00
1.5	46,521.59	0.00	0.00000	1.00000	100.00
6.5	2,940.48	0.00	0.00000	1.00000	100.00
7.5	2,940.48	0.00	0.00000	1.00000	100.00
8.5	8,545.97	0.00	0.00000	1.00000	100.00
9.5	15,720.46	0.00	0.00000	1.00000	100.00
10.5	17,465.68	0.00	0.00000	1.00000	100.00
11.5	19,150.06	0.00	0.00000	1.00000	100.00
12.5	19,150.06	0.00	0.00000	1.00000	100.00
13.5	52,833.02	0.00	0.00000	1.00000	100.00
14.5	54,330.97	0.00	0.00000	1.00000	100.00
15.5	54,330.97	0.00	0.00000	1.00000	100.00
16.5	54,330.97	0.00	0.00000	1.00000	100.00
17.5	54,330.97	0.00	0.00000	1.00000	100.00
18.5	54,330.97	0.00	0.00000	1.00000	100.00
19.5	54,330.97	0.00	0.00000	1.00000	100.00
20.5	54,330.97	0.00	0.00000	1.00000	100.00
21.5	54,330.97	0.00	0.00000	1.00000	100.00
22.5	54,330.97	0.00	0.00000	1.00000	100.00
23.5	54,330.97	0.00	0.00000	1.00000	100.00
24.5	54,330.97	36,865.29	0.67853	0.32147	100.00
25.5	17,465.68	11,860.19	0.67906	0.32094	32.15
26.5	5,917.93	5,917.93	1.00000	0.00000	10.32
27.5	0.00	0.00	0.00000	1.00000	0.00
28.5	825.92	825.92	1.00000	0.00000	
29.5	0.00	0.00	0.00000	1.00000	

SDG&E
 Observed Life Table 2024 GRC - APP
 Depreciation

Scenario: SDGE Actuarial @ 2020

Account: E393.10-Stores Equip.-Other

Placement Band: 1991 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	46,521.59	0.00	0.00000	1.00000	100.00
0.5	46,521.59	0.00	0.00000	1.00000	100.00
1.5	46,521.59	0.00	0.00000	1.00000	100.00
6.5	2,940.48	0.00	0.00000	1.00000	100.00
7.5	2,940.48	0.00	0.00000	1.00000	100.00
8.5	2,940.48	0.00	0.00000	1.00000	100.00
9.5	2,940.48	0.00	0.00000	1.00000	100.00
10.5	2,940.48	0.00	0.00000	1.00000	100.00
11.5	2,940.48	0.00	0.00000	1.00000	100.00
12.5	2,940.48	0.00	0.00000	1.00000	100.00
13.5	2,940.48	0.00	0.00000	1.00000	100.00
14.5	2,940.48	0.00	0.00000	1.00000	100.00
15.5	2,940.48	0.00	0.00000	1.00000	100.00
16.5	2,940.48	0.00	0.00000	1.00000	100.00
17.5	2,940.48	0.00	0.00000	1.00000	100.00
18.5	2,940.48	0.00	0.00000	1.00000	100.00
19.5	2,940.48	0.00	0.00000	1.00000	100.00
20.5	2,940.48	0.00	0.00000	1.00000	100.00
21.5	2,940.48	0.00	0.00000	1.00000	100.00
22.5	2,940.48	0.00	0.00000	1.00000	100.00
23.5	2,940.48	0.00	0.00000	1.00000	100.00
24.5	2,940.48	0.00	0.00000	1.00000	100.00
25.5	2,940.48	2,940.48	1.00000	0.00000	100.00
26.5	0.00	0.00	0.00000	1.00000	0.00

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E393.10-Stores Equip.-Other

Scenario: SDGE Actuarial @ 2020

Placement Band: 1970 - 2003

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2003		0.00			
2000 -2004		0.00			
2001 -2005		0.00			
2002 -2006		0.00			
2003 -2007		0.00			
2004 -2008		0.00			
2005 -2009		0.00			
2006 -2010		0.00			
2007 -2011		0.00			
2008 -2012		0.00			
2009 -2013		0.00			
2010 -2014		0.00			
2011 -2015		0.00			
2012 -2016		0.00			
2013 -2017		0.00			
2014 -2018	20.5	0.00	0.00316648	S6	5.37
2015 -2019	21.5	0.00	0.00292466	S6	5.41
2016 -2020	22.5	0.00	0.00167893	S6	5.70

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E393.10-Stores Equip.-Other

Scenario: SDGE Actuarial @ 2020

Placement Band: 1970 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

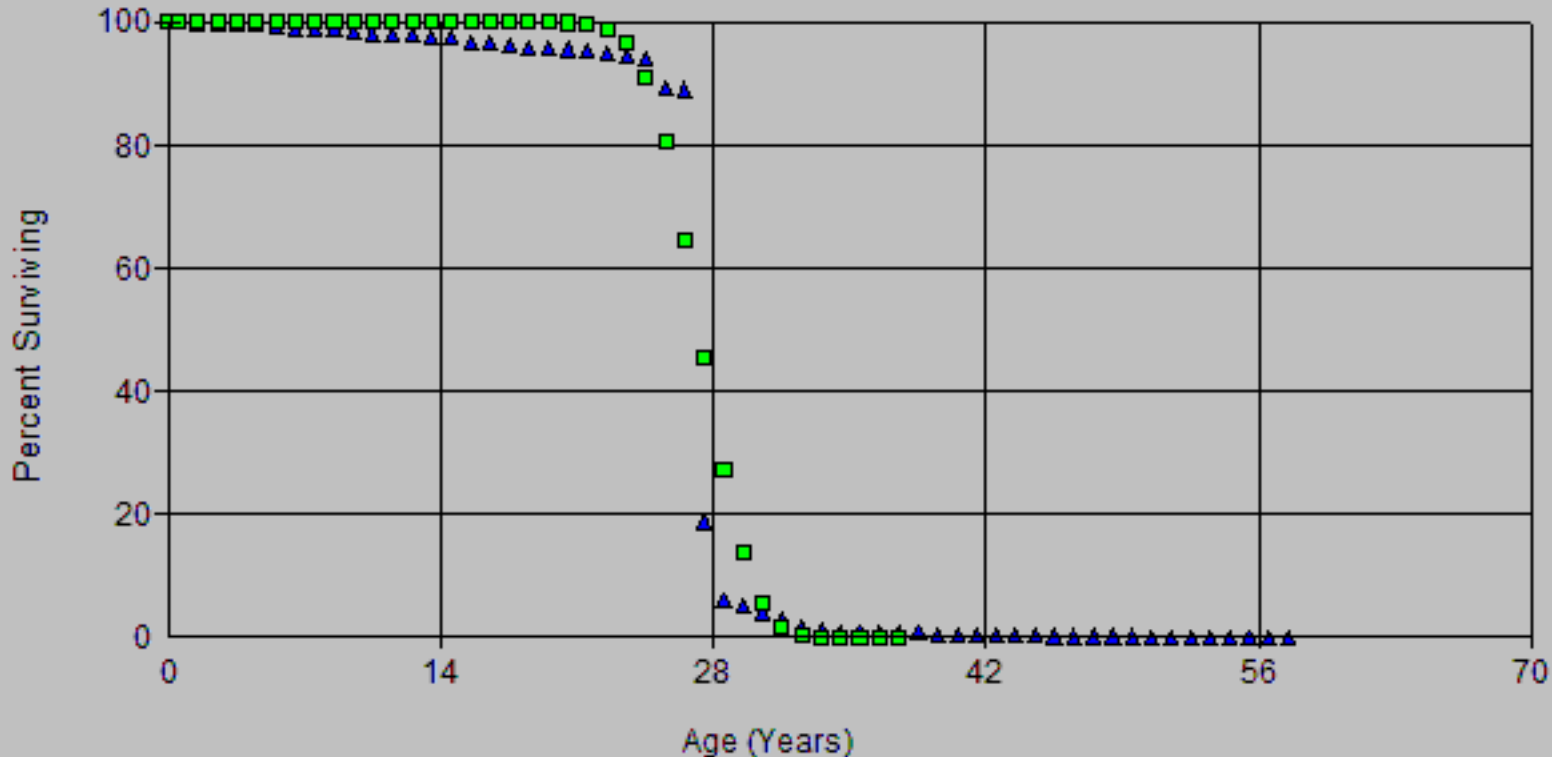
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2020	46.5	0.00	0.15771067	S6	21.47
2004 -2020	46.5	0.00	0.09297497	S6	16.47
2009 -2020	46.5	0.00	0.04547115	S6	11.47
2014 -2020	46.5	0.00	0.01152910	S6	7.37
2019 -2020		0.00			

Account: E394.11 Portable Tools-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC OAR
 Depreciation

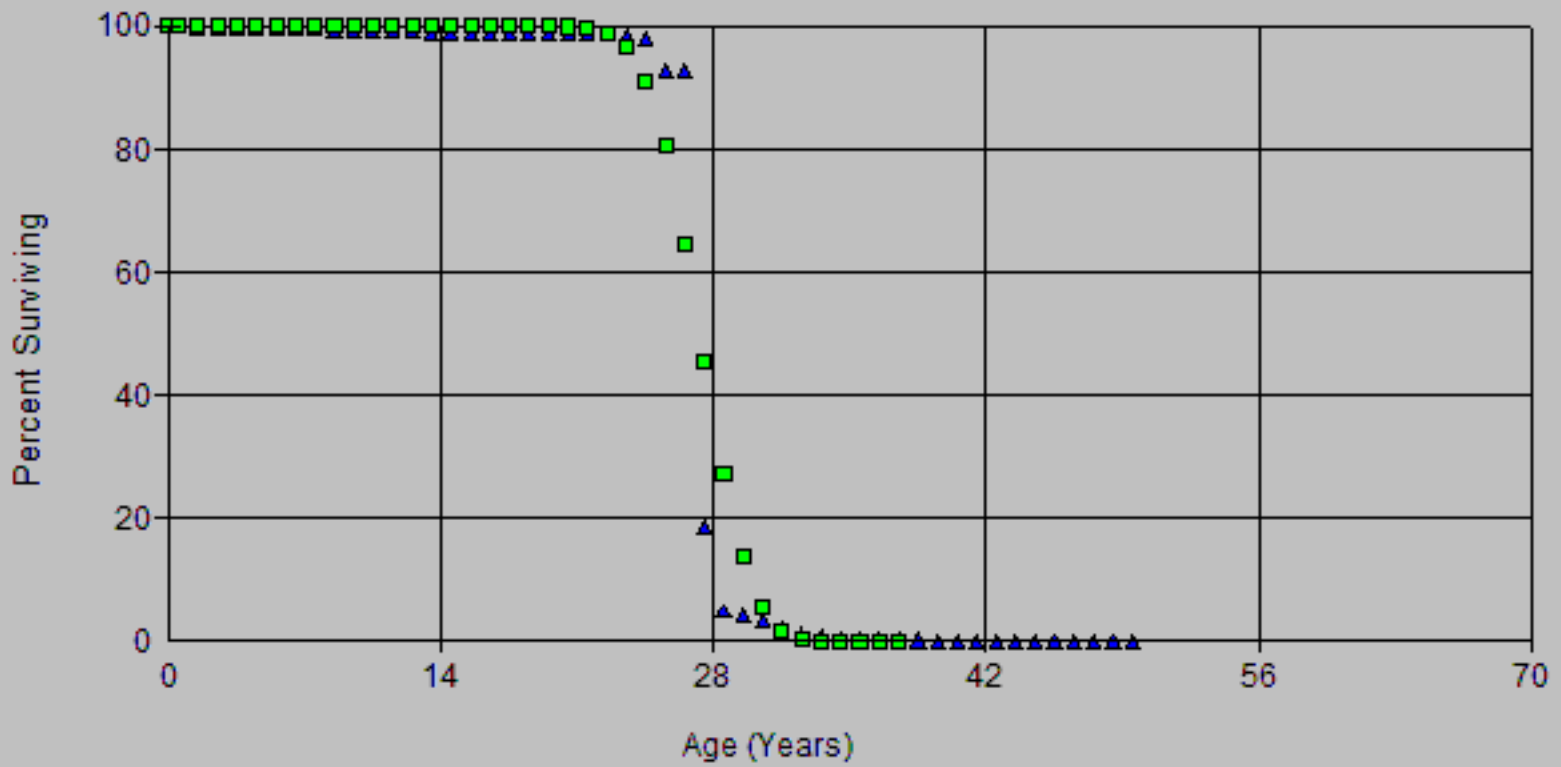
▲ Actual Data ■ S6 27.00



Account: E394.11 Portable Tools-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC (APP)
 Depreciation

▲ Actual Data ■ S6 27.00

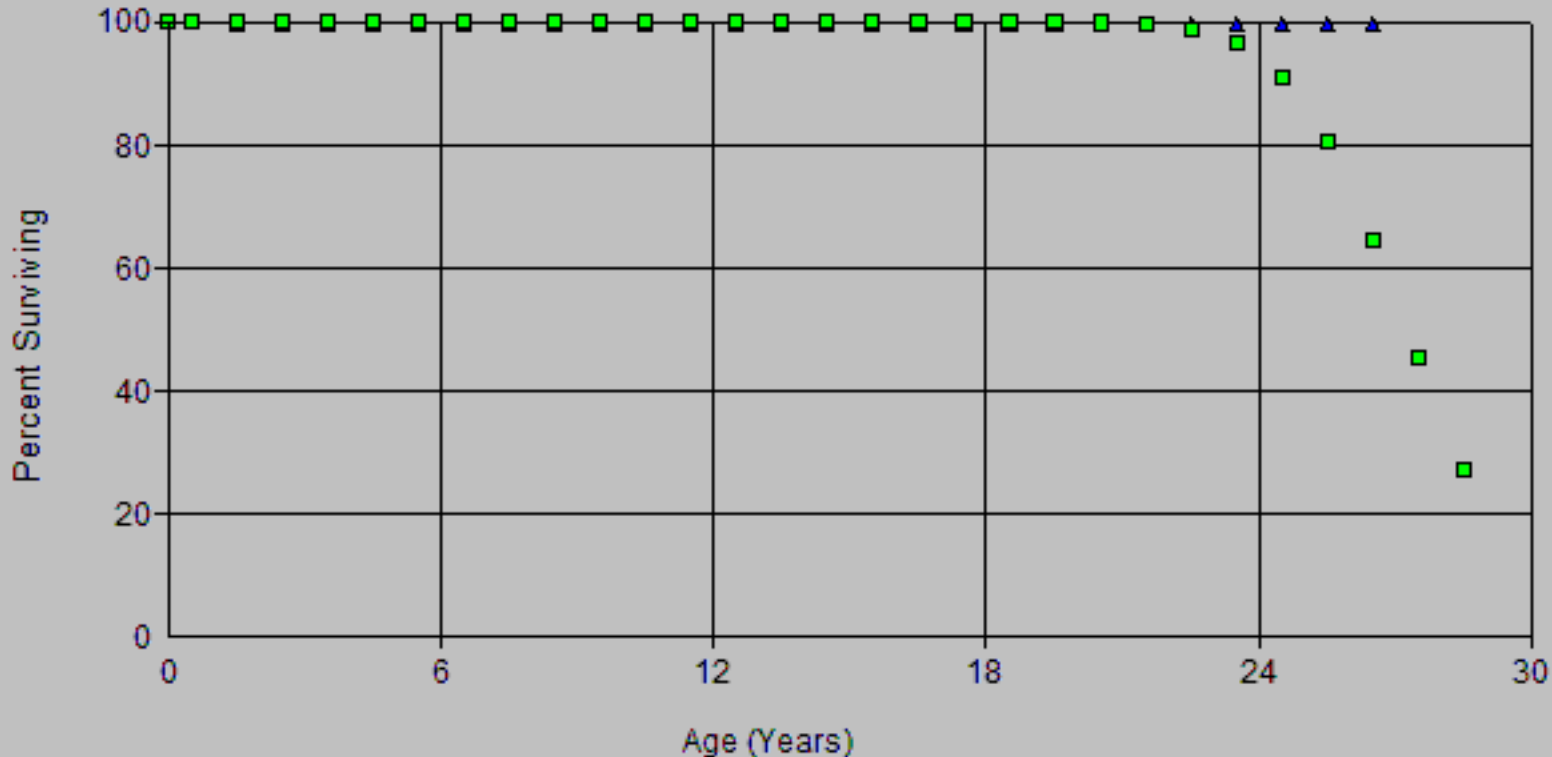


Account: E394.11 Portable Tools-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC (APP)
 Depreciation

▲ Actual Data

■ S6 27.00

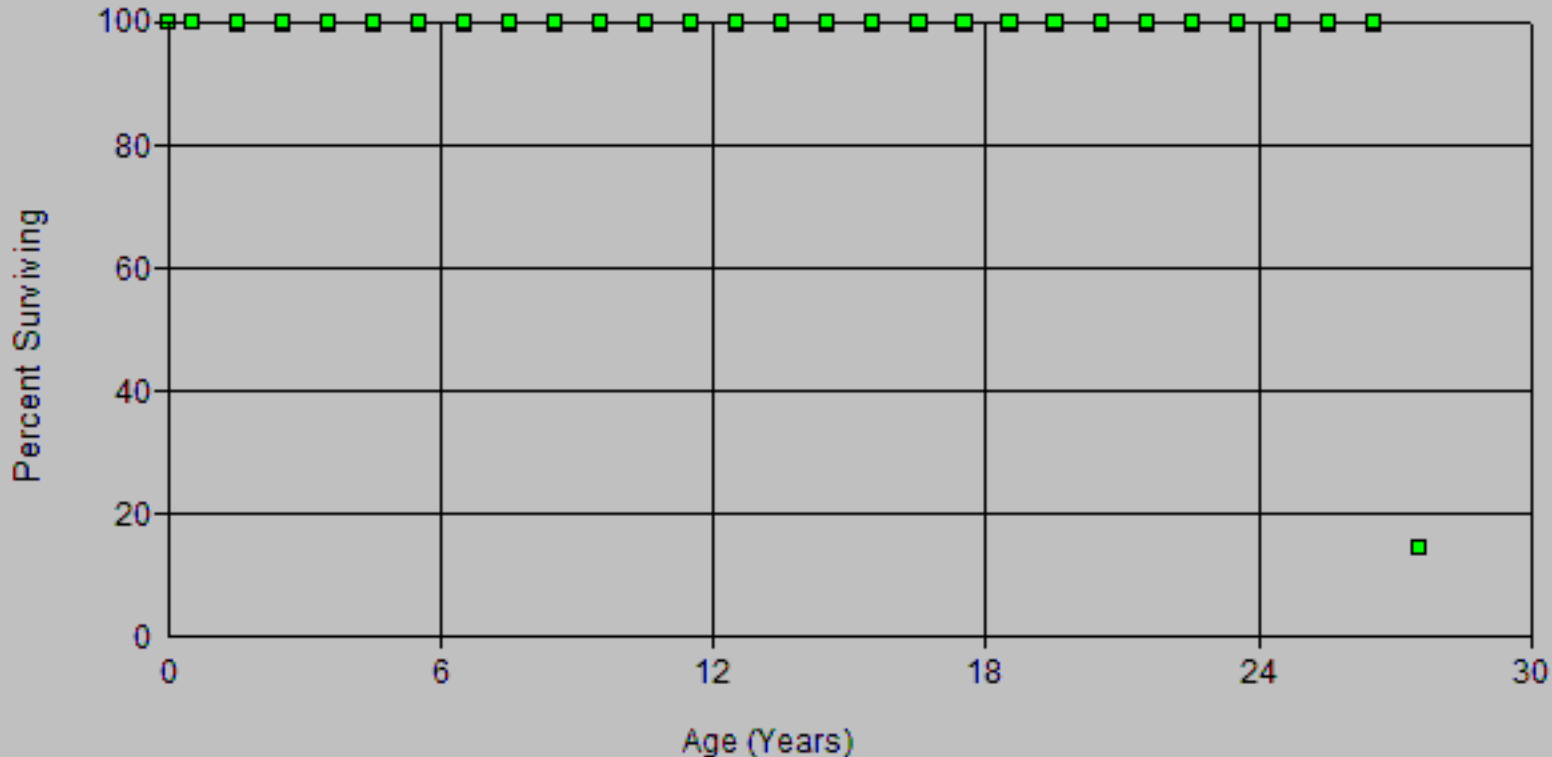


Account: E394.11 Portable Tools-Other
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC (APP)
Depreciation

▲ Actual Data

■ SQ 27.00



Scenario: SDGE Actuarial @ 2020
 Account: E394.11-Portable Tools-Other
 Placement Band: 1936 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1949 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	43,430,471.42	839.00	0.00002	0.99998	100.00
0.5	41,130,493.20	24,751.36	0.00060	0.99940	100.00
1.5	39,177,614.52	50,461.00	0.00129	0.99871	99.94
2.5	37,180,819.50	42,384.00	0.00114	0.99886	99.81
3.5	29,609,794.20	21,682.00	0.00073	0.99927	99.70
4.5	27,244,588.33	87,706.00	0.00322	0.99678	99.62
5.5	25,921,018.51	49,841.02	0.00192	0.99808	99.30
6.5	25,132,326.77	36,930.38	0.00147	0.99853	99.11
7.5	23,702,079.46	53,813.00	0.00227	0.99773	98.96
8.5	21,249,181.92	67,677.00	0.00318	0.99682	98.74
9.5	19,690,006.96	29,880.00	0.00152	0.99848	98.43
10.5	18,160,367.29	34,006.00	0.00187	0.99813	98.28
11.5	16,287,789.49	31,630.00	0.00194	0.99806	98.09
12.5	14,504,029.66	39,205.54	0.00270	0.99730	97.90
13.5	12,939,254.61	9,147.00	0.00071	0.99929	97.64
14.5	11,779,124.21	75,703.00	0.00643	0.99357	97.57
15.5	10,573,899.02	28,495.00	0.00269	0.99731	96.94
16.5	9,464,965.45	30,069.00	0.00318	0.99682	96.68
17.5	8,666,605.48	27,201.00	0.00314	0.99686	96.37
18.5	8,174,040.19	18,180.00	0.00222	0.99778	96.07
19.5	7,823,306.86	17,614.00	0.00225	0.99775	95.86
20.5	6,534,705.76	25,042.00	0.00383	0.99617	95.64
21.5	6,298,481.39	19,159.00	0.00304	0.99696	95.28
22.5	6,054,285.33	35,349.00	0.00584	0.99416	94.99
23.5	5,829,764.00	11,510.00	0.00197	0.99803	94.43
24.5	5,580,219.54	292,218.19	0.05237	0.94763	94.24
25.5	4,974,374.10	7,303.94	0.00147	0.99853	89.31
26.5	4,739,017.27	3,738,115.96	0.78880	0.21120	89.18
27.5	1,000,901.31	689,916.49	0.68930	0.31070	18.83
28.5	310,984.82	35,752.45	0.11497	0.88503	5.85
29.5	275,232.37	56,764.52	0.20624	0.79376	5.18
30.5	218,467.85	71,300.13	0.32636	0.67364	4.11
31.5	147,167.72	52,614.03	0.35751	0.64249	2.77
32.5	94,553.69	30,142.69	0.31879	0.68121	1.78
33.5	64,411.00	11,120.27	0.17265	0.82735	1.21
34.5	53,290.73	6,095.93	0.11439	0.88561	1.00
35.5	47,194.80	4,240.76	0.08986	0.91014	0.89
36.5	42,954.04	2,144.67	0.04993	0.95007	0.81
37.5	40,809.37	7,166.24	0.17560	0.82440	0.77
38.5	33,643.13	9,282.23	0.27590	0.72410	0.63
39.5	24,360.90	1,849.11	0.07590	0.92410	0.46
40.5	22,511.79	953.15	0.04234	0.95766	0.42
41.5	21,558.64	5,675.59	0.26326	0.73674	0.41
42.5	15,883.05	386.47	0.02433	0.97567	0.30
43.5	15,496.58	2,765.00	0.17843	0.82157	0.29
44.5	12,731.58	1,575.58	0.12375	0.87625	0.24
45.5	11,156.00	824.00	0.07386	0.92614	0.21
46.5	10,332.00	0.00	0.00000	1.00000	0.19
47.5	10,332.00	380.00	0.03678	0.96322	0.19
48.5	9,952.00	1,318.00	0.13244	0.86756	0.19
49.5	8,634.00	6,990.00	0.80959	0.19041	0.16
50.5	1,644.00	0.00	0.00000	1.00000	0.03
51.5	1,644.00	0.00	0.00000	1.00000	0.03
52.5	1,644.00	0.00	0.00000	1.00000	0.03

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 2024 GRC - APP
 Depreciation

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E394.11-Portable Tools-Other

Placement Band: 1936 - 2020

Observation Band: 1949 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,644.00	0.00	0.00000	1.00000	0.03
54.5	1,644.00	0.00	0.00000	1.00000	0.03
55.5	1,644.00	389.00	0.23662	0.76338	0.03
56.5	1,255.00	834.00	0.66454	0.33546	0.02
57.5	421.00	421.00	1.00000	0.00000	0.01
58.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: E394.11-Portable Tools-Other

Placement Band: 1936 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	38,856,521.88	0.00	0.00000	1.00000	100.00
0.5	36,842,705.24	12,785.36	0.00035	0.99965	100.00
1.5	35,130,813.75	1,374.00	0.00004	0.99996	99.97
2.5	33,474,599.05	20,363.00	0.00061	0.99939	99.96
3.5	26,362,380.17	6,434.00	0.00024	0.99976	99.90
4.5	24,458,787.61	27,790.00	0.00114	0.99886	99.88
5.5	23,541,973.15	20,928.02	0.00089	0.99911	99.76
6.5	22,955,628.12	11,931.38	0.00052	0.99948	99.67
7.5	21,774,022.59	25,061.00	0.00115	0.99885	99.62
8.5	19,460,056.51	3,559.00	0.00018	0.99982	99.51
9.5	18,093,650.77	21,413.00	0.00118	0.99882	99.49
10.5	16,806,165.16	6,232.00	0.00037	0.99963	99.37
11.5	15,246,899.10	15,069.00	0.00099	0.99901	99.33
12.5	13,560,041.30	8,689.54	0.00064	0.99936	99.24
13.5	12,063,523.55	2,874.00	0.00024	0.99976	99.17
14.5	11,002,820.53	5,256.00	0.00048	0.99952	99.15
15.5	9,901,247.19	5,094.00	0.00051	0.99949	99.10
16.5	8,882,988.25	5,350.00	0.00060	0.99940	99.05
17.5	8,115,730.22	7,484.00	0.00092	0.99908	98.99
18.5	7,703,570.16	3,217.00	0.00042	0.99958	98.90
19.5	7,421,382.04	3,564.00	0.00048	0.99952	98.86
20.5	6,173,327.39	1,180.00	0.00019	0.99981	98.81
21.5	6,017,300.54	2,779.00	0.00046	0.99954	98.79
22.5	5,846,638.61	26,705.00	0.00457	0.99543	98.75
23.5	5,692,459.31	5,688.00	0.00100	0.99900	98.30
24.5	5,479,057.54	291,234.19	0.05315	0.94685	98.20
25.5	4,896,917.37	5,057.94	0.00103	0.99897	92.98
26.5	4,668,956.47	3,734,435.96	0.79984	0.20016	92.88
27.5	937,565.27	688,143.49	0.73397	0.26603	18.59
28.5	251,480.45	32,118.45	0.12772	0.87228	4.95
29.5	228,306.24	55,952.52	0.24508	0.75492	4.31
30.5	177,309.95	69,032.13	0.38933	0.61067	3.26
31.5	110,234.93	51,614.03	0.46822	0.53178	1.99
32.5	59,635.05	28,511.69	0.47810	0.52190	1.06
33.5	39,243.95	10,385.27	0.26463	0.73537	0.55
34.5	29,835.15	5,647.93	0.18930	0.81070	0.41
35.5	26,362.22	3,376.76	0.12809	0.87191	0.33
36.5	24,268.04	423.67	0.01746	0.98254	0.29
37.5	25,599.37	6,605.24	0.25802	0.74198	0.28
38.5	19,359.13	9,282.23	0.47948	0.52052	0.21
39.5	11,259.90	1,849.11	0.16422	0.83578	0.11
40.5	10,364.79	953.15	0.09196	0.90804	0.09
41.5	11,551.64	5,619.59	0.48648	0.51352	0.08
42.5	13,547.05	386.47	0.02853	0.97147	0.04
43.5	13,160.58	2,765.00	0.21010	0.78990	0.04
44.5	10,395.58	1,457.58	0.14021	0.85979	0.03
45.5	8,938.00	684.00	0.07653	0.92347	0.03
46.5	8,254.00	0.00	0.00000	1.00000	0.03
47.5	8,254.00	270.00	0.03271	0.96729	0.03
48.5	7,984.00	994.00	0.12450	0.87550	0.03
49.5	6,990.00	6,990.00	1.00000	0.00000	0.02
50.5	389.00	0.00	0.00000	1.00000	0.00
51.5	1,223.00	0.00	0.00000	1.00000	0.00
52.5	1,644.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: E394.11-Portable Tools-Other

Placement Band: 1936 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,644.00	0.00	0.00000	1.00000	0.00
54.5	1,644.00	0.00	0.00000	1.00000	0.00
55.5	1,644.00	389.00	0.23662	0.76338	0.00
56.5	1,255.00	834.00	0.66454	0.33546	0.00
57.5	421.00	421.00	1.00000	0.00000	0.00
58.5	0.00	0.00	0.00000	1.00000	0.00

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Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E394.11-Portable Tools-Other

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	38,856,521.88	0.00	0.00000	1.00000	100.00
0.5	36,548,737.66	10,326.36	0.00028	0.99972	100.00
1.5	34,585,527.98	686.00	0.00002	0.99998	99.97
2.5	32,663,494.96	6,133.00	0.00019	0.99981	99.97
3.5	25,127,099.66	0.00	0.00000	1.00000	99.95
4.5	22,783,575.79	3,395.00	0.00015	0.99985	99.95
5.5	21,543,945.97	17,281.02	0.00080	0.99920	99.94
6.5	20,787,814.23	6,715.38	0.00032	0.99968	99.86
7.5	19,386,157.92	0.00	0.00000	1.00000	99.82
8.5	16,986,169.38	0.00	0.00000	1.00000	99.82
9.5	15,493,683.42	0.00	0.00000	1.00000	99.82
10.5	13,992,915.75	0.00	0.00000	1.00000	99.82
11.5	12,154,343.95	0.00	0.00000	1.00000	99.82
12.5	10,447,440.12	0.00	0.00000	1.00000	99.82
13.5	8,922,472.61	0.00	0.00000	1.00000	99.82
14.5	7,771,489.21	0.00	0.00000	1.00000	99.82
15.5	6,642,270.02	0.00	0.00000	1.00000	99.82
16.5	5,563,903.45	0.00	0.00000	1.00000	99.82
17.5	4,795,612.48	0.00	0.00000	1.00000	99.82
18.5	4,330,248.19	0.00	0.00000	1.00000	99.82
19.5	3,997,694.86	0.00	0.00000	1.00000	99.82
20.5	2,726,707.76	0.00	0.00000	1.00000	99.82
21.5	2,515,525.39	0.00	0.00000	1.00000	99.82
22.5	2,290,488.33	0.00	0.00000	1.00000	99.82
23.5	2,101,316.00	0.00	0.00000	1.00000	99.82
24.5	1,863,281.54	0.00	0.00000	1.00000	99.82
25.5	1,549,654.29	0.00	0.00000	1.00000	99.82
26.5	1,321,601.40	1,321,601.40	1.00000	0.00000	99.82
27.5	0.00	0.00	0.00000	1.00000	0.00

Actuarial Life Analysis

Account: E394.11-Portable Tools-Other
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1936 - 1953
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1949 -1953	17.5	80.82	0.00587919	L0	40.17
1950 -1954	18.5	72.31	0.01089746	R2.5	21.09
1951 -1955	19.5	80.05	0.00810040	R2	26.23
1952 -1956	20.5	56.61	0.07952869	L1	20.45
1953 -1957	21.5	58.13	0.07543244	L0.5	22.69
1954 -1958	22.5	55.26	0.09089985	L1	21.78
1955 -1959	23.5	59.78	0.02053382	L0.5	26.83
1956 -1960	24.5	56.13	0.03416461	L0	27.28
1957 -1961	25.5	9.38	0.13867076	L4	14.63
1958 -1962	26.5	11.01	0.16602159	L4	15.48
1959 -1963	27.5	23.19	0.08189953	L2.5	18.70
1960 -1964	28.5	24.59	0.07471457	L2.5	19.28
1961 -1965	29.5	16.28	0.08780502	L2.5	18.48
1962 -1966	30.5	62.07	0.02785372	L0	39.04
1963 -1967	31.5	44.13	0.10499207	S0	26.95
1964 -1968	32.5	35.67	0.22512976	L1.5	26.46
1965 -1969	33.5	25.52	0.30612236	L2.5	24.22
1966 -1970	34.5	27.39	0.34266519	L3	25.22
1967 -1971	35.5	88.29	0.01781694	R0.5	95.40
1968 -1972	36.5	42.84	0.08512637	L1.5	32.50
1969 -1973	37.5	23.85	0.28931793	L3	27.87
1970 -1974	38.5	27.42	0.34223900	L4	28.71
1971 -1975	39.5	79.87	0.02025336	L0	81.80
1972 -1976	40.5	80.07	0.01963180	L0	85.22
1973 -1977	41.5	92.96	0.00716506	L0	187.20
1974 -1978	42.5	84.54	0.04756955	S0	77.47
1975 -1979	43.5	87.41	0.03308850	L0	130.32
1976 -1980	44.5	87.90	0.01989206	L0	129.08
1977 -1981	45.5	89.07	0.01783508	L0	140.61
1978 -1982	46.5	86.82	0.01785666	L0	129.50
1979 -1983	47.5	76.47	0.02196011	R2	70.52
1980 -1984	48.5	83.13	0.00745168	L0	136.38
1981 -1985	49.5	82.60	0.00774561	S0	94.57
1982 -1986	50.5	81.26	0.00863239	L0	122.02
1983 -1987	51.5	2.55	0.06270627	L1.5	20.77
1984 -1988	52.5	0.00	0.05860521	L1	18.11
1985 -1989	53.5	0.00	0.05203823	L0.5	18.66
1986 -1990	54.5	4.21	0.12696677	L0.5	19.51
1987 -1991	55.5	0.00	0.08061640	L0.5	19.40
1988 -1992	56.5	49.96	0.23467509	L0	46.52
1989 -1993	57.5	63.92	0.02389476	R0.5	65.05
1990 -1994	58.5	26.77	0.17180098	L2	40.68
1991 -1995	59.5	24.96	0.23359181	L2.5	40.74
1992 -1996	60.5	0.00	0.08640514	S0	362.99

Actuarial Life Analysis

Account: E394.11-Portable Tools-Other
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1936 - 1997
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1993 -1997	61.5	0.00	0.06660215	S3	32.91
1994 -1998	62.5	0.00	0.03139097	R3	32.80
1995 -1999	63.5	0.00	0.06847309	R5	26.74
1996 -2000	64.5	0.00	0.11431602	S5	25.90
1997 -2001	65.5	0.00	0.16715302	SQ	25.01
1998 -2002	66.5	0.00	0.01845637	SQ	24.50
1999 -2003	67.5	0.00	0.00824424	SQ	24.64
2000 -2004	68.5	49.70	1.14712194	L0	55.92
2001 -2005	69.5	69.23	0.50437995	L0	86.72
2002 -2006	70.5	0.00	0.05113603	SQ	26.73
2003 -2007	71.5	0.00	0.01877921	SQ	26.86
2004 -2008	72.5	0.00	0.00000000	SQ	27.20
2005 -2009	73.5	0.00	0.00000000	SQ	27.20
2006 -2010	74.5	0.00	0.00000000	SQ	27.20
2007 -2011	75.5	0.00	0.00000000	SQ	27.20
2008 -2012	76.5	0.00	0.00000000	SQ	27.20
2009 -2013	77.5	0.00	0.00000000	SQ	27.20
2010 -2014	78.5	10.27	2.08256154	L3	32.34
2011 -2015	79.5	0.00	0.00299611	SQ	27.31
2012 -2016	80.5	0.00	0.15687849	SQ	27.44
2013 -2017	81.5	0.00	0.18262474	SQ	27.45
2014 -2018	82.5	0.00	0.15541150	SQ	27.44
2015 -2019	83.5	0.00	0.01100881	SQ	27.33
2016 -2020	84.5	0.00	0.00143477	SQ	27.27

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E394.11-Portable Tools-Other

Scenario: SDGE Actuarial @ 2020

Placement Band: 1936 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

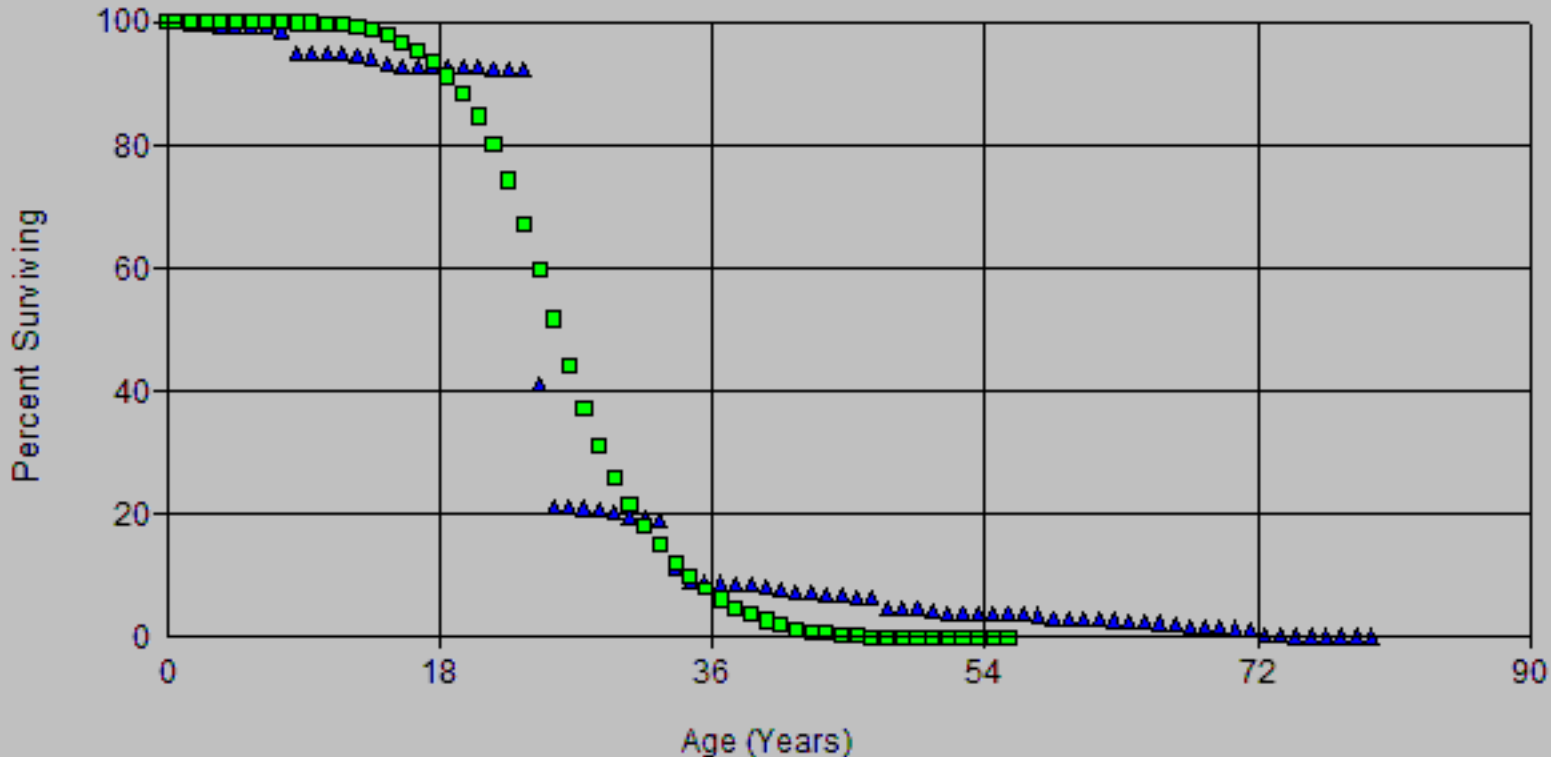
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1949 -2020	84.5	0.00	0.09063631	SQ	26.70
1954 -2020	84.5	0.00	0.09061829	SQ	26.70
1959 -2020	84.5	0.00	0.09038593	SQ	26.70
1964 -2020	84.5	0.00	0.08966311	SQ	26.71
1969 -2020	84.5	0.00	0.08908502	SQ	26.71
1974 -2020	84.5	0.00	0.08857037	SQ	26.72
1979 -2020	84.5	0.00	0.08704690	SQ	26.70
1984 -2020	84.5	0.00	0.08546407	SQ	26.66
1989 -2020	84.5	0.00	0.01997438	SQ	27.27
1994 -2020	84.5	0.00	0.04602391	SQ	27.20
1999 -2020	84.5	0.00	0.02614712	SQ	27.04
2004 -2020	84.5	0.00	0.01079208	SQ	27.30
2009 -2020	84.5	0.00	0.02781602	SQ	27.32
2014 -2020	84.5	0.00	0.00105223	SQ	27.31
2019 -2020	84.5	0.00	0.00000000	SQ	27.20

Account: E394.20 Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ L4 26.00

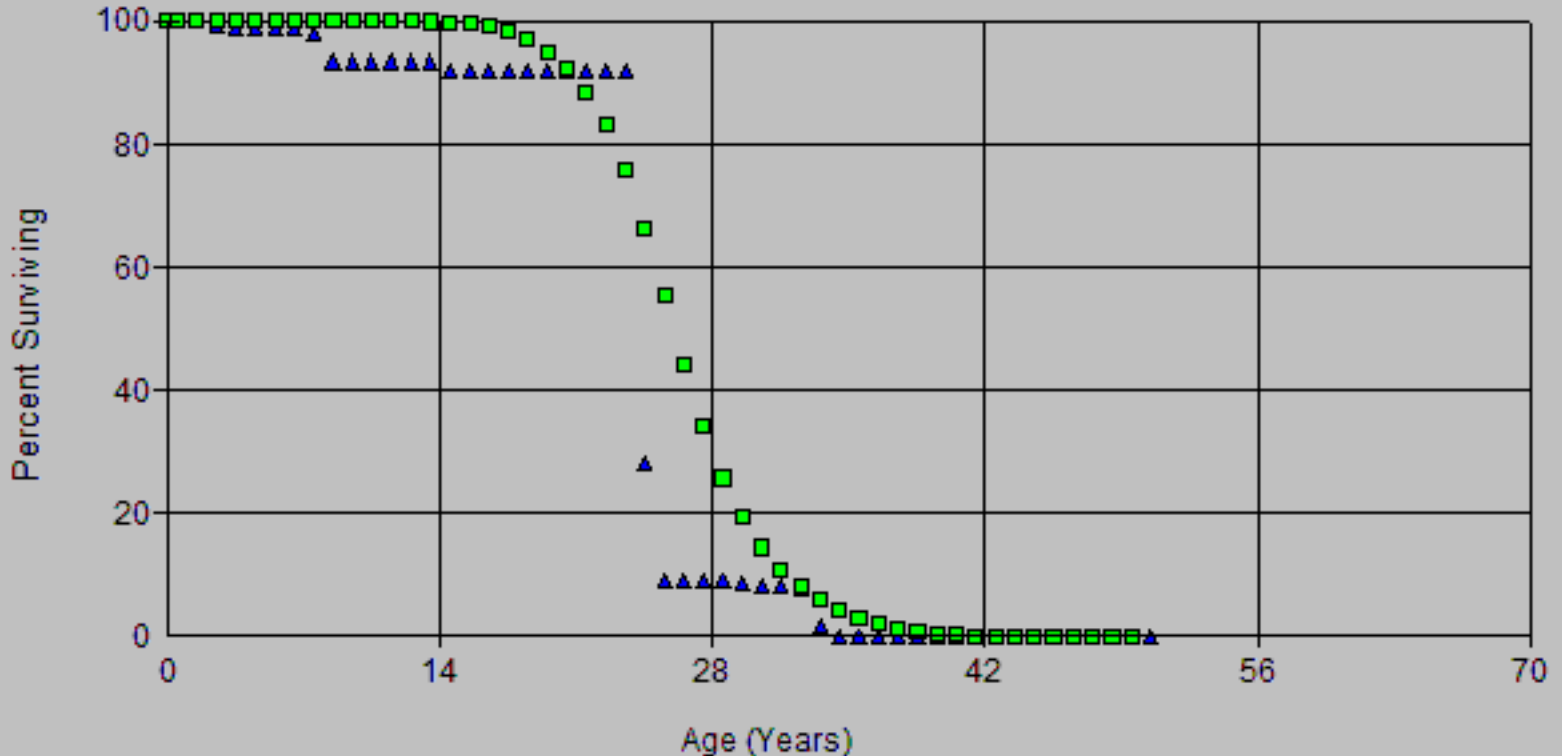


Account: E394.20 Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

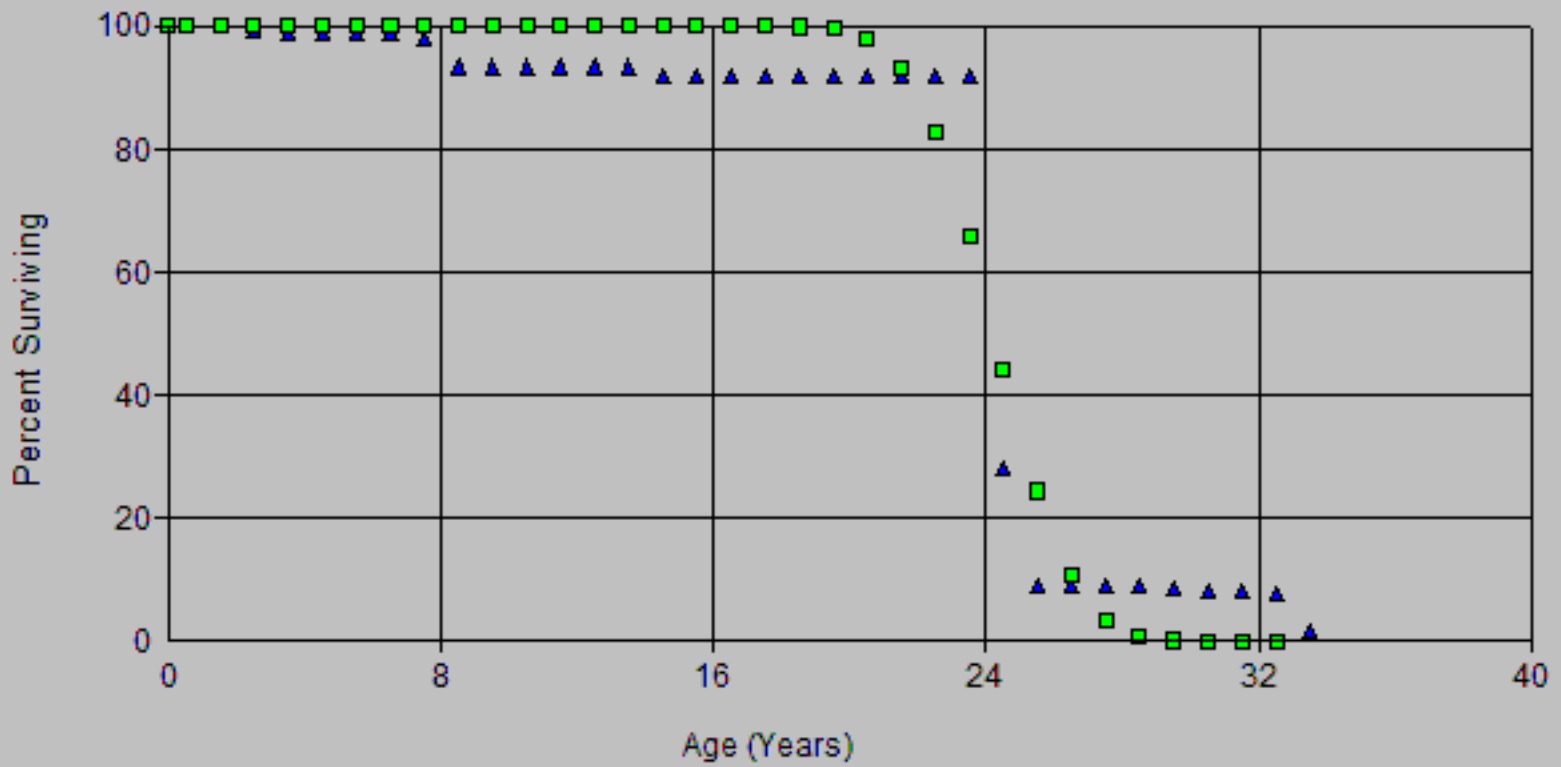
■ L5 26.00



Account: E394.20 Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

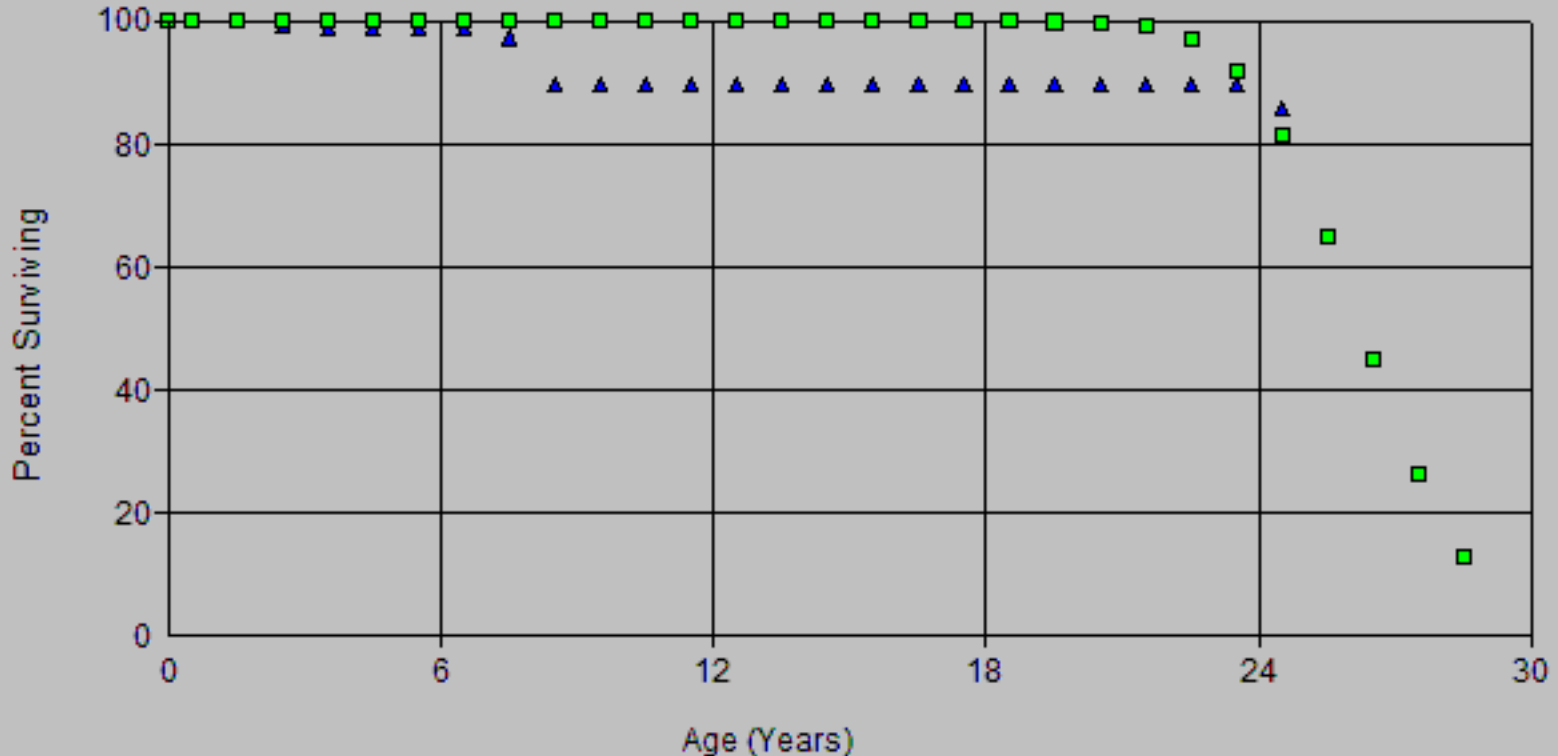
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Account: E394.20 Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

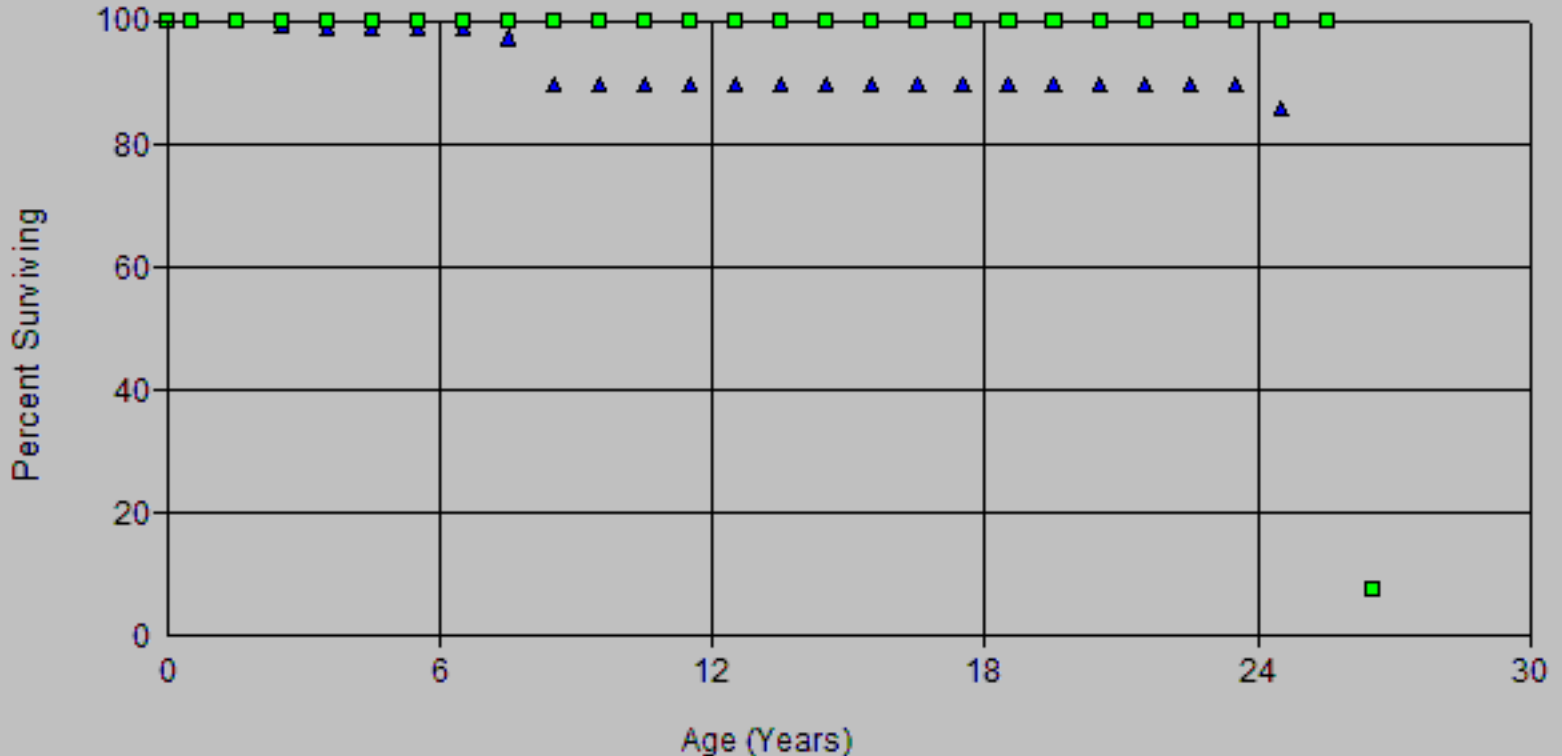
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Account: E394.20 Shop Equipment
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CBP APP
Depreciation

▲ Actual Data ■ SQ 26.00



Scenario: SDGE Actuarial @ 2020
 Account: E394.20-Shop Equipment
 Placement Band: 1916 - 2020

Observed Life Table
 SDG&E
 2024 GRC - APP
 Depreciation

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	675,293.83	0.00	0.00000	1.00000	100.00
0.5	694,678.89	89.00	0.00013	0.99987	100.00
1.5	783,359.89	2,334.00	0.00298	0.99702	99.99
2.5	781,025.89	2,635.00	0.00337	0.99663	99.69
3.5	778,390.89	0.00	0.00000	1.00000	99.35
4.5	778,390.89	0.00	0.00000	1.00000	99.35
5.5	778,390.89	0.00	0.00000	1.00000	99.35
6.5	778,390.89	5,494.75	0.00706	0.99294	99.35
7.5	760,851.72	28,967.24	0.03807	0.96193	98.65
8.5	735,633.48	0.00	0.00000	1.00000	94.90
9.5	732,893.48	367.00	0.00050	0.99950	94.90
10.5	720,302.79	100.00	0.00014	0.99986	94.85
11.5	723,001.79	1,420.00	0.00196	0.99804	94.84
12.5	721,581.79	2,224.00	0.00308	0.99692	94.65
13.5	719,849.79	8,964.00	0.01245	0.98755	94.36
14.5	711,439.79	1,868.00	0.00263	0.99737	93.18
15.5	709,571.79	54.00	0.00008	0.99992	92.94
16.5	710,975.79	422.00	0.00059	0.99941	92.93
17.5	713,963.79	252.00	0.00035	0.99965	92.88
18.5	715,581.79	190.00	0.00027	0.99973	92.84
19.5	716,437.79	59.00	0.00008	0.99992	92.82
20.5	700,378.73	2,298.00	0.00328	0.99672	92.81
21.5	698,139.29	922.00	0.00132	0.99868	92.51
22.5	460,968.79	107.00	0.00023	0.99977	92.39
23.5	461,392.79	255,022.25	0.55272	0.44728	92.36
24.5	209,952.54	102,655.29	0.48895	0.51105	41.31
25.5	107,356.25	204.00	0.00190	0.99810	21.11
26.5	107,640.25	359.00	0.00334	0.99666	21.07
27.5	107,570.25	600.00	0.00558	0.99442	21.00
28.5	107,239.25	3,232.28	0.03014	0.96986	20.89
29.5	104,711.97	3,248.91	0.03103	0.96897	20.26
30.5	102,687.06	311.76	0.00304	0.99696	19.63
31.5	102,375.30	3,219.61	0.03145	0.96855	19.57
32.5	99,155.69	40,055.85	0.40397	0.59603	18.95
33.5	59,099.84	11,850.53	0.20052	0.79948	11.30
34.5	47,249.31	1,028.00	0.02176	0.97824	9.03
35.5	46,221.31	104.00	0.00225	0.99775	8.83
36.5	46,117.31	958.00	0.02077	0.97923	8.81
37.5	45,159.31	894.00	0.01980	0.98020	8.63
38.5	44,265.31	1,138.00	0.02571	0.97429	8.46
39.5	43,127.31	2,627.00	0.06091	0.93909	8.24
40.5	40,500.31	1,850.00	0.04568	0.95432	7.74
41.5	38,650.31	432.00	0.01118	0.98882	7.39
42.5	38,218.31	1,907.29	0.04991	0.95009	7.30
43.5	36,311.02	309.00	0.00851	0.99149	6.94
44.5	36,002.02	1,794.00	0.04983	0.95017	6.88
45.5	34,208.02	564.00	0.01649	0.98351	6.54
46.5	33,644.02	8,170.02	0.24284	0.75716	6.43
47.5	25,474.00	159.00	0.00624	0.99376	4.87
48.5	25,315.00	1,228.00	0.04851	0.95149	4.84
49.5	24,087.00	2,001.00	0.08307	0.91693	4.60
50.5	22,086.00	1,895.00	0.08580	0.91420	4.22
51.5	20,191.00	0.00	0.00000	1.00000	3.86
52.5	20,191.00	246.00	0.01218	0.98782	3.86

Scenario: SDGE Actuarial @ 2020
 Account: E394.20-Shop Equipment
 Placement Band: 1916 - 2020

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	19,945.00	153.00	0.00767	0.99233	3.81
54.5	19,792.00	0.00	0.00000	1.00000	3.78
55.5	19,792.00	319.00	0.01612	0.98388	3.78
56.5	19,473.00	651.00	0.03343	0.96657	3.72
57.5	18,822.00	2,346.00	0.12464	0.87536	3.60
58.5	16,476.00	461.00	0.02798	0.97202	3.15
59.5	16,015.00	389.00	0.02429	0.97571	3.06
60.5	15,626.00	335.00	0.02144	0.97856	2.99
61.5	15,291.00	1,115.00	0.07292	0.92708	2.92
62.5	14,176.00	1,329.00	0.09375	0.90625	2.71
63.5	12,847.00	277.00	0.02156	0.97844	2.46
64.5	12,570.00	190.00	0.01512	0.98488	2.40
65.5	12,380.00	360.00	0.02908	0.97092	2.37
66.5	12,020.00	3,635.00	0.30241	0.69759	2.30
67.5	8,385.00	264.00	0.03148	0.96852	1.60
68.5	8,121.00	0.00	0.00000	1.00000	1.55
69.5	8,121.00	548.00	0.06748	0.93252	1.55
70.5	7,573.00	1,836.00	0.24244	0.75756	1.45
71.5	5,737.00	4,379.00	0.76329	0.23671	1.10
72.5	1,358.00	0.00	0.00000	1.00000	0.26
73.5	1,358.00	549.00	0.40427	0.59573	0.26
74.5	809.00	0.00	0.00000	1.00000	0.16
75.5	809.00	0.00	0.00000	1.00000	0.16
76.5	809.00	0.00	0.00000	1.00000	0.16
77.5	809.00	0.00	0.00000	1.00000	0.16
78.5	809.00	0.00	0.00000	1.00000	0.16
79.5	809.00	809.00	1.00000	0.00000	0.16
80.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: E394.20-Shop Equipment
Placement Band: 1916 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	285,812.29	0.00	0.00000	1.00000	100.00
0.5	304,041.35	0.00	0.00000	1.00000	100.00
1.5	395,351.35	2,223.00	0.00562	0.99438	100.00
2.5	401,206.30	2,635.00	0.00657	0.99343	99.44
3.5	412,353.87	0.00	0.00000	1.00000	98.79
4.5	412,353.87	0.00	0.00000	1.00000	98.79
5.5	434,425.63	0.00	0.00000	1.00000	98.79
6.5	633,932.66	5,470.75	0.00863	0.99137	98.79
7.5	625,010.49	28,593.24	0.04575	0.95425	97.93
8.5	602,746.80	0.00	0.00000	1.00000	93.45
9.5	601,094.78	0.00	0.00000	1.00000	93.45
10.5	588,541.09	0.00	0.00000	1.00000	93.45
11.5	588,541.09	0.00	0.00000	1.00000	93.45
12.5	588,541.09	0.00	0.00000	1.00000	93.45
13.5	593,272.58	8,964.00	0.01511	0.98489	93.45
14.5	621,200.54	0.00	0.00000	1.00000	92.04
15.5	621,200.54	0.00	0.00000	1.00000	92.04
16.5	621,200.54	0.00	0.00000	1.00000	92.04
17.5	621,200.54	0.00	0.00000	1.00000	92.04
18.5	621,200.54	0.00	0.00000	1.00000	92.04
19.5	621,200.54	0.00	0.00000	1.00000	92.04
20.5	606,094.76	0.00	0.00000	1.00000	92.04
21.5	604,938.23	0.00	0.00000	1.00000	92.04
22.5	361,802.49	0.00	0.00000	1.00000	92.04
23.5	364,729.10	253,558.25	0.69520	0.30480	92.04
24.5	150,700.70	101,910.29	0.67624	0.32376	28.05
25.5	59,746.94	0.00	0.00000	1.00000	9.08
26.5	59,746.94	0.00	0.00000	1.00000	9.08
27.5	59,746.94	0.00	0.00000	1.00000	9.08
28.5	59,746.94	3,123.28	0.05228	0.94772	9.08
29.5	56,623.66	2,898.91	0.05120	0.94880	8.61
30.5	53,724.75	311.76	0.00580	0.99420	8.17
31.5	53,412.99	2,926.61	0.05479	0.94521	8.12
32.5	50,486.38	39,529.85	0.78298	0.21702	7.68
33.5	11,231.53	10,956.53	0.97552	0.02448	1.67
34.5	647.29	0.00	0.00000	1.00000	0.04
35.5	647.29	0.00	0.00000	1.00000	0.04
36.5	647.29	0.00	0.00000	1.00000	0.04
37.5	1,870.29	0.00	0.00000	1.00000	0.04
38.5	10,231.31	0.00	0.00000	1.00000	0.04
39.5	10,231.31	275.00	0.02688	0.97312	0.04
40.5	9,956.31	0.00	0.00000	1.00000	0.04
41.5	10,435.31	0.00	0.00000	1.00000	0.04
42.5	12,423.31	1,595.29	0.12841	0.87159	0.04
43.5	12,386.02	0.00	0.00000	1.00000	0.04
44.5	12,386.02	859.00	0.06935	0.93065	0.04
45.5	11,527.02	0.00	0.00000	1.00000	0.03
46.5	11,527.02	7,981.02	0.69237	0.30763	0.03
47.5	3,546.00	0.00	0.00000	1.00000	0.01
48.5	3,546.00	0.00	0.00000	1.00000	0.01
49.5	3,546.00	1,988.00	0.56063	0.43937	0.01
50.5	1,558.00	1,558.00	1.00000	0.00000	0.00
51.5	263.00	0.00	0.00000	1.00000	0.00
52.5	2,411.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: E394.20-Shop Equipment
 Placement Band: 1916 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	2,411.00	0.00	0.00000	1.00000	0.00
54.5	2,411.00	0.00	0.00000	1.00000	0.00
55.5	2,411.00	0.00	0.00000	1.00000	0.00
56.5	2,411.00	263.00	0.10908	0.89092	0.00
57.5	2,148.00	2,148.00	1.00000	0.00000	0.00
58.5	0.00	0.00	0.00000	1.00000	0.00
59.5	0.00	0.00	0.00000	1.00000	
60.5	360.00	0.00	0.00000	1.00000	
61.5	2,960.00	0.00	0.00000	1.00000	
62.5	2,960.00	0.00	0.00000	1.00000	
63.5	3,318.00	0.00	0.00000	1.00000	
64.5	3,866.00	0.00	0.00000	1.00000	
65.5	5,702.00	360.00	0.06314	0.93686	
66.5	10,264.00	3,501.00	0.34110	0.65890	
67.5	6,763.00	0.00	0.00000	1.00000	
68.5	7,312.00	0.00	0.00000	1.00000	
69.5	7,312.00	548.00	0.07495	0.92505	
70.5	6,764.00	1,836.00	0.27144	0.72856	
71.5	4,928.00	4,379.00	0.88860	0.11140	
72.5	549.00	0.00	0.00000	1.00000	
73.5	549.00	549.00	1.00000	0.00000	
74.5	809.00	0.00	0.00000	1.00000	
75.5	809.00	0.00	0.00000	1.00000	
76.5	809.00	0.00	0.00000	1.00000	
77.5	809.00	0.00	0.00000	1.00000	
78.5	809.00	0.00	0.00000	1.00000	
79.5	809.00	809.00	1.00000	0.00000	
80.5	0.00	0.00	0.00000	1.00000	

Scenario: SDGE Actuarial @ 2020
Account: E394.20-Shop Equipment
Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	285,812.29	0.00	0.00000	1.00000	100.00
0.5	304,041.35	0.00	0.00000	1.00000	100.00
1.5	395,351.35	2,223.00	0.00562	0.99438	100.00
2.5	401,206.30	2,635.00	0.00657	0.99343	99.44
3.5	412,353.87	0.00	0.00000	1.00000	98.79
4.5	412,353.87	0.00	0.00000	1.00000	98.79
5.5	434,425.63	0.00	0.00000	1.00000	98.79
6.5	633,932.66	5,470.75	0.00863	0.99137	98.79
7.5	625,010.49	28,593.24	0.04575	0.95425	97.93
8.5	602,746.80	0.00	0.00000	1.00000	93.45
9.5	601,094.78	0.00	0.00000	1.00000	93.45
10.5	588,541.09	0.00	0.00000	1.00000	93.45
11.5	588,541.09	0.00	0.00000	1.00000	93.45
12.5	588,541.09	0.00	0.00000	1.00000	93.45
13.5	593,272.58	8,964.00	0.01511	0.98489	93.45
14.5	621,200.54	0.00	0.00000	1.00000	92.04
15.5	621,200.54	0.00	0.00000	1.00000	92.04
16.5	621,200.54	0.00	0.00000	1.00000	92.04
17.5	621,200.54	0.00	0.00000	1.00000	92.04
18.5	621,200.54	0.00	0.00000	1.00000	92.04
19.5	621,200.54	0.00	0.00000	1.00000	92.04
20.5	606,094.76	0.00	0.00000	1.00000	92.04
21.5	604,938.23	0.00	0.00000	1.00000	92.04
22.5	361,802.49	0.00	0.00000	1.00000	92.04
23.5	364,729.10	253,558.25	0.69520	0.30480	92.04
24.5	150,700.70	101,910.29	0.67624	0.32376	28.05
25.5	59,746.94	0.00	0.00000	1.00000	9.08
26.5	59,746.94	0.00	0.00000	1.00000	9.08
27.5	59,746.94	0.00	0.00000	1.00000	9.08
28.5	59,746.94	3,123.28	0.05228	0.94772	9.08
29.5	56,623.66	2,898.91	0.05120	0.94880	8.61
30.5	53,724.75	311.76	0.00580	0.99420	8.17
31.5	53,412.99	2,926.61	0.05479	0.94521	8.12
32.5	50,486.38	39,529.85	0.78298	0.21702	7.68
33.5	10,956.53	10,956.53	1.00000	0.00000	1.67
34.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: E394.20-Shop Equipment
Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	285,812.29	0.00	0.00000	1.00000	100.00
0.5	304,041.35	0.00	0.00000	1.00000	100.00
1.5	392,611.35	2,223.00	0.00566	0.99434	100.00
2.5	390,388.35	2,635.00	0.00675	0.99325	99.43
3.5	387,753.35	0.00	0.00000	1.00000	98.76
4.5	387,753.35	0.00	0.00000	1.00000	98.76
5.5	387,753.35	0.00	0.00000	1.00000	98.76
6.5	387,753.35	5,470.75	0.01411	0.98589	98.76
7.5	369,867.18	28,593.24	0.07731	0.92269	97.37
8.5	341,273.94	0.00	0.00000	1.00000	89.84
9.5	341,273.94	0.00	0.00000	1.00000	89.84
10.5	328,720.25	0.00	0.00000	1.00000	89.84
11.5	328,720.25	0.00	0.00000	1.00000	89.84
12.5	328,720.25	0.00	0.00000	1.00000	89.84
13.5	328,720.25	0.00	0.00000	1.00000	89.84
14.5	328,720.25	0.00	0.00000	1.00000	89.84
15.5	328,720.25	0.00	0.00000	1.00000	89.84
16.5	328,720.25	0.00	0.00000	1.00000	89.84
17.5	328,720.25	0.00	0.00000	1.00000	89.84
18.5	328,720.25	0.00	0.00000	1.00000	89.84
19.5	328,720.25	0.00	0.00000	1.00000	89.84
20.5	310,491.19	0.00	0.00000	1.00000	89.84
21.5	306,435.75	0.00	0.00000	1.00000	89.84
22.5	62,988.25	0.00	0.00000	1.00000	89.84
23.5	62,988.25	2,701.41	0.04289	0.95711	89.84
24.5	60,286.84	60,286.84	1.00000	0.00000	85.99
25.5	0.00	0.00	0.00000	1.00000	0.00

Actuarial Life Analysis

Account: E394.20-Shop Equipment
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1916 - 1951
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -1951	34.5	29.37	0.61243499	L0.5	21.06
1948 -1952	35.5	23.80	0.75629759	L1.5	19.40
1949 -1953	36.5	49.96	0.37714381	L0	30.73
1950 -1954	37.5	52.53	0.38247765	L0	32.76
1951 -1955	38.5	93.08	0.00470048	S1	83.76
1952 -1956	39.5	67.70	0.29923066	R0.5	39.46
1953 -1957	40.5	84.61	0.02813212	R0.5	91.00
1954 -1958	41.5	87.95	0.01009136	R0.5	125.44
1955 -1959	42.5	77.26	0.08065916	R0.5	62.90
1956 -1960	43.5	88.61	0.00757614	R0.5	134.20
1957 -1961	44.5	94.24	0.00463276	S0.5	131.32
1958 -1962	45.5	45.52	0.14821460	L5	43.20
1959 -1963	46.5	25.07	0.33801612	L1	37.94
1960 -1964	47.5	50.59	0.06299580	R2.5	47.24
1961 -1965	48.5	54.62	0.04688492	R3	48.31
1962 -1966	49.5	58.07	0.03539958	R3	49.43
1963 -1967	50.5	25.03	0.07416698	R4	41.73
1964 -1968	51.5	30.37	0.12113409	S3	43.30
1965 -1969	52.5	23.35	0.36483569	L4	39.64
1966 -1970	53.5	18.19	0.41674572	L4	38.05
1967 -1971	54.5	11.20	0.35299992	L5	35.08
1968 -1972	55.5	90.63	0.05373454	R0.5	154.59
1969 -1973	56.5	23.68	0.12612813	L1.5	46.69
1970 -1974	57.5	25.90	0.08409516	S2	48.48
1971 -1975	58.5	23.70	0.10040688	L2.5	46.78
1972 -1976	59.5	21.47	0.19972359	L3	44.83
1973 -1977	60.5	19.40	0.08617828	L2.5	46.65
1974 -1978	61.5	95.08	0.00577785	S3	96.14
1975 -1979		1.00			
1976 -1980	63.5	83.22	0.11703527	S0	112.34
1977 -1981	64.5	90.36	0.03992135	S0	158.00
1978 -1982	65.5	91.79	0.02958282	L0	262.78
1979 -1983	66.5	79.07	0.04509095	R3	83.22
1980 -1984	67.5	43.82	1.17696163	L0	51.10
1981 -1985	68.5	36.69	1.73317852	L0	44.47
1982 -1986	69.5	36.78	1.76498586	L0	44.75
1983 -1987	70.5	0.00	0.37324284	R2.5	19.79
1984 -1988	71.5	0.00	0.00000412	SQ	13.04
1985 -1989	72.5	0.00	0.33750312	S6	24.19
1986 -1990	73.5	0.00	0.24195026	S1.5	37.22
1987 -1991	74.5	0.00	0.32605263	L3	33.71
1988 -1992	75.5	92.57	0.00870316	L5	94.08
1989 -1993	76.5	93.09	0.00860321	L5	95.16
1990 -1994	77.5	77.74	0.05827447	S1.5	104.52

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E394.20-Shop Equipment

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 1995

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1991 -1995	78.5	74.52	0.06687883	R2	93.68
1992 -1996	79.5	0.00	0.84820584	R5	51.85
1993 -1997	80.5	0.00	1.10852175	L0	30.90
1994 -1998	81.5	0.00	0.42001379	R4	42.19
1995 -1999	82.5	0.00	1.23149174	R1	25.11
1996 -2000	83.5	0.00	0.66413456	R1	24.27
1997 -2001	84.5	0.00	0.75157634	R1.5	19.55
1998 -2002	85.5	0.00	0.81645143	R1.5	19.72
1999 -2003	86.5	0.00	0.81645143	R1.5	19.72
2000 -2004	87.5	0.00	0.89033853	L0	11.75
2001 -2005		0.00			
2002 -2006		0.00			
2003 -2007		0.00			
2004 -2008		0.00			
2005 -2009		0.00			
2006 -2010		0.00			
2007 -2011		0.00			
2008 -2012		0.00			
2009 -2013	88.5	0.00	0.00000000	SQ	16.20
2010 -2014	89.5	0.00	0.00000000	SQ	16.20
2011 -2015	90.5	0.00	0.00000000	SQ	16.20
2012 -2016	91.5	88.18	0.19090813	R0.5	190.83
2013 -2017	92.5	0.00	0.00184041	SQ	17.01
2014 -2018		0.00			
2015 -2019		0.00			
2016 -2020		0.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E394.20-Shop Equipment

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

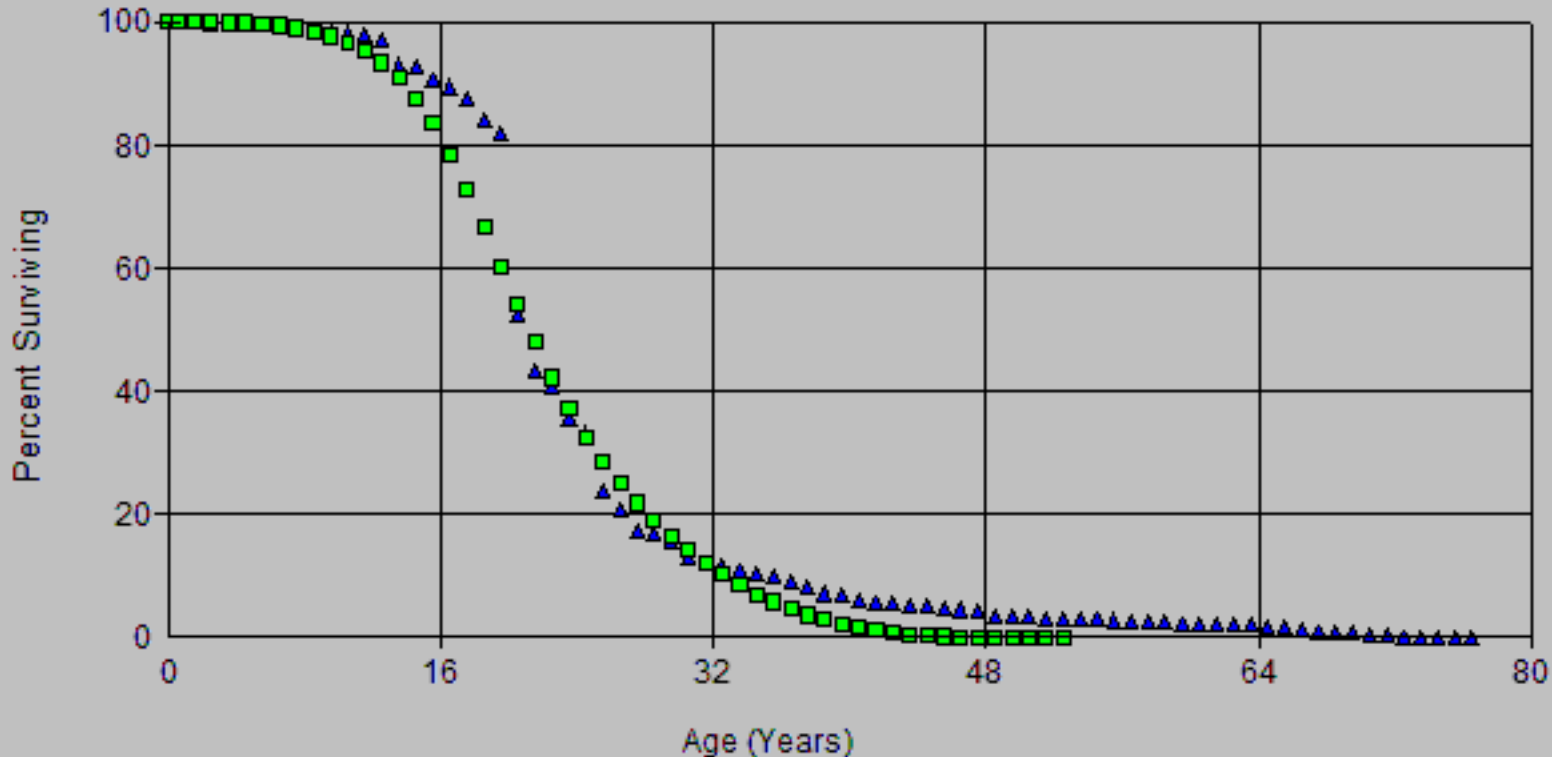
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -2020	104.5	0.00	0.48879709	L4	26.91
1952 -2020	104.5	0.00	0.48802777	L4	26.47
1957 -2020	104.5	0.00	0.43893759	L5	26.15
1962 -2020	104.5	0.00	0.35387976	L5	25.72
1967 -2020	104.5	0.00	0.32484573	L5	25.46
1972 -2020	104.5	0.00	0.32109054	L5	25.38
1977 -2020	104.5	0.00	0.30165056	S6	25.00
1982 -2020	104.5	0.00	0.24544370	S6	24.65
1987 -2020	104.5	0.00	0.21322882	SQ	24.34
1992 -2020	104.5	0.00	0.40337270	S6	23.16
1997 -2020	104.5	0.00	0.50194291	R5	22.71
2002 -2020	104.5	0.00	0.02093618	SQ	24.34
2007 -2020	104.5	0.00	0.02531582	SQ	24.34
2012 -2020	104.5	0.00	0.02301290	SQ	20.90
2017 -2020		0.00			

Account: E395.10-Laboratory Eq.-Other
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

■ L3 22.00

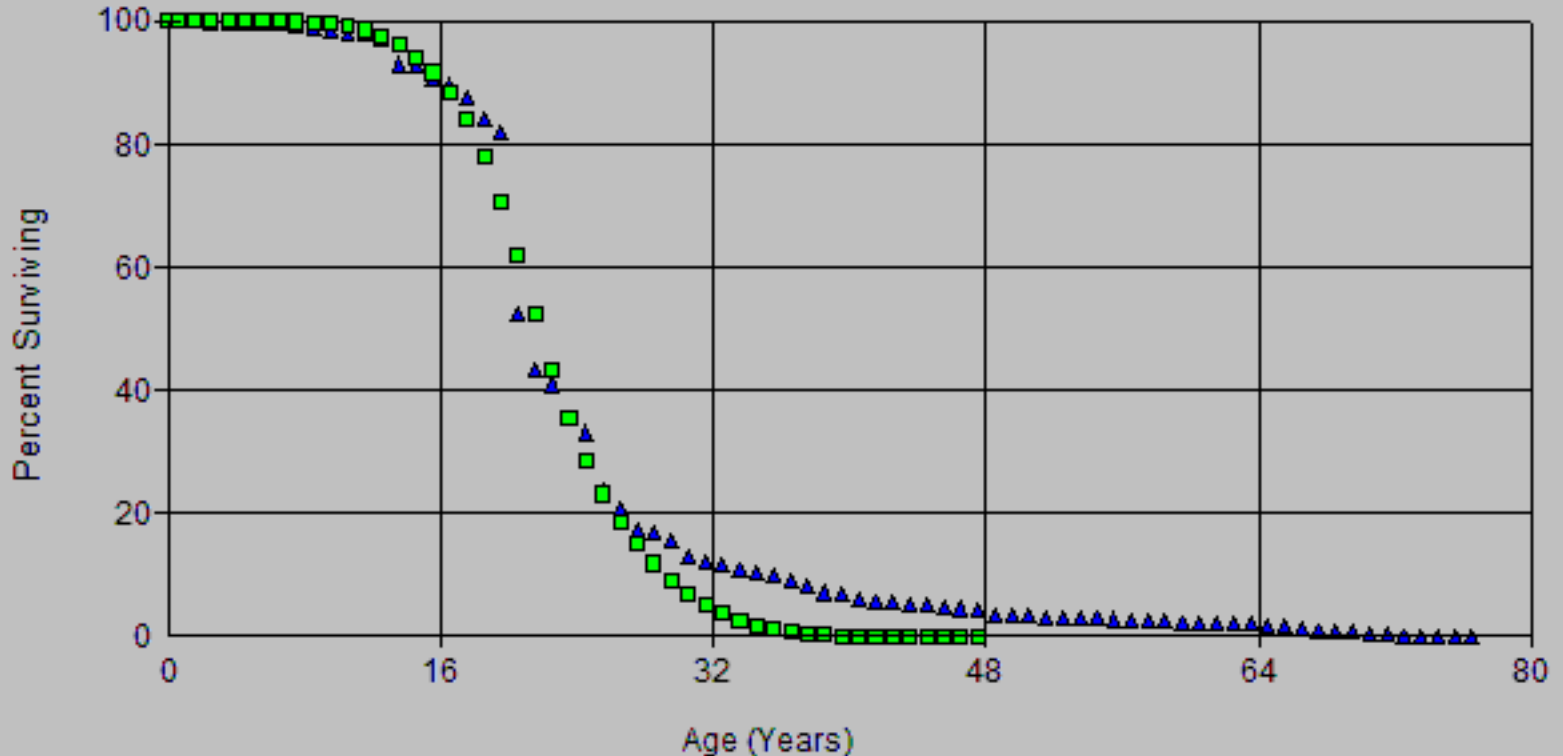


Account: E395.10-Laboratory Eq.-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC APP
 Depreciation

▲ Actual Data

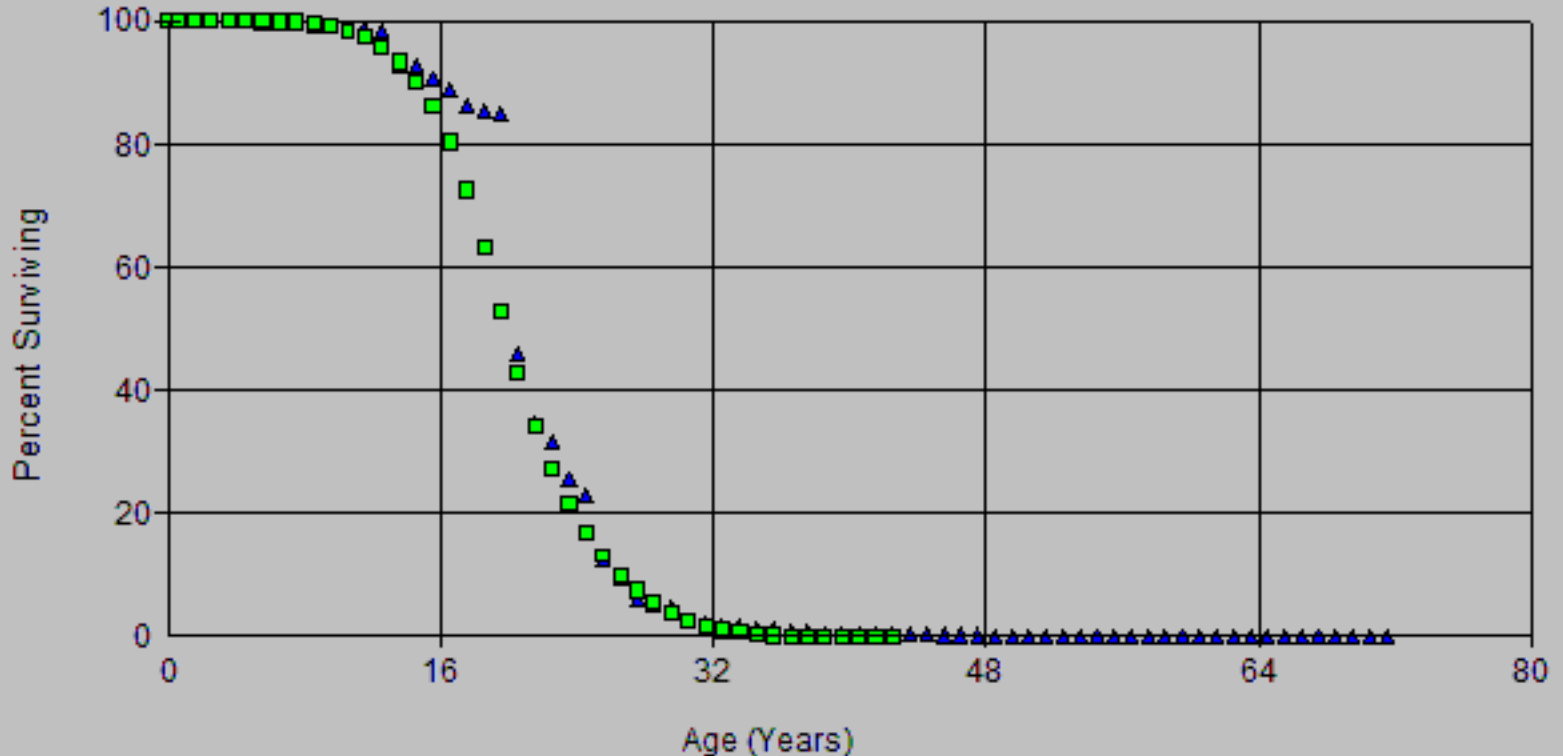
■ L4 22.00



SDG&E
2024 GRC APP
Depreciation

Account: E395.10-Laboratory Eq.-Other Scenario: SDGE Actuarial @ 2020

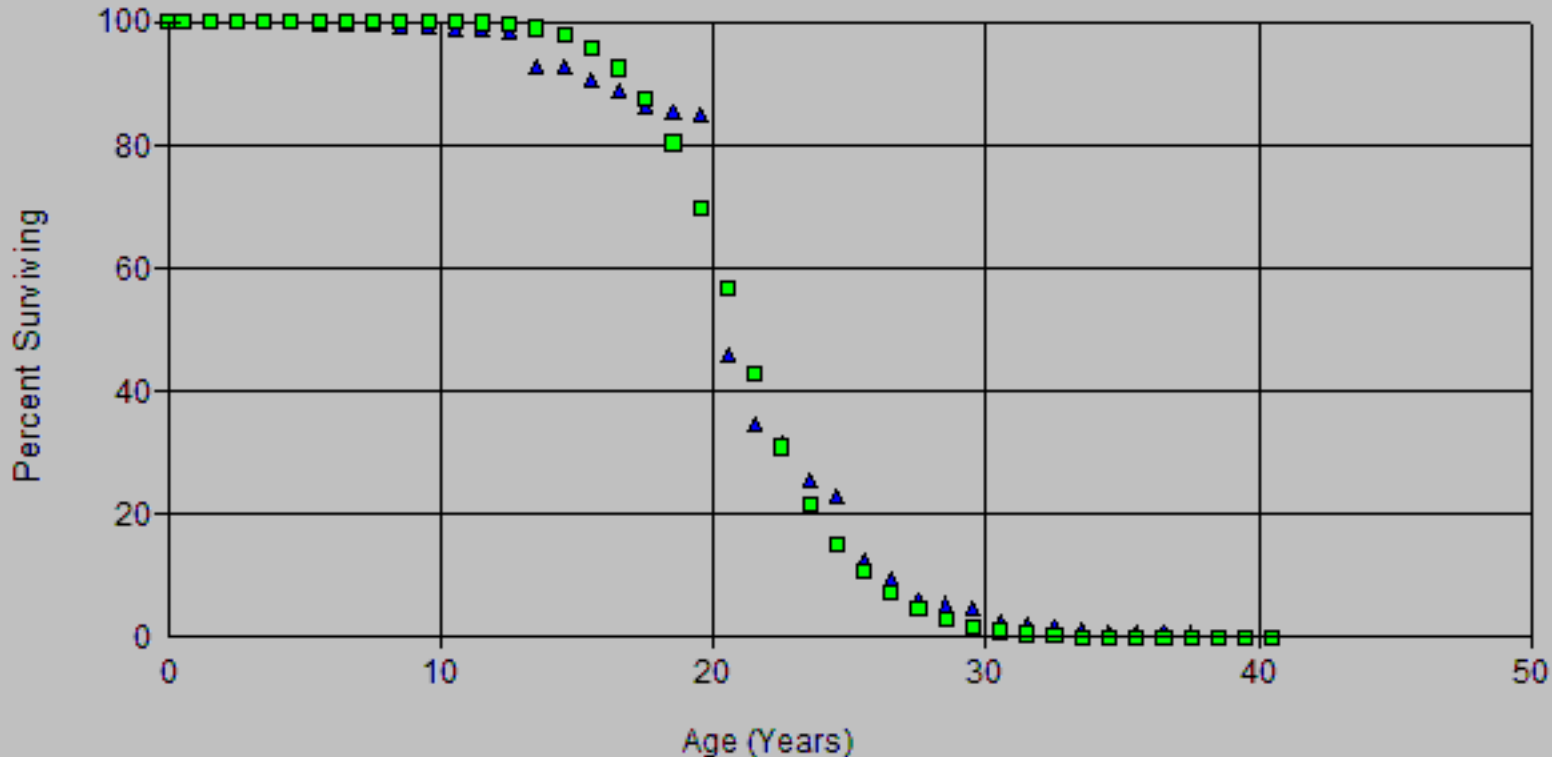
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SDG&E
 2024 GRC APP
 Depreciation

Account: E395.10-Laboratory Eq.-Other Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ L5 21.00

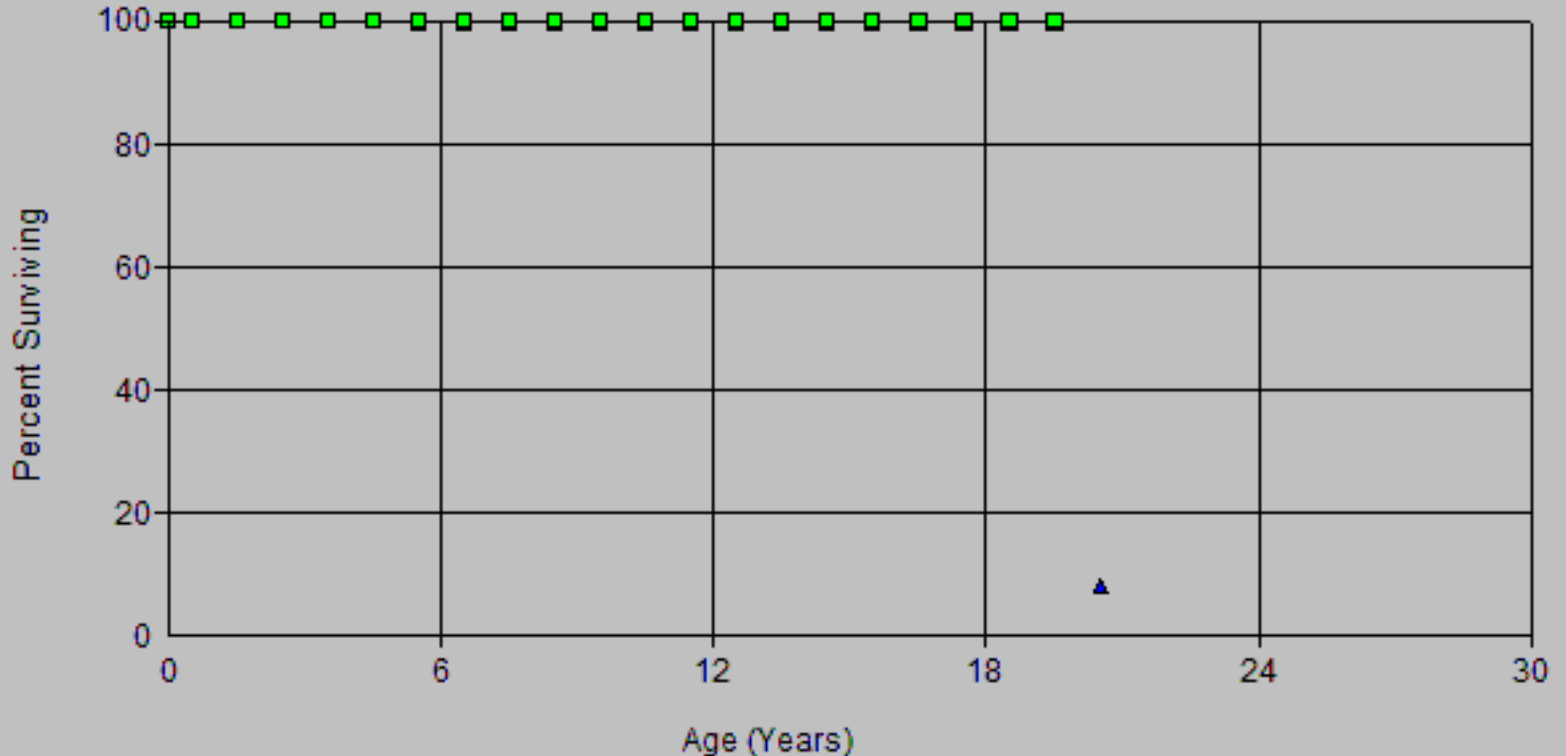


Account: E395.10-Laboratory Eq.-Other
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC APP
Depreciation

▲ Actual Data

■ SQ 20.00



Scenario: SDGE Actuarial @ 2020
 Account: E395.10-Laboratory Eq.-Other
 Placement Band: 1916 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	6,477,142.26	0.00	0.00000	1.00000	100.00
0.5	6,351,887.29	74.00	0.00001	0.99999	100.00
1.5	6,433,625.29	1,610.00	0.00025	0.99975	100.00
2.5	6,263,566.21	843.00	0.00013	0.99987	99.97
3.5	6,264,913.21	448.00	0.00007	0.99993	99.96
4.5	6,327,616.21	7,681.00	0.00121	0.99879	99.95
5.5	3,525,205.89	7,324.00	0.00208	0.99792	99.83
6.5	1,463,242.18	1,479.00	0.00101	0.99899	99.63
7.5	1,463,981.18	10,465.00	0.00715	0.99285	99.52
8.5	1,455,300.18	2,738.00	0.00188	0.99812	98.81
9.5	1,453,234.18	5,286.00	0.00364	0.99636	98.63
10.5	1,460,789.87	1,633.00	0.00112	0.99888	98.27
11.5	1,431,388.96	12,573.00	0.00878	0.99122	98.16
12.5	1,419,844.96	61,629.00	0.04341	0.95659	97.30
13.5	1,377,359.96	6,134.00	0.00445	0.99555	93.07
14.5	1,366,752.96	29,168.79	0.02134	0.97866	92.66
15.5	1,290,106.02	15,845.00	0.01228	0.98772	90.68
16.5	1,082,447.10	23,951.00	0.02213	0.97787	89.57
17.5	1,063,874.10	43,429.00	0.04082	0.95918	87.58
18.5	1,025,345.10	25,241.00	0.02462	0.97538	84.01
19.5	1,003,991.10	362,976.52	0.36153	0.63847	81.94
20.5	652,402.58	110,561.74	0.16947	0.83053	52.32
21.5	543,479.84	30,894.41	0.05685	0.94315	43.45
22.5	522,839.43	70,968.97	0.13574	0.86426	40.98
23.5	454,647.46	28,856.59	0.06347	0.93653	35.42
24.5	427,103.87	120,962.88	0.28322	0.71678	33.17
25.5	307,234.99	36,557.07	0.11899	0.88101	23.78
26.5	271,423.92	46,312.01	0.17063	0.82937	20.95
27.5	225,751.91	8,200.11	0.03632	0.96368	17.37
28.5	218,458.80	16,165.11	0.07400	0.92600	16.74
29.5	202,808.69	31,280.04	0.15423	0.84577	15.50
30.5	172,077.65	15,485.67	0.08999	0.91001	13.11
31.5	156,591.98	3,384.00	0.02161	0.97839	11.93
32.5	153,207.98	10,021.14	0.06541	0.93459	11.67
33.5	143,186.84	5,744.41	0.04012	0.95988	10.91
34.5	137,442.43	8,076.34	0.05876	0.94124	10.47
35.5	129,366.09	12,663.29	0.09789	0.90211	9.86
36.5	116,702.80	10,186.89	0.08729	0.91271	8.89
37.5	106,515.91	12,870.89	0.12084	0.87916	8.12
38.5	93,645.02	5,530.34	0.05906	0.94094	7.14
39.5	88,114.68	8,631.00	0.09795	0.90205	6.71
40.5	79,483.68	5,846.62	0.07356	0.92644	6.06
41.5	73,637.06	2,325.00	0.03157	0.96843	5.61
42.5	71,312.06	2,629.98	0.03688	0.96312	5.43
43.5	68,682.08	1,967.72	0.02865	0.97135	5.23
44.5	66,714.36	5,250.46	0.07870	0.92130	5.08
45.5	61,463.90	2,484.00	0.04041	0.95959	4.68
46.5	58,979.90	2,066.00	0.03503	0.96497	4.50
47.5	56,913.90	10,346.90	0.18180	0.81820	4.34
48.5	46,567.00	2,047.00	0.04396	0.95604	3.55
49.5	44,520.00	337.00	0.00757	0.99243	3.39
50.5	44,183.00	3,020.00	0.06835	0.93165	3.37
51.5	41,163.00	1,293.00	0.03141	0.96859	3.14
52.5	39,870.00	999.00	0.02280	0.97720	3.01

Scenario: SDGE Actuarial @ 2020

Account: E395.10-Laboratory Eq.-Other

Placement Band: 1916 - 2020

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	38,961.00	1,267.00	0.03252	0.96748	2.97
54.5	37,694.00	2,079.00	0.05515	0.94485	2.87
55.5	35,615.00	2,527.00	0.07095	0.92905	2.71
56.5	33,088.00	886.00	0.02678	0.97322	2.52
57.5	32,202.00	547.00	0.01699	0.98301	2.45
58.5	31,655.00	1,512.00	0.04776	0.95224	2.41
59.5	30,143.00	1,401.00	0.04648	0.95352	2.30
60.5	28,742.00	2,202.00	0.07661	0.92339	2.19
61.5	26,540.00	789.00	0.02973	0.97027	2.02
62.5	25,751.00	314.00	0.01219	0.98781	1.96
63.5	25,437.00	926.00	0.03640	0.96360	1.94
64.5	24,511.00	2,056.00	0.08388	0.91612	1.87
65.5	22,455.00	4,325.00	0.19261	0.80739	1.71
66.5	18,130.00	4,748.00	0.26189	0.73811	1.38
67.5	13,382.00	634.00	0.04738	0.95262	1.02
68.5	12,748.00	463.00	0.03632	0.96368	0.97
69.5	12,285.00	6,950.00	0.56573	0.43427	0.94
70.5	5,335.00	104.00	0.01949	0.98051	0.41
71.5	5,231.00	4,427.00	0.84630	0.15370	0.40
72.5	804.00	0.00	0.00000	1.00000	0.06
73.5	804.00	0.00	0.00000	1.00000	0.06
74.5	804.00	296.00	0.36816	0.63184	0.06
75.5	508.00	0.00	0.00000	1.00000	0.04
76.5	508.00	508.00	1.00000	0.00000	0.04
77.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: E395.10-Laboratory Eq.-Other
 Placement Band: 1916 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	5,366,862.09	0.00	0.00000	1.00000	100.00
0.5	5,234,103.12	0.00	0.00000	1.00000	100.00
1.5	5,319,421.12	0.00	0.00000	1.00000	100.00
2.5	5,143,521.63	0.00	0.00000	1.00000	100.00
3.5	5,281,839.10	0.00	0.00000	1.00000	100.00
4.5	5,447,367.26	5,000.00	0.00092	0.99908	100.00
5.5	2,665,535.80	0.00	0.00000	1.00000	99.91
6.5	696,107.29	0.00	0.00000	1.00000	99.91
7.5	799,313.34	4,917.00	0.00615	0.99385	99.91
8.5	825,847.75	0.00	0.00000	1.00000	99.29
9.5	901,898.72	5,020.00	0.00557	0.99443	99.29
10.5	945,709.00	0.00	0.00000	1.00000	98.74
11.5	971,829.69	980.00	0.00101	0.99899	98.74
12.5	976,288.16	57,035.00	0.05842	0.94158	98.64
13.5	974,755.50	336.00	0.00034	0.99966	92.88
14.5	974,454.56	24,815.79	0.02547	0.97453	92.85
15.5	909,016.01	14,122.00	0.01554	0.98446	90.48
16.5	705,052.11	22,123.00	0.03138	0.96862	89.08
17.5	728,857.18	8,442.00	0.01158	0.98842	86.28
18.5	780,962.19	834.00	0.00107	0.99893	85.28
19.5	785,145.30	360,569.52	0.45924	0.54076	85.19
20.5	429,736.89	107,769.74	0.25078	0.74922	46.07
21.5	342,447.19	26,772.41	0.07818	0.92182	34.51
22.5	332,132.45	66,790.97	0.20110	0.79890	31.82
23.5	275,473.48	26,925.59	0.09774	0.90226	25.42
24.5	260,876.03	117,683.88	0.45111	0.54889	22.93
25.5	147,018.56	34,494.07	0.23462	0.76538	12.59
26.5	115,569.83	43,399.01	0.37552	0.62448	9.64
27.5	75,569.11	7,649.11	0.10122	0.89878	6.02
28.5	72,530.89	10,384.11	0.14317	0.85683	5.41
29.5	70,651.67	30,126.04	0.42640	0.57360	4.63
30.5	46,168.97	11,158.67	0.24169	0.75831	2.66
31.5	35,325.30	2,243.00	0.06350	0.93650	2.02
32.5	33,839.92	8,213.14	0.24271	0.75729	1.89
33.5	25,626.78	3,825.41	0.14927	0.85073	1.43
34.5	23,225.35	1,700.34	0.07321	0.92679	1.22
35.5	22,449.73	3,967.29	0.17672	0.82328	1.13
36.5	23,298.90	4,510.89	0.19361	0.80639	0.93
37.5	18,788.01	8,781.89	0.46742	0.53258	0.75
38.5	10,006.12	2,083.34	0.20821	0.79179	0.40
39.5	13,221.68	0.00	0.00000	1.00000	0.32
40.5	16,373.68	757.62	0.04627	0.95373	0.32
41.5	16,467.06	0.00	0.00000	1.00000	0.30
42.5	16,828.06	1,423.98	0.08462	0.91538	0.30
43.5	17,453.08	1,817.72	0.10415	0.89585	0.28
44.5	16,465.36	3,923.46	0.23829	0.76171	0.25
45.5	13,332.90	0.00	0.00000	1.00000	0.19
46.5	13,332.90	361.00	0.02708	0.97292	0.19
47.5	14,005.90	8,450.90	0.60338	0.39662	0.18
48.5	6,425.00	851.00	0.13245	0.86755	0.07
49.5	7,931.00	0.00	0.00000	1.00000	0.06
50.5	7,931.00	2,879.00	0.36301	0.63699	0.06
51.5	5,052.00	791.00	0.15657	0.84343	0.04
52.5	4,261.00	533.00	0.12509	0.87491	0.03

Scenario: SDGE Actuarial @ 2020

Account: E395.10-Laboratory Eq.-Other

Placement Band: 1916 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	4,133.00	1,034.00	0.25018	0.74982	0.03
54.5	3,351.00	718.00	0.21426	0.78574	0.02
55.5	2,922.00	1,976.00	0.67625	0.32375	0.02
56.5	946.00	0.00	0.00000	1.00000	0.01
57.5	946.00	0.00	0.00000	1.00000	0.01
58.5	1,604.00	405.00	0.25249	0.74751	0.01
59.5	3,274.00	252.00	0.07697	0.92303	0.00
60.5	3,503.00	289.00	0.08250	0.91750	0.00
61.5	5,584.00	317.00	0.05677	0.94323	0.00
62.5	6,425.00	0.00	0.00000	1.00000	0.00
63.5	6,425.00	658.00	0.10241	0.89759	0.00
64.5	14,806.00	1,758.00	0.11874	0.88126	0.00
65.5	13,048.00	1,005.00	0.07702	0.92298	0.00
66.5	16,470.00	4,207.00	0.25543	0.74457	0.00
67.5	12,263.00	634.00	0.05170	0.94830	0.00
68.5	11,629.00	350.00	0.03010	0.96990	0.00
69.5	11,575.00	6,852.00	0.59197	0.40803	0.00
70.5	4,723.00	0.00	0.00000	1.00000	0.00
71.5	5,231.00	4,427.00	0.84630	0.15370	0.00
72.5	804.00	0.00	0.00000	1.00000	0.00
73.5	804.00	0.00	0.00000	1.00000	0.00
74.5	804.00	296.00	0.36816	0.63184	0.00
75.5	508.00	0.00	0.00000	1.00000	0.00
76.5	508.00	508.00	1.00000	0.00000	0.00
77.5	0.00	0.00	0.00000	1.00000	0.00

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Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E395.10-Laboratory Eq.-Other

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	5,366,862.09	0.00	0.00000	1.00000	100.00
0.5	5,234,103.12	0.00	0.00000	1.00000	100.00
1.5	5,319,421.12	0.00	0.00000	1.00000	100.00
2.5	5,143,521.63	0.00	0.00000	1.00000	100.00
3.5	5,281,839.10	0.00	0.00000	1.00000	100.00
4.5	5,447,367.26	5,000.00	0.00092	0.99908	100.00
5.5	2,665,535.80	0.00	0.00000	1.00000	99.91
6.5	696,107.29	0.00	0.00000	1.00000	99.91
7.5	799,313.34	4,917.00	0.00615	0.99385	99.91
8.5	825,847.75	0.00	0.00000	1.00000	99.29
9.5	901,898.72	5,020.00	0.00557	0.99443	99.29
10.5	945,709.00	0.00	0.00000	1.00000	98.74
11.5	971,829.69	980.00	0.00101	0.99899	98.74
12.5	976,288.16	57,035.00	0.05842	0.94158	98.64
13.5	974,755.50	336.00	0.00034	0.99966	92.88
14.5	974,454.56	24,815.79	0.02547	0.97453	92.85
15.5	909,016.01	14,122.00	0.01554	0.98446	90.48
16.5	705,052.11	22,123.00	0.03138	0.96862	89.08
17.5	728,857.18	8,442.00	0.01158	0.98842	86.28
18.5	780,962.19	834.00	0.00107	0.99893	85.28
19.5	785,145.30	360,569.52	0.45924	0.54076	85.19
20.5	429,736.89	107,769.74	0.25078	0.74922	46.07
21.5	342,447.19	26,772.41	0.07818	0.92182	34.51
22.5	332,132.45	66,790.97	0.20110	0.79890	31.82
23.5	275,473.48	26,925.59	0.09774	0.90226	25.42
24.5	260,876.03	117,683.88	0.45111	0.54889	22.93
25.5	147,018.56	34,494.07	0.23462	0.76538	12.59
26.5	115,569.83	43,399.01	0.37552	0.62448	9.64
27.5	75,569.11	7,649.11	0.10122	0.89878	6.02
28.5	72,530.89	10,384.11	0.14317	0.85683	5.41
29.5	70,651.67	30,126.04	0.42640	0.57360	4.63
30.5	40,525.63	11,158.67	0.27535	0.72465	2.66
31.5	29,366.96	2,243.00	0.07638	0.92362	1.93
32.5	27,123.96	8,213.14	0.30280	0.69720	1.78
33.5	18,910.82	3,825.41	0.20229	0.79771	1.24
34.5	15,085.41	1,700.34	0.11271	0.88729	0.99
35.5	13,385.07	1,156.29	0.08639	0.91361	0.88
36.5	12,228.78	3,723.89	0.30452	0.69548	0.80
37.5	8,504.89	8,504.89	1.00000	0.00000	0.56
38.5	0.00	0.00	0.00000	1.00000	0.00

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Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E395.10-Laboratory Eq.-Other

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	5,366,862.09	0.00	0.00000	1.00000	100.00
0.5	5,234,103.12	0.00	0.00000	1.00000	100.00
1.5	5,314,504.12	0.00	0.00000	1.00000	100.00
2.5	5,130,591.04	0.00	0.00000	1.00000	100.00
3.5	5,130,591.04	0.00	0.00000	1.00000	100.00
4.5	5,192,372.04	5,000.00	0.00096	0.99904	100.00
5.5	2,387,072.72	0.00	0.00000	1.00000	99.90
6.5	308,291.01	0.00	0.00000	1.00000	99.90
7.5	308,291.01	0.00	0.00000	1.00000	99.90
8.5	308,291.01	0.00	0.00000	1.00000	99.90
9.5	308,291.01	0.00	0.00000	1.00000	99.90
10.5	320,844.70	0.00	0.00000	1.00000	99.90
11.5	292,330.79	0.00	0.00000	1.00000	99.90
12.5	292,330.79	0.00	0.00000	1.00000	99.90
13.5	292,330.79	0.00	0.00000	1.00000	99.90
14.5	292,330.79	0.00	0.00000	1.00000	99.90
15.5	241,167.64	0.00	0.00000	1.00000	99.90
16.5	47,819.72	0.00	0.00000	1.00000	99.90
17.5	47,819.72	0.00	0.00000	1.00000	99.90
18.5	47,819.72	0.00	0.00000	1.00000	99.90
19.5	47,819.72	43,845.03	0.91688	0.08312	99.90
20.5	3,974.69	3,974.69	1.00000	0.00000	8.30
21.5	0.00	0.00	0.00000	1.00000	0.00

Actuarial Life Analysis

SDG&E
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Depreciation

Account: E395.10-Laboratory Eq.-Other

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 1951

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -1951	35.5	80.97	0.00615858	S1.5	50.22
1948 -1952	36.5	82.41	0.00917959	S1	57.42
1949 -1953	37.5	86.92	0.00799243	R1.5	76.05
1950 -1954	38.5	91.14	0.01069604	R0.5	132.73
1951 -1955	39.5	59.05	0.10088840	R2	68.72
1952 -1956	40.5	71.82	0.03493935	R2	57.64
1953 -1957	41.5	75.67	0.02586030	R0.5	84.57
1954 -1958	42.5	83.37	0.00564037	R3	57.54
1955 -1959	43.5	77.58	0.02573145	S1	61.09
1956 -1960	44.5	67.77	0.03400553	S1.5	50.06
1957 -1961	45.5	58.81	0.03801210	L2	50.84
1958 -1962	46.5	45.11	0.05240331	L1.5	45.53
1959 -1963	47.5	44.81	0.03627079	R1.5	43.65
1960 -1964	48.5	60.75	0.00989034	R2	52.05
1961 -1965	49.5	60.20	0.00945496	S1	53.98
1962 -1966	50.5	39.37	0.09814802	R3	48.55
1963 -1967	51.5	50.19	0.02699247	R4	49.07
1964 -1968	52.5	15.47	0.09215350	S2.5	42.49
1965 -1969	53.5	12.67	0.27849395	L3	38.57
1966 -1970	54.5	22.16	0.16796442	L2.5	43.22
1967 -1971	55.5	17.57	0.57951762	L1	30.66
1968 -1972	56.5	4.08	0.56048684	L1.5	28.04
1969 -1973	57.5	8.82	0.84290777	L1	27.04
1970 -1974	58.5	12.22	1.28946512	L0.5	26.37
1971 -1975	59.5	13.54	1.30456131	L1.5	25.78
1972 -1976	60.5	44.64	0.04912571	L0	57.11
1973 -1977	61.5	79.94	0.11657085	R0.5	91.89
1974 -1978	62.5	80.59	0.14235432	R0.5	91.03
1975 -1979	63.5	92.69	0.02268658	R0.5	225.44
1976 -1980	64.5	93.37	0.05525683	R0.5	214.71
1977 -1981	65.5	94.08	0.04639635	R0.5	241.93
1978 -1982	66.5	94.52	0.04085505	R0.5	263.16
1979 -1983	67.5	97.08	0.00146475	R2	266.40
1980 -1984	68.5	46.50	0.69608609	L0	52.05
1981 -1985	69.5	50.11	0.66618565	L0	56.32
1982 -1986	70.5	49.67	0.73335736	L0	54.96
1983 -1987	71.5	0.00	0.05461589	L2.5	24.46
1984 -1988	72.5	0.00	0.03502102	L2	23.95
1985 -1989	73.5	0.00	0.01646038	S1	26.42
1986 -1990	74.5	0.02	0.04818810	S1	25.40
1987 -1991	75.5	0.02	0.04609323	R2	27.07
1988 -1992	76.5	56.40	0.09754783	L0.5	88.29
1989 -1993	77.5	45.40	0.22870551	S1	70.38
1990 -1994	78.5	31.40	0.32362545	S1.5	66.88

Actuarial Life Analysis

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Account: E395.10-Laboratory Eq.-Other

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 1995

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1991 -1995	79.5	40.40	0.12937751	L0	68.92
1992 -1996	80.5	0.00	0.24302332	S0.5	42.05
1993 -1997	81.5	0.00	0.13581427	L0.5	20.59
1994 -1998	82.5	0.00	0.08099243	L1	22.02
1995 -1999	83.5	0.00	0.09956647	R1	19.66
1996 -2000	84.5	0.00	0.15720654	R0.5	17.27
1997 -2001		0.00			
1998 -2002		0.00			
1999 -2003		0.00			
2000 -2004	85.5	0.00	0.05883366	S5	19.10
2001 -2005	86.5	0.00	0.07234513	S6	18.56
2002 -2006	87.5	0.00	0.10627146	S6	17.86
2003 -2007	88.5	0.00	0.06301196	SQ	17.33
2004 -2008	89.5	0.00	0.00000000	SQ	17.20
2005 -2009	90.5	0.00	0.00000000	SQ	17.20
2006 -2010	91.5	0.00	0.00000000	SQ	17.20
2007 -2011	92.5	0.00	0.00000000	SQ	17.20
2008 -2012	93.5	0.00	0.00000000	SQ	17.20
2009 -2013	94.5	0.00	0.00000000	SQ	17.20
2010 -2014	95.5	8.31	2.70008295	L2	23.57
2011 -2015	96.5	0.00	0.00642288	SQ	17.33
2012 -2016	97.5	0.00	0.00642288	SQ	17.33
2013 -2017	98.5	0.00	0.03057241	SQ	17.38
2014 -2018	99.5	0.00	0.00000000	SQ	18.20
2015 -2019	100.5	0.00	0.00000000	SQ	18.20
2016 -2020		1.00			

Actuarial Life Analysis

SDG&E
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Account: E395.10-Laboratory Eq.-Other

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

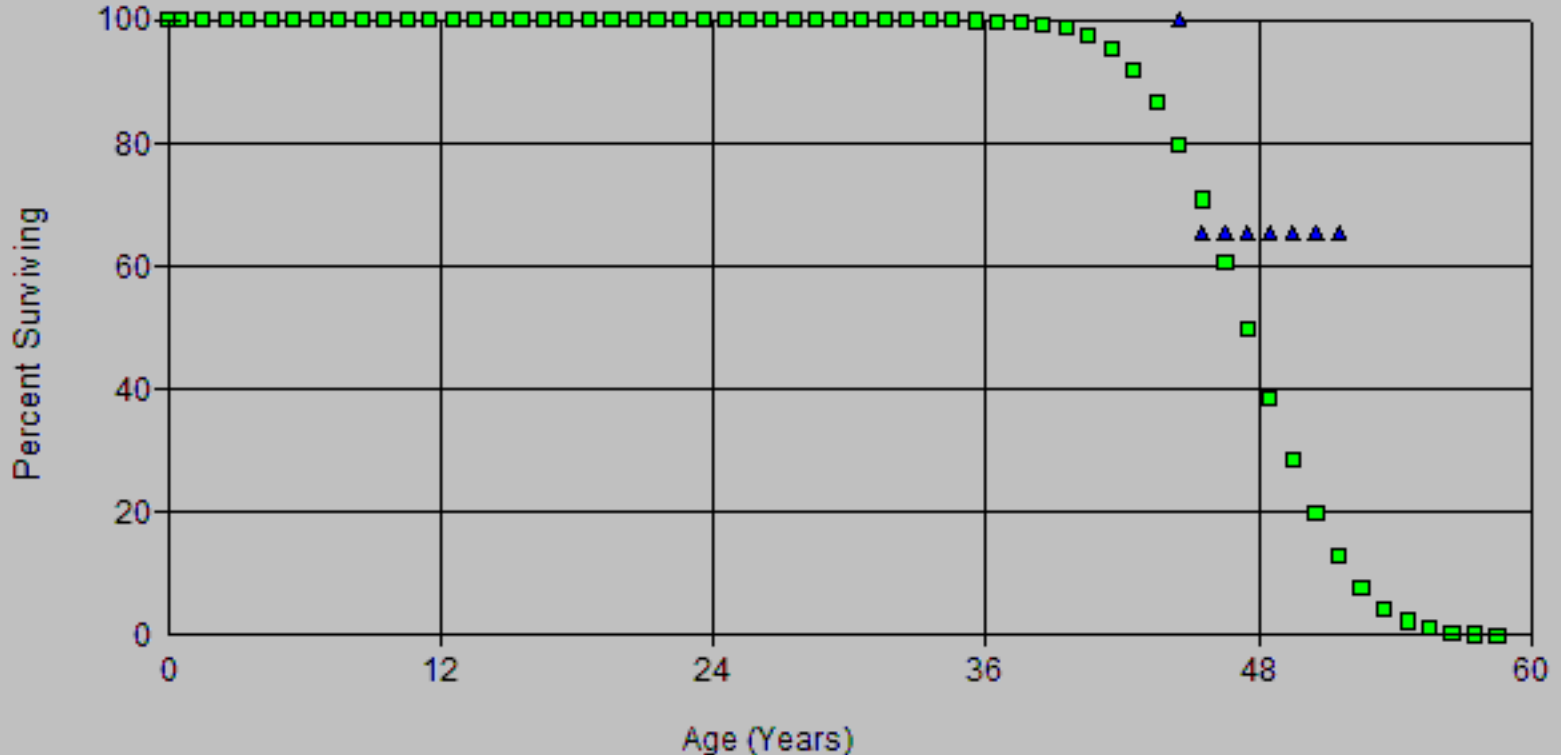
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -2020	104.5	0.00	0.19161209	L3	24.06
1952 -2020	104.5	0.00	0.19371624	L3	23.78
1957 -2020	104.5	0.00	0.18592270	L4	23.50
1962 -2020	104.5	0.00	0.15261454	L4	23.24
1967 -2020	104.5	0.00	0.11923418	L4	22.93
1972 -2020	104.5	0.00	0.10950102	L4	22.74
1977 -2020	104.5	0.00	0.08466990	L4	22.32
1982 -2020	104.5	0.00	0.06847237	L4	21.84
1987 -2020	104.5	0.00	0.07272970	L5	21.43
1992 -2020	104.5	0.00	0.06411561	L5	21.24
1997 -2020	104.5	0.00	0.09528197	R5	20.18
2002 -2020	104.5	0.00	0.18058545	S6	20.54
2007 -2020	104.5	0.00	0.00042025	SQ	20.26
2012 -2020	104.5	0.00	0.00448979	SQ	20.33
2017 -2020		1.00			

Account: E396.00 - Power Oper Eqp
 Scenario: SDGE Actuarial @ 2020

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 Depreciation

▲ Actual Data

■ S6 47.00



Scenario: SDGE Actuarial @ 2020
 Account: E396.00 - Power Oper Eqp
 Placement Band: 1969 - 2020

Observation Band: 2014 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
44.5	92,161.75	31,632.82	0.34323	0.65677	100.00
45.5	60,528.93	0.00	0.00000	1.00000	65.68
46.5	60,528.93	0.00	0.00000	1.00000	65.68
47.5	60,528.93	0.00	0.00000	1.00000	65.68
48.5	60,528.93	0.00	0.00000	1.00000	65.68
49.5	60,528.93	0.00	0.00000	1.00000	65.68
50.5	60,528.93	0.00	0.00000	1.00000	65.68
51.5	0.00	0.00	0.00000	0.00000	65.68

Actuarial Life Analysis

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Account: E396.00 - Power Oper Eqp

Scenario: SDGE Actuarial @ 2020

Placement Band: 1969 - 2018

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation	<u>Censoring</u>		Error Sum	<u>Best Fit</u>	
Band	Age	Percent	<u>of Squares</u>	Disp	ASL
2014 -2018		0.00			
2015 -2019		0.00			
2016 -2020		0.00			

Actuarial Life Analysis

SDG&E
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Depreciation

Account: E396.00 - Power Oper Eqp

Scenario: SDGE Actuarial @ 2020

Placement Band: 1969 - 2020

Function: Survivorship Annual Rate Method

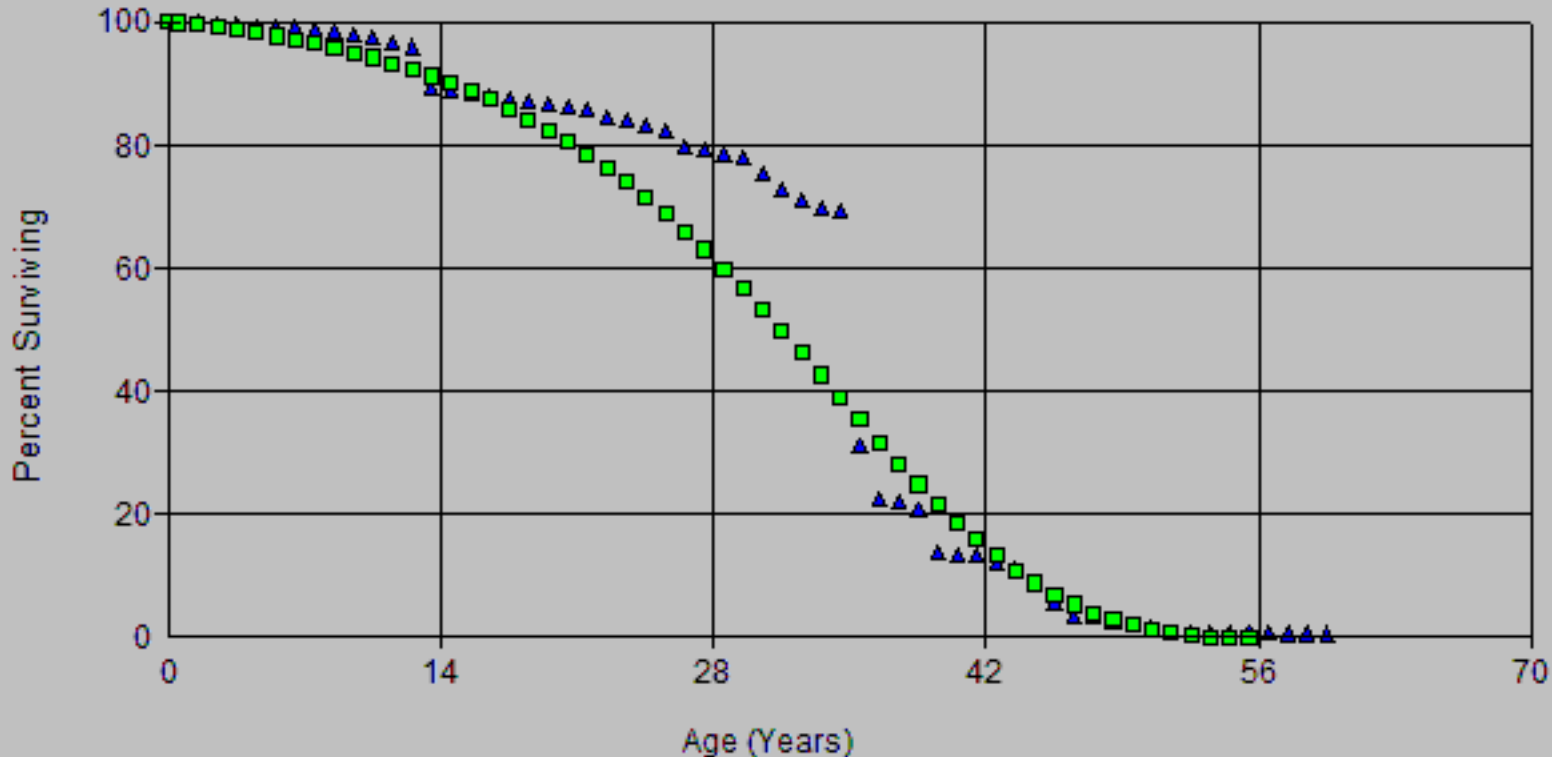
Weighting: Unweighted

T-Cut: None

Observation	<u>Censoring</u>		Error Sum	<u>Best Fit</u>	
Band	Age	Percent	<u>of Squares</u>	Disp	ASL
2014 -2020		0.00			
2019 -2020		0.00			

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 Account: E397.10-Commun. Equip.-Other
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2 30.00

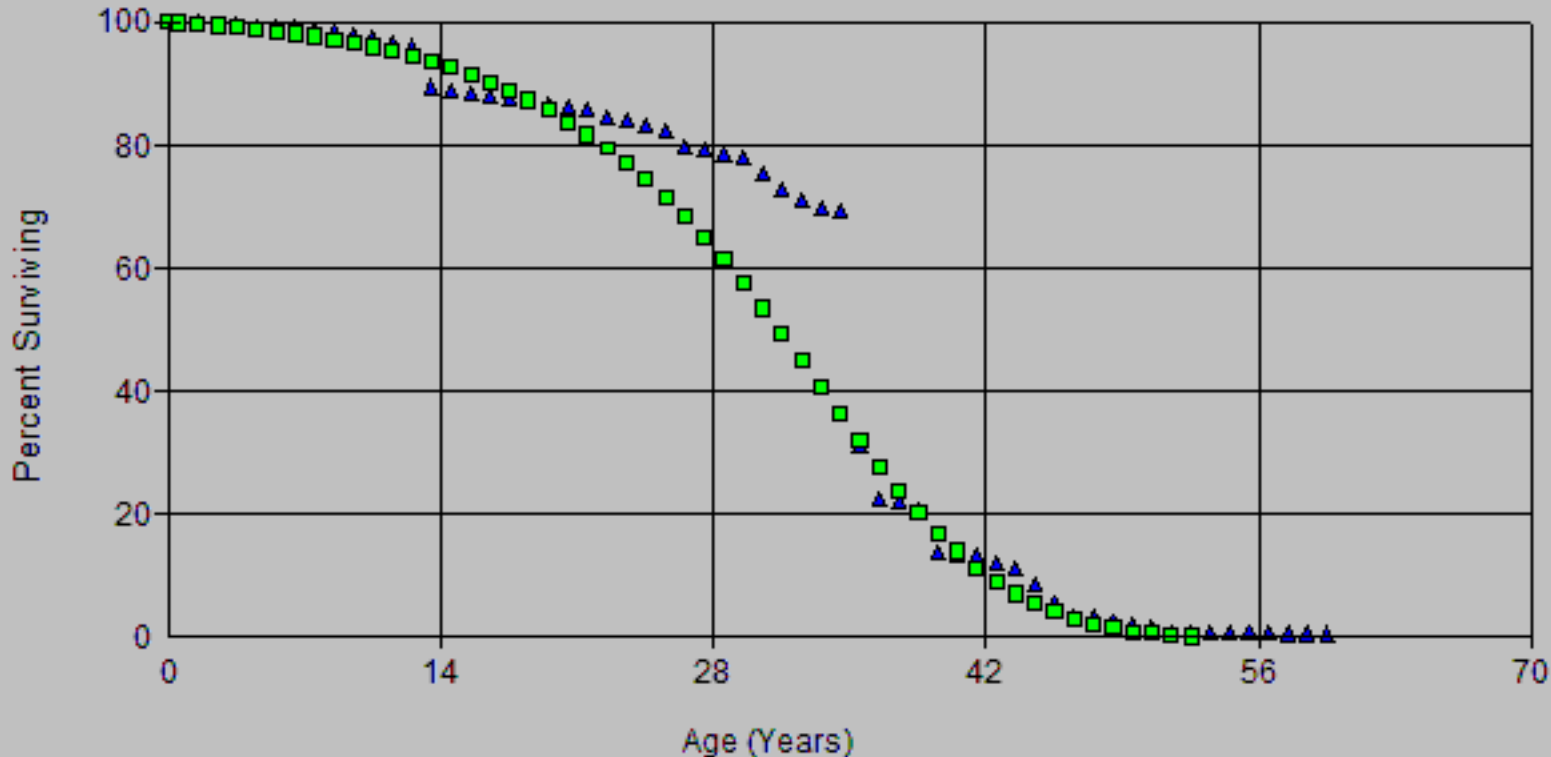


Account: E397.10-Commun. Equip.-Other
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CIRC IAP
Depreciation

▲ Actual Data

■ R2.5 30.00

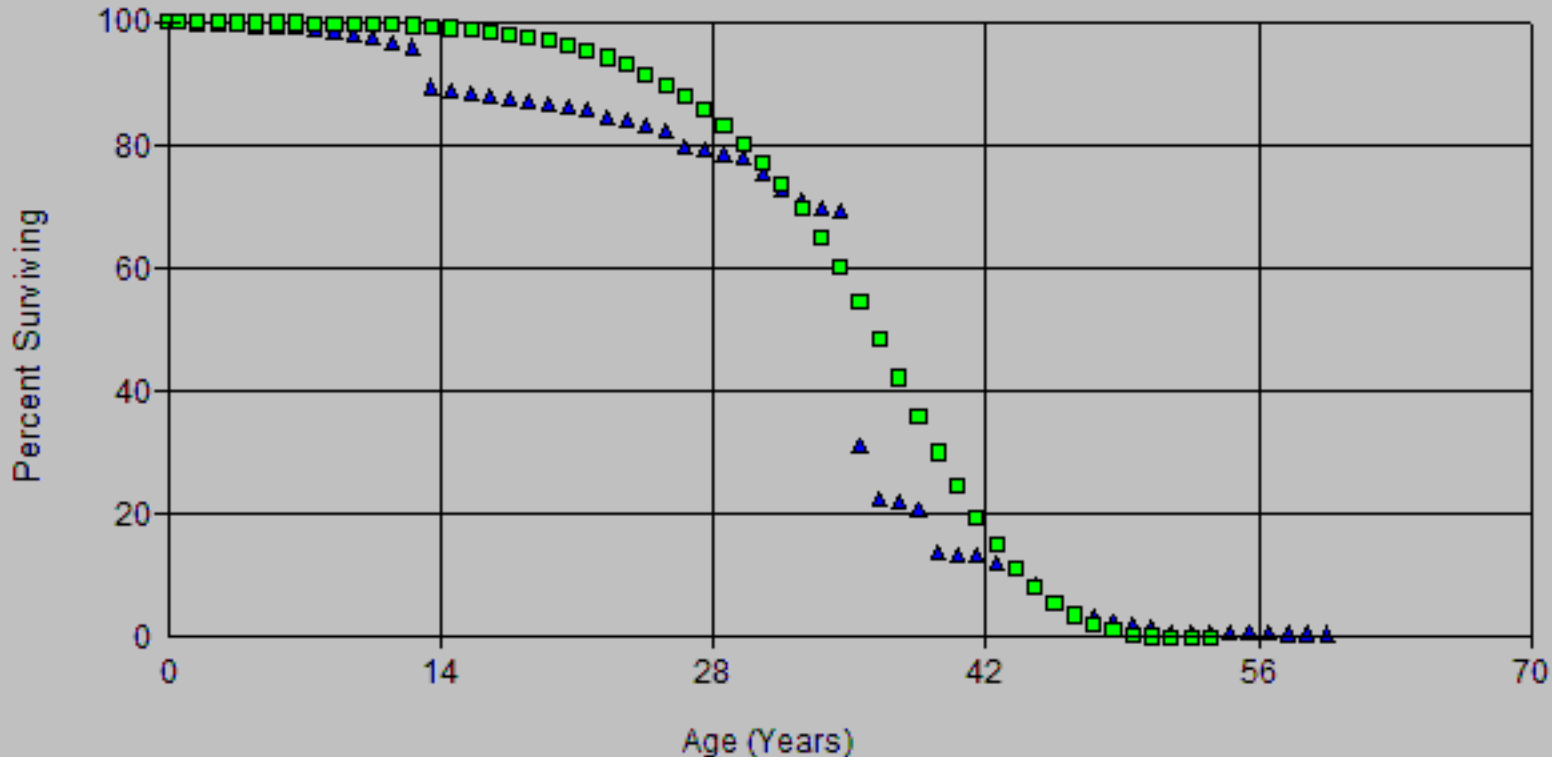


Account: E397.10-Commun. Equip.-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CIRC-APP
 Depreciation

▲ Actual Data

■ R4 35.00

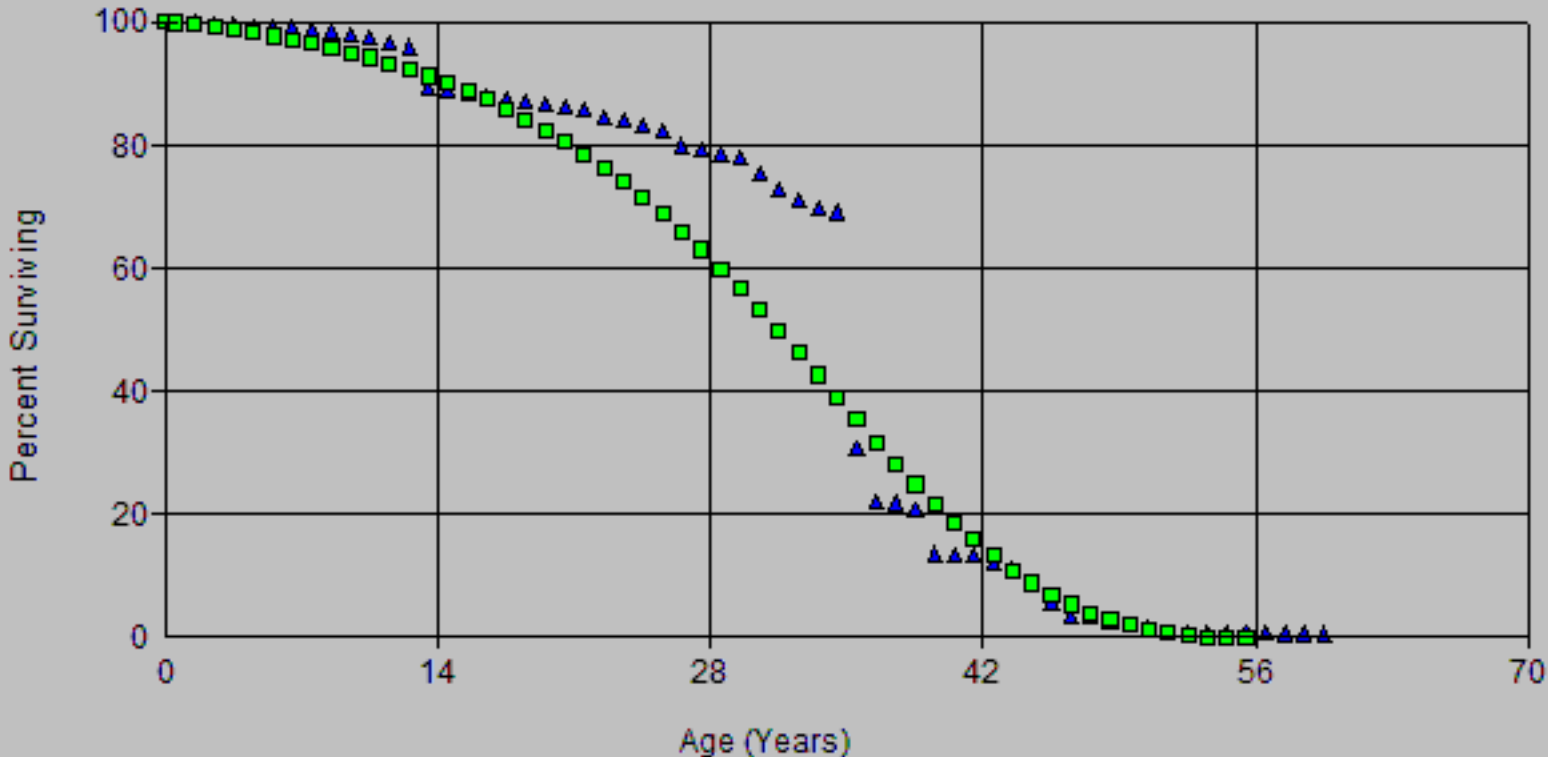


Account: E397.10-Commun. Equip.-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CIRC IAP
 Depreciation

▲ Actual Data

■ R2 30.00

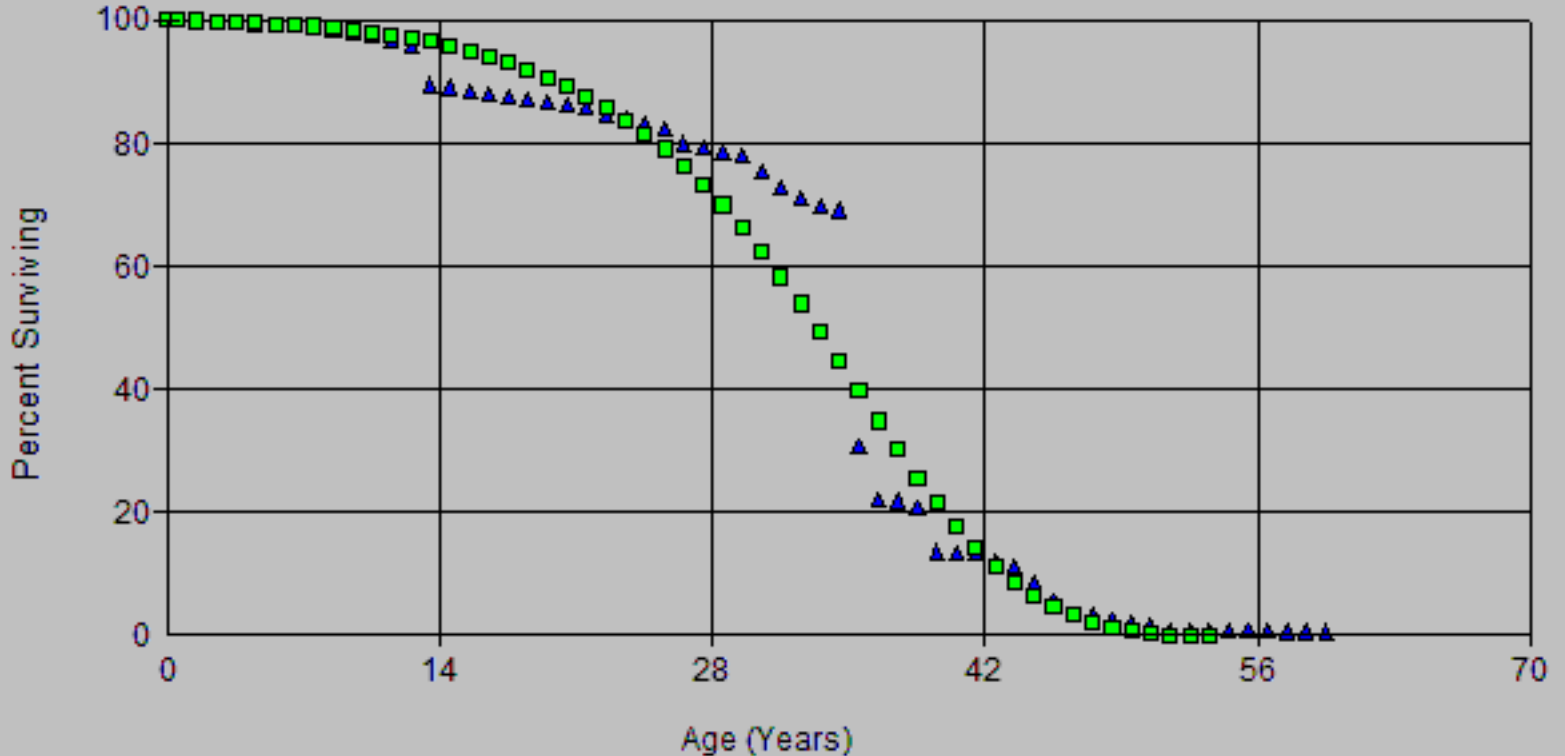


Account: E397.10-Commun. Equip.-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CERC IAP
 Depreciation

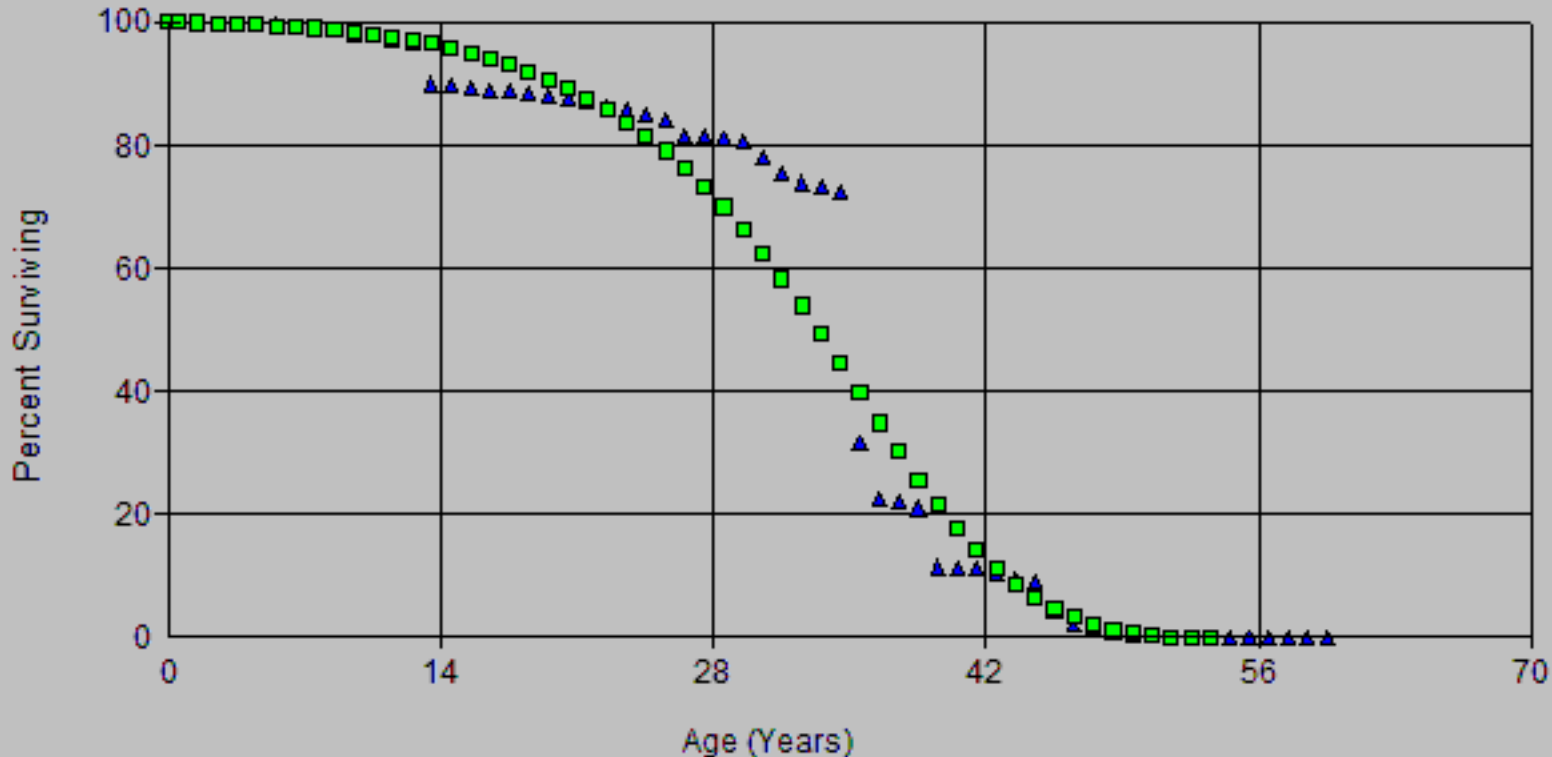
▲ Actual Data

■ R3 32.00



SDG&E
 2024 CERC IAP
 Depreciation
 Account: E397.10-Commun. Equip.-Other
 Scenario: SDGE Actuarial @ 2020

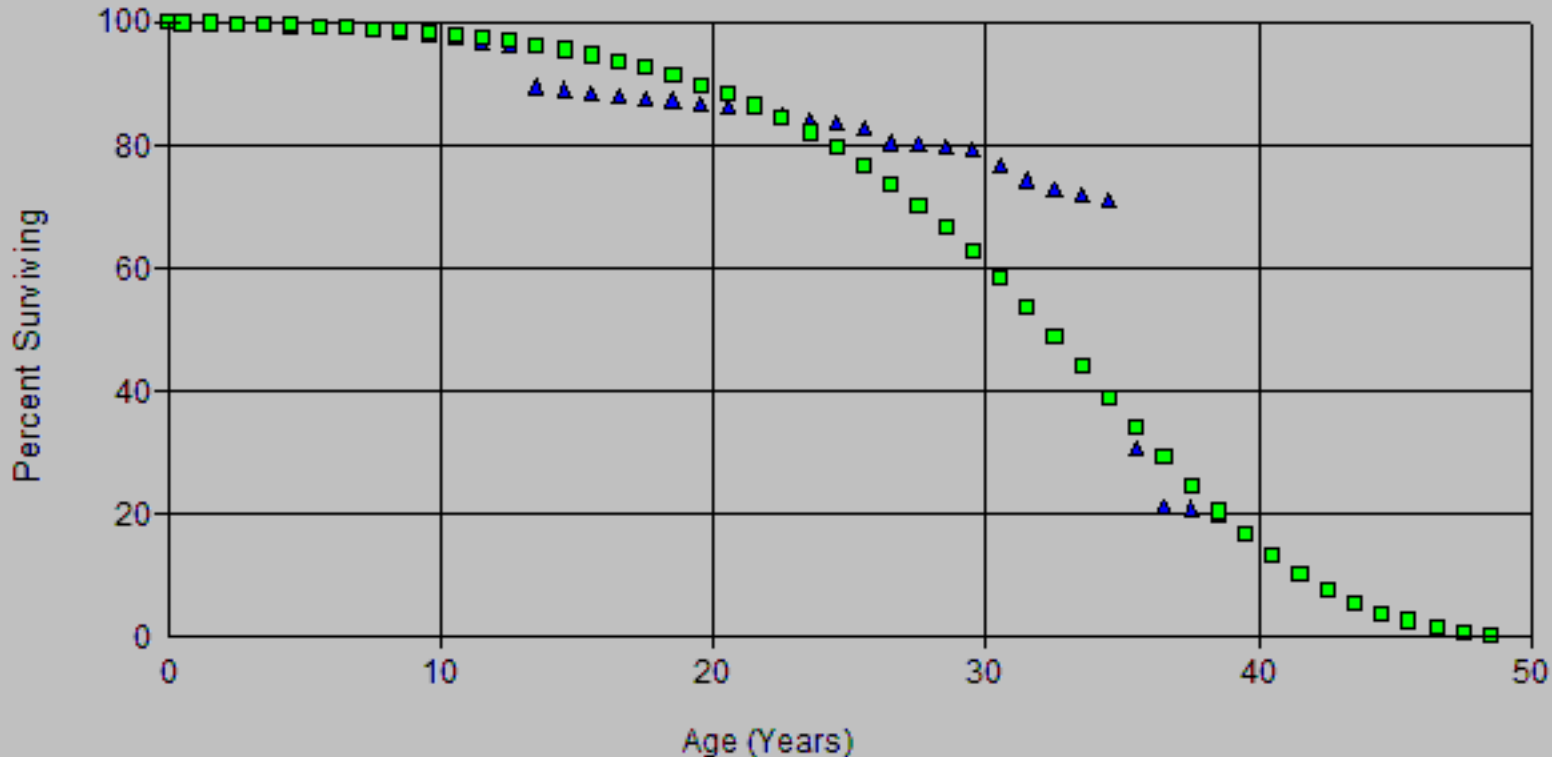
▲ Actual Data ■ R3 32.00



Account: E397.10-Commun. Equip.-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CIRC-APP
 Depreciation

▲ Actual Data ■ R3 31.00

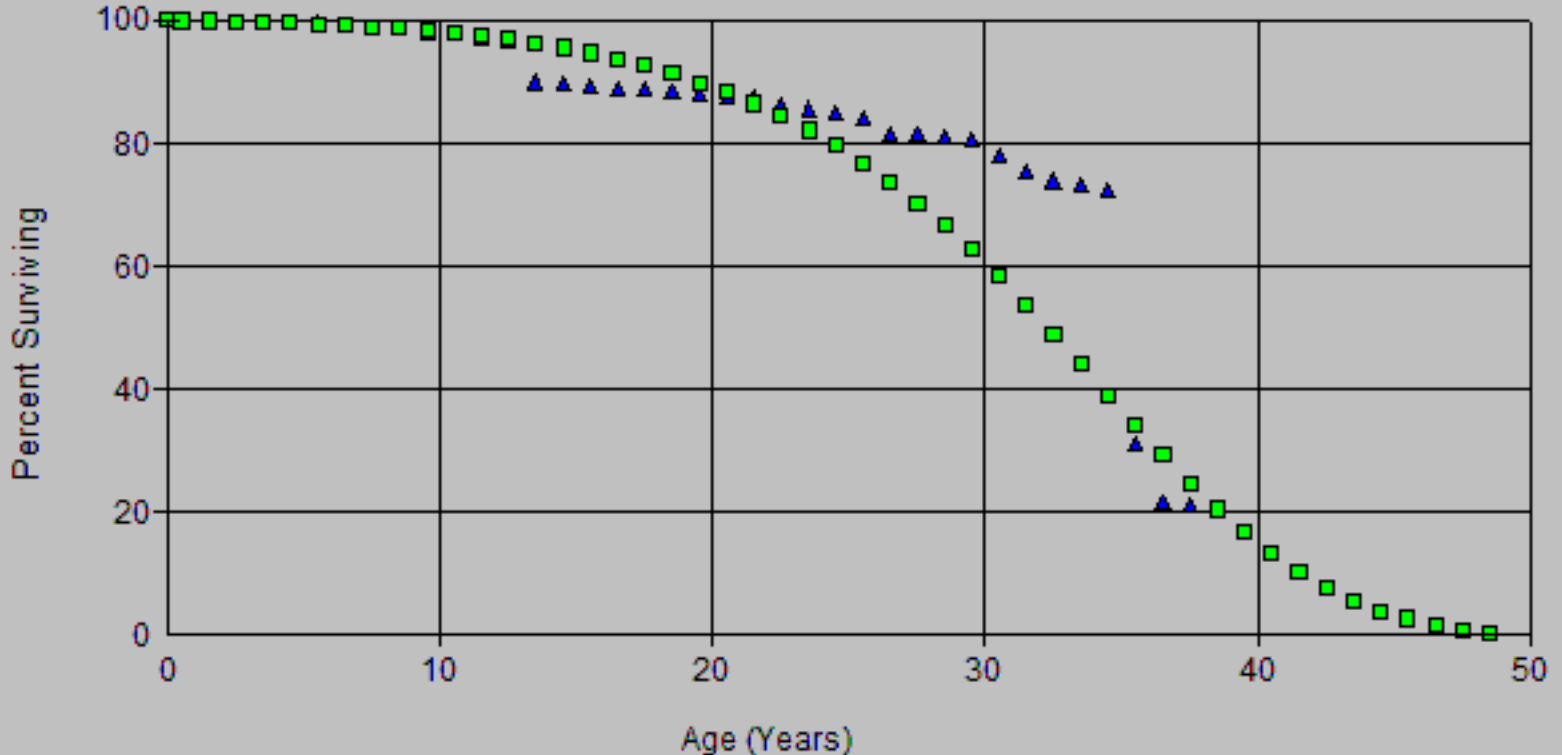


Account: E397.10-Commun. Equip.-Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
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▲ Actual Data

■ R3 31.00

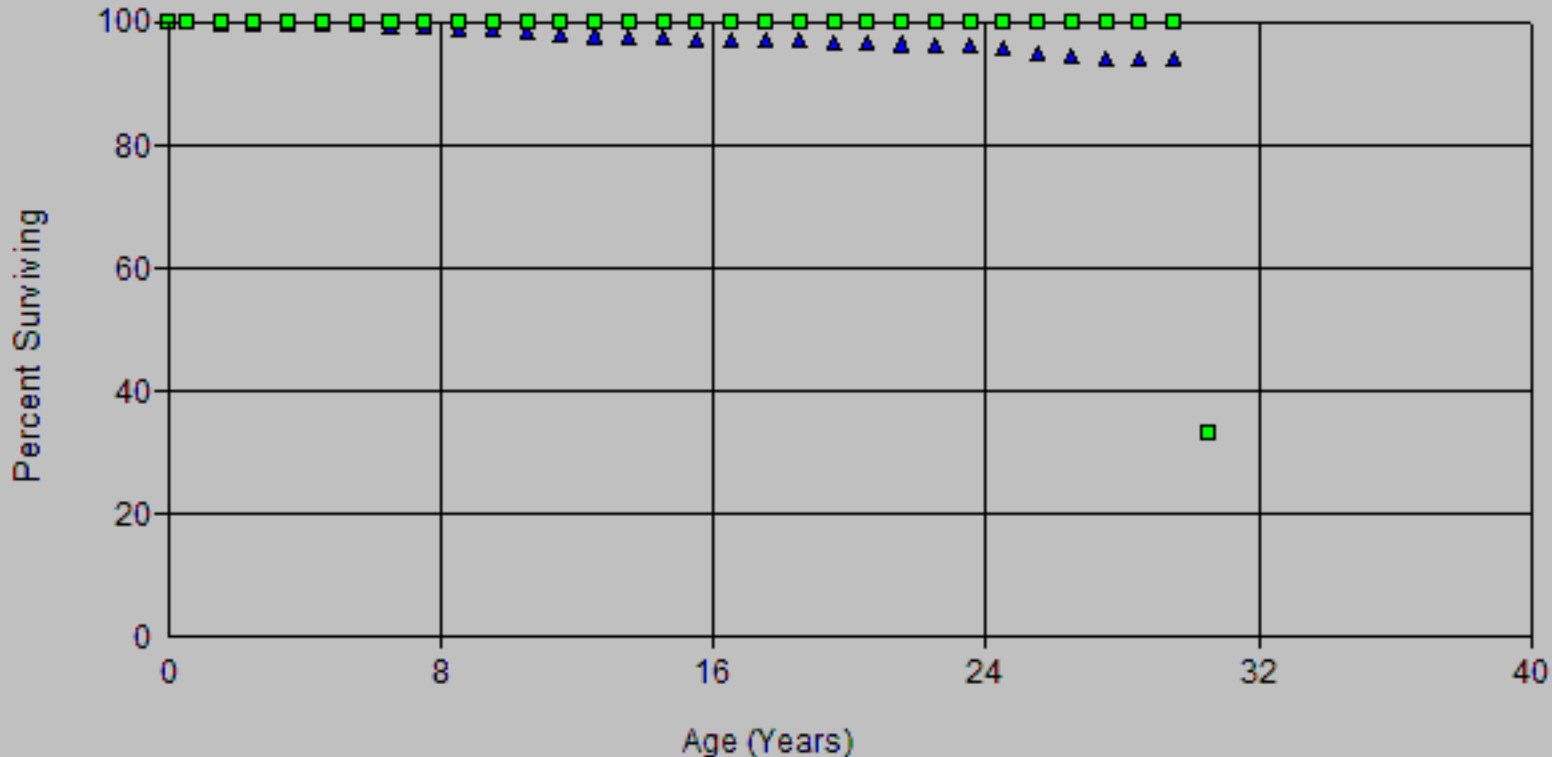


Account: E397.10-Commun. Equip.-Other
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CRF-APP
Depreciation

▲ Actual Data

■ SQ 30.00



Scenario: SDGE Actuarial @ 2020
 Account: E397.10-Commun. Equip.-Other
 Placement Band: 1924 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1948 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	378,564,602.96	1,881.11	0.00000	1.00000	100.00
0.5	341,375,184.60	231,046.82	0.00068	0.99932	100.00
1.5	324,486,774.41	233,486.39	0.00072	0.99928	99.93
2.5	292,690,020.40	373,791.84	0.00128	0.99872	99.86
3.5	277,469,846.56	651,473.75	0.00235	0.99765	99.73
4.5	252,262,339.37	264,341.84	0.00105	0.99895	99.50
5.5	240,460,557.49	453,057.05	0.00188	0.99812	99.39
6.5	204,013,961.86	722,748.61	0.00354	0.99646	99.21
7.5	170,272,329.60	504,017.88	0.00296	0.99704	98.86
8.5	156,620,957.57	1,016,444.11	0.00649	0.99351	98.56
9.5	141,840,274.34	643,055.17	0.00453	0.99547	97.92
10.5	125,909,930.68	1,158,714.83	0.00920	0.99080	97.48
11.5	117,093,112.40	566,179.74	0.00484	0.99516	96.58
12.5	107,046,845.70	7,317,733.09	0.06836	0.93164	96.12
13.5	94,280,116.96	457,987.79	0.00486	0.99514	89.55
14.5	86,662,527.73	520,203.85	0.00600	0.99400	89.11
15.5	81,592,732.12	380,240.57	0.00466	0.99534	88.58
16.5	76,457,954.21	405,519.73	0.00530	0.99470	88.16
17.5	69,046,487.20	291,443.72	0.00422	0.99578	87.70
18.5	62,518,073.97	517,708.18	0.00828	0.99172	87.33
19.5	55,265,310.37	286,422.91	0.00518	0.99482	86.60
20.5	51,431,106.38	60,348.83	0.00117	0.99883	86.15
21.5	47,952,402.62	716,193.04	0.01494	0.98506	86.05
22.5	42,468,556.89	388,198.13	0.00914	0.99086	84.77
23.5	38,167,917.01	288,589.96	0.00756	0.99244	83.99
24.5	22,012,885.53	238,632.38	0.01084	0.98916	83.36
25.5	20,527,356.74	611,809.01	0.02980	0.97020	82.45
26.5	16,535,933.84	122,453.75	0.00741	0.99259	80.00
27.5	14,015,660.30	168,062.68	0.01199	0.98801	79.40
28.5	12,823,645.61	54,919.06	0.00428	0.99572	78.45
29.5	10,954,074.98	381,498.53	0.03483	0.96517	78.11
30.5	10,076,930.16	355,880.88	0.03532	0.96468	75.39
31.5	9,548,113.80	225,190.82	0.02358	0.97642	72.73
32.5	8,785,357.52	134,866.27	0.01535	0.98465	71.02
33.5	8,014,027.99	84,091.05	0.01049	0.98951	69.93
34.5	7,856,378.59	4,329,368.56	0.55106	0.44894	69.19
35.5	3,035,981.04	852,355.18	0.28075	0.71925	31.06
36.5	2,146,401.16	37,445.76	0.01745	0.98255	22.34
37.5	1,545,511.72	72,858.84	0.04714	0.95286	21.95
38.5	238,555.99	82,428.27	0.34553	0.65447	20.92
39.5	156,127.72	2,721.10	0.01743	0.98257	13.69
40.5	153,406.62	2,043.99	0.01332	0.98668	13.45
41.5	151,362.63	11,653.70	0.07699	0.92301	13.27
42.5	139,708.93	11,076.91	0.07929	0.92071	12.25
43.5	142,147.02	31,648.79	0.22265	0.77735	11.28
44.5	115,560.23	42,755.71	0.36999	0.63001	8.77
45.5	72,804.52	25,671.95	0.35261	0.64739	5.52
46.5	47,132.57	3,023.22	0.06414	0.93586	3.58
47.5	44,109.35	8,567.74	0.19424	0.80576	3.35
48.5	35,541.61	6,652.98	0.18719	0.81281	2.70
49.5	28,980.63	7,557.76	0.26079	0.73921	2.19
50.5	21,422.87	7,872.87	0.36750	0.63250	1.62
51.5	13,613.00	3,384.00	0.24859	0.75141	1.03
52.5	10,229.00	0.00	0.00000	1.00000	0.77

Scenario: SDGE Actuarial @ 2020

Account: E397.10-Commun. Equip.-Other

Placement Band: 1924 - 2020

Observation Band: 1948 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	10,229.00	0.00	0.00000	1.00000	0.77
54.5	10,229.00	0.00	0.00000	1.00000	0.77
55.5	10,229.00	92.00	0.00899	0.99101	0.77
56.5	10,137.00	2,576.00	0.25412	0.74588	0.76
57.5	7,561.00	62.00	0.00820	0.99180	0.57
58.5	7,499.00	0.00	0.00000	1.00000	0.56
59.5	7,499.00	7,499.00	1.00000	0.00000	0.56
60.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: E397.10-Commun. Equip.-Other
 Placement Band: 1924 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	377,891,799.97	1,838.11	0.00000	1.00000	100.00
0.5	340,815,509.88	230,484.82	0.00068	0.99932	100.00
1.5	323,980,798.79	231,638.39	0.00071	0.99929	99.93
2.5	292,206,579.77	373,046.84	0.00128	0.99872	99.86
3.5	276,978,491.63	642,340.75	0.00232	0.99768	99.73
4.5	251,862,718.35	255,568.84	0.00101	0.99899	99.50
5.5	240,081,643.26	449,049.05	0.00187	0.99813	99.40
6.5	203,696,765.34	718,598.61	0.00353	0.99647	99.22
7.5	170,006,771.03	503,004.88	0.00296	0.99704	98.87
8.5	156,311,483.22	1,011,891.11	0.00647	0.99353	98.57
9.5	141,556,007.73	643,017.17	0.00454	0.99546	97.94
10.5	125,744,413.05	1,152,431.83	0.00916	0.99084	97.49
11.5	116,942,708.53	564,602.74	0.00483	0.99517	96.60
12.5	106,931,269.70	7,309,168.09	0.06835	0.93165	96.13
13.5	94,173,105.96	457,987.79	0.00486	0.99514	89.56
14.5	86,555,590.73	517,448.85	0.00598	0.99402	89.13
15.5	81,488,550.12	371,245.57	0.00456	0.99544	88.59
16.5	76,362,767.21	405,340.73	0.00531	0.99469	88.19
17.5	68,956,612.20	291,016.72	0.00422	0.99578	87.72
18.5	62,448,754.97	517,672.18	0.00829	0.99171	87.35
19.5	55,205,667.37	286,036.91	0.00518	0.99482	86.63
20.5	51,393,436.38	60,348.83	0.00117	0.99883	86.18
21.5	47,952,402.62	716,193.04	0.01494	0.98506	86.08
22.5	42,468,556.89	388,198.13	0.00914	0.99086	84.79
23.5	38,132,635.01	287,839.96	0.00755	0.99245	84.02
24.5	21,978,353.53	238,632.38	0.01086	0.98914	83.38
25.5	20,492,824.74	611,809.01	0.02985	0.97015	82.48
26.5	16,501,401.84	122,453.75	0.00742	0.99258	80.01
27.5	13,981,128.30	168,062.68	0.01202	0.98798	79.42
28.5	12,789,113.61	54,791.06	0.00428	0.99572	78.46
29.5	10,919,670.98	381,344.53	0.03492	0.96508	78.13
30.5	10,042,680.16	355,880.88	0.03544	0.96456	75.40
31.5	9,513,863.80	225,190.82	0.02367	0.97633	72.73
32.5	8,751,107.52	134,866.27	0.01541	0.98459	71.01
33.5	7,979,777.99	84,091.05	0.01054	0.98946	69.91
34.5	7,822,128.59	4,329,368.56	0.55348	0.44652	69.18
35.5	3,001,731.04	836,562.18	0.27869	0.72131	30.89
36.5	2,146,401.16	37,445.76	0.01745	0.98255	22.28
37.5	1,545,511.72	72,858.84	0.04714	0.95286	21.89
38.5	238,555.99	82,428.27	0.34553	0.65447	20.86
39.5	156,127.72	2,721.10	0.01743	0.98257	13.65
40.5	153,406.62	2,043.99	0.01332	0.98668	13.41
41.5	151,362.63	11,653.70	0.07699	0.92301	13.24
42.5	139,708.93	11,076.91	0.07929	0.92071	12.22
43.5	142,147.02	31,648.79	0.22265	0.77735	11.25
44.5	115,560.23	42,755.71	0.36999	0.63001	8.74
45.5	72,804.52	25,671.95	0.35261	0.64739	5.51
46.5	47,132.57	3,023.22	0.06414	0.93586	3.57
47.5	44,109.35	8,567.74	0.19424	0.80576	3.34
48.5	35,541.61	6,652.98	0.18719	0.81281	2.69
49.5	28,980.63	7,557.76	0.26079	0.73921	2.19
50.5	21,422.87	7,872.87	0.36750	0.63250	1.62
51.5	13,613.00	3,384.00	0.24859	0.75141	1.02
52.5	10,229.00	0.00	0.00000	1.00000	0.77

Scenario: SDGE Actuarial @ 2020

Account: E397.10-Commun. Equip.-Other

Placement Band: 1924 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	10,229.00	0.00	0.00000	1.00000	0.77
54.5	10,229.00	0.00	0.00000	1.00000	0.77
55.5	10,229.00	92.00	0.00899	0.99101	0.77
56.5	10,137.00	2,576.00	0.25412	0.74588	0.76
57.5	7,561.00	62.00	0.00820	0.99180	0.57
58.5	7,499.00	0.00	0.00000	1.00000	0.56
59.5	7,499.00	7,499.00	1.00000	0.00000	0.56
60.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: E397.10-Commun. Equip.-Other
 Placement Band: 1924 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	353,544,862.02	249.11	0.00000	1.00000	100.00
0.5	317,114,079.92	217,601.82	0.00069	0.99931	100.00
1.5	301,399,988.04	183,444.39	0.00061	0.99939	99.93
2.5	270,486,062.55	206,856.84	0.00076	0.99924	99.87
3.5	256,875,608.64	350,665.75	0.00137	0.99863	99.79
4.5	232,116,921.62	197,979.84	0.00085	0.99915	99.66
5.5	221,284,159.13	406,833.05	0.00184	0.99816	99.57
6.5	184,978,875.42	626,460.61	0.00339	0.99661	99.39
7.5	164,500,923.09	381,557.88	0.00232	0.99768	99.05
8.5	153,796,933.37	922,730.11	0.00600	0.99400	98.82
9.5	139,150,293.62	557,979.17	0.00401	0.99599	98.23
10.5	123,708,575.70	964,179.83	0.00779	0.99221	97.84
11.5	115,109,783.41	441,319.74	0.00383	0.99617	97.07
12.5	105,173,666.46	7,272,899.09	0.06915	0.93085	96.70
13.5	92,450,198.27	290,181.79	0.00314	0.99686	90.01
14.5	84,980,455.24	309,833.85	0.00365	0.99635	89.73
15.5	80,182,945.62	280,953.57	0.00350	0.99650	89.40
16.5	75,085,538.05	284,428.73	0.00379	0.99621	89.09
17.5	67,821,163.56	229,331.72	0.00338	0.99662	88.75
18.5	61,384,944.89	421,961.18	0.00687	0.99313	88.45
19.5	54,247,509.27	241,708.91	0.00446	0.99554	87.84
20.5	50,440,873.71	49,872.83	0.00099	0.99901	87.45
21.5	47,020,567.31	603,098.04	0.01283	0.98717	87.37
22.5	41,616,452.85	304,808.13	0.00732	0.99268	86.24
23.5	37,415,382.97	266,698.96	0.00713	0.99287	85.61
24.5	21,298,425.41	177,669.38	0.00834	0.99166	85.00
25.5	19,887,710.52	601,341.01	0.03024	0.96976	84.29
26.5	15,921,321.26	64,766.75	0.00407	0.99593	81.75
27.5	13,482,446.41	73,798.68	0.00547	0.99453	81.41
28.5	12,419,753.17	21,038.06	0.00169	0.99831	80.97
29.5	10,587,133.99	346,362.53	0.03272	0.96728	80.83
30.5	9,800,812.44	324,944.88	0.03315	0.96685	78.19
31.5	9,303,099.18	200,124.82	0.02151	0.97849	75.59
32.5	8,545,990.89	93,155.27	0.01090	0.98910	73.97
33.5	7,794,184.06	76,034.05	0.00976	0.99024	73.16
34.5	7,656,288.57	4,318,952.56	0.56411	0.43589	72.45
35.5	2,846,428.81	833,073.18	0.29267	0.70733	31.58
36.5	2,018,886.64	37,416.76	0.01853	0.98147	22.34
37.5	1,427,281.15	59,417.84	0.04163	0.95837	21.92
38.5	136,724.64	62,222.27	0.45509	0.54491	21.01
39.5	82,168.11	167.10	0.00203	0.99797	11.45
40.5	109,741.99	1,337.99	0.01219	0.98781	11.43
41.5	109,875.76	7,219.70	0.06571	0.93429	11.29
42.5	103,155.93	11,076.91	0.10738	0.89262	10.55
43.5	92,079.02	5,169.79	0.05615	0.94385	9.41
44.5	86,909.23	42,755.71	0.49196	0.50804	8.88
45.5	44,153.52	25,575.95	0.57925	0.42075	4.51
46.5	18,577.57	3,023.22	0.16273	0.83727	1.90
47.5	15,554.35	7,614.74	0.48956	0.51044	1.59
48.5	10,515.61	5,967.98	0.56754	0.43246	0.81
49.5	4,639.63	1,471.76	0.31721	0.68279	0.35
50.5	10,021.87	3,970.87	0.39622	0.60378	0.24
51.5	13,613.00	3,384.00	0.24859	0.75141	0.15
52.5	10,229.00	0.00	0.00000	1.00000	0.11

Scenario: SDGE Actuarial @ 2020

Account: E397.10-Commun. Equip.-Other

Placement Band: 1924 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	10,229.00	0.00	0.00000	1.00000	0.11
54.5	10,229.00	0.00	0.00000	1.00000	0.11
55.5	10,229.00	92.00	0.00899	0.99101	0.11
56.5	10,137.00	2,576.00	0.25412	0.74588	0.11
57.5	7,561.00	62.00	0.00820	0.99180	0.08
58.5	7,499.00	0.00	0.00000	1.00000	0.08
59.5	7,499.00	7,499.00	1.00000	0.00000	0.08
60.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: E397.10-Commun. Equip.-Other
 Placement Band: 1961 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	377,891,799.97	1,838.11	0.00000	1.00000	100.00
0.5	340,700,662.61	230,484.82	0.00068	0.99932	100.00
1.5	323,812,740.42	230,535.39	0.00071	0.99929	99.93
2.5	292,018,830.41	372,907.84	0.00128	0.99872	99.86
3.5	276,785,443.57	642,340.75	0.00232	0.99768	99.73
4.5	251,581,155.38	252,298.84	0.00100	0.99900	99.50
5.5	239,766,397.50	438,823.05	0.00183	0.99817	99.40
6.5	203,315,069.87	693,875.61	0.00341	0.99659	99.22
7.5	169,580,308.61	493,950.88	0.00291	0.99709	98.88
8.5	155,888,142.58	1,010,577.11	0.00648	0.99352	98.59
9.5	141,113,326.35	642,990.17	0.00456	0.99544	97.96
10.5	125,183,047.69	1,136,954.83	0.00908	0.99092	97.51
11.5	116,387,989.41	545,924.74	0.00469	0.99531	96.62
12.5	106,361,977.71	7,307,173.09	0.06870	0.93130	96.17
13.5	93,605,808.97	446,649.79	0.00477	0.99523	89.56
14.5	85,999,557.74	505,301.85	0.00588	0.99412	89.14
15.5	80,944,664.13	347,450.57	0.00429	0.99571	88.61
16.5	75,842,676.22	404,471.73	0.00533	0.99467	88.23
17.5	68,432,257.21	289,887.72	0.00424	0.99576	87.76
18.5	61,905,399.98	511,377.18	0.00826	0.99174	87.39
19.5	54,658,967.38	267,910.91	0.00490	0.99510	86.67
20.5	50,843,275.39	53,868.83	0.00106	0.99894	86.24
21.5	47,371,051.63	622,385.04	0.01314	0.98686	86.15
22.5	41,981,013.90	367,628.13	0.00876	0.99124	85.02
23.5	37,598,846.02	268,163.96	0.00713	0.99287	84.28
24.5	21,464,240.54	179,792.38	0.00838	0.99162	83.67
25.5	20,036,248.75	608,009.01	0.03035	0.96965	82.97
26.5	16,041,729.85	66,390.75	0.00414	0.99586	80.46
27.5	13,565,986.31	73,798.68	0.00544	0.99456	80.12
28.5	12,468,235.62	21,038.06	0.00169	0.99831	79.69
29.5	10,587,133.99	346,362.53	0.03272	0.96728	79.55
30.5	9,736,941.17	324,629.88	0.03334	0.96666	76.95
31.5	9,239,375.81	198,700.82	0.02151	0.97849	74.38
32.5	8,482,388.53	93,155.27	0.01098	0.98902	72.78
33.5	7,723,502.00	76,034.05	0.00984	0.99016	71.98
34.5	7,573,768.60	4,317,941.56	0.57012	0.42988	71.28
35.5	2,764,763.05	833,073.18	0.30132	0.69868	30.64
36.5	1,894,465.17	37,416.76	0.01975	0.98025	21.41
37.5	1,293,514.73	59,417.84	0.04594	0.95406	20.99
38.5	0.00	0.00	0.00000	1.00000	20.02

Scenario: SDGE Actuarial @ 2020
 Account: E397.10-Commun. Equip.-Other
 Placement Band: 1961 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	353,544,862.02	249.11	0.00000	1.00000	100.00
0.5	317,114,079.92	217,601.82	0.00069	0.99931	100.00
1.5	301,399,988.04	183,444.39	0.00061	0.99939	99.93
2.5	270,486,062.55	206,856.84	0.00076	0.99924	99.87
3.5	256,875,608.64	350,665.75	0.00137	0.99863	99.79
4.5	232,116,921.62	197,979.84	0.00085	0.99915	99.66
5.5	221,284,159.13	406,833.05	0.00184	0.99816	99.57
6.5	184,978,875.42	626,460.61	0.00339	0.99661	99.39
7.5	164,500,923.09	381,557.88	0.00232	0.99768	99.05
8.5	153,796,933.37	922,730.11	0.00600	0.99400	98.82
9.5	139,150,293.62	557,979.17	0.00401	0.99599	98.23
10.5	123,708,575.70	964,179.83	0.00779	0.99221	97.84
11.5	115,109,783.41	441,319.74	0.00383	0.99617	97.07
12.5	105,173,666.46	7,272,899.09	0.06915	0.93085	96.70
13.5	92,450,198.27	290,181.79	0.00314	0.99686	90.01
14.5	84,980,455.24	309,833.85	0.00365	0.99635	89.73
15.5	80,182,945.62	280,953.57	0.00350	0.99650	89.40
16.5	75,085,538.05	284,428.73	0.00379	0.99621	89.09
17.5	67,821,163.56	229,331.72	0.00338	0.99662	88.75
18.5	61,384,944.89	421,961.18	0.00687	0.99313	88.45
19.5	54,247,509.27	241,708.91	0.00446	0.99554	87.84
20.5	50,440,873.71	49,872.83	0.00099	0.99901	87.45
21.5	47,020,567.31	603,098.04	0.01283	0.98717	87.37
22.5	41,616,452.85	304,808.13	0.00732	0.99268	86.24
23.5	37,415,382.97	266,698.96	0.00713	0.99287	85.61
24.5	21,298,425.41	177,669.38	0.00834	0.99166	85.00
25.5	19,887,710.52	601,341.01	0.03024	0.96976	84.29
26.5	15,921,321.26	64,766.75	0.00407	0.99593	81.75
27.5	13,482,446.41	73,798.68	0.00547	0.99453	81.41
28.5	12,419,753.17	21,038.06	0.00169	0.99831	80.97
29.5	10,587,133.99	346,362.53	0.03272	0.96728	80.83
30.5	9,736,941.17	324,629.88	0.03334	0.96666	78.19
31.5	9,239,375.81	198,700.82	0.02151	0.97849	75.58
32.5	8,482,388.53	93,155.27	0.01098	0.98902	73.95
33.5	7,723,502.00	76,034.05	0.00984	0.99016	73.14
34.5	7,573,768.60	4,317,941.56	0.57012	0.42988	72.42
35.5	2,764,763.05	833,073.18	0.30132	0.69868	31.13
36.5	1,894,465.17	37,416.76	0.01975	0.98025	21.75
37.5	1,293,514.73	59,417.84	0.04594	0.95406	21.32
38.5	0.00	0.00	0.00000	1.00000	20.34

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E397.10-Commun. Equip.-Other

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	353,544,862.02	249.11	0.00000	1.00000	100.00
0.5	316,355,313.66	217,601.82	0.00069	0.99931	100.00
1.5	299,692,438.47	183,444.39	0.00061	0.99939	99.93
2.5	267,874,603.46	200,872.84	0.00075	0.99925	99.87
3.5	252,569,673.62	232,034.75	0.00092	0.99908	99.80
4.5	227,727,660.43	191,158.84	0.00084	0.99916	99.70
5.5	215,964,310.55	312,896.05	0.00145	0.99855	99.62
6.5	179,636,389.92	411,776.61	0.00229	0.99771	99.48
7.5	146,152,401.66	220,526.88	0.00151	0.99849	99.25
8.5	132,705,721.63	171,710.27	0.00129	0.99871	99.10
9.5	118,738,886.24	356,319.63	0.00300	0.99700	98.97
10.5	103,068,108.12	550,453.83	0.00534	0.99466	98.67
11.5	94,795,123.84	363,596.74	0.00384	0.99616	98.15
12.5	84,919,157.14	102,358.09	0.00121	0.99879	97.77
13.5	79,350,664.40	104,584.52	0.00132	0.99868	97.65
14.5	72,036,841.44	247,199.95	0.00343	0.99657	97.52
15.5	67,226,333.73	5,909.87	0.00009	0.99991	97.19
16.5	62,347,237.52	87,598.14	0.00141	0.99859	97.18
17.5	55,236,791.10	34,425.11	0.00062	0.99938	97.04
18.5	48,948,508.48	120,154.33	0.00245	0.99755	96.98
19.5	42,073,154.73	56,481.80	0.00134	0.99866	96.74
20.5	38,433,497.85	38,754.25	0.00101	0.99899	96.61
21.5	34,973,567.67	87,166.95	0.00249	0.99751	96.52
22.5	30,069,916.03	8,356.31	0.00028	0.99972	96.28
23.5	26,047,019.97	71,168.86	0.00273	0.99727	96.25
24.5	10,106,909.59	119,208.92	0.01179	0.98821	95.99
25.5	8,739,403.26	40,288.42	0.00461	0.99539	94.85
26.5	5,312,604.95	17,569.58	0.00331	0.99669	94.42
27.5	2,884,062.58	0.00	0.00000	1.00000	94.10
28.5	1,860,110.57	0.00	0.00000	1.00000	94.10
29.5	0.00	0.00	0.00000	0.00000	94.10

Actuarial Life Analysis

Account: E397.10-Commun. Equip.-Other
Scenario: SDGE Actuarial @ 2020
Placement Band: 1924 - 1952
Function: Survivorship Annual Rate Method
Weighting: Unweighted
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1948 -1952	18.5	69.72	0.04013237	R0.5	21.32
1949 -1953	19.5	85.70	0.01259902	L0	50.25
1950 -1954	20.5	74.93	0.01757631	L1	31.53
1951 -1955	21.5	78.85	0.00805449	L0	43.34
1952 -1956	22.5	81.13	0.00836806	R0.5	45.47
1953 -1957	23.5	79.08	0.01611412	R0.5	42.24
1954 -1958	24.5	76.25	0.03252940	L0	43.70
1955 -1959	25.5	90.01	0.00518506	R0.5	76.99
1956 -1960	26.5	40.95	0.08706898	R2	28.77
1957 -1961	27.5	35.20	0.09969867	S0	26.43
1958 -1962	28.5	19.92	0.06451744	R1.5	20.42
1959 -1963	29.5	11.75	0.19842626	L2.5	18.01
1960 -1964	30.5	20.57	0.07061139	R1.5	21.13
1961 -1965	31.5	50.09	0.10184079	L0.5	30.44
1962 -1966	32.5	35.64	0.23404106	L2.5	25.74
1963 -1967	33.5	55.19	0.08309824	L1	33.23
1964 -1968	34.5	0.00	0.18398252	L1.5	25.68
1965 -1969	35.5	0.00	0.51207265	R1	29.79
1966 -1970	36.5	0.00	0.60513703	R0.5	24.57
1967 -1971	37.5	0.00	0.71159072	R0.5	25.12
1968 -1972	38.5	0.00	0.83268073	R0.5	25.15
1969 -1973	39.5	69.65	0.31038506	R0.5	38.12
1970 -1974	40.5	53.81	0.08741101	R0.5	36.94
1971 -1975	41.5	60.35	0.03253398	R1	43.33
1972 -1976	42.5	45.60	0.03601111	L0	39.42
1973 -1977	43.5	33.82	0.14282309	S0.5	33.08
1974 -1978	44.5	5.01	0.16459177	R1.5	24.66
1975 -1979	45.5	8.95	0.17281488	R1.5	26.02
1976 -1980	46.5	1.97	0.24344926	R1.5	24.08
1977 -1981	47.5	3.01	0.24744879	R2	25.39
1978 -1982	48.5	0.86	0.05073398	S0	19.60
1979 -1983	49.5	0.01	0.05077017	L0	11.62
1980 -1984	50.5	0.02	0.03148862	L0.5	10.91
1981 -1985	51.5	0.12	0.03515539	L1	11.78
1982 -1986	52.5	0.03	0.01142611	L2	10.65
1983 -1987	53.5	0.00	0.03409632	L2.5	11.70
1984 -1988	54.5	4.69	0.24697050	L2.5	17.34
1985 -1989	55.5	5.27	0.38698244	L2	18.54
1986 -1990	56.5	1.98	0.36817437	L2.5	18.15
1987 -1991	57.5	23.61	0.11705268	R2	44.59
1988 -1992	58.5	19.12	0.21606857	R2	44.48
1989 -1993	59.5	18.23	0.23101624	R1	41.36
1990 -1994	60.5	18.44	0.41767391	R2	44.64
1991 -1995	61.5	35.06	0.33469151	R2.5	36.91

Actuarial Life Analysis

SDG&E
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Depreciation

Account: E397.10-Commun. Equip.-Other

Scenario: SDGE Actuarial @ 2020

Placement Band: 1924 - 1996

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1992 -1996	62.5	3.20	1.03301349	L0	21.99
1993 -1997	63.5	11.51	1.27504608	L0	23.58
1994 -1998	64.5	19.09	1.36900793	L0	29.36
1995 -1999	65.5	0.00	0.07117079	L3	14.44
1996 -2000	66.5	0.00	0.10387151	L3	14.44
1997 -2001	67.5	0.00	0.13898943	S6	19.86
1998 -2002	68.5	0.00	0.09680063	S6	21.26
1999 -2003	69.5	0.00	0.40149776	R5	20.65
2000 -2004	70.5	88.67	0.09609144	R0.5	155.99
2001 -2005	71.5	83.60	0.18413504	R0.5	114.94
2002 -2006	72.5	84.40	0.18313543	R0.5	120.97
2003 -2007	73.5	84.61	0.16575353	R0.5	125.38
2004 -2008	74.5	83.31	0.18660855	R0.5	118.19
2005 -2009	75.5	80.78	0.20564112	R0.5	109.21
2006 -2010	76.5	79.75	0.21845134	R0.5	107.33
2007 -2011	77.5	67.53	0.70754310	R0.5	73.74
2008 -2012	78.5	69.25	0.64505121	R0.5	77.95
2009 -2013	79.5	74.92	0.39738632	R0.5	95.58
2010 -2014	80.5	79.46	0.22609994	R0.5	115.85
2011 -2015	81.5	84.35	0.14613336	R0.5	147.06
2012 -2016	82.5	94.11	0.01616086	R1	278.93
2013 -2017	83.5	94.96	0.01273348	R1.5	255.80
2014 -2018	84.5	19.87	1.91569448	L2	44.16
2015 -2019	85.5	21.09	1.90861083	L2	44.78
2016 -2020	86.5	21.71	1.91201310	L2	45.14

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E397.10-Commun. Equip.-Other

Scenario: SDGE Actuarial @ 2020

Placement Band: 1924 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

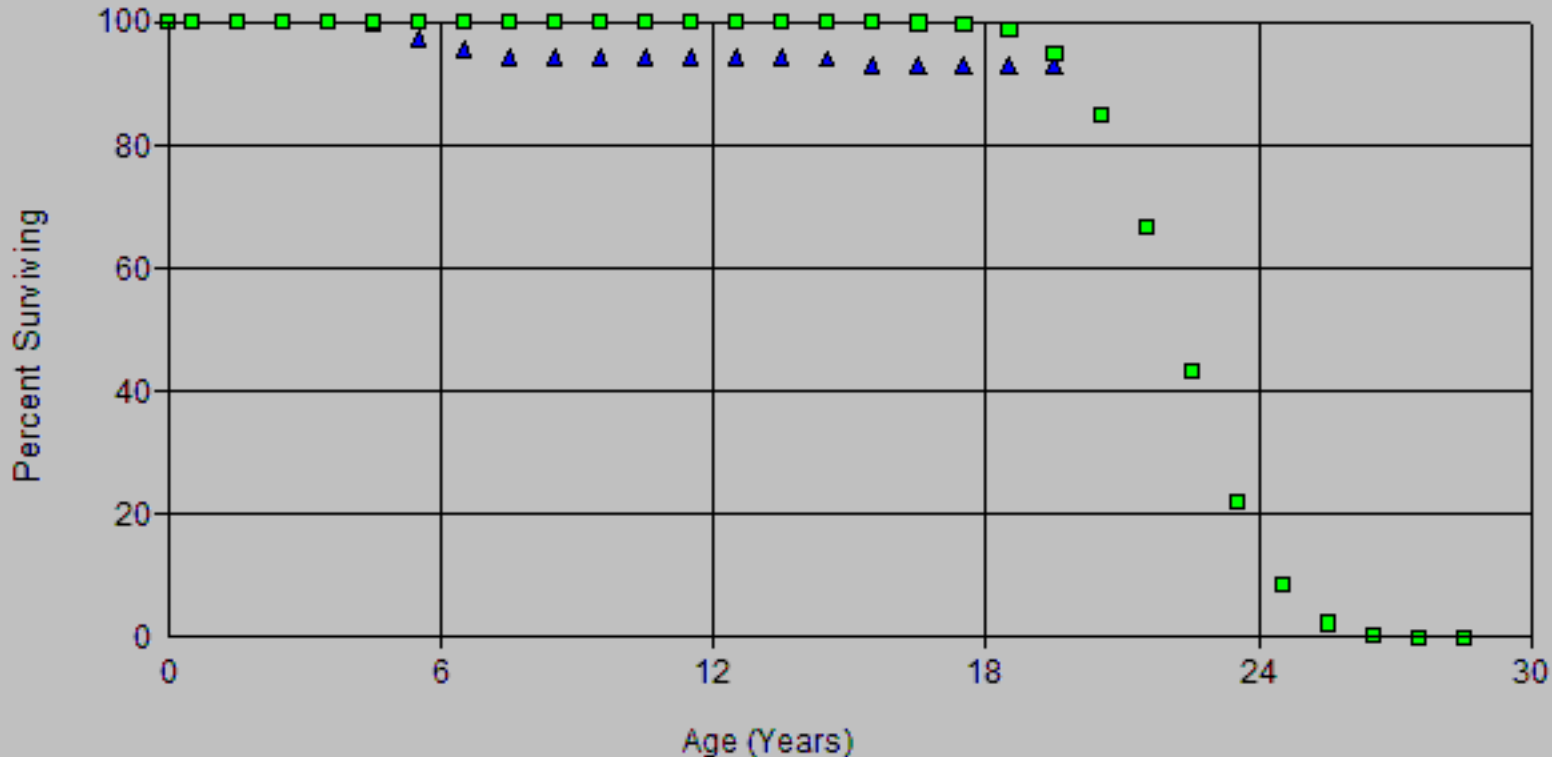
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1948 -2020	96.5	0.00	0.25219829	R3	32.81
1953 -2020	96.5	0.00	0.25201669	R3	32.81
1958 -2020	96.5	0.00	0.25187121	R3	32.81
1963 -2020	96.5	0.00	0.25339699	R3	32.81
1968 -2020	96.5	0.00	0.25691302	R3	32.76
1973 -2020	96.5	0.00	0.25650279	R3	32.81
1978 -2020	96.5	0.00	0.26040027	R3	32.80
1983 -2020	96.5	0.00	0.26822630	R4	32.94
1988 -2020	96.5	0.00	0.26809292	R4	33.18
1993 -2020	96.5	0.00	0.27374799	R4	32.95
1998 -2020	96.5	0.00	0.21884447	R5	33.99
2003 -2020	96.5	24.16	2.37309952	L0.5	49.31
2008 -2020	96.5	24.46	2.44349189	L0.5	49.84
2013 -2020	96.5	25.59	2.63391083	L1	50.76
2018 -2020	96.5	8.27	1.39842321	L4	38.20

Account: E397.20-Commun. Equip.-SWPL
Scenario: SDGE Actuarial @ 2020

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Depreciation

▲ Actual Data

■ S6 22.00

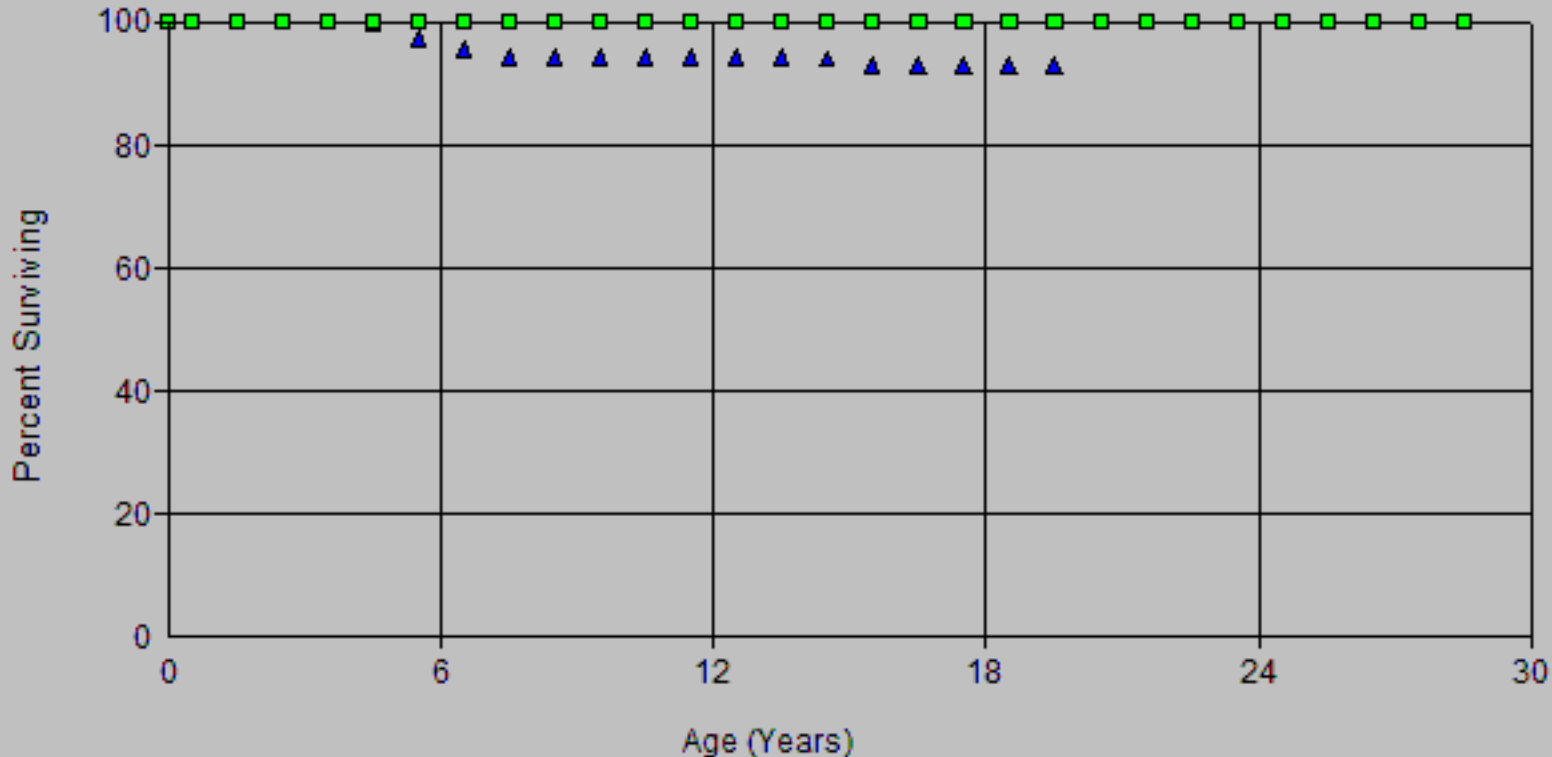


Account: E397.20-Commun. Equip.-SWPL
Scenario: SDGE Actuarial @ 2020

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Depreciation

▲ Actual Data

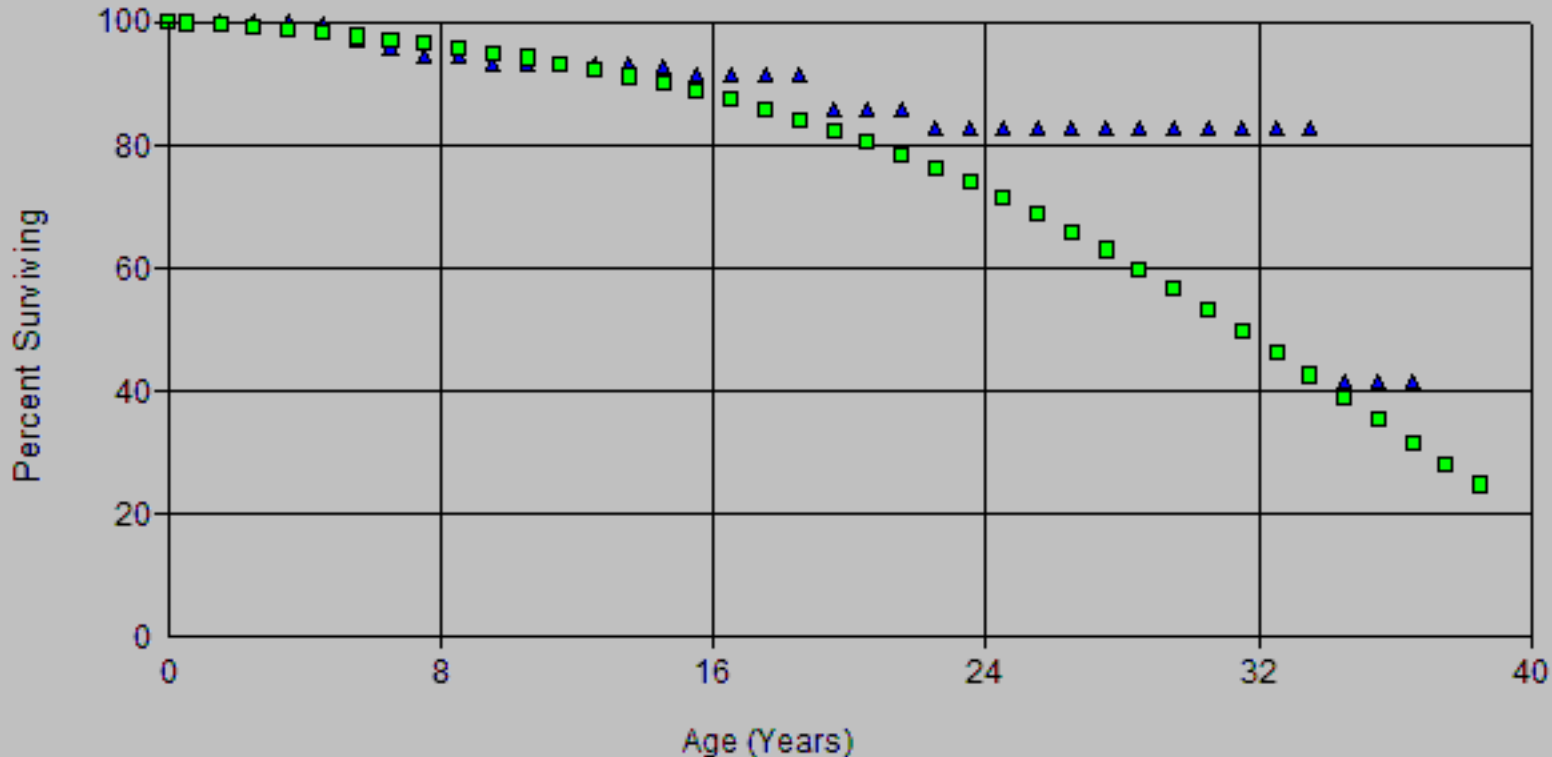
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Account: E397.20-Common Equip.-SWPL
 Scenario: SDGE Actuarial @ 2020

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 2024 GRC APP
 Depreciation

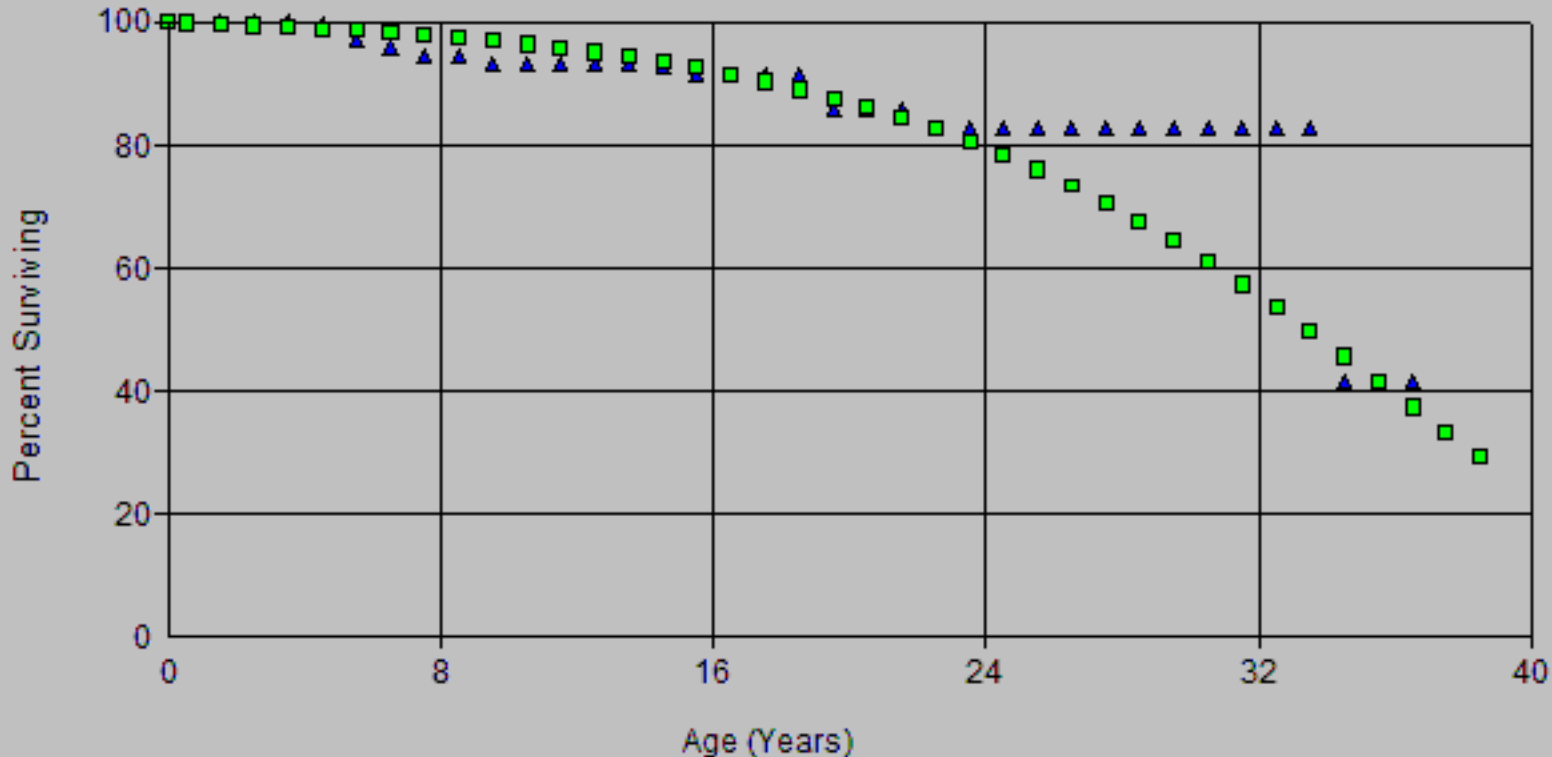
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Account: E397.20-Commun. Equip.-SWPL
 Scenario: SDGE Actuarial @ 2020

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▲ Actual Data ■ R2.5 32.00



Scenario: SDGE Actuarial @ 2020

Account: E397.20-Commun. Equip.-SWPL

Placement Band: 2001 - 2020

Observation Band: 2003 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	5,036,935.00	0.00	0.00000	1.00000	100.00
0.5	5,449,774.92	0.00	0.00000	1.00000	100.00
1.5	6,552,719.82	0.00	0.00000	1.00000	100.00
2.5	4,238,377.05	0.00	0.00000	1.00000	100.00
3.5	3,371,429.79	2,866.93	0.00085	0.99915	100.00
4.5	3,394,018.56	85,016.14	0.02505	0.97495	99.92
5.5	3,189,029.68	57,291.79	0.01797	0.98203	97.41
6.5	2,990,417.19	39,842.90	0.01332	0.98668	95.66
7.5	2,443,972.42	0.00	0.00000	1.00000	94.39
8.5	2,443,775.83	0.00	0.00000	1.00000	94.39
9.5	2,298,806.14	0.00	0.00000	1.00000	94.39
10.5	2,208,483.52	0.00	0.00000	1.00000	94.39
11.5	1,960,270.45	0.00	0.00000	1.00000	94.39
12.5	1,955,605.03	0.00	0.00000	1.00000	94.39
13.5	1,950,000.93	5,566.63	0.00285	0.99715	94.39
14.5	1,658,178.95	17,984.84	0.01085	0.98915	94.12
15.5	1,563,954.94	0.00	0.00000	1.00000	93.10
16.5	908,727.94	0.00	0.00000	1.00000	93.10
17.5	658,671.73	0.00	0.00000	1.00000	93.10
18.5	458,548.01	0.00	0.00000	1.00000	93.10
19.5	0.00	0.00	0.00000	0.00000	93.10

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E397.20-Commun. Equip.-SWPL

Placement Band: 1984 - 2020

Observation Band: 2003 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	5,036,935.00	0.00	0.00000	1.00000	100.00
0.5	5,449,774.92	0.00	0.00000	1.00000	100.00
1.5	6,552,719.82	0.00	0.00000	1.00000	100.00
2.5	4,238,377.05	0.00	0.00000	1.00000	100.00
3.5	3,371,429.79	2,866.93	0.00085	0.99915	100.00
4.5	3,394,018.56	85,016.14	0.02505	0.97495	99.92
5.5	3,301,015.58	57,291.79	0.01736	0.98264	97.41
6.5	3,102,403.09	39,842.90	0.01284	0.98716	95.72
7.5	2,555,958.32	0.00	0.00000	1.00000	94.49
8.5	2,555,761.73	34,904.47	0.01366	0.98634	94.49
9.5	2,378,283.70	0.00	0.00000	1.00000	93.20
10.5	2,287,961.08	0.00	0.00000	1.00000	93.20
11.5	2,095,899.35	0.00	0.00000	1.00000	93.20
12.5	2,143,247.35	0.00	0.00000	1.00000	93.20
13.5	2,137,643.25	5,566.63	0.00260	0.99740	93.20
14.5	1,852,682.86	27,758.76	0.01498	0.98502	92.96
15.5	1,748,684.93	0.00	0.00000	1.00000	91.57
16.5	1,097,046.26	0.00	0.00000	1.00000	91.57
17.5	880,987.07	0.00	0.00000	1.00000	91.57
18.5	4,498,364.92	276,154.72	0.06139	0.93861	91.57
19.5	3,763,662.19	0.00	0.00000	1.00000	85.95
20.5	3,763,662.19	0.00	0.00000	1.00000	85.95
21.5	3,686,580.76	128,179.17	0.03477	0.96523	85.95
22.5	3,558,401.59	0.00	0.00000	1.00000	82.96
23.5	3,558,401.59	2,428.85	0.00068	0.99932	82.96
24.5	3,555,972.74	0.00	0.00000	1.00000	82.90
25.5	3,555,972.74	0.00	0.00000	1.00000	82.90
26.5	3,555,972.74	0.00	0.00000	1.00000	82.90
27.5	3,553,576.61	0.00	0.00000	1.00000	82.90
28.5	3,553,576.61	0.00	0.00000	1.00000	82.90
29.5	3,497,425.27	752.05	0.00022	0.99978	82.90
30.5	3,454,433.72	0.00	0.00000	1.00000	82.88
31.5	3,454,433.72	0.00	0.00000	1.00000	82.88
32.5	3,448,324.18	0.00	0.00000	1.00000	82.88
33.5	3,448,324.18	1,719,928.07	0.49877	0.50123	82.88
34.5	1,724,807.78	0.00	0.00000	1.00000	41.54
35.5	1,690,810.76	0.00	0.00000	1.00000	41.54
36.5	0.00	0.00	0.00000	0.00000	41.54

Actuarial Life Analysis

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Account: E397.20-Commun. Equip.-SWPL

Scenario: SDGE Actuarial @ 2020

Placement Band: 1984 - 2007

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2003 -2007	22.5	81.91	0.00790148	S2	30.57
2004 -2008	23.5	60.46	0.14739725	L0	26.99
2005 -2009	24.5	51.87	0.19146949	L0	21.25
2006 -2010	25.5	80.12	0.03976174	R0.5	41.22
2007 -2011	26.5	85.27	0.04648582	R0.5	49.31
2008 -2012	27.5	85.28	0.05613780	R0.5	50.03
2009 -2013	28.5	85.79	0.07443762	R0.5	51.27
2010 -2014		1.00			
2011 -2015		1.00			
2012 -2016		1.00			
2013 -2017		1.00			
2014 -2018	33.5	48.50	0.08631855	S6	34.46
2015 -2019	34.5	48.50	0.07727393	S6	34.42
2016 -2020	35.5	48.69	0.09404211	S6	34.53

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: E397.20-Commun. Equip.-SWPL

Scenario: SDGE Actuarial @ 2020

Placement Band: 1984 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

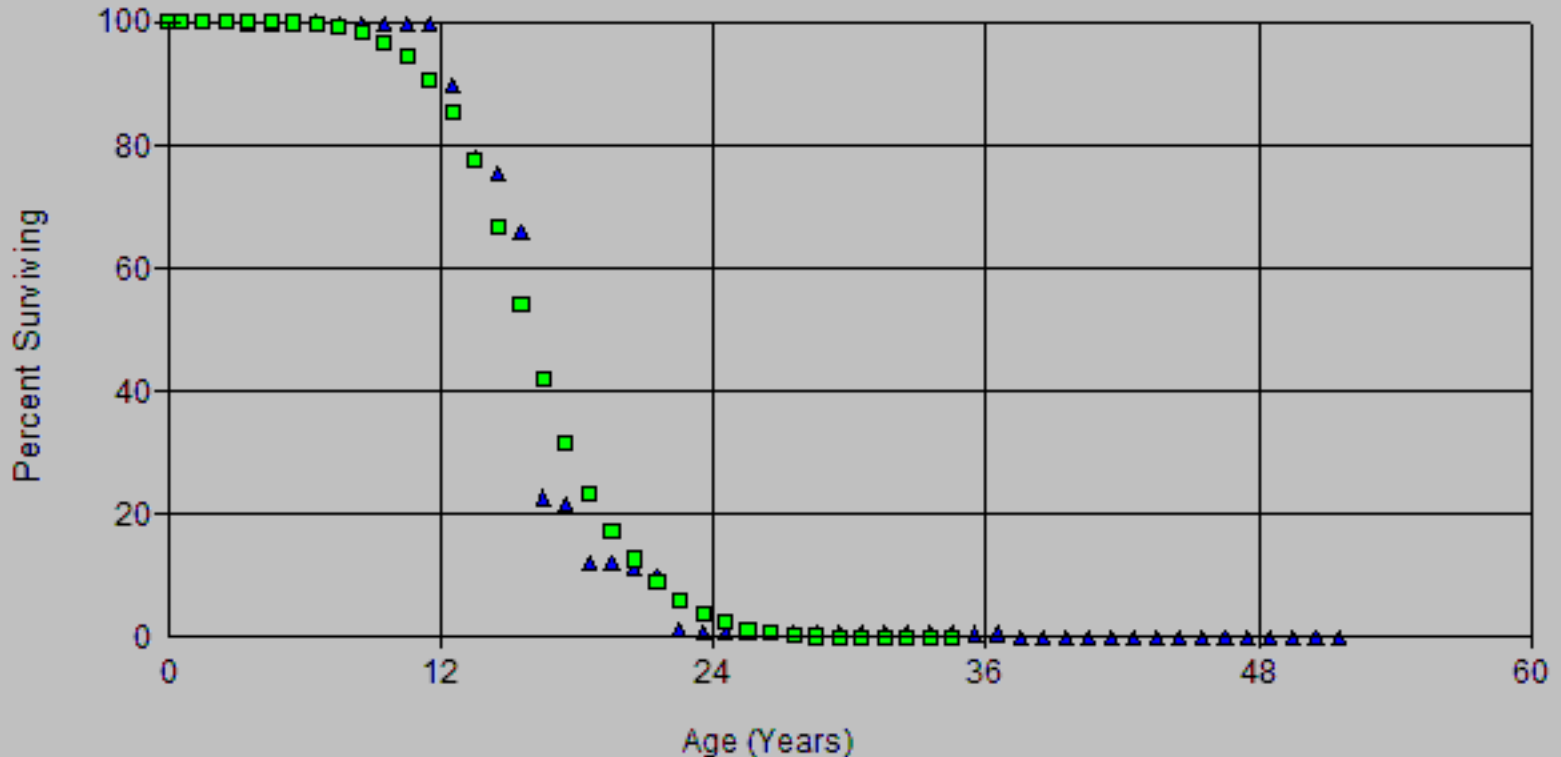
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2003 -2020	36.5	41.54	0.20424709	R2.5	36.18
2008 -2020	36.5	45.55	0.29770973	R3	37.26
2013 -2020	36.5	49.46	0.09760486	S6	35.72
2018 -2020	36.5	48.20	0.18417327	L5	34.63

Account: E398.10-Misc Equip. - Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG CAPX
 Depreciation

▲ Actual Data ■ L4 16.00

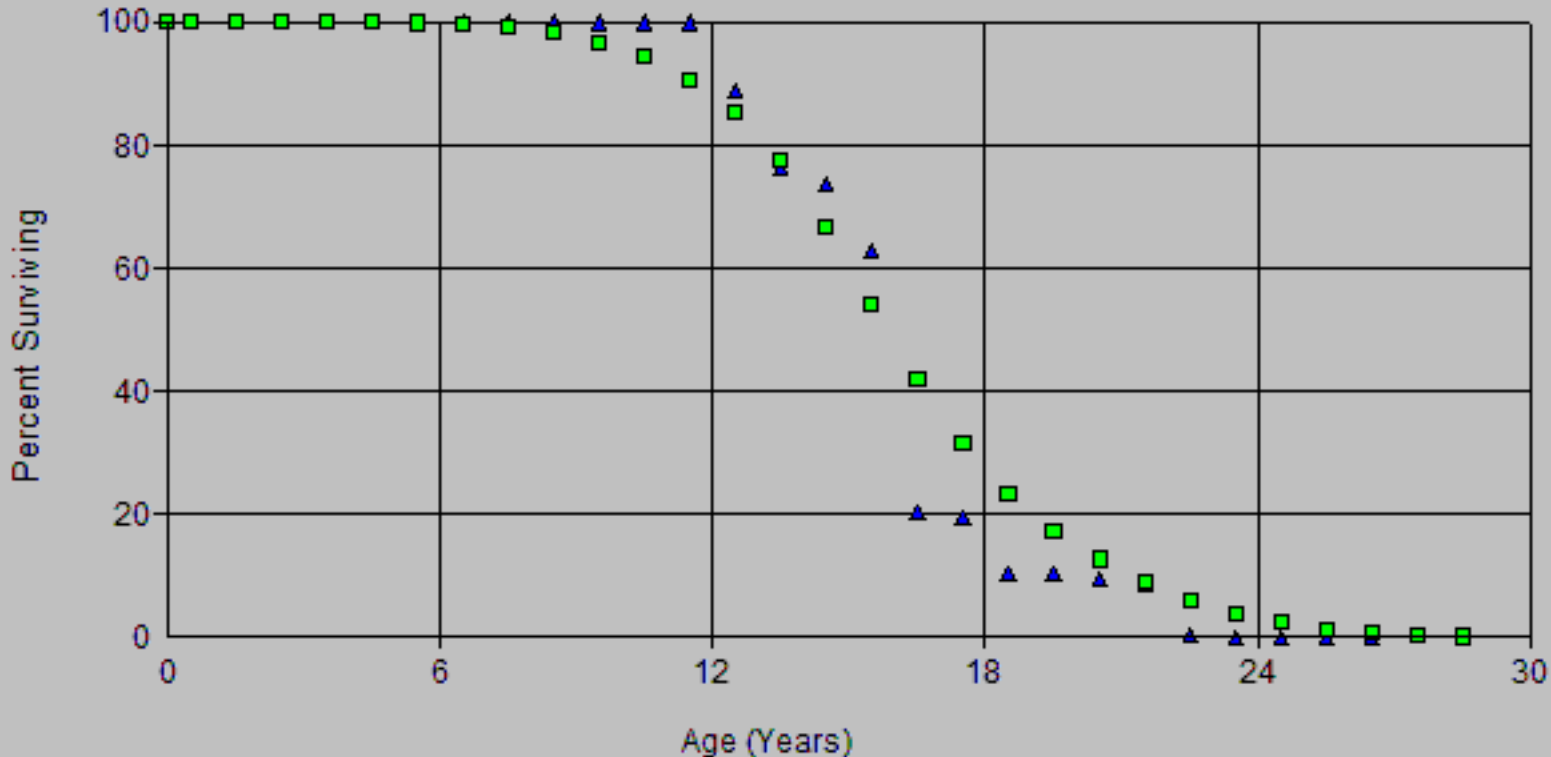


Account: E398.10-Misc Equip. - Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG CAPX
 Depreciation

▲ Actual Data

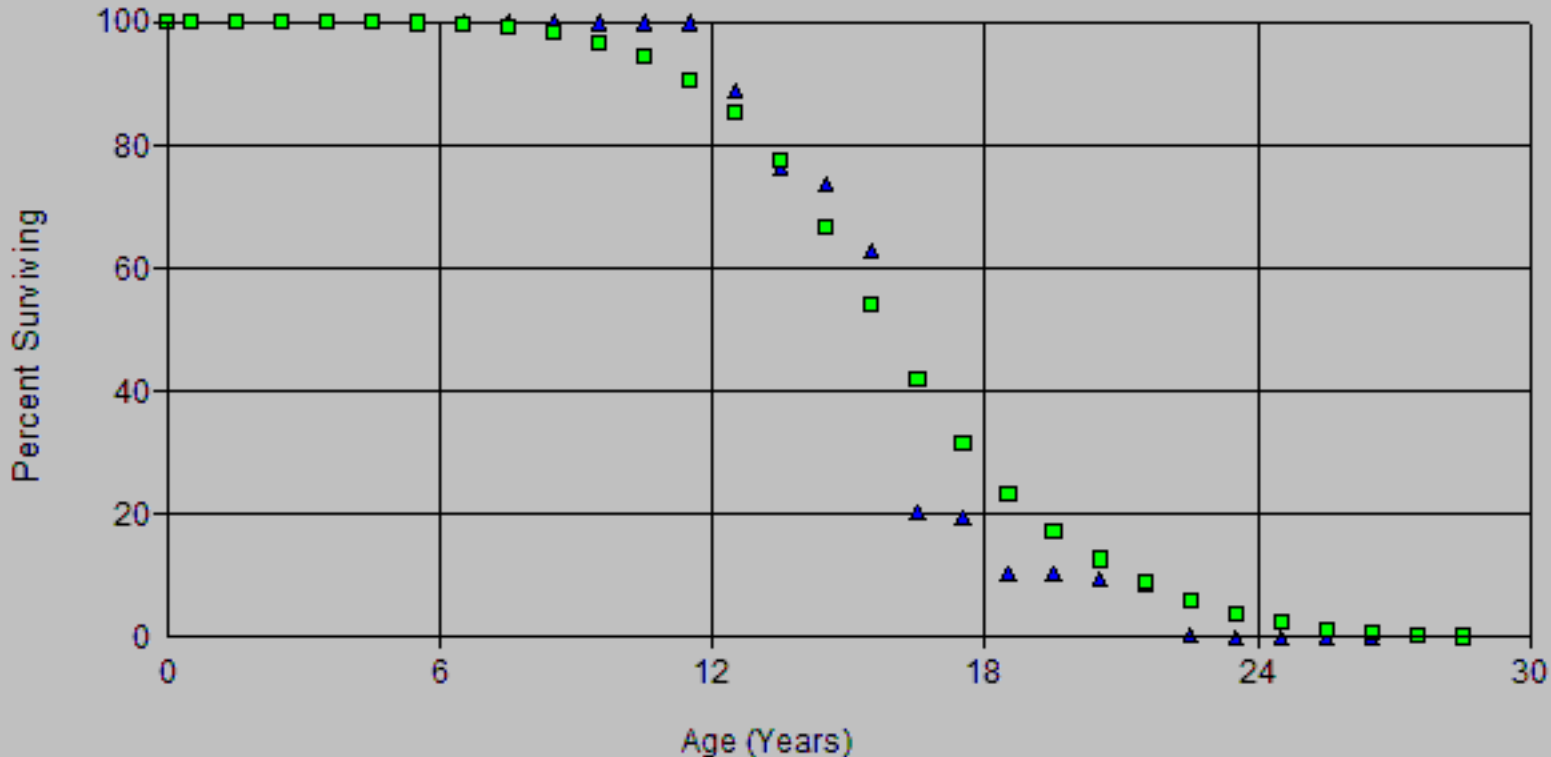
■ L4 16.00



Account: E398.10-Misc. Equip. - Other
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD CAPX
 Depreciation

▲ Actual Data ■ L4 16.00

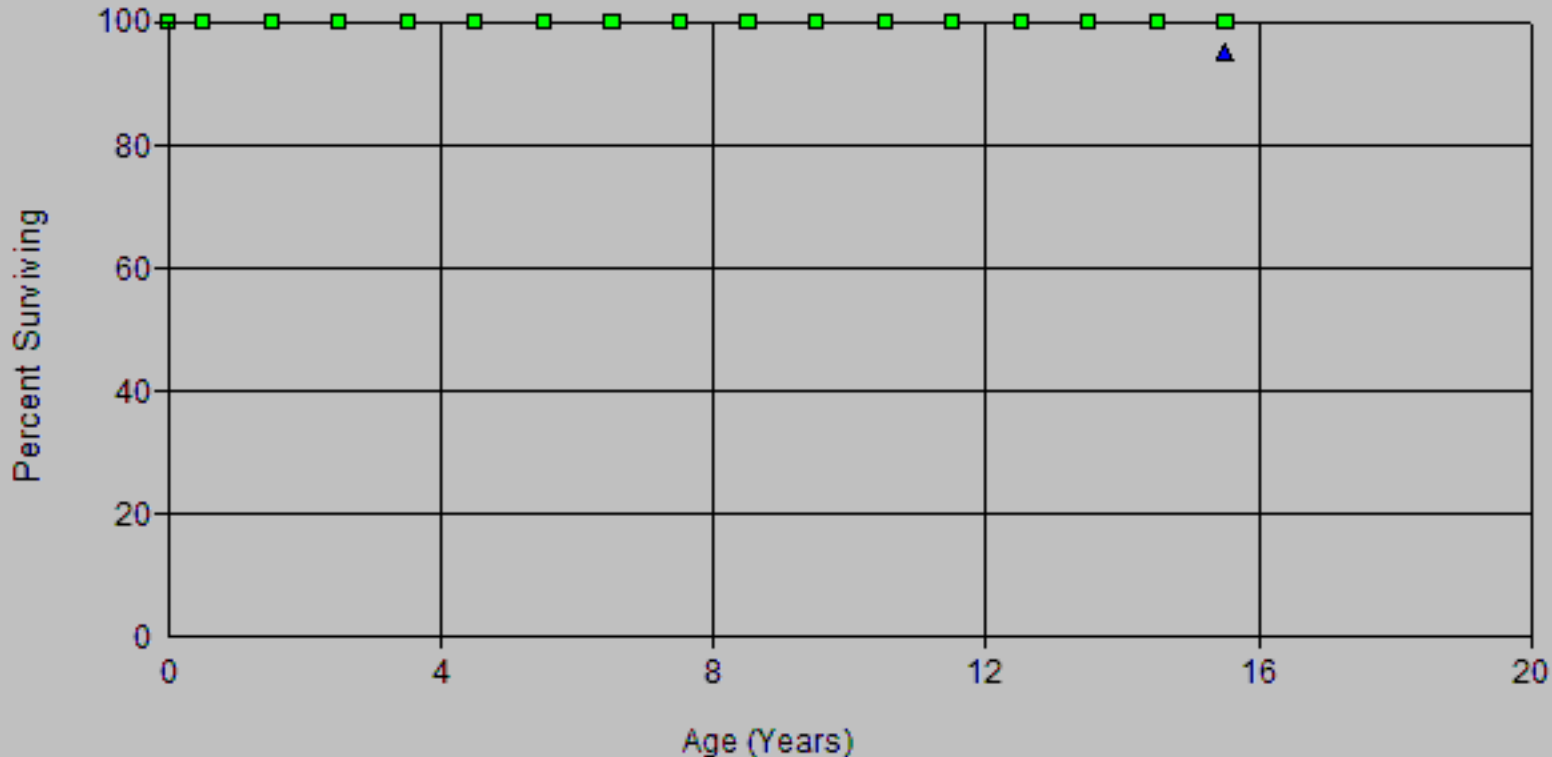


Account: E398.10-Misc-Equip. - Other
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRG CAPX
Depreciation

▲ Actual Data

■ SQ 16.00



Scenario: SDGE Actuarial @ 2020
 Account: E398.10-Misc. Equip. - Other
 Placement Band: 1916 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	3,623,421.01	0.00	0.00000	1.00000	100.00
0.5	3,583,930.99	8.00	0.00000	1.00000	100.00
1.5	3,598,301.19	0.00	0.00000	1.00000	100.00
2.5	3,524,875.81	1,230.00	0.00035	0.99965	100.00
3.5	3,523,645.81	197.00	0.00006	0.99994	99.97
4.5	3,524,421.81	40.00	0.00001	0.99999	99.96
5.5	1,705,213.51	0.00	0.00000	1.00000	99.96
6.5	1,724,823.95	986.00	0.00057	0.99943	99.96
7.5	1,723,135.04	0.00	0.00000	1.00000	99.90
8.5	816,619.91	0.00	0.00000	1.00000	99.90
9.5	816,642.91	657.00	0.00080	0.99920	99.90
10.5	870,687.91	26.00	0.00003	0.99997	99.82
11.5	870,661.91	86,125.00	0.09892	0.90108	99.82
12.5	753,069.77	100,366.00	0.13328	0.86672	89.94
13.5	606,936.46	18,392.32	0.03030	0.96970	77.96
14.5	496,909.34	63,872.00	0.12854	0.87146	75.59
15.5	421,182.62	275,960.61	0.65520	0.34480	65.88
16.5	145,246.01	6,563.83	0.04519	0.95481	22.71
17.5	138,682.18	61,760.27	0.44534	0.55466	21.69
18.5	77,236.91	820.00	0.01062	0.98938	12.03
19.5	76,865.91	5,609.32	0.07298	0.92702	11.90
20.5	71,368.59	5,837.00	0.08179	0.91821	11.03
21.5	66,497.59	58,080.69	0.87343	0.12657	10.13
22.5	9,524.90	2,651.76	0.27840	0.72160	1.28
23.5	6,945.14	247.00	0.03556	0.96444	0.93
24.5	7,087.14	236.00	0.03330	0.96670	0.89
25.5	6,904.14	96.00	0.01390	0.98610	0.86
26.5	6,808.14	444.00	0.06522	0.93478	0.85
27.5	6,364.14	23.00	0.00361	0.99639	0.80
28.5	6,341.14	442.00	0.06970	0.93030	0.79
29.5	5,899.14	0.00	0.00000	1.00000	0.74
30.5	5,938.14	0.00	0.00000	1.00000	0.74
31.5	5,938.14	0.00	0.00000	1.00000	0.74
32.5	5,938.14	0.00	0.00000	1.00000	0.74
33.5	5,938.14	147.00	0.02476	0.97524	0.74
34.5	5,791.14	938.00	0.16197	0.83803	0.72
35.5	4,853.14	0.00	0.00000	1.00000	0.60
36.5	4,853.14	3,882.14	0.79992	0.20008	0.60
37.5	971.00	24.00	0.02472	0.97528	0.12
38.5	947.00	0.00	0.00000	1.00000	0.12
39.5	947.00	215.00	0.22703	0.77297	0.12
40.5	732.00	42.00	0.05738	0.94262	0.09
41.5	690.00	23.00	0.03333	0.96667	0.09
42.5	667.00	186.00	0.27886	0.72114	0.08
43.5	481.00	0.00	0.00000	1.00000	0.06
44.5	481.00	0.00	0.00000	1.00000	0.06
45.5	481.00	389.00	0.80873	0.19127	0.06
46.5	92.00	53.00	0.57609	0.42391	0.01
47.5	39.00	0.00	0.00000	1.00000	0.01
48.5	39.00	0.00	0.00000	1.00000	0.01
49.5	39.00	0.00	0.00000	1.00000	0.01
50.5	39.00	0.00	0.00000	1.00000	0.01
51.5	39.00	39.00	1.00000	0.00000	0.01
52.5	0.00	0.00	0.00000	0.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: E398.10-Misc. Equip. - Other

Placement Band: 1916 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	3,485,943.02	0.00	0.00000	1.00000	100.00
0.5	3,446,453.00	0.00	0.00000	1.00000	100.00
1.5	3,374,618.20	0.00	0.00000	1.00000	100.00
2.5	3,219,298.48	0.00	0.00000	1.00000	100.00
3.5	3,224,616.31	0.00	0.00000	1.00000	100.00
4.5	3,250,491.90	0.00	0.00000	1.00000	100.00
5.5	1,431,323.60	0.00	0.00000	1.00000	100.00
6.5	1,498,675.36	986.00	0.00066	0.99934	100.00
7.5	1,603,400.45	0.00	0.00000	1.00000	99.93
8.5	745,865.01	0.00	0.00000	1.00000	99.93
9.5	753,742.77	0.00	0.00000	1.00000	99.93
10.5	754,784.77	0.00	0.00000	1.00000	99.93
11.5	791,466.77	86,125.00	0.10882	0.89118	99.93
12.5	674,524.63	95,163.00	0.14108	0.85892	89.06
13.5	538,162.32	18,188.32	0.03380	0.96620	76.50
14.5	428,120.20	63,653.00	0.14868	0.85132	73.91
15.5	407,028.48	275,550.61	0.67698	0.32302	62.92
16.5	137,169.87	6,423.83	0.04683	0.95317	20.32
17.5	130,746.04	61,760.27	0.47237	0.52763	19.37
18.5	68,985.77	0.00	0.00000	1.00000	10.22
19.5	68,985.77	5,202.32	0.07541	0.92459	10.22
20.5	63,783.45	5,692.00	0.08924	0.91076	9.45
21.5	58,091.45	56,588.69	0.97413	0.02587	8.61
22.5	1,946.76	1,502.76	0.77193	0.22807	0.22
23.5	444.00	0.00	0.00000	1.00000	0.05
24.5	444.00	0.00	0.00000	1.00000	0.05
25.5	444.00	0.00	0.00000	1.00000	0.05
26.5	444.00	444.00	1.00000	0.00000	0.05
27.5	0.00	0.00	0.00000	1.00000	0.00
28.5	4,820.14	0.00	0.00000	1.00000	
29.5	4,820.14	0.00	0.00000	1.00000	
30.5	4,820.14	0.00	0.00000	1.00000	
31.5	4,820.14	0.00	0.00000	1.00000	
32.5	4,820.14	0.00	0.00000	1.00000	
33.5	4,820.14	0.00	0.00000	1.00000	
34.5	4,820.14	938.00	0.19460	0.80540	
35.5	3,882.14	0.00	0.00000	1.00000	
36.5	3,882.14	3,882.14	1.00000	0.00000	
37.5	0.00	0.00	0.00000	1.00000	

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E398.10-Misc. Equip. - Other

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	3,485,943.02	0.00	0.00000	1.00000	100.00
0.5	3,446,453.00	0.00	0.00000	1.00000	100.00
1.5	3,374,618.20	0.00	0.00000	1.00000	100.00
2.5	3,219,298.48	0.00	0.00000	1.00000	100.00
3.5	3,224,616.31	0.00	0.00000	1.00000	100.00
4.5	3,250,491.90	0.00	0.00000	1.00000	100.00
5.5	1,431,323.60	0.00	0.00000	1.00000	100.00
6.5	1,498,675.36	986.00	0.00066	0.99934	100.00
7.5	1,603,400.45	0.00	0.00000	1.00000	99.93
8.5	745,865.01	0.00	0.00000	1.00000	99.93
9.5	753,742.77	0.00	0.00000	1.00000	99.93
10.5	754,784.77	0.00	0.00000	1.00000	99.93
11.5	791,466.77	86,125.00	0.10882	0.89118	99.93
12.5	674,524.63	95,163.00	0.14108	0.85892	89.06
13.5	538,162.32	18,188.32	0.03380	0.96620	76.50
14.5	428,120.20	63,653.00	0.14868	0.85132	73.91
15.5	407,028.48	275,550.61	0.67698	0.32302	62.92
16.5	137,169.87	6,423.83	0.04683	0.95317	20.32
17.5	130,746.04	61,760.27	0.47237	0.52763	19.37
18.5	68,985.77	0.00	0.00000	1.00000	10.22
19.5	68,985.77	5,202.32	0.07541	0.92459	10.22
20.5	63,783.45	5,692.00	0.08924	0.91076	9.45
21.5	58,091.45	56,588.69	0.97413	0.02587	8.61
22.5	1,946.76	1,502.76	0.77193	0.22807	0.22
23.5	444.00	0.00	0.00000	1.00000	0.05
24.5	444.00	0.00	0.00000	1.00000	0.05
25.5	444.00	0.00	0.00000	1.00000	0.05
26.5	444.00	444.00	1.00000	0.00000	0.05
27.5	0.00	0.00	0.00000	1.00000	0.00
28.5	4,820.14	0.00	0.00000	1.00000	
29.5	4,820.14	0.00	0.00000	1.00000	
30.5	4,820.14	0.00	0.00000	1.00000	
31.5	4,820.14	0.00	0.00000	1.00000	
32.5	4,820.14	0.00	0.00000	1.00000	
33.5	4,820.14	0.00	0.00000	1.00000	
34.5	4,820.14	938.00	0.19460	0.80540	
35.5	3,882.14	0.00	0.00000	1.00000	
36.5	3,882.14	3,882.14	1.00000	0.00000	
37.5	0.00	0.00	0.00000	1.00000	

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: E398.10-Misc. Equip. - Other

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	3,485,943.02	0.00	0.00000	1.00000	100.00
0.5	3,446,453.00	0.00	0.00000	1.00000	100.00
1.5	3,374,618.20	0.00	0.00000	1.00000	100.00
2.5	3,210,905.82	0.00	0.00000	1.00000	100.00
3.5	3,210,905.82	0.00	0.00000	1.00000	100.00
4.5	3,210,905.82	0.00	0.00000	1.00000	100.00
5.5	1,391,737.52	0.00	0.00000	1.00000	100.00
6.5	1,374,665.96	0.00	0.00000	1.00000	100.00
7.5	1,373,963.05	0.00	0.00000	1.00000	100.00
8.5	462,559.92	0.00	0.00000	1.00000	100.00
9.5	462,559.92	0.00	0.00000	1.00000	100.00
10.5	462,559.92	0.00	0.00000	1.00000	100.00
11.5	462,559.92	0.00	0.00000	1.00000	100.00
12.5	431,092.78	0.00	0.00000	1.00000	100.00
13.5	384,974.47	0.00	0.00000	1.00000	100.00
14.5	293,120.67	13,905.00	0.04744	0.95256	100.00
15.5	267,170.95	267,170.95	1.00000	0.00000	95.26
16.5	0.00	0.00	0.00000	1.00000	0.00

Actuarial Life Analysis

Account: E398.10-Misc. Equip. - Other
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1916 - 1951
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -1951	33.5	0.25	0.10390925	L5	13.50
1948 -1952		1.00			
1949 -1953		1.00			
1950 -1954		1.00			
1951 -1955		1.00			
1952 -1956		1.00			
1953 -1957		1.00			
1954 -1958		1.00			
1955 -1959		1.00			
1956 -1960		1.00			
1957 -1961	43.5	88.98	0.03627552	L0	141.85
1958 -1962	44.5	38.05	0.66556309	L2	33.05
1959 -1963	45.5	40.20	0.69432255	L2	33.99
1960 -1964	46.5	11.68	0.80071663	L2	18.99
1961 -1965	47.5	6.97	0.54943711	L2.5	17.10
1962 -1966	48.5	0.00	0.00000000	SQ	10.39
1963 -1967	49.5	0.00	0.00000000	SQ	10.39
1964 -1968	50.5	0.00	0.12735022	R5	11.91
1965 -1969	51.5	0.00	0.38057756	R2.5	15.75
1966 -1970	52.5	0.00	0.00705891	SQ	19.32
1967 -1971	53.5	0.00	0.00066654	SQ	18.95
1968 -1972	54.5	0.00	0.44890394	R5	17.78
1969 -1973	55.5	96.06	0.01894342	R1	224.68
1970 -1974	56.5	96.04	0.01960576	R1	227.39
1971 -1975	57.5	99.50	0.00042810	R3	225.77
1972 -1976	58.5	99.55	0.00034449	R3	243.39
1973 -1977		1.00			
1974 -1978		1.00			
1975 -1979		1.00			
1976 -1980		1.00			
1977 -1981		1.00			
1978 -1982		1.00			
1979 -1983		1.00			
1980 -1984		1.00			
1981 -1985		1.00			
1982 -1986	68.5	99.99	0.00000068	SQ	68.54
1983 -1987	69.5	0.00	0.26524412	L2	18.79
1984 -1988	70.5	0.00	0.31485885	S1.5	21.80
1985 -1989	71.5	0.00	0.21509179	L4	17.67
1986 -1990	72.5	0.00	0.02572869	SQ	16.65
1987 -1991	73.5	0.00	0.19070995	S6	21.87
1988 -1992		1.00			
1989 -1993		1.00			
1990 -1994		1.00			

Actuarial Life Analysis

Account: E398.10-Misc. Equip. - Other
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1916 - 1995
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1991 -1995		1.00			
1992 -1996	75.5	0.00	0.45019601	L1.5	13.98
1993 -1997	76.5	0.00	0.09345377	L5	10.63
1994 -1998	77.5	0.00	0.03931932	L5	10.11
1995 -1999	78.5	0.00	0.05012101	R4	9.55
1996 -2000	79.5	0.00	0.05918178	S6	9.63
1997 -2001	80.5	0.00	0.04578609	L5	12.16
1998 -2002	81.5	0.00	0.00966575	SQ	33.58
1999 -2003	82.5	0.00	0.00985525	SQ	33.57
2000 -2004	83.5	0.00	0.04884485	S6	14.68
2001 -2005	84.5	0.00	0.05929286	S6	14.55
2002 -2006	85.5	0.00	0.05888563	S6	14.55
2003 -2007	86.5	0.00	0.06142585	S6	13.81
2004 -2008	87.5	0.00	0.00000000	SQ	13.20
2005 -2009		1.00			
2006 -2010		1.00			
2007 -2011	90.5	0.00	0.00000000	SQ	15.20
2008 -2012	91.5	0.00	0.00000000	SQ	15.20
2009 -2013	92.5	0.00	0.00000000	SQ	15.20
2010 -2014	93.5	0.00	0.00000000	SQ	15.20
2011 -2015	94.5	0.00	0.00000000	SQ	15.20
2012 -2016	95.5	0.00	0.00000000	SQ	15.20
2013 -2017	96.5	0.00	0.00000000	SQ	15.20
2014 -2018		1.00			
2015 -2019	98.5	0.00	0.00000000	SQ	16.20
2016 -2020	99.5	0.00	0.00000000	SQ	16.20

Actuarial Life Analysis

Account: E398.10-Misc. Equip. - Other
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1916 - 2020
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -2020	104.5	0.00	0.05880409	L5	16.16
1952 -2020	104.5	0.00	0.05978935	L5	16.17
1957 -2020	104.5	0.00	0.05931608	L5	16.16
1962 -2020	104.5	0.00	0.05856426	L5	16.15
1967 -2020	104.5	0.00	0.05852950	L5	16.15
1972 -2020	104.5	0.00	0.05920224	L5	16.15
1977 -2020	104.5	0.00	0.05890892	L5	16.14
1982 -2020	104.5	0.00	0.05755139	L5	16.09
1987 -2020	104.5	0.00	0.05264413	L5	15.98
1992 -2020	104.5	0.00	0.06892318	S5	15.58
1997 -2020	104.5	0.00	0.05408041	SQ	15.98
2002 -2020	104.5	0.00	0.02994078	SQ	16.38
2007 -2020	104.5	0.00	0.00224676	SQ	16.00
2012 -2020	104.5	0.00	0.00067081	SQ	16.02
2017 -2020	104.5	0.00	0.00000000	SQ	16.20

The following Electric General don't have any retirements.

Therefore, there are no actuarial results.

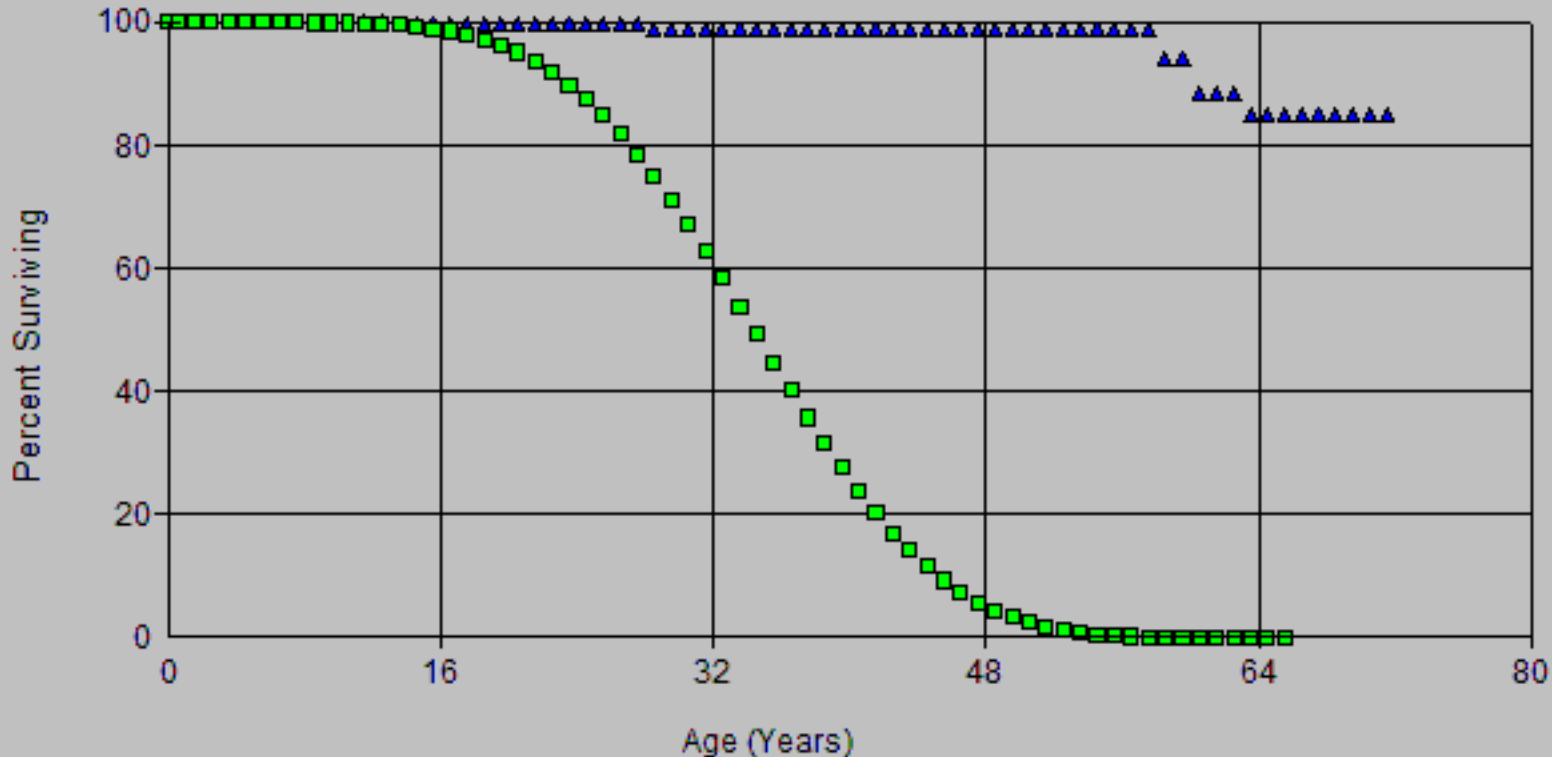
Account 397.60

Account 397.70

Actuarial Analysis Results

Account: G366.00 SDG&E
2024 GRCI APP
Depreciation
Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ S3 34.00

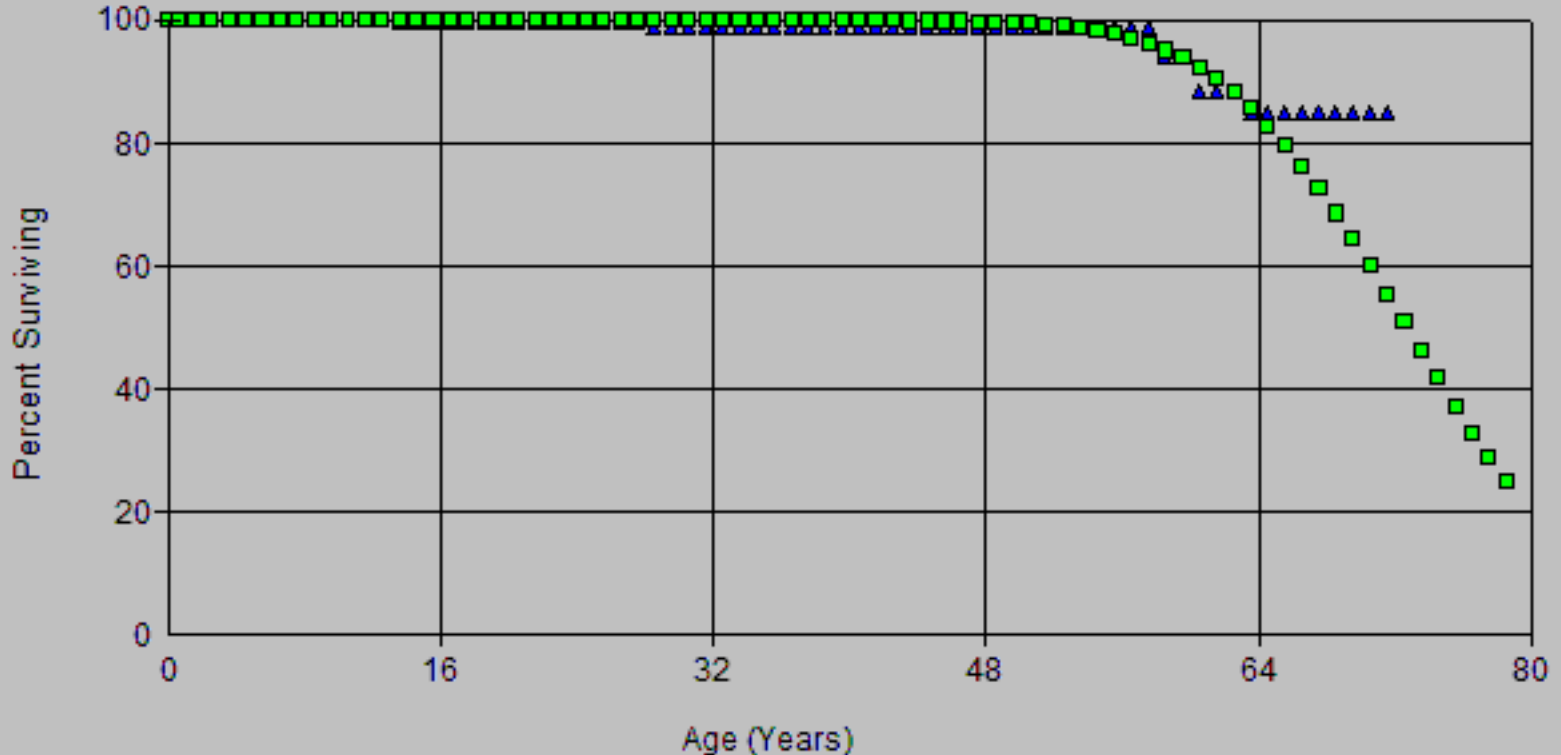


Account: G366.00 Street and Land Imp.
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRCI APP
Depreciation

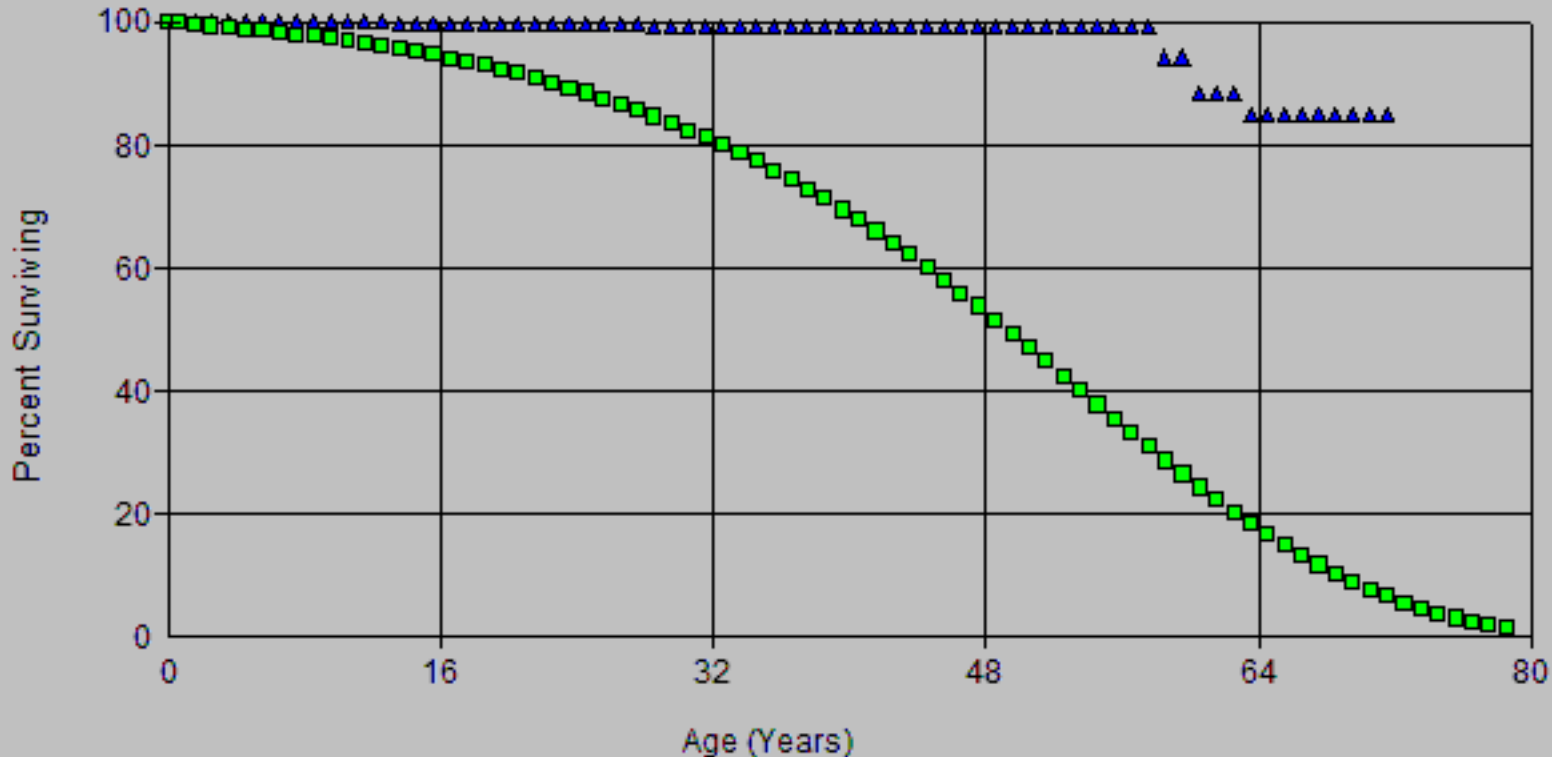
▲ Actual Data

■ S5 72.00



Account: G366.00 SDG&E
 2024 GRCI APP
 Depreciation
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2 47.00



Scenario: SDGE Actuarial @ 2020

Account: G366.00-Struct and Land Imp.

Placement Band: 1949 - 2020

Observation Band: 2001 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	10,073,633.44	0.00	0.00000	1.00000	100.00
0.5	9,444,010.95	0.00	0.00000	1.00000	100.00
1.5	9,132,910.07	0.00	0.00000	1.00000	100.00
2.5	9,602,082.99	0.00	0.00000	1.00000	100.00
3.5	8,051,194.78	0.00	0.00000	1.00000	100.00
4.5	3,263,847.29	0.00	0.00000	1.00000	100.00
5.5	2,497,268.84	0.00	0.00000	1.00000	100.00
6.5	4,775,184.68	0.00	0.00000	1.00000	100.00
7.5	4,605,079.53	0.00	0.00000	1.00000	100.00
8.5	4,692,336.79	0.00	0.00000	1.00000	100.00
9.5	5,642,486.25	0.00	0.00000	1.00000	100.00
10.5	5,358,447.54	0.00	0.00000	1.00000	100.00
11.5	6,288,584.09	0.00	0.00000	1.00000	100.00
12.5	6,288,643.97	11,135.37	0.00177	0.99823	100.00
13.5	9,774,136.12	0.00	0.00000	1.00000	99.82
14.5	9,630,546.53	0.00	0.00000	1.00000	99.82
15.5	9,630,546.53	0.00	0.00000	1.00000	99.82
16.5	9,610,594.52	0.00	0.00000	1.00000	99.82
17.5	9,522,623.88	6,654.26	0.00070	0.99930	99.82
18.5	9,658,221.70	9,522.55	0.00099	0.99901	99.75
19.5	9,555,617.25	0.00	0.00000	1.00000	99.65
20.5	9,532,871.76	0.00	0.00000	1.00000	99.65
21.5	9,532,871.76	0.00	0.00000	1.00000	99.65
22.5	9,065,530.71	0.00	0.00000	1.00000	99.65
23.5	8,790,116.44	0.00	0.00000	1.00000	99.65
24.5	8,793,291.54	0.00	0.00000	1.00000	99.65
25.5	8,902,592.98	0.00	0.00000	1.00000	99.65
26.5	6,397,196.18	0.00	0.00000	1.00000	99.65
27.5	6,452,988.13	34,725.87	0.00538	0.99462	99.65
28.5	6,421,860.74	0.00	0.00000	1.00000	99.12
29.5	5,480,731.66	0.00	0.00000	1.00000	99.12
30.5	5,461,268.02	0.00	0.00000	1.00000	99.12
31.5	4,318,427.57	0.00	0.00000	1.00000	99.12
32.5	4,205,337.56	0.00	0.00000	1.00000	99.12
33.5	667,059.42	0.00	0.00000	1.00000	99.12
34.5	665,932.53	0.00	0.00000	1.00000	99.12
35.5	670,427.67	0.00	0.00000	1.00000	99.12
36.5	617,438.72	0.00	0.00000	1.00000	99.12
37.5	691,628.85	0.00	0.00000	1.00000	99.12
38.5	451,171.79	0.00	0.00000	1.00000	99.12
39.5	450,068.10	0.00	0.00000	1.00000	99.12
40.5	435,606.14	0.00	0.00000	1.00000	99.12
41.5	435,606.14	0.00	0.00000	1.00000	99.12
42.5	434,149.70	0.00	0.00000	1.00000	99.12
43.5	471,612.96	0.00	0.00000	1.00000	99.12
44.5	468,595.17	0.00	0.00000	1.00000	99.12
45.5	448,823.45	0.00	0.00000	1.00000	99.12
46.5	425,649.87	0.00	0.00000	1.00000	99.12
47.5	361,538.43	0.00	0.00000	1.00000	99.12
48.5	351,943.75	0.00	0.00000	1.00000	99.12
49.5	324,097.00	0.00	0.00000	1.00000	99.12
50.5	328,823.80	0.00	0.00000	1.00000	99.12
51.5	373,330.25	0.00	0.00000	1.00000	99.12
52.5	373,330.25	0.00	0.00000	1.00000	99.12

Scenario: SDGE Actuarial @ 2020

Account: G366.00-Struct and Land Imp.

Placement Band: 1949 - 2020

Observation Band: 2001 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	373,110.29	0.00	0.00000	1.00000	99.12
54.5	373,110.29	0.00	0.00000	1.00000	99.12
55.5	368,615.15	0.00	0.00000	1.00000	99.12
56.5	368,615.15	0.00	0.00000	1.00000	99.12
57.5	294,425.02	14,318.47	0.04863	0.95137	99.12
58.5	280,106.55	0.00	0.00000	1.00000	94.30
59.5	279,437.24	17,705.89	0.06336	0.93664	94.30
60.5	248,932.24	0.00	0.00000	1.00000	88.32
61.5	248,932.24	0.00	0.00000	1.00000	88.32
62.5	248,556.81	9,496.80	0.03821	0.96179	88.32
63.5	211,490.57	0.00	0.00000	1.00000	84.95
64.5	211,333.26	0.00	0.00000	1.00000	84.95
65.5	123,515.04	0.00	0.00000	1.00000	84.95
66.5	123,435.56	0.00	0.00000	1.00000	84.95
67.5	123,435.56	0.00	0.00000	1.00000	84.95
68.5	51,671.30	0.00	0.00000	1.00000	84.95
69.5	51,629.91	0.00	0.00000	1.00000	84.95
70.5	44,506.45	0.00	0.00000	1.00000	84.95
71.5	0.00	0.00	0.00000	0.00000	84.95

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G366.00-Struct and Land Imp.

Scenario: SDGE Actuarial @ 2020

Placement Band: 1949 - 2005

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2001 -2005		1.00			
2002 -2006		1.00			
2003 -2007	58.5	99.69	0.00030385	R3	258.31
2004 -2008	59.5	99.69	0.00033331	R3	259.31
2005 -2009	60.5	99.47	0.00039740	R3	236.67
2006 -2010	61.5	99.33	0.00064281	R3	213.58
2007 -2011	62.5	99.37	0.00056319	R3	224.36
2008 -2012	63.5	99.82	0.00010775	R4	173.23
2009 -2013	64.5	99.55	0.00033250	R3	264.24
2010 -2014	65.5	99.74	0.00024990	R4	160.84
2011 -2015	66.5	74.91	0.02896670	R5	70.99
2012 -2016	67.5	74.98	0.03267228	S4	74.89
2013 -2017	68.5	69.22	0.05576471	R5	70.53
2014 -2018	69.5	60.22	0.16612220	S4	70.60
2015 -2019	70.5	60.48	0.17725657	S4	70.98
2016 -2020		1.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G366.00-Struct and Land Imp.

Scenario: SDGE Actuarial @ 2020

Placement Band: 1949 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2001 -2020	71.5	84.95	0.02228888	S3	93.42
2006 -2020	71.5	84.80	0.02192609	S3	92.55
2011 -2020	71.5	80.15	0.04638343	S3	88.71
2016 -2020		1.00			

Scenario: SDGE Actuarial @ 2020
Account: G367.00-Mains
Placement Band: 1949 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	247,595,291.29	0.00	0.00000	1.00000	100.00
0.5	170,683,509.24	0.00	0.00000	1.00000	100.00
1.5	187,270,996.98	2,768.65	0.00001	0.99999	100.00
2.5	196,297,102.96	110,398.81	0.00056	0.99944	100.00
3.5	194,925,327.97	0.00	0.00000	1.00000	99.94
4.5	210,631,263.65	0.00	0.00000	1.00000	99.94
5.5	165,507,048.24	0.00	0.00000	1.00000	99.94
6.5	157,444,932.89	65,684.40	0.00042	0.99958	99.94
7.5	122,042,102.25	0.00	0.00000	1.00000	99.90
8.5	108,829,527.45	198,651.83	0.00183	0.99817	99.90
9.5	107,468,828.73	0.00	0.00000	1.00000	99.72
10.5	107,220,964.77	0.00	0.00000	1.00000	99.72
11.5	109,945,874.93	8,507.24	0.00008	0.99992	99.72
12.5	107,260,738.58	21,031.34	0.00020	0.99980	99.71
13.5	107,040,217.27	6,958.33	0.00007	0.99993	99.69
14.5	105,953,283.06	0.00	0.00000	1.00000	99.68
15.5	104,483,001.73	0.00	0.00000	1.00000	99.68
16.5	105,170,922.66	0.00	0.00000	1.00000	99.68
17.5	105,518,080.47	69,225.62	0.00066	0.99934	99.68
18.5	105,580,057.42	0.00	0.00000	1.00000	99.62
19.5	103,612,721.64	0.00	0.00000	1.00000	99.62
20.5	103,165,218.39	0.00	0.00000	1.00000	99.62
21.5	95,325,667.99	177,393.84	0.00186	0.99814	99.62
22.5	68,574,573.56	0.00	0.00000	1.00000	99.43
23.5	47,436,048.47	0.00	0.00000	1.00000	99.43
24.5	31,363,951.72	0.00	0.00000	1.00000	99.43
25.5	28,700,147.19	820,422.36	0.02859	0.97141	99.43
26.5	9,716,107.35	0.00	0.00000	1.00000	96.59
27.5	8,844,413.74	0.00	0.00000	1.00000	96.59
28.5	8,945,055.98	480.09	0.00005	0.99995	96.59
29.5	8,966,764.22	0.00	0.00000	1.00000	96.58
30.5	9,011,761.23	0.00	0.00000	1.00000	96.58
31.5	9,011,943.79	0.00	0.00000	1.00000	96.58
32.5	8,966,420.77	0.00	0.00000	1.00000	96.58
33.5	6,975,907.45	17,831.74	0.00256	0.99744	96.58
34.5	6,384,917.35	0.00	0.00000	1.00000	96.34
35.5	6,384,917.35	0.00	0.00000	1.00000	96.34
36.5	6,351,391.62	0.00	0.00000	1.00000	96.34
37.5	6,046,780.72	0.00	0.00000	1.00000	96.34
38.5	10,822,331.48	14,652.52	0.00135	0.99865	96.34
39.5	10,283,653.60	0.00	0.00000	1.00000	96.21
40.5	9,896,060.84	4,182.37	0.00042	0.99958	96.21
41.5	9,888,461.23	158.84	0.00002	0.99998	96.17
42.5	9,888,302.39	1,600.29	0.00016	0.99984	96.17
43.5	9,886,702.10	0.00	0.00000	1.00000	96.15
44.5	9,447,926.79	0.00	0.00000	1.00000	96.15
45.5	9,435,847.01	0.00	0.00000	1.00000	96.15
46.5	8,112,749.78	0.00	0.00000	1.00000	96.15
47.5	8,112,749.78	0.00	0.00000	1.00000	96.15
48.5	7,073,692.32	1,214.56	0.00017	0.99983	96.15
49.5	9,219,616.99	9,819.81	0.00107	0.99893	96.13
50.5	9,109,154.94	22,134.70	0.00243	0.99757	96.03
51.5	9,064,831.91	0.00	0.00000	1.00000	95.80
52.5	9,019,834.90	13,731.31	0.00152	0.99848	95.80

Scenario: SDGE Actuarial @ 2020

Account: G367.00-Mains

Placement Band: 1949 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	9,005,921.03	7,062.57	0.00078	0.99922	95.65
54.5	8,975,845.16	7,288.11	0.00081	0.99919	95.58
55.5	8,250,194.05	0.00	0.00000	1.00000	95.50
56.5	8,243,915.17	0.00	0.00000	1.00000	95.50
57.5	8,243,915.17	0.00	0.00000	1.00000	95.50
58.5	8,187,112.03	0.00	0.00000	1.00000	95.50
59.5	8,187,112.03	0.00	0.00000	1.00000	95.50
60.5	2,160,910.35	0.00	0.00000	1.00000	95.50
61.5	2,160,910.35	0.00	0.00000	1.00000	95.50
62.5	2,160,910.35	0.00	0.00000	1.00000	95.50
63.5	2,160,910.35	1,638.86	0.00076	0.99924	95.50
64.5	2,159,271.49	0.00	0.00000	1.00000	95.43
65.5	2,159,271.49	5,896.51	0.00273	0.99727	95.43
66.5	2,153,374.98	72,829.64	0.03382	0.96618	95.17
67.5	2,077,665.29	0.00	0.00000	1.00000	91.95
68.5	2,077,665.29	0.00	0.00000	1.00000	91.95
69.5	2,077,665.29	0.00	0.00000	1.00000	91.95
70.5	2,077,174.44	0.00	0.00000	1.00000	91.95
71.5	0.00	0.00	0.00000	0.00000	91.95

Scenario: SDGE Actuarial @ 2020
Account: G367.00-Mains
Placement Band: 1961 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	247,595,291.29	0.00	0.00000	1.00000	100.00
0.5	170,683,509.24	0.00	0.00000	1.00000	100.00
1.5	187,270,996.98	2,768.65	0.00001	0.99999	100.00
2.5	196,297,102.96	110,398.81	0.00056	0.99944	100.00
3.5	194,925,327.97	0.00	0.00000	1.00000	99.94
4.5	210,631,263.65	0.00	0.00000	1.00000	99.94
5.5	165,507,048.24	0.00	0.00000	1.00000	99.94
6.5	157,444,932.89	65,684.40	0.00042	0.99958	99.94
7.5	122,042,102.25	0.00	0.00000	1.00000	99.90
8.5	108,829,527.45	198,651.83	0.00183	0.99817	99.90
9.5	107,468,828.73	0.00	0.00000	1.00000	99.72
10.5	107,220,964.77	0.00	0.00000	1.00000	99.72
11.5	109,945,874.93	8,507.24	0.00008	0.99992	99.72
12.5	107,260,738.58	21,031.34	0.00020	0.99980	99.71
13.5	107,040,217.27	6,958.33	0.00007	0.99993	99.69
14.5	105,953,283.06	0.00	0.00000	1.00000	99.68
15.5	104,483,001.73	0.00	0.00000	1.00000	99.68
16.5	105,170,922.66	0.00	0.00000	1.00000	99.68
17.5	105,518,080.47	69,225.62	0.00066	0.99934	99.68
18.5	105,580,057.42	0.00	0.00000	1.00000	99.62
19.5	103,612,721.64	0.00	0.00000	1.00000	99.62
20.5	103,165,218.39	0.00	0.00000	1.00000	99.62
21.5	95,325,667.99	177,393.84	0.00186	0.99814	99.62
22.5	68,574,573.56	0.00	0.00000	1.00000	99.43
23.5	47,436,048.47	0.00	0.00000	1.00000	99.43
24.5	31,363,951.72	0.00	0.00000	1.00000	99.43
25.5	28,700,147.19	820,422.36	0.02859	0.97141	99.43
26.5	9,716,107.35	0.00	0.00000	1.00000	96.59
27.5	8,844,413.74	0.00	0.00000	1.00000	96.59
28.5	8,945,055.98	480.09	0.00005	0.99995	96.59
29.5	8,966,764.22	0.00	0.00000	1.00000	96.58
30.5	9,011,761.23	0.00	0.00000	1.00000	96.58
31.5	9,011,943.79	0.00	0.00000	1.00000	96.58
32.5	8,966,420.77	0.00	0.00000	1.00000	96.58
33.5	6,975,907.45	17,831.74	0.00256	0.99744	96.58
34.5	6,384,917.35	0.00	0.00000	1.00000	96.34
35.5	6,384,917.35	0.00	0.00000	1.00000	96.34
36.5	6,351,391.62	0.00	0.00000	1.00000	96.34
37.5	6,046,780.72	0.00	0.00000	1.00000	96.34
38.5	4,764,712.01	0.00	0.00000	1.00000	96.34
39.5	4,240,686.65	0.00	0.00000	1.00000	96.34
40.5	3,853,093.89	3,954.00	0.00103	0.99897	96.34
41.5	3,845,722.65	158.84	0.00004	0.99996	96.24
42.5	3,845,563.81	1,600.29	0.00042	0.99958	96.23
43.5	3,843,963.52	0.00	0.00000	1.00000	96.19
44.5	3,405,188.21	0.00	0.00000	1.00000	96.19
45.5	3,390,228.38	0.00	0.00000	1.00000	96.19
46.5	2,067,131.15	0.00	0.00000	1.00000	96.19
47.5	2,067,131.15	0.00	0.00000	1.00000	96.19
48.5	1,027,582.84	1,214.56	0.00118	0.99882	96.19
49.5	1,015,968.06	9,819.81	0.00967	0.99033	96.08
50.5	905,506.01	22,134.70	0.02444	0.97556	95.15
51.5	861,182.98	0.00	0.00000	1.00000	92.83
52.5	816,185.97	4,482.52	0.00549	0.99451	92.83

Scenario: SDGE Actuarial @ 2020

Account: G367.00-Mains

Placement Band: 1961 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	811,520.89	7,062.57	0.00870	0.99130	92.32
54.5	781,445.02	0.00	0.00000	1.00000	91.51
55.5	63,082.02	0.00	0.00000	1.00000	91.51
56.5	56,803.14	0.00	0.00000	1.00000	91.51
57.5	56,803.14	0.00	0.00000	1.00000	91.51
58.5	0.00	0.00	0.00000	0.00000	91.51

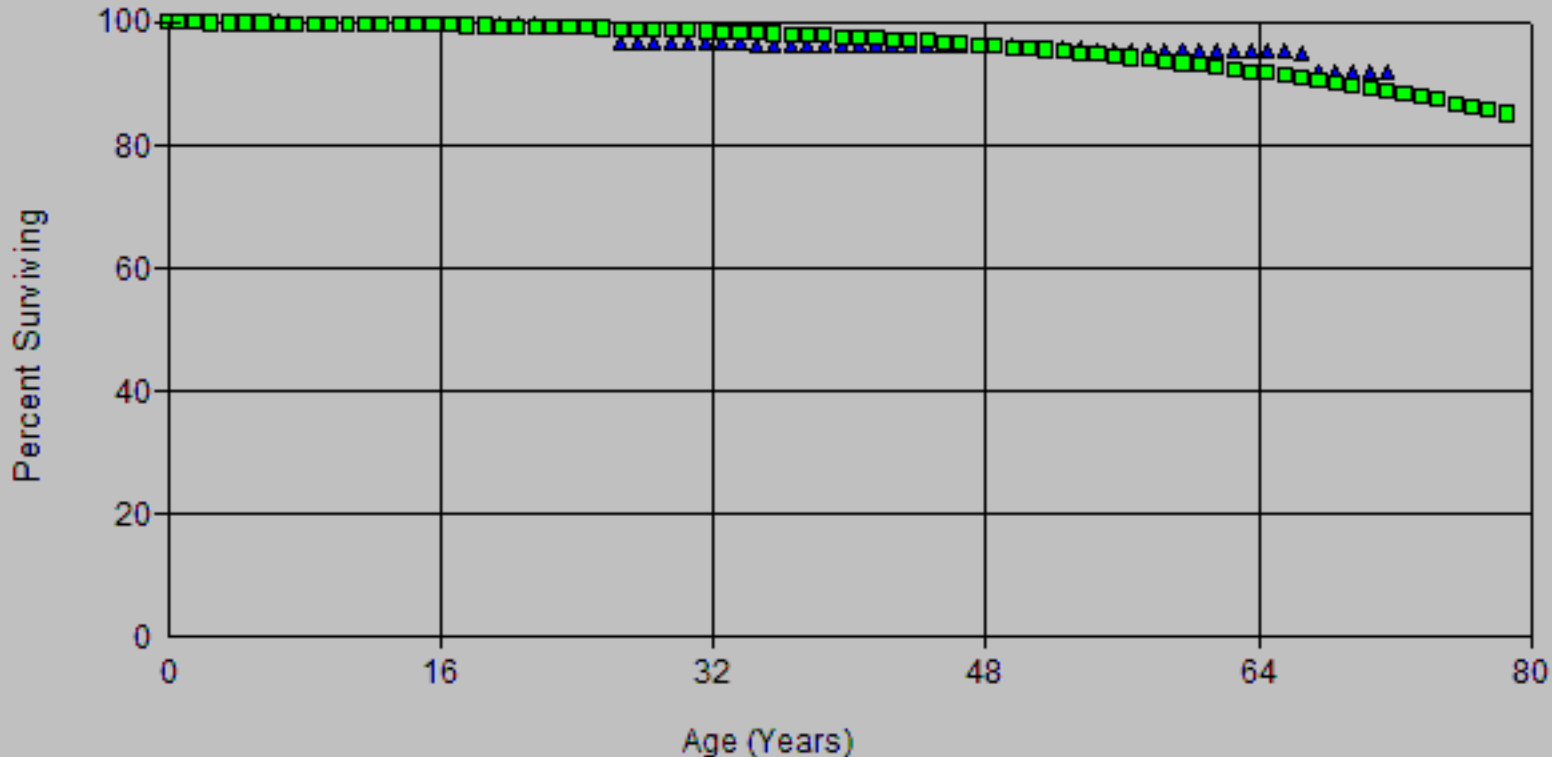
Scenario: SDGE Actuarial @ 2020
Account: G367.00-Mains
Placement Band: 1991 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	247,595,291.29	0.00	0.00000	1.00000	100.00
0.5	170,683,509.24	0.00	0.00000	1.00000	100.00
1.5	187,270,996.98	2,768.65	0.00001	0.99999	100.00
2.5	196,297,102.96	110,398.81	0.00056	0.99944	100.00
3.5	194,925,327.97	0.00	0.00000	1.00000	99.94
4.5	210,631,263.65	0.00	0.00000	1.00000	99.94
5.5	165,507,048.24	0.00	0.00000	1.00000	99.94
6.5	157,444,932.89	65,684.40	0.00042	0.99958	99.94
7.5	122,042,102.25	0.00	0.00000	1.00000	99.90
8.5	108,829,527.45	198,651.83	0.00183	0.99817	99.90
9.5	107,468,828.73	0.00	0.00000	1.00000	99.72
10.5	107,151,213.89	0.00	0.00000	1.00000	99.72
11.5	107,151,213.89	8,507.24	0.00008	0.99992	99.72
12.5	103,886,640.30	21,031.34	0.00020	0.99980	99.71
13.5	103,666,118.99	6,958.33	0.00007	0.99993	99.69
14.5	102,461,390.15	0.00	0.00000	1.00000	99.68
15.5	100,686,497.92	0.00	0.00000	1.00000	99.68
16.5	100,092,350.14	0.00	0.00000	1.00000	99.68
17.5	99,897,650.85	69,225.62	0.00069	0.99931	99.68
18.5	99,572,035.04	0.00	0.00000	1.00000	99.61
19.5	97,601,282.02	0.00	0.00000	1.00000	99.61
20.5	97,153,778.77	0.00	0.00000	1.00000	99.61
21.5	89,314,228.37	177,393.84	0.00199	0.99801	99.61
22.5	62,124,358.63	0.00	0.00000	1.00000	99.42
23.5	40,970,873.71	0.00	0.00000	1.00000	99.42
24.5	23,572,045.79	0.00	0.00000	1.00000	99.42
25.5	20,908,241.26	820,422.36	0.03924	0.96076	99.42
26.5	882,252.67	0.00	0.00000	1.00000	95.52
27.5	0.00	0.00	0.00000	0.00000	95.52

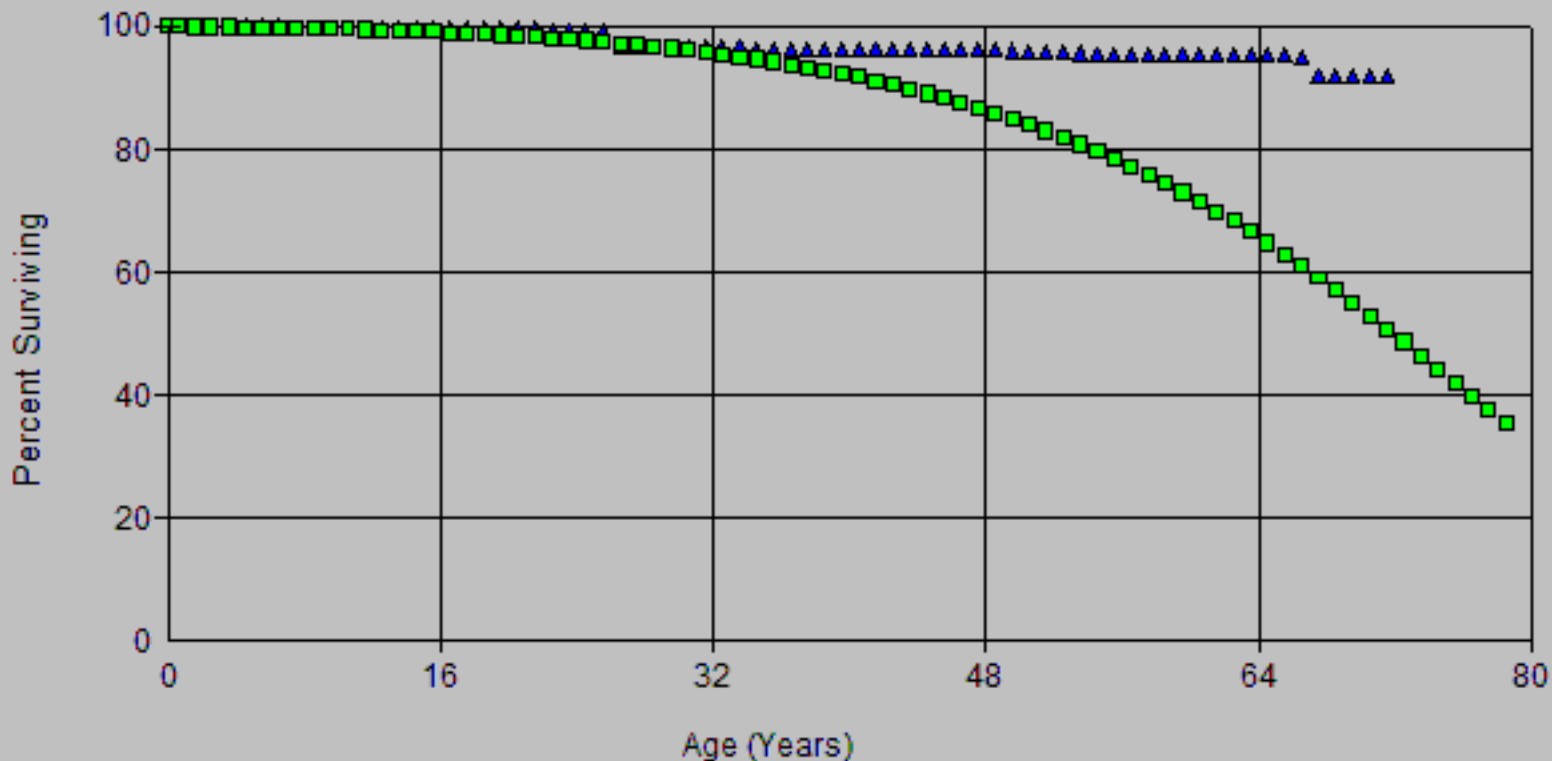
Account: G367.00-Mains
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R3 110.00



Account: G367.00-Mains
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R3 69.00

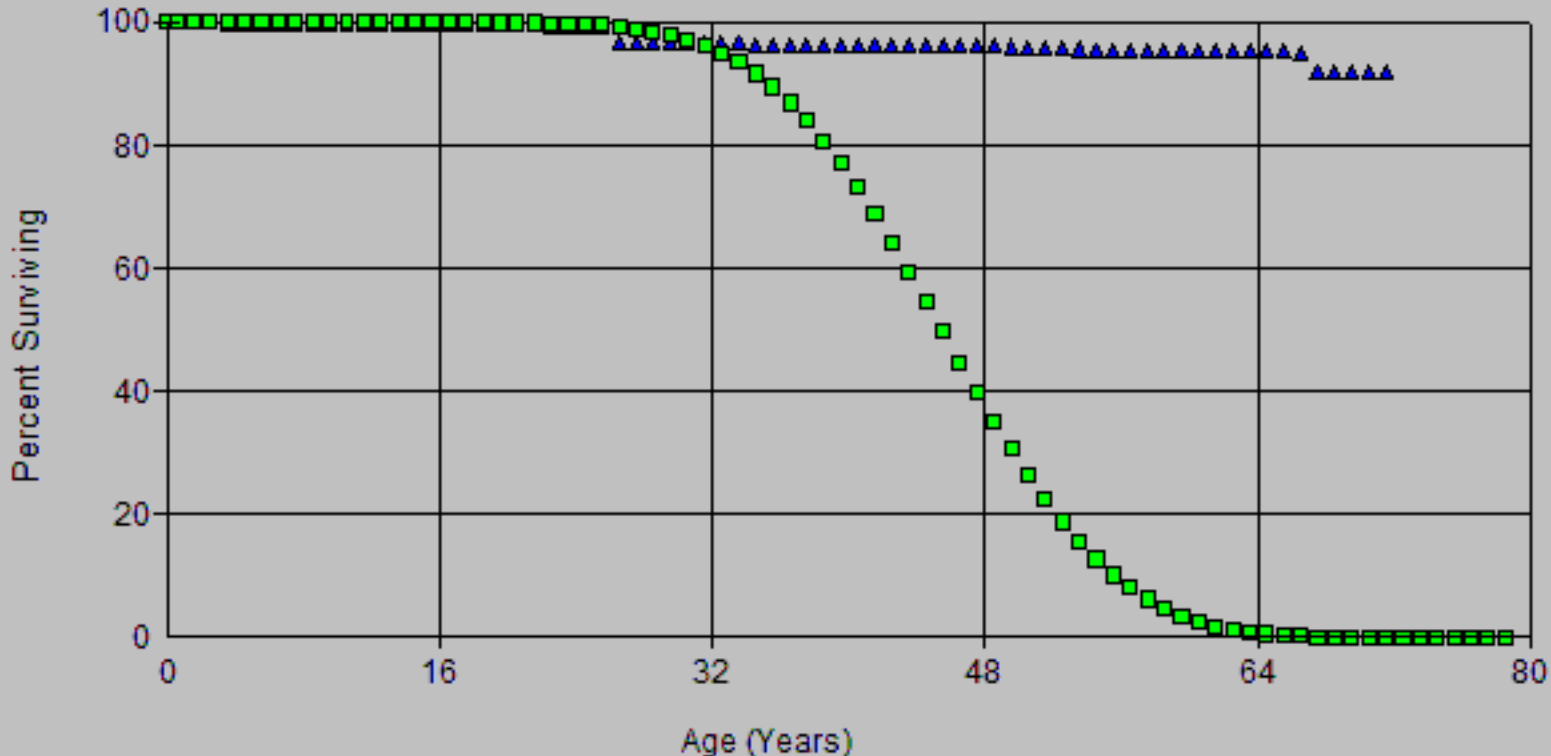


Account: G367.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC APP
Depreciation

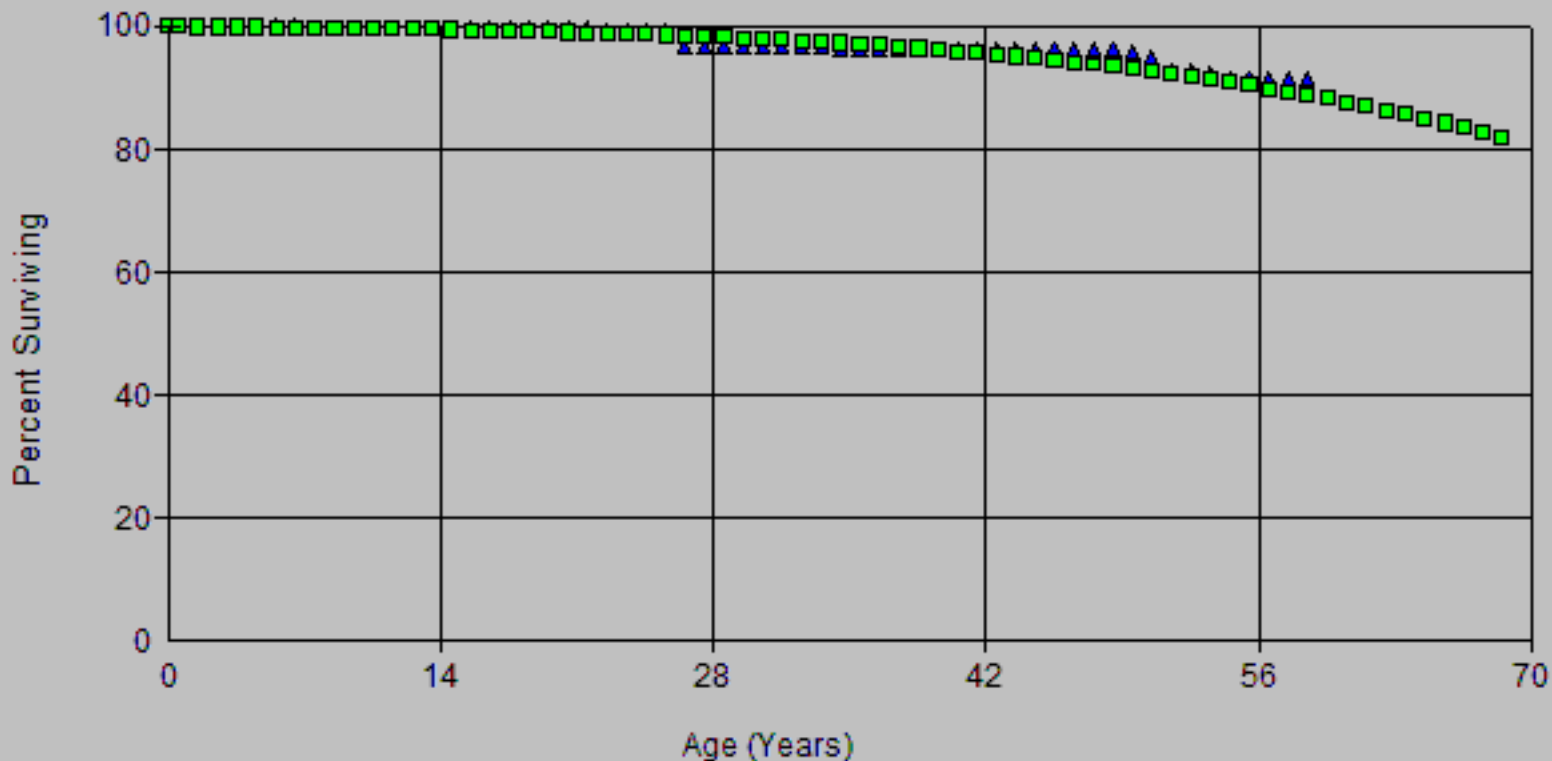
▲ Actual Data

■ S4 45.00



Account: G367.00-Mains
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R3 90.00

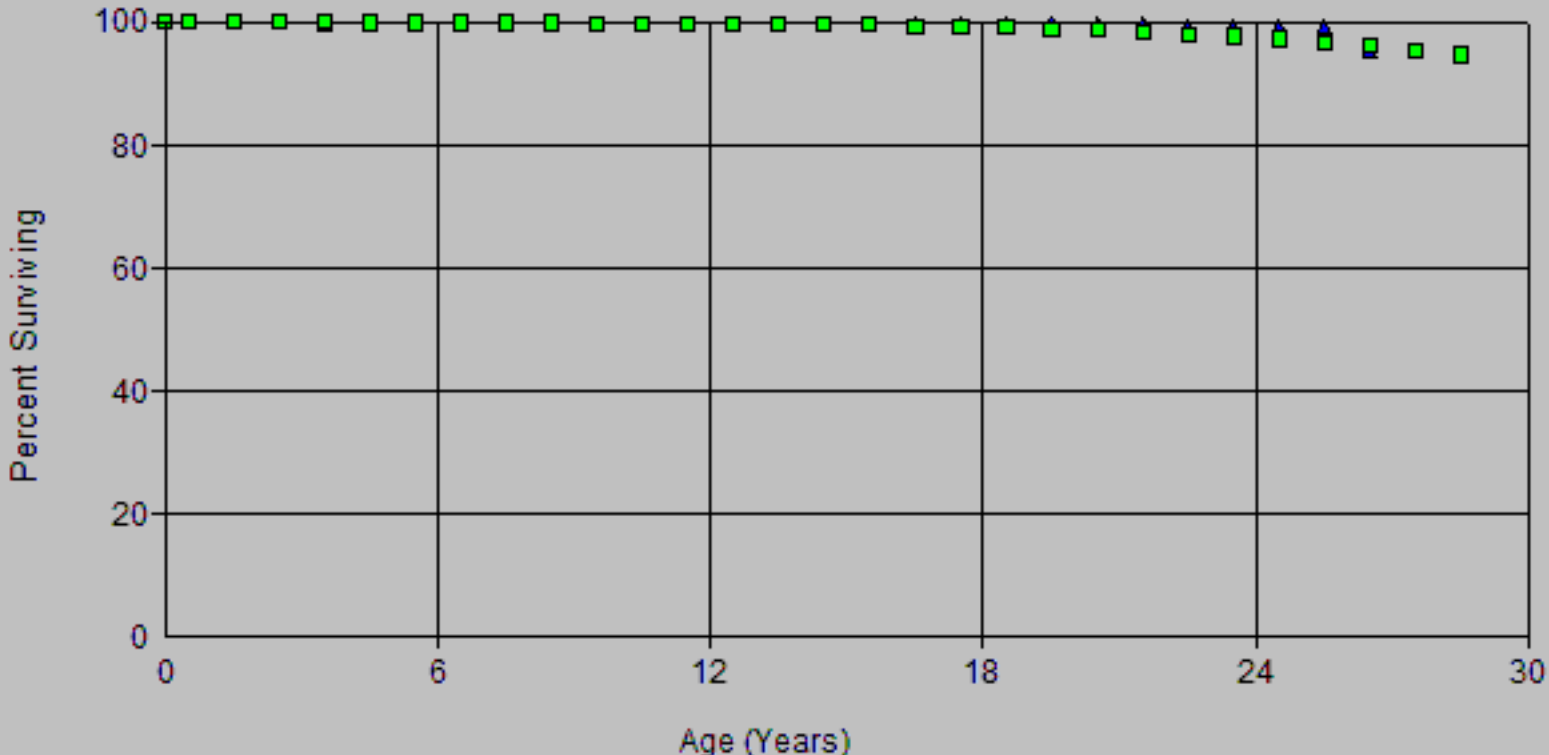


Account: G367.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC APP
Depreciation

▲ Actual Data

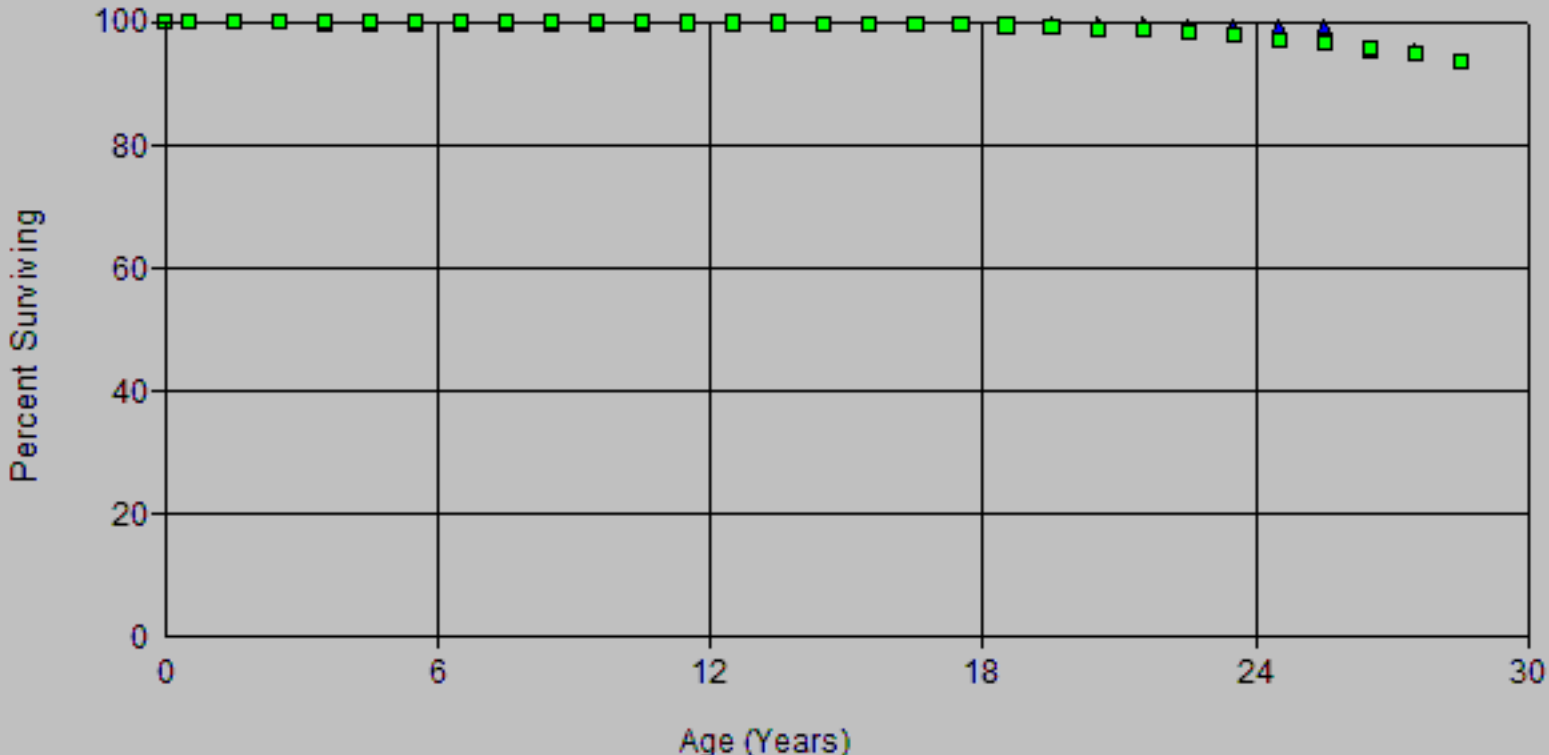
■ R4 45.00



Account: G367.00-Mains
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC APP
 Depreciation

▲ Actual Data ■ S3 45.00



Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G367.00-Mains
Scenario: SDGE Actuarial @ 2020
Placement Band: 1949 - 2003
Function: Survivorship Annual Rate Method
Weighting: Unweighted
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2003	52.5	99.74	0.00001357	S2	203.20
2000 -2004	53.5	99.98	0.00000100	SQ	53.54
2001 -2005	54.5	99.98	0.00000104	SQ	54.54
2002 -2006		1.00			
2003 -2007		1.00			
2004 -2008		1.00			
2005 -2009		1.00			
2006 -2010		1.00			
2007 -2011		1.00			
2008 -2012		1.00			
2009 -2013	62.5	97.19	0.01071010	R2	192.02
2010 -2014	63.5	97.36	0.00994420	R2	202.15
2011 -2015	64.5	94.82	0.00128173	S0	253.61
2012 -2016	65.5	90.51	0.00329342	L2.5	125.90
2013 -2017	66.5	90.26	0.00382562	R3	115.30
2014 -2018	67.5	92.11	0.00188254	L2.5	134.95
2015 -2019	68.5	90.83	0.00225858	L2.5	126.41
2016 -2020	69.5	87.39	0.01512349	R0.5	209.09

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G367.00-Mains

Scenario: SDGE Actuarial @ 2020

Placement Band: 1949 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

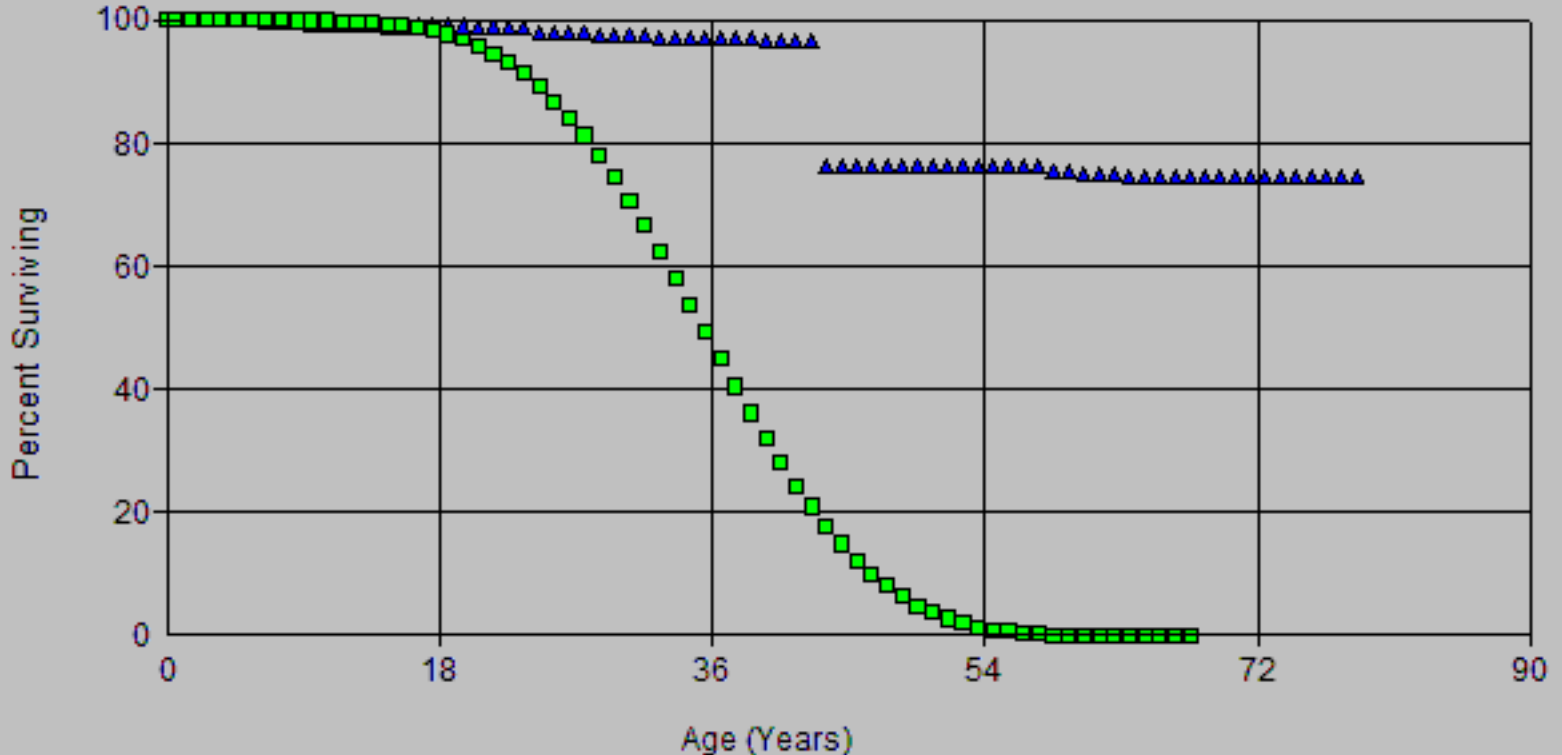
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2020	71.5	91.95	0.00554504	R2	182.47
2004 -2020	71.5	91.53	0.00581740	R1.5	241.87
2009 -2020	71.5	89.60	0.00711704	R1	222.55
2014 -2020	71.5	86.43	0.00668362	R0.5	218.56
2019 -2020	71.5	81.01	0.20214014	R0.5	112.57

Account: G368.00 Compressor Statn Eq
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRN AFF
Depreciation

▲ Actual Data

■ S3 35.00

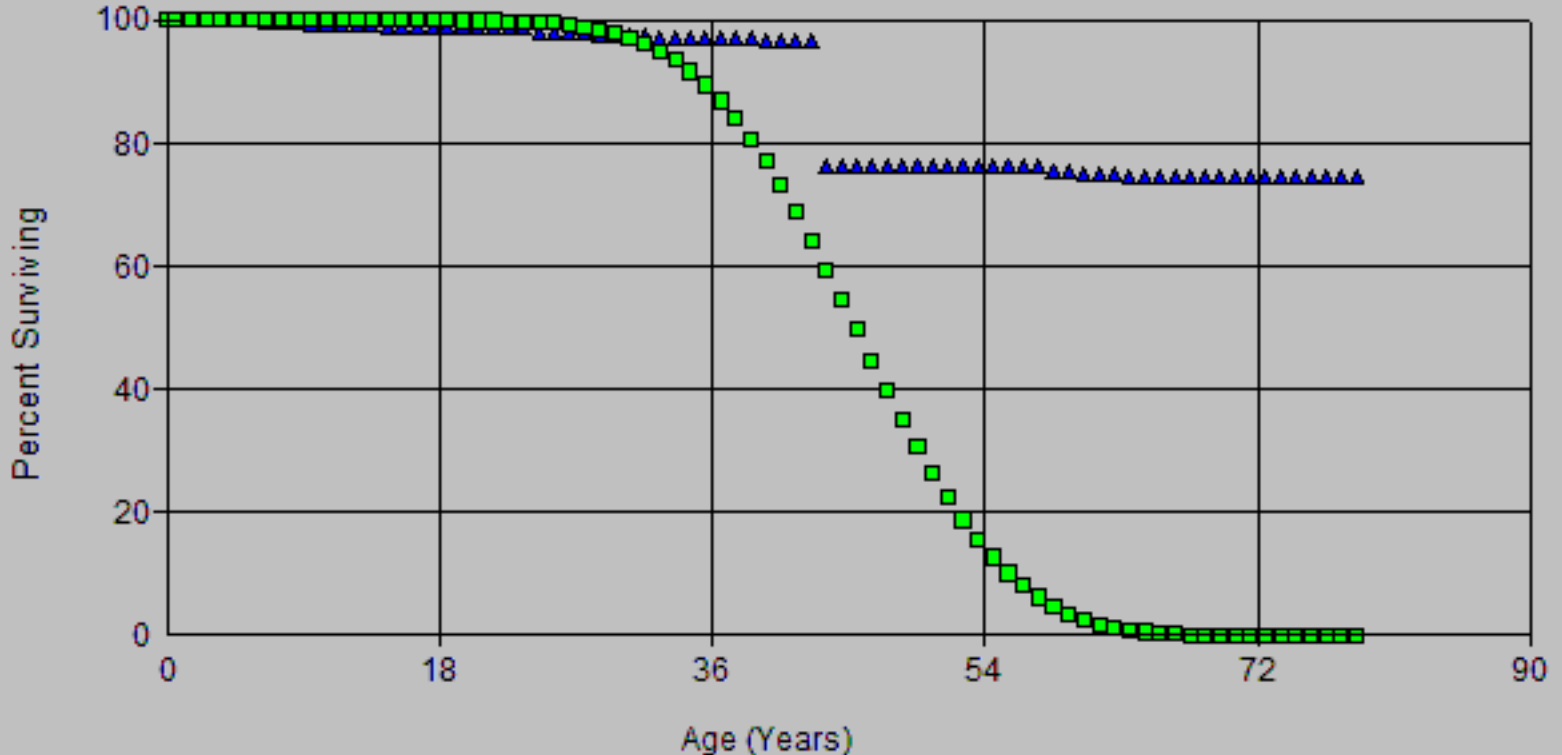


Account: G368.00-Compressor Statn Eq
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GND AFF
Depreciation

▲ Actual Data

■ S4 45.00

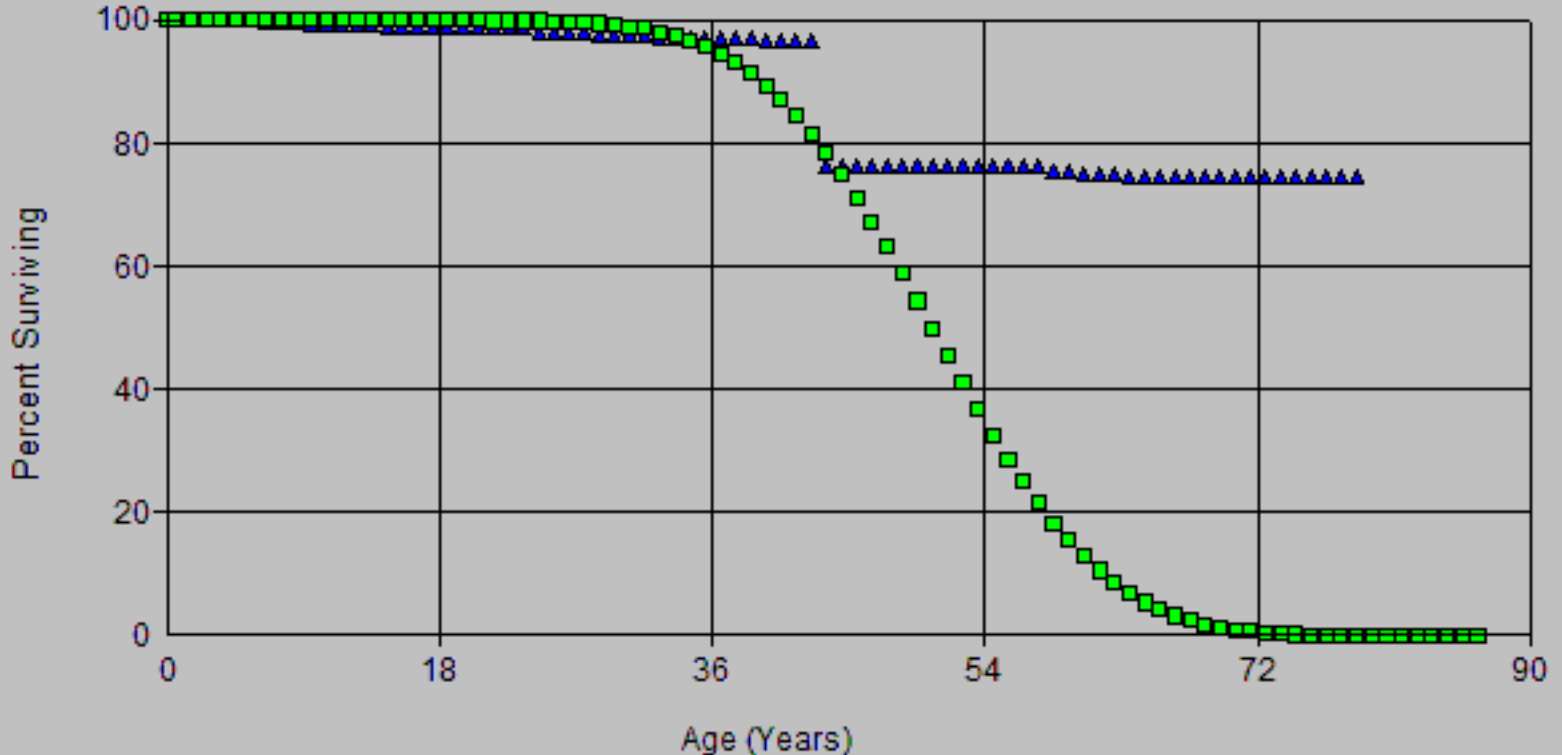


Account: G368.00-Compressor Statn Eq
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRN / AFR
Depreciation

▲ Actual Data

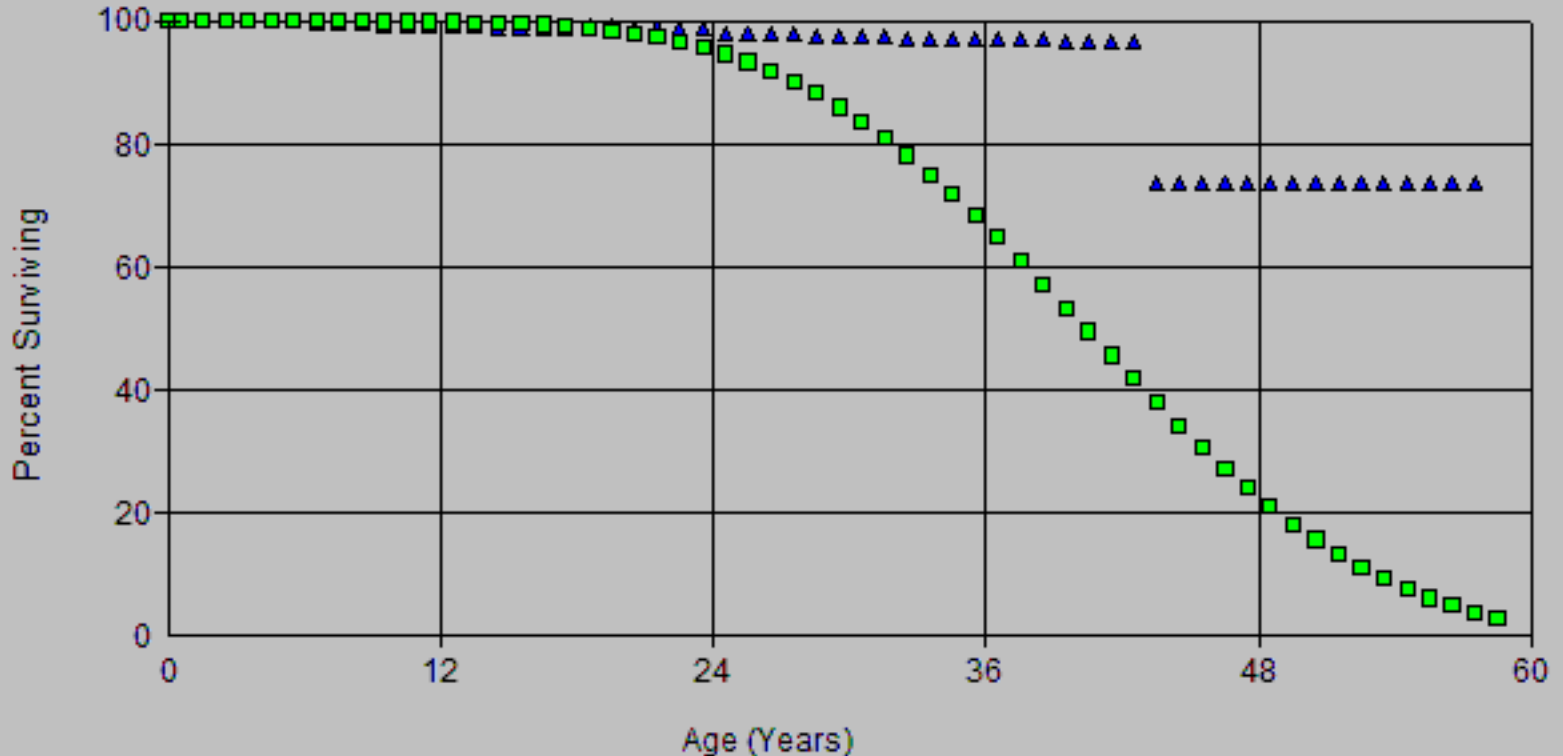
■ S4 50.00



Account: G368.00 Compressor Statn Eq
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRN / AFR
 Depreciation

▲ Actual Data ■ S3 40.00

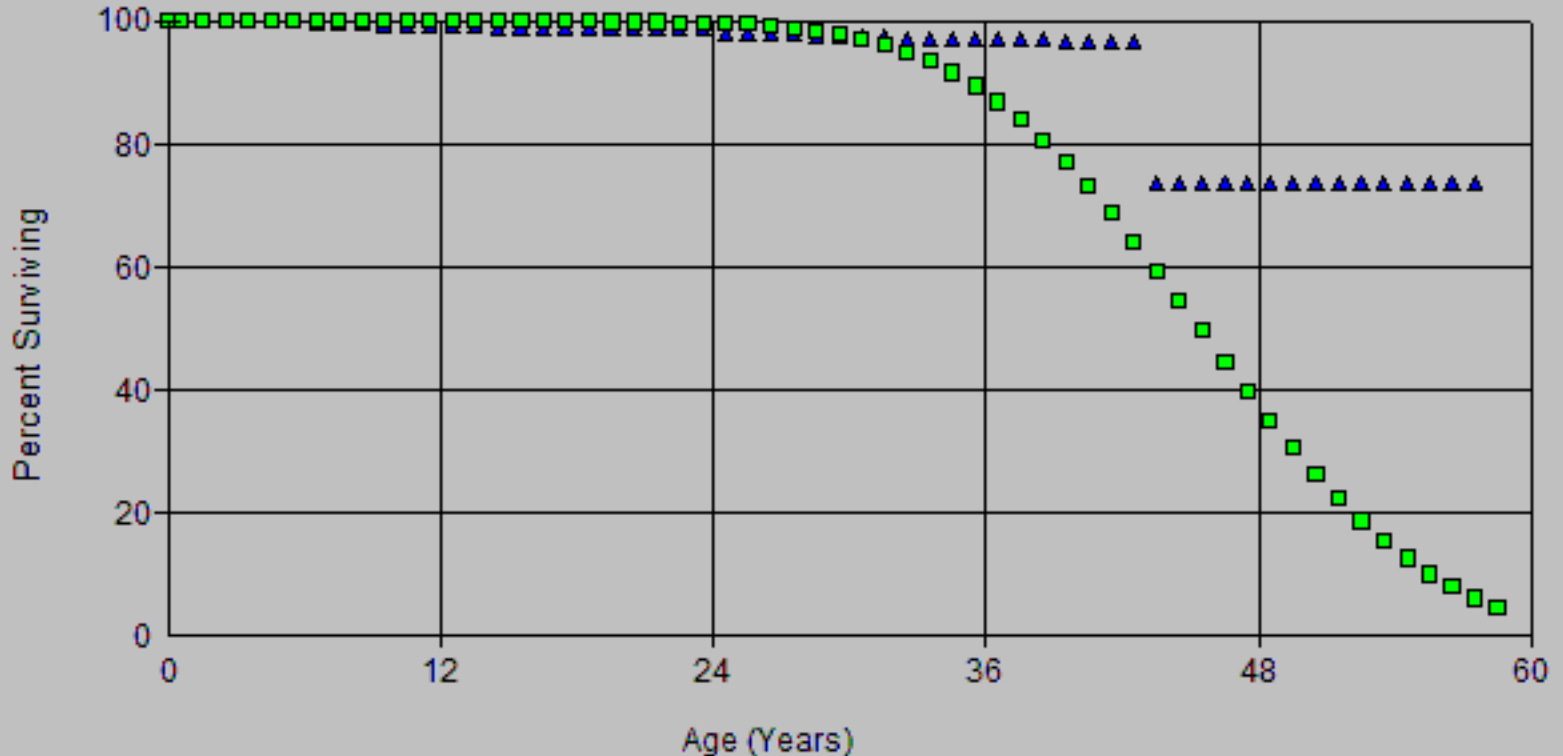


Account: G368.00 Compressor Statn Eq
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRN AFF
 Depreciation

▲ Actual Data

■ S4 45.00

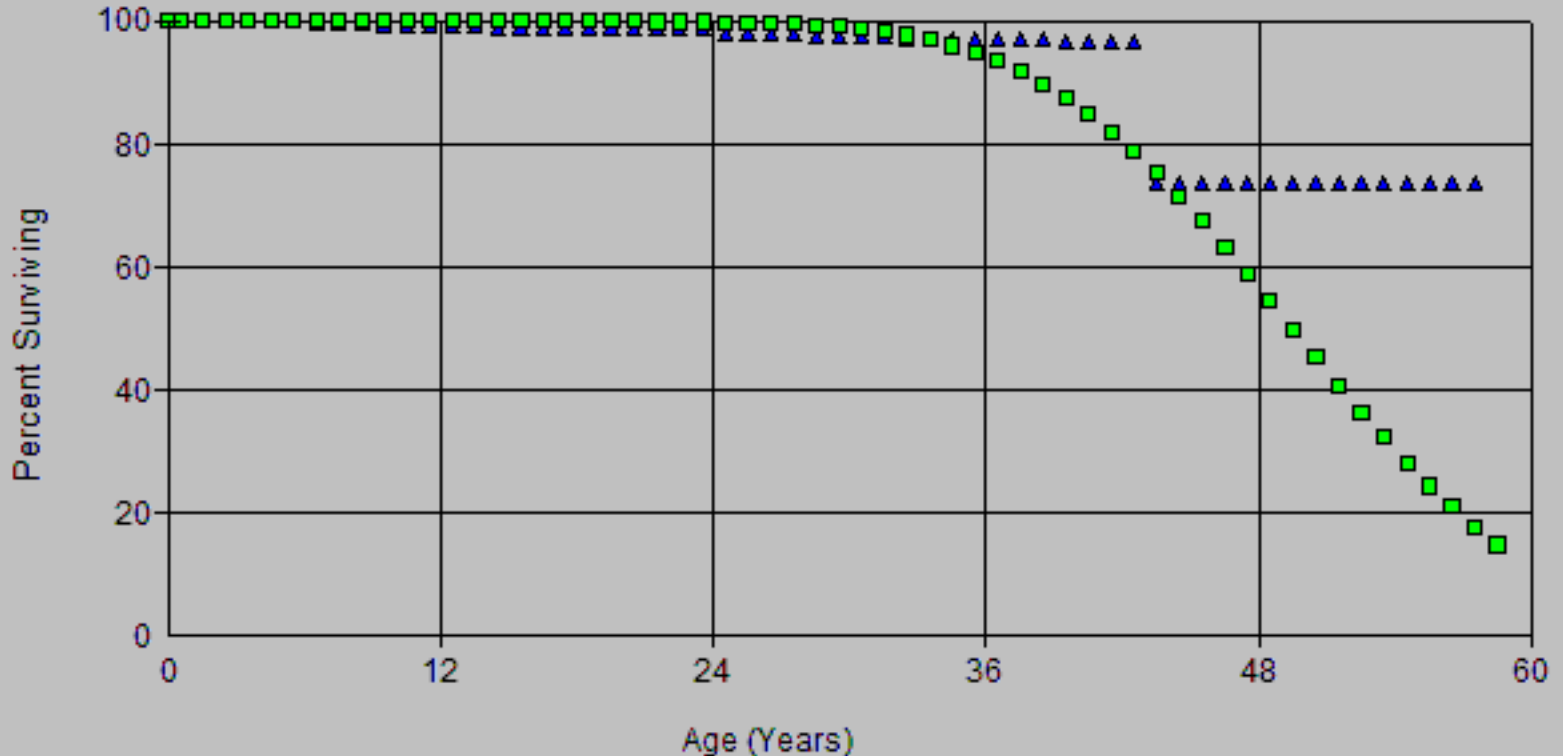


Account: G368.00-Compressor Statn Eq
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRN / AFR
 Depreciation

▲ Actual Data

■ S4 49.00

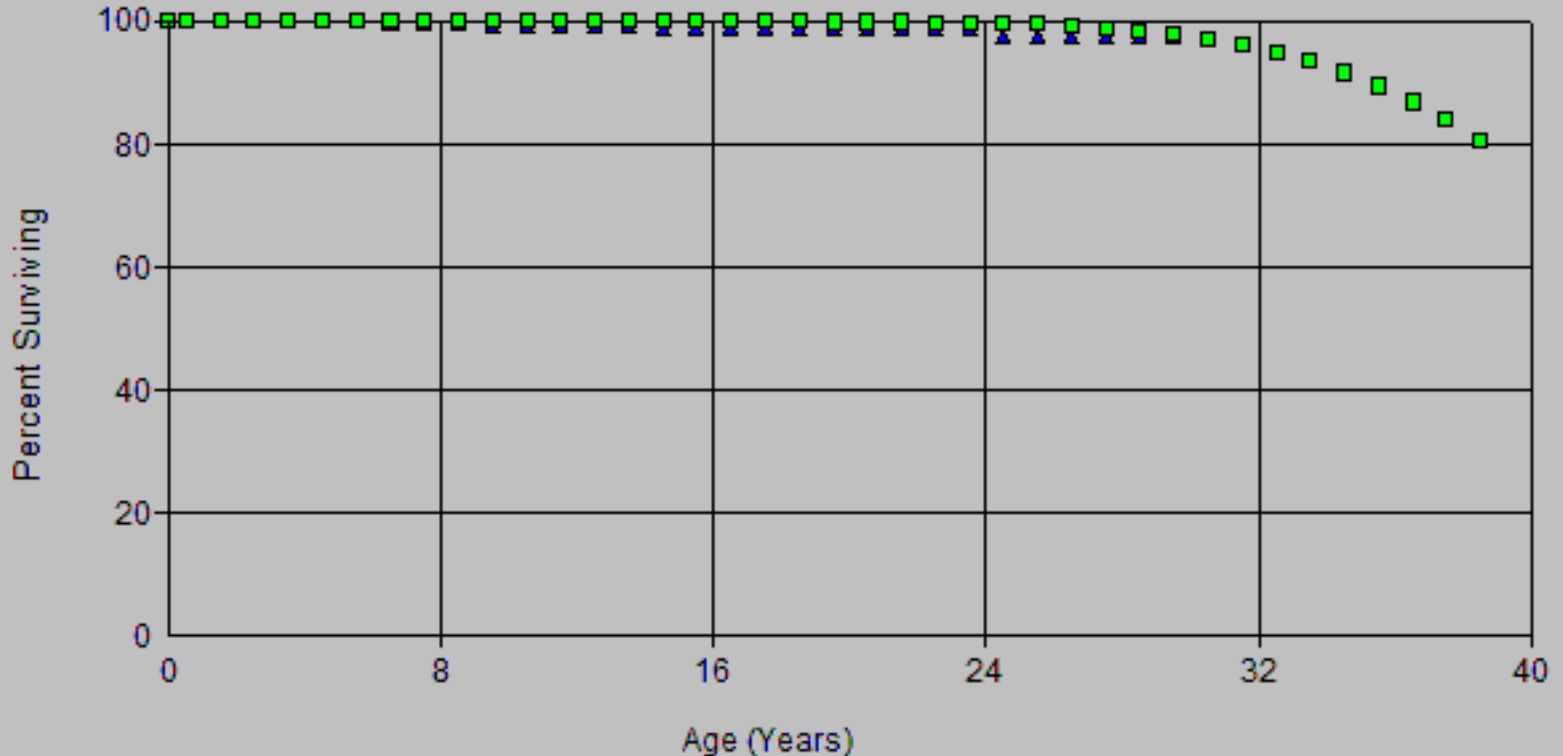


Account: G368.00-Compressor Statn Eq
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRN AFF
Depreciation

▲ Actual Data

■ S4 45.00



Scenario: SDGE Actuarial @ 2020

Account: G368.00-Compressor Statn Eq

Placement Band: 1942 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	55,292,964.06	0.00	0.00000	1.00000	100.00
0.5	50,653,153.98	0.00	0.00000	1.00000	100.00
1.5	50,831,301.93	0.00	0.00000	1.00000	100.00
2.5	50,038,710.71	0.00	0.00000	1.00000	100.00
3.5	50,011,755.21	0.00	0.00000	1.00000	100.00
4.5	47,279,131.92	0.00	0.00000	1.00000	100.00
5.5	47,781,021.23	64,687.15	0.00135	0.99865	100.00
6.5	46,742,115.25	0.00	0.00000	1.00000	99.87
7.5	64,242,027.18	92,208.81	0.00144	0.99856	99.87
8.5	61,768,318.07	104,679.64	0.00169	0.99831	99.72
9.5	57,049,903.44	0.00	0.00000	1.00000	99.55
10.5	52,883,348.31	47,700.16	0.00090	0.99910	99.55
11.5	58,036,989.88	0.00	0.00000	1.00000	99.46
12.5	57,411,936.68	1,625.12	0.00003	0.99997	99.46
13.5	57,187,589.22	167,429.92	0.00293	0.99707	99.46
14.5	56,788,014.51	0.00	0.00000	1.00000	99.17
15.5	55,826,082.29	0.00	0.00000	1.00000	99.17
16.5	54,746,342.44	0.00	0.00000	1.00000	99.17
17.5	51,804,578.36	0.00	0.00000	1.00000	99.17
18.5	47,423,450.84	0.00	0.00000	1.00000	99.17
19.5	45,491,549.66	25,233.73	0.00055	0.99945	99.17
20.5	43,451,337.77	0.00	0.00000	1.00000	99.11
21.5	42,964,118.48	0.00	0.00000	1.00000	99.11
22.5	42,924,722.87	497.31	0.00001	0.99999	99.11
23.5	40,031,905.14	443,245.72	0.01107	0.98893	99.11
24.5	39,303,140.00	0.00	0.00000	1.00000	98.02
25.5	38,461,748.03	0.00	0.00000	1.00000	98.02
26.5	36,183,191.43	25,626.40	0.00071	0.99929	98.02
27.5	34,848,600.25	131,612.88	0.00378	0.99622	97.95
28.5	33,762,189.53	4,985.00	0.00015	0.99985	97.58
29.5	15,052,895.86	2,088.56	0.00014	0.99986	97.56
30.5	14,452,188.61	0.00	0.00000	1.00000	97.55
31.5	14,286,011.25	66,919.40	0.00468	0.99532	97.55
32.5	14,104,074.52	0.00	0.00000	1.00000	97.09
33.5	1,934,428.10	0.00	0.00000	1.00000	97.09
34.5	1,901,033.88	0.00	0.00000	1.00000	97.09
35.5	2,033,300.32	0.00	0.00000	1.00000	97.09
36.5	1,942,268.26	0.00	0.00000	1.00000	97.09
37.5	1,942,268.26	0.00	0.00000	1.00000	97.09
38.5	1,890,563.07	3,087.10	0.00163	0.99837	97.09
39.5	1,787,628.09	0.00	0.00000	1.00000	96.93
40.5	1,789,498.55	0.00	0.00000	1.00000	96.93
41.5	1,953,914.71	462.13	0.00024	0.99976	96.93
42.5	1,957,452.90	412,630.64	0.21080	0.78920	96.91
43.5	1,925,106.25	353.17	0.00018	0.99982	76.48
44.5	1,975,527.77	0.00	0.00000	1.00000	76.47
45.5	1,975,527.77	0.00	0.00000	1.00000	76.47
46.5	2,331,404.10	3,182.12	0.00136	0.99864	76.47
47.5	2,311,964.37	0.00	0.00000	1.00000	76.36
48.5	1,265,785.44	0.00	0.00000	1.00000	76.36
49.5	1,265,785.44	0.00	0.00000	1.00000	76.36
50.5	1,262,232.89	0.00	0.00000	1.00000	76.36
51.5	1,260,677.89	0.00	0.00000	1.00000	76.36
52.5	1,253,014.78	0.00	0.00000	1.00000	76.36

Scenario: SDGE Actuarial @ 2020

Account: G368.00-Compressor Statn Eq

Placement Band: 1942 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,253,014.78	0.00	0.00000	1.00000	76.36
54.5	1,251,167.16	0.00	0.00000	1.00000	76.36
55.5	1,249,388.86	146.25	0.00012	0.99988	76.36
56.5	1,307,623.06	756.36	0.00058	0.99942	76.35
57.5	1,174,156.73	11,320.27	0.00964	0.99036	76.31
58.5	1,162,836.46	0.00	0.00000	1.00000	75.57
59.5	1,162,836.46	7,311.95	0.00629	0.99371	75.57
60.5	1,155,524.51	0.00	0.00000	1.00000	75.10
61.5	1,153,111.07	0.00	0.00000	1.00000	75.10
62.5	1,151,240.61	7,482.82	0.00650	0.99350	75.10
63.5	933,353.78	0.00	0.00000	1.00000	74.61
64.5	929,353.46	0.00	0.00000	1.00000	74.61
65.5	486,180.89	0.00	0.00000	1.00000	74.61
66.5	431,257.34	0.00	0.00000	1.00000	74.61
67.5	431,257.34	0.00	0.00000	1.00000	74.61
68.5	59,656.88	0.00	0.00000	1.00000	74.61
69.5	59,656.88	0.00	0.00000	1.00000	74.61
70.5	59,656.88	0.00	0.00000	1.00000	74.61
71.5	59,656.88	0.00	0.00000	1.00000	74.61
72.5	59,656.88	0.00	0.00000	1.00000	74.61
73.5	59,656.88	0.00	0.00000	1.00000	74.61
74.5	59,656.88	0.00	0.00000	1.00000	74.61
75.5	59,656.88	0.00	0.00000	1.00000	74.61
76.5	59,656.88	0.00	0.00000	1.00000	74.61
77.5	59,656.88	0.00	0.00000	1.00000	74.61
78.5	0.00	0.00	0.00000	0.00000	74.61

Scenario: SDGE Actuarial @ 2020

Account: G368.00-Compressor Statn Eq

Placement Band: 1961 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	55,292,964.06	0.00	0.00000	1.00000	100.00
0.5	50,653,153.98	0.00	0.00000	1.00000	100.00
1.5	50,831,301.93	0.00	0.00000	1.00000	100.00
2.5	50,038,710.71	0.00	0.00000	1.00000	100.00
3.5	50,011,755.21	0.00	0.00000	1.00000	100.00
4.5	47,279,131.92	0.00	0.00000	1.00000	100.00
5.5	47,781,021.23	64,687.15	0.00135	0.99865	100.00
6.5	46,742,115.25	0.00	0.00000	1.00000	99.87
7.5	64,242,027.18	92,208.81	0.00144	0.99856	99.87
8.5	61,768,318.07	104,679.64	0.00169	0.99831	99.72
9.5	57,049,903.44	0.00	0.00000	1.00000	99.55
10.5	52,883,348.31	47,700.16	0.00090	0.99910	99.55
11.5	58,036,989.88	0.00	0.00000	1.00000	99.46
12.5	57,411,936.68	1,625.12	0.00003	0.99997	99.46
13.5	57,187,589.22	167,429.92	0.00293	0.99707	99.46
14.5	56,788,014.51	0.00	0.00000	1.00000	99.17
15.5	55,826,082.29	0.00	0.00000	1.00000	99.17
16.5	54,746,342.44	0.00	0.00000	1.00000	99.17
17.5	51,804,578.36	0.00	0.00000	1.00000	99.17
18.5	47,423,450.84	0.00	0.00000	1.00000	99.17
19.5	45,491,549.66	25,233.73	0.00055	0.99945	99.17
20.5	43,451,337.77	0.00	0.00000	1.00000	99.11
21.5	42,964,118.48	0.00	0.00000	1.00000	99.11
22.5	42,924,722.87	497.31	0.00001	0.99999	99.11
23.5	40,031,905.14	443,245.72	0.01107	0.98893	99.11
24.5	39,303,140.00	0.00	0.00000	1.00000	98.02
25.5	38,461,748.03	0.00	0.00000	1.00000	98.02
26.5	36,183,191.43	25,626.40	0.00071	0.99929	98.02
27.5	34,848,600.25	131,612.88	0.00378	0.99622	97.95
28.5	33,762,189.53	4,985.00	0.00015	0.99985	97.58
29.5	15,052,895.86	2,088.56	0.00014	0.99986	97.56
30.5	14,452,188.61	0.00	0.00000	1.00000	97.55
31.5	14,286,011.25	66,919.40	0.00468	0.99532	97.55
32.5	14,104,074.52	0.00	0.00000	1.00000	97.09
33.5	1,934,428.10	0.00	0.00000	1.00000	97.09
34.5	1,901,033.88	0.00	0.00000	1.00000	97.09
35.5	2,033,300.32	0.00	0.00000	1.00000	97.09
36.5	1,942,268.26	0.00	0.00000	1.00000	97.09
37.5	1,942,268.26	0.00	0.00000	1.00000	97.09
38.5	1,890,563.07	3,087.10	0.00163	0.99837	97.09
39.5	1,785,214.65	0.00	0.00000	1.00000	96.93
40.5	1,785,214.65	0.00	0.00000	1.00000	96.93
41.5	1,727,580.42	0.00	0.00000	1.00000	96.93
42.5	1,727,580.42	412,630.64	0.23885	0.76115	96.93
43.5	1,241,213.96	0.00	0.00000	1.00000	73.78
44.5	1,236,308.74	0.00	0.00000	1.00000	73.78
45.5	1,236,308.74	0.00	0.00000	1.00000	73.78
46.5	1,212,965.77	0.00	0.00000	1.00000	73.78
47.5	1,196,708.16	0.00	0.00000	1.00000	73.78
48.5	150,529.23	0.00	0.00000	1.00000	73.78
49.5	150,529.23	0.00	0.00000	1.00000	73.78
50.5	146,976.68	0.00	0.00000	1.00000	73.78
51.5	145,421.68	0.00	0.00000	1.00000	73.78
52.5	137,758.57	0.00	0.00000	1.00000	73.78

Scenario: SDGE Actuarial @ 2020

Account: G368.00-Compressor Statn Eq

Placement Band: 1961 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	137,758.57	0.00	0.00000	1.00000	73.78
54.5	135,910.95	0.00	0.00000	1.00000	73.78
55.5	134,132.65	146.25	0.00109	0.99891	73.78
56.5	132,709.97	0.00	0.00000	1.00000	73.70
57.5	0.00	0.00	0.00000	0.00000	73.70

Scenario: SDGE Actuarial @ 2020

Account: G368.00-Compressor Statn Eq

Placement Band: 1991 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	55,292,964.06	0.00	0.00000	1.00000	100.00
0.5	50,653,153.98	0.00	0.00000	1.00000	100.00
1.5	50,831,301.93	0.00	0.00000	1.00000	100.00
2.5	50,038,710.71	0.00	0.00000	1.00000	100.00
3.5	50,011,755.21	0.00	0.00000	1.00000	100.00
4.5	47,279,131.92	0.00	0.00000	1.00000	100.00
5.5	47,781,021.23	64,687.15	0.00135	0.99865	100.00
6.5	46,742,115.25	0.00	0.00000	1.00000	99.87
7.5	64,242,027.18	92,208.81	0.00144	0.99856	99.87
8.5	61,162,036.27	104,679.64	0.00171	0.99829	99.72
9.5	56,277,444.28	0.00	0.00000	1.00000	99.55
10.5	51,994,024.20	47,700.16	0.00092	0.99908	99.55
11.5	44,638,075.61	0.00	0.00000	1.00000	99.46
12.5	43,978,351.76	1,625.12	0.00004	0.99996	99.46
13.5	43,753,414.52	139,159.35	0.00318	0.99682	99.45
14.5	43,291,078.32	0.00	0.00000	1.00000	99.14
15.5	42,329,146.10	0.00	0.00000	1.00000	99.14
16.5	41,197,701.06	0.00	0.00000	1.00000	99.14
17.5	38,153,675.66	0.00	0.00000	1.00000	99.14
18.5	33,772,548.14	0.00	0.00000	1.00000	99.14
19.5	31,783,012.73	25,233.73	0.00079	0.99921	99.14
20.5	29,742,800.84	0.00	0.00000	1.00000	99.06
21.5	29,181,845.73	0.00	0.00000	1.00000	99.06
22.5	29,137,047.59	0.00	0.00000	1.00000	99.06
23.5	26,244,727.17	356,286.32	0.01358	0.98642	99.06
24.5	25,579,578.46	0.00	0.00000	1.00000	97.72
25.5	24,715,720.67	0.00	0.00000	1.00000	97.72
26.5	20,973,178.84	0.00	0.00000	1.00000	97.72
27.5	19,664,214.06	0.00	0.00000	1.00000	97.72
28.5	18,705,863.67	0.00	0.00000	1.00000	97.72
29.5	0.00	0.00	0.00000	0.00000	97.72

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G368.00-Compressor Statn Eq

Scenario: SDGE Actuarial @ 2020

Placement Band: 1942 - 2003

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2003	56.5	97.22	0.00101887	R2	213.61
2000 -2004	57.5	97.19	0.00321118	R2	197.37
2001 -2005	58.5	95.68	0.00488415	R1.5	209.18
2002 -2006	59.5	94.86	0.00628694	L0.5	256.00
2003 -2007	60.5	99.73	0.00037134	S1.5	260.11
2004 -2008	61.5	99.78	0.00026957	L2.5	255.08
2005 -2009		1.00			
2006 -2010	63.5	99.96	0.00000016	L4	179.76
2007 -2011	64.5	98.89	0.00030717	R3	216.35
2008 -2012	65.5	99.00	0.00035223	R3	221.94
2009 -2013	66.5	96.13	0.00845707	R1.5	245.43
2010 -2014	67.5	96.40	0.00627860	R1.5	265.72
2011 -2015	68.5	65.14	0.21035376	L1.5	80.72
2012 -2016	69.5	65.34	0.21377916	L1	88.94
2013 -2017	70.5	66.04	0.21837008	L1	90.91
2014 -2018	71.5	65.15	0.23130748	L1.5	84.29
2015 -2019	72.5	64.96	0.23621145	L1.5	84.26
2016 -2020	73.5	99.36	0.00037484	R3	273.21

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G368.00-Compressor Statn Eq

Scenario: SDGE Actuarial @ 2020

Placement Band: 1942 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

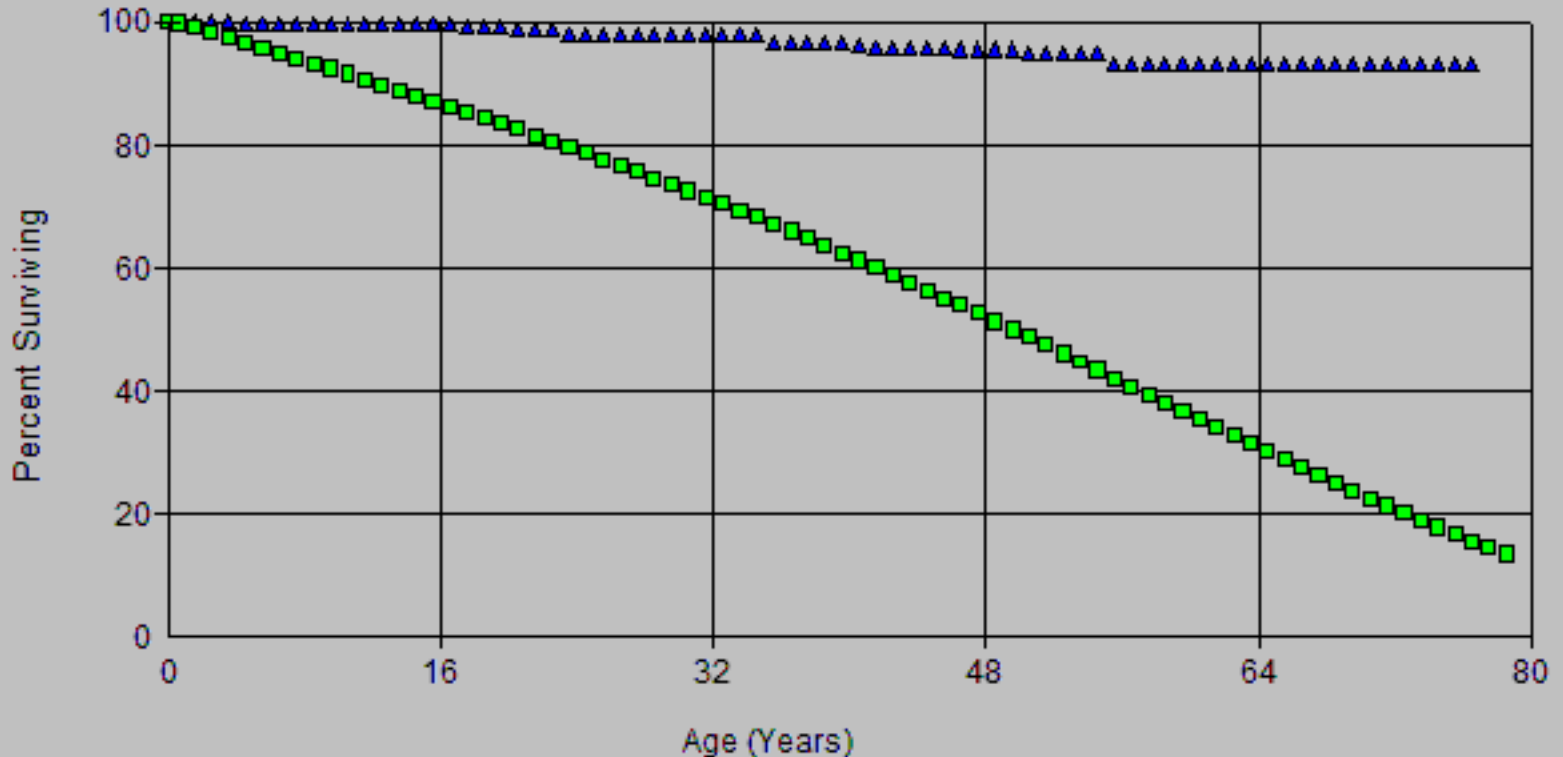
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2020	78.5	74.61	0.19287703	L1	111.31
2004 -2020	78.5	72.20	0.24292092	L1	106.53
2009 -2020	78.5	69.83	0.27483521	L1	100.94
2014 -2020	78.5	66.90	0.26466735	L1	98.39
2019 -2020	78.5	99.35	0.00053984	R3	278.18

Account: G369.00 Meas & Reg Statn Eq
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC APR
 Depreciation

▲ Actual Data ■ R0.5 48.00

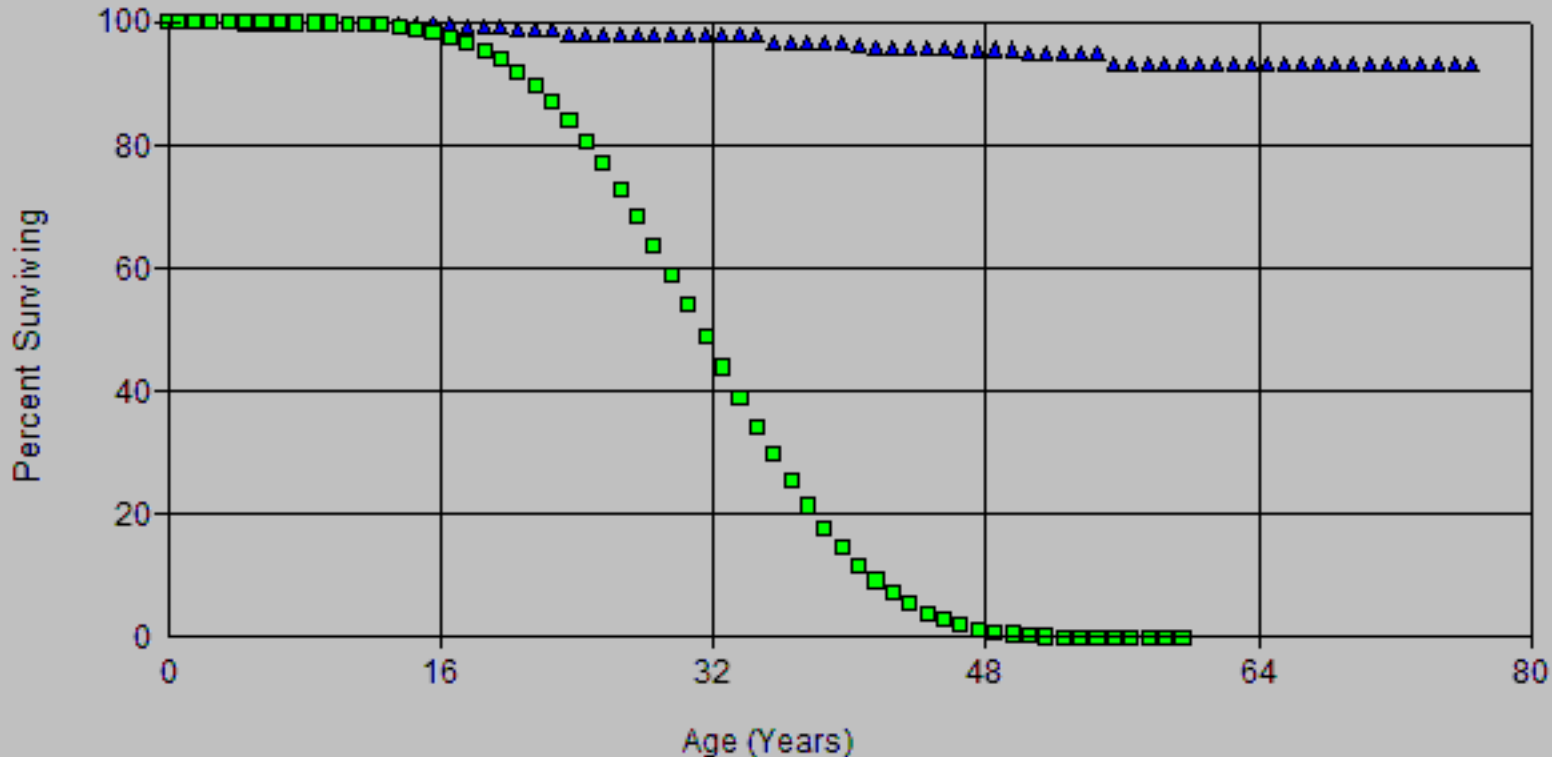


Account: G369.00 Meas & Reg Statn Eq
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC APD
Depreciation

▲ Actual Data

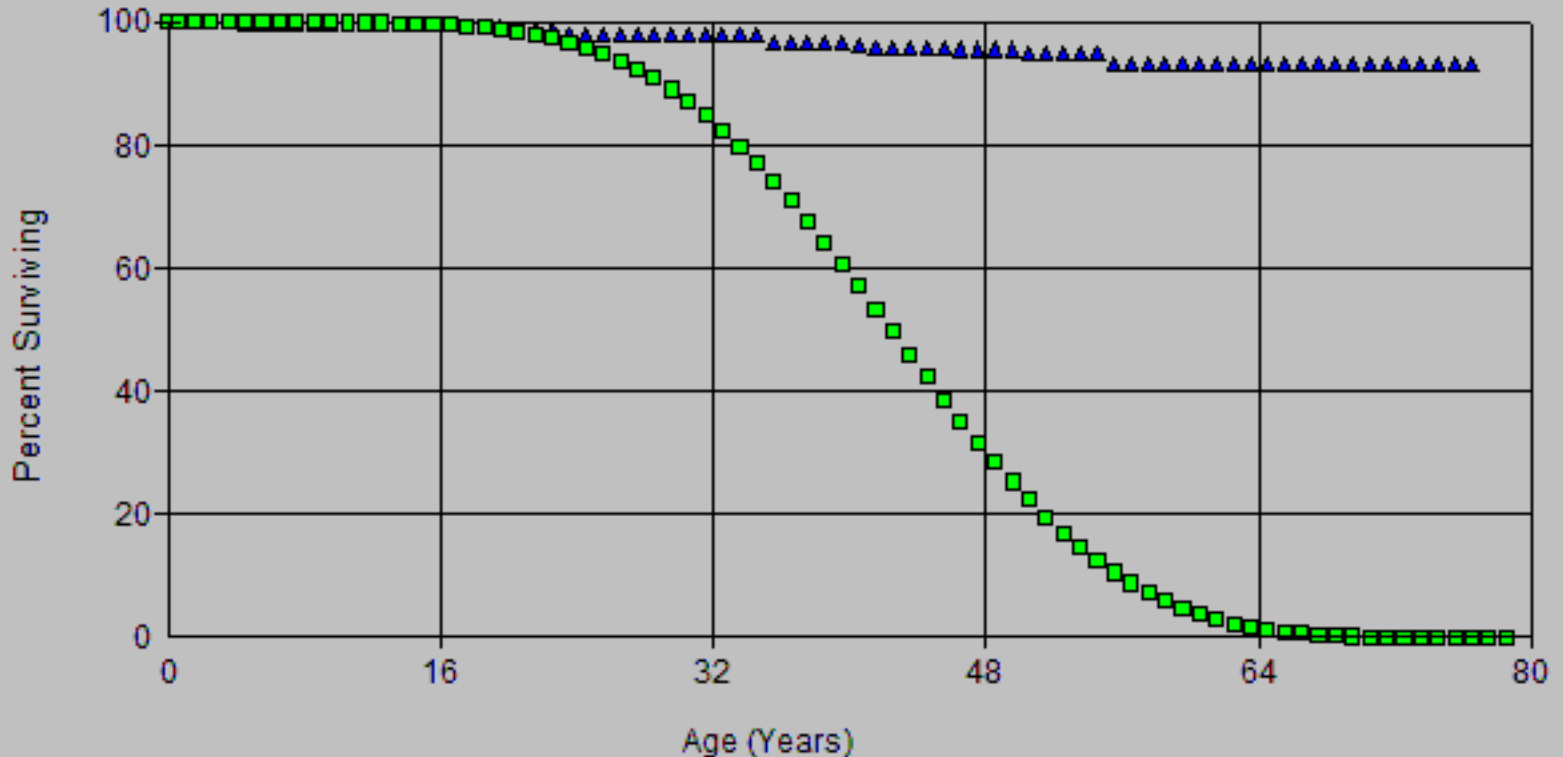
■ S3 31.00



Account: G369.00 Meas & Reg Statn Eq
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRG - APD
Depreciation

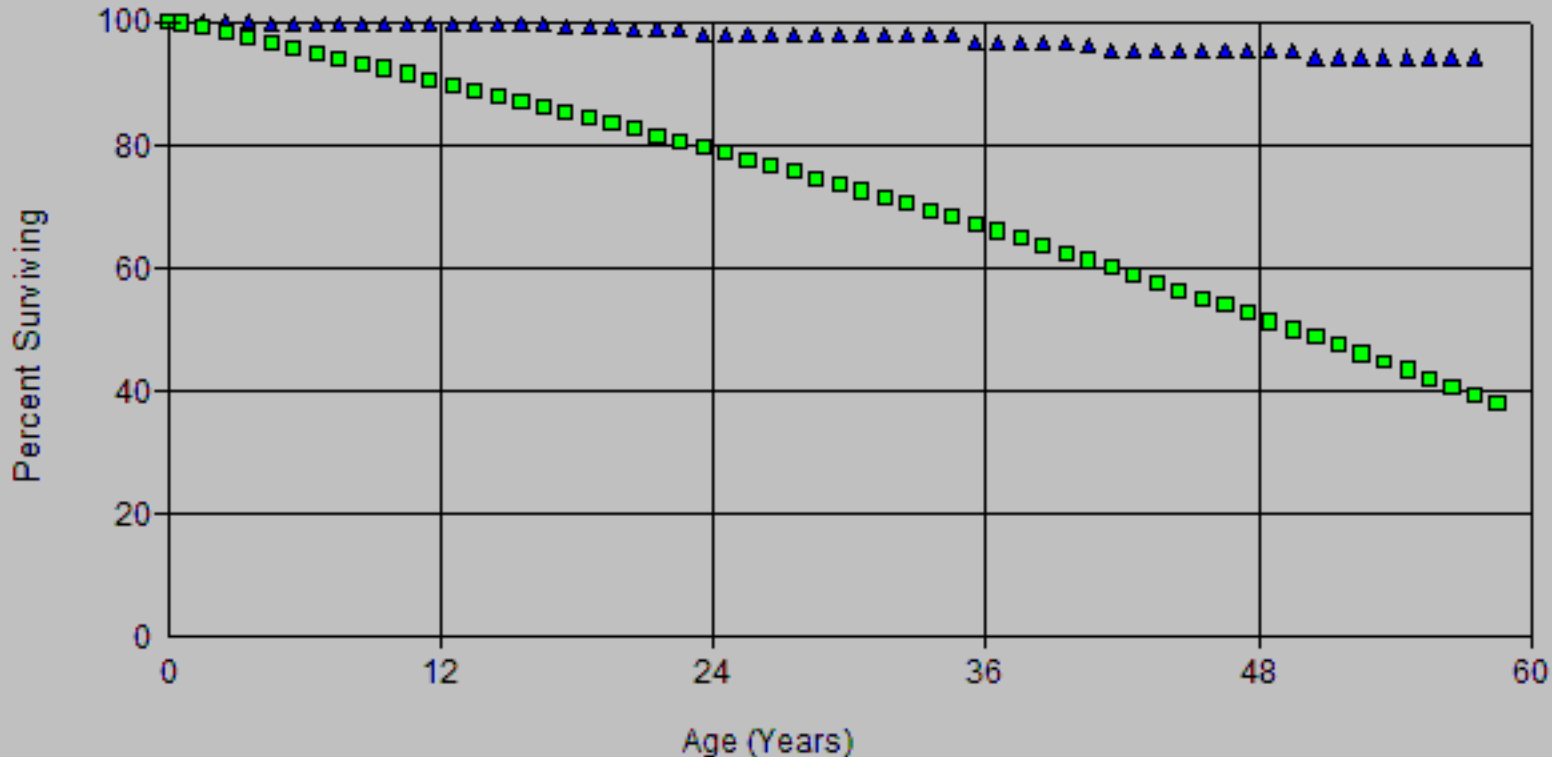
▲ Actual Data ■ S3 42.00



Account: G369.00 Meas & Reg Statn Eq
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC APR
 Depreciation

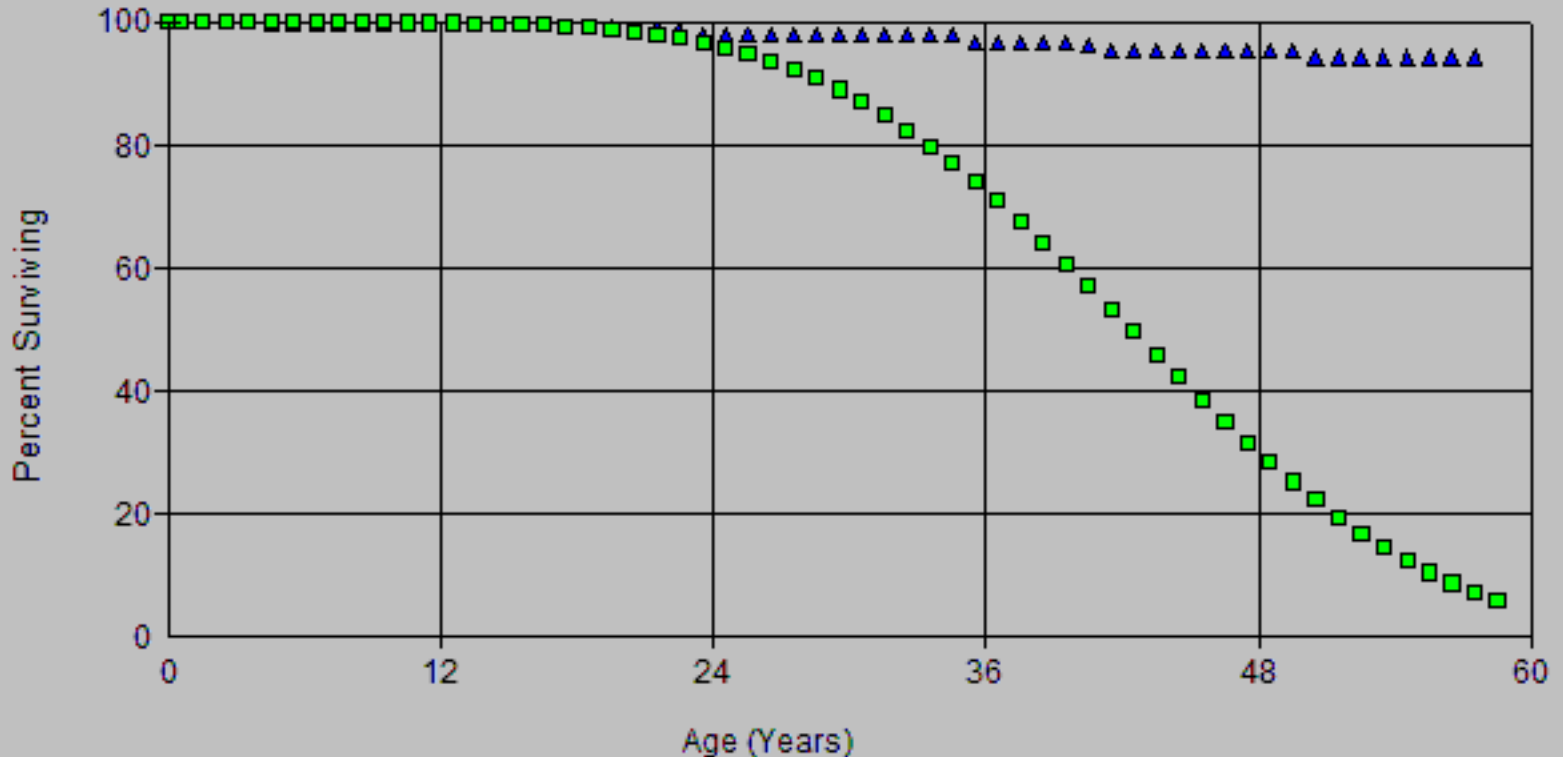
▲ Actual Data ■ R0.5 48.00



Account: G369.00 Meas & Reg Statn Eq
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC APR
Depreciation

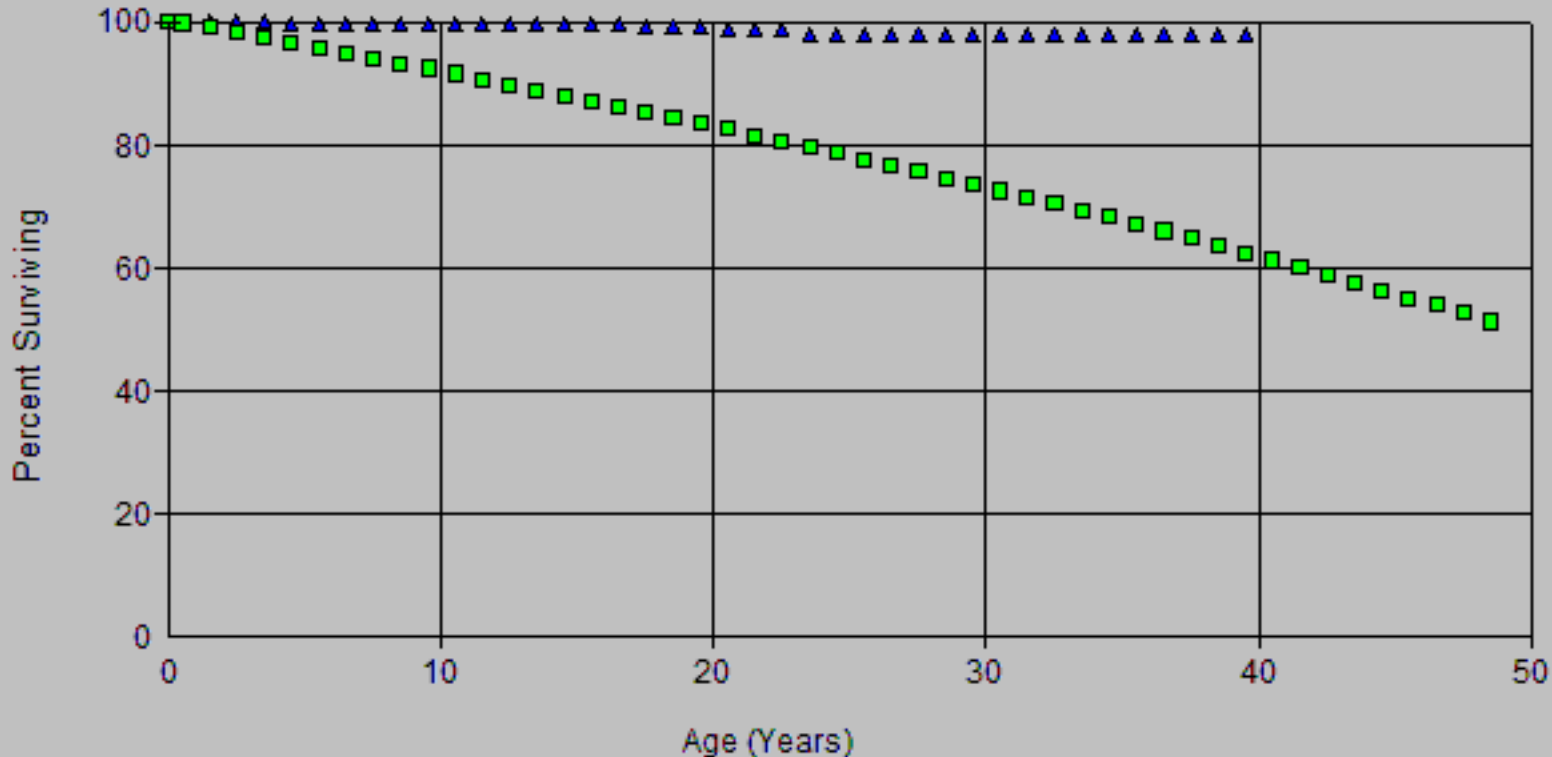
▲ Actual Data ■ S3 42.00



Account: G369.00 Meas & Reg Statn Eq
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRG - APD
Depreciation

▲ Actual Data ■ R0.5 48.00

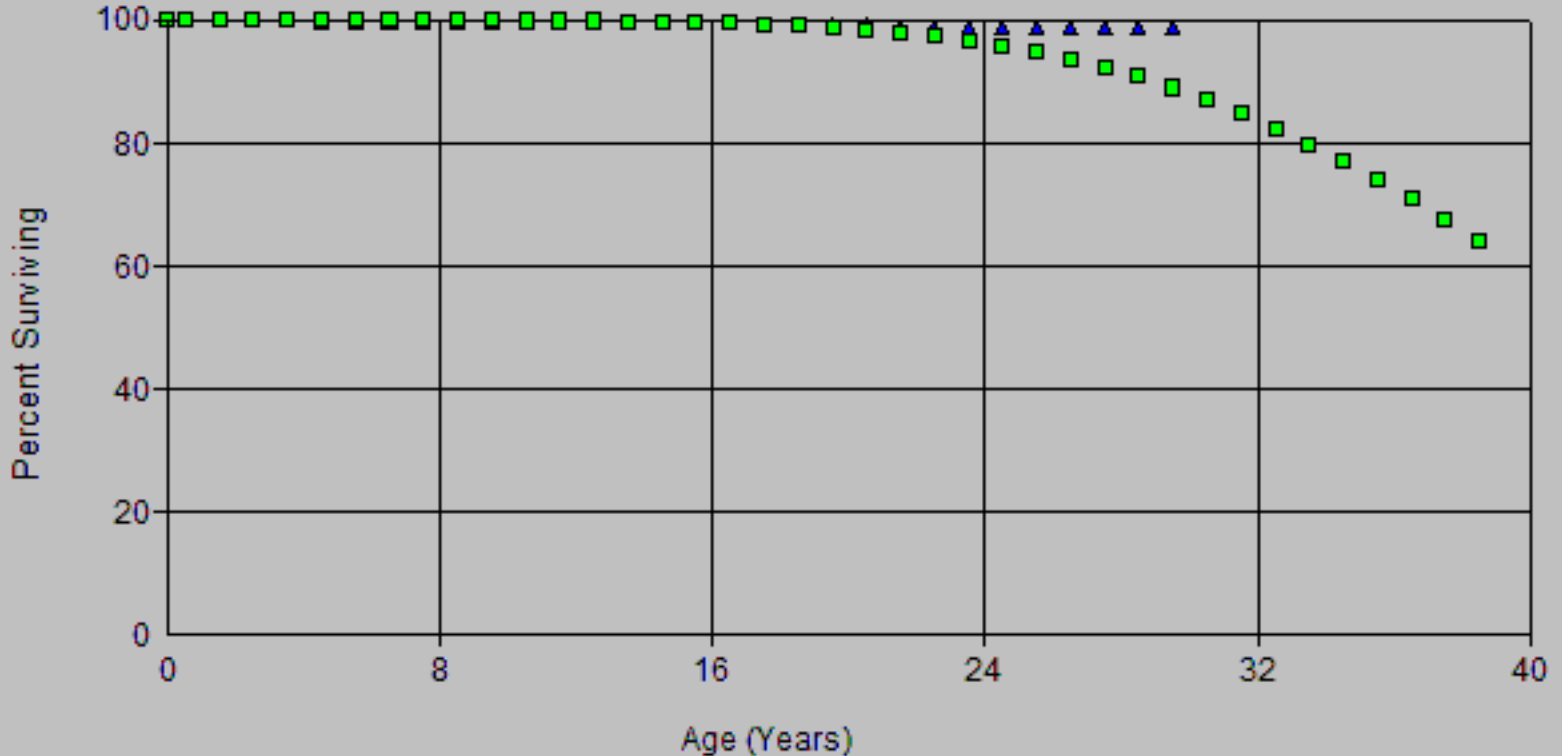


Account: G369.00 Meas & Reg Statn Eq
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC - APD
 Depreciation

▲ Actual Data

■ S3 42.00

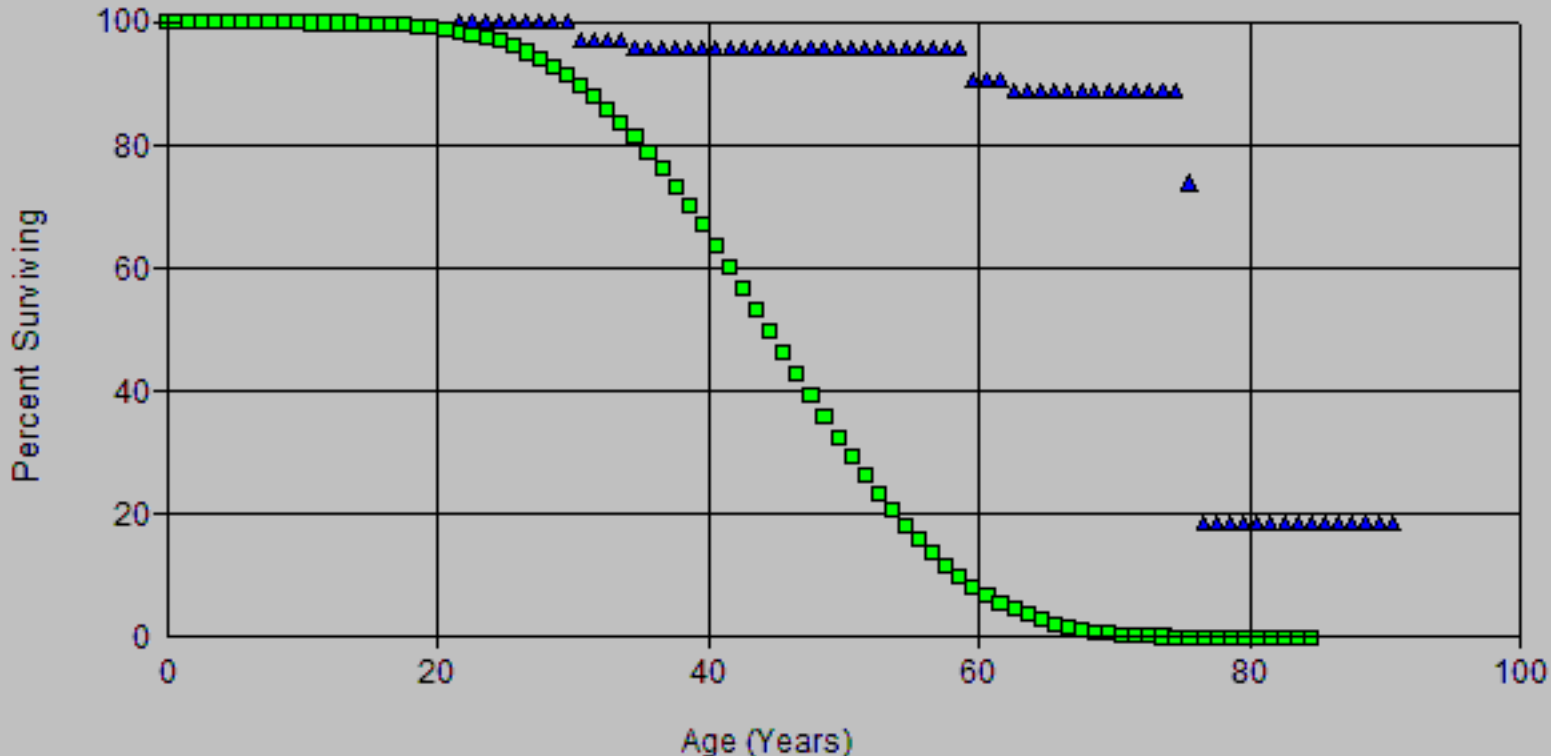


Account: G375-00 Struct & Imp
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CBC APP
Depreciation

▲ Actual Data

■ S3 44.00



Scenario: SDGE Actuarial @ 2020

Account: G369.00-Meas & Reg Statn Eq

Placement Band: 1938 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	18,137,753.40	0.00	0.00000	1.00000	100.00
0.5	21,711,798.03	832.33	0.00004	0.99996	100.00
1.5	20,975,043.93	0.00	0.00000	1.00000	100.00
2.5	19,769,757.34	0.00	0.00000	1.00000	100.00
3.5	18,796,931.55	46,450.89	0.00247	0.99753	100.00
4.5	17,734,010.11	0.00	0.00000	1.00000	99.75
5.5	17,792,914.85	0.00	0.00000	1.00000	99.75
6.5	16,676,490.77	904.66	0.00005	0.99995	99.75
7.5	15,796,995.63	0.00	0.00000	1.00000	99.74
8.5	14,904,193.24	7,829.33	0.00053	0.99947	99.74
9.5	14,827,402.86	0.00	0.00000	1.00000	99.69
10.5	14,662,359.87	0.00	0.00000	1.00000	99.69
11.5	14,644,820.96	0.00	0.00000	1.00000	99.69
12.5	14,444,908.23	0.00	0.00000	1.00000	99.69
13.5	14,376,435.93	0.00	0.00000	1.00000	99.69
14.5	14,181,673.84	0.00	0.00000	1.00000	99.69
15.5	13,136,332.25	0.00	0.00000	1.00000	99.69
16.5	12,597,202.80	34,479.57	0.00274	0.99726	99.69
17.5	12,464,633.92	0.00	0.00000	1.00000	99.42
18.5	12,410,854.77	26,363.66	0.00212	0.99788	99.42
19.5	11,289,798.85	15,151.24	0.00134	0.99866	99.21
20.5	11,237,098.57	35,853.26	0.00319	0.99681	99.07
21.5	10,041,091.26	0.00	0.00000	1.00000	98.76
22.5	6,438,409.65	45,405.06	0.00705	0.99295	98.76
23.5	6,426,013.55	0.00	0.00000	1.00000	98.06
24.5	6,454,157.36	0.00	0.00000	1.00000	98.06
25.5	4,731,326.11	0.00	0.00000	1.00000	98.06
26.5	2,902,931.59	0.00	0.00000	1.00000	98.06
27.5	2,882,502.92	0.00	0.00000	1.00000	98.06
28.5	2,841,877.19	0.00	0.00000	1.00000	98.06
29.5	2,803,224.66	0.00	0.00000	1.00000	98.06
30.5	2,701,982.90	2,531.52	0.00094	0.99906	98.06
31.5	2,612,778.27	0.00	0.00000	1.00000	97.97
32.5	2,501,468.60	0.00	0.00000	1.00000	97.97
33.5	1,618,983.90	0.00	0.00000	1.00000	97.97
34.5	1,524,948.39	16,049.28	0.01052	0.98948	97.97
35.5	1,416,189.51	0.00	0.00000	1.00000	96.94
36.5	1,231,418.04	0.00	0.00000	1.00000	96.94
37.5	1,055,334.22	0.00	0.00000	1.00000	96.94
38.5	1,112,548.02	0.00	0.00000	1.00000	96.94
39.5	1,079,487.31	7,040.20	0.00652	0.99348	96.94
40.5	1,037,075.53	6,609.23	0.00637	0.99363	96.31
41.5	973,215.93	0.00	0.00000	1.00000	95.69
42.5	953,530.06	0.00	0.00000	1.00000	95.69
43.5	940,251.47	0.00	0.00000	1.00000	95.69
44.5	844,563.02	0.00	0.00000	1.00000	95.69
45.5	583,319.51	399.36	0.00068	0.99932	95.69
46.5	510,855.52	0.00	0.00000	1.00000	95.63
47.5	431,090.49	0.00	0.00000	1.00000	95.63
48.5	334,273.84	0.00	0.00000	1.00000	95.63
49.5	298,379.09	1,767.84	0.00592	0.99408	95.63
50.5	281,635.27	0.00	0.00000	1.00000	95.06
51.5	175,281.58	0.00	0.00000	1.00000	95.06
52.5	160,422.50	0.00	0.00000	1.00000	95.06

SDG&E
 Observed Life Table 2024 GRC - APP
 Depreciation

Scenario: SDGE Actuarial @ 2020

Account: G369.00-Meas & Reg Statn Eq

Placement Band: 1938 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	160,422.50	0.00	0.00000	1.00000	95.06
54.5	159,425.89	2,718.43	0.01705	0.98295	95.06
55.5	140,784.27	0.00	0.00000	1.00000	93.44
56.5	140,686.34	0.00	0.00000	1.00000	93.44
57.5	135,361.50	0.00	0.00000	1.00000	93.44
58.5	135,361.50	0.00	0.00000	1.00000	93.44
59.5	135,361.50	0.00	0.00000	1.00000	93.44
60.5	6,982.55	0.00	0.00000	1.00000	93.44
61.5	6,982.55	0.00	0.00000	1.00000	93.44
62.5	6,982.55	0.00	0.00000	1.00000	93.44
63.5	6,982.55	0.00	0.00000	1.00000	93.44
64.5	6,982.55	0.00	0.00000	1.00000	93.44
65.5	6,982.55	0.00	0.00000	1.00000	93.44
66.5	6,640.31	0.00	0.00000	1.00000	93.44
67.5	6,551.02	0.00	0.00000	1.00000	93.44
68.5	668.71	0.00	0.00000	1.00000	93.44
69.5	668.71	0.00	0.00000	1.00000	93.44
70.5	212.69	0.00	0.00000	1.00000	93.44
71.5	212.69	0.00	0.00000	1.00000	93.44
72.5	212.69	0.00	0.00000	1.00000	93.44
73.5	212.69	0.00	0.00000	1.00000	93.44
74.5	212.69	0.00	0.00000	1.00000	93.44
75.5	212.69	0.00	0.00000	1.00000	93.44
76.5	212.69	212.69	1.00000	0.00000	93.44
77.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: G369.00-Meas & Reg Statn Eq
 Placement Band: 1961 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	18,137,753.40	0.00	0.00000	1.00000	100.00
0.5	21,711,798.03	832.33	0.00004	0.99996	100.00
1.5	20,975,043.93	0.00	0.00000	1.00000	100.00
2.5	19,769,757.34	0.00	0.00000	1.00000	100.00
3.5	18,796,931.55	46,450.89	0.00247	0.99753	100.00
4.5	17,734,010.11	0.00	0.00000	1.00000	99.75
5.5	17,792,914.85	0.00	0.00000	1.00000	99.75
6.5	16,676,490.77	904.66	0.00005	0.99995	99.75
7.5	15,796,995.63	0.00	0.00000	1.00000	99.74
8.5	14,904,193.24	7,829.33	0.00053	0.99947	99.74
9.5	14,827,402.86	0.00	0.00000	1.00000	99.69
10.5	14,662,359.87	0.00	0.00000	1.00000	99.69
11.5	14,644,820.96	0.00	0.00000	1.00000	99.69
12.5	14,444,908.23	0.00	0.00000	1.00000	99.69
13.5	14,376,435.93	0.00	0.00000	1.00000	99.69
14.5	14,181,673.84	0.00	0.00000	1.00000	99.69
15.5	13,136,332.25	0.00	0.00000	1.00000	99.69
16.5	12,597,202.80	34,479.57	0.00274	0.99726	99.69
17.5	12,464,633.92	0.00	0.00000	1.00000	99.42
18.5	12,410,854.77	26,363.66	0.00212	0.99788	99.42
19.5	11,289,798.85	15,151.24	0.00134	0.99866	99.21
20.5	11,237,098.57	35,853.26	0.00319	0.99681	99.07
21.5	10,041,091.26	0.00	0.00000	1.00000	98.76
22.5	6,438,409.65	45,405.06	0.00705	0.99295	98.76
23.5	6,426,013.55	0.00	0.00000	1.00000	98.06
24.5	6,454,157.36	0.00	0.00000	1.00000	98.06
25.5	4,731,326.11	0.00	0.00000	1.00000	98.06
26.5	2,902,931.59	0.00	0.00000	1.00000	98.06
27.5	2,882,502.92	0.00	0.00000	1.00000	98.06
28.5	2,841,877.19	0.00	0.00000	1.00000	98.06
29.5	2,803,224.66	0.00	0.00000	1.00000	98.06
30.5	2,701,982.90	2,531.52	0.00094	0.99906	98.06
31.5	2,612,778.27	0.00	0.00000	1.00000	97.97
32.5	2,501,468.60	0.00	0.00000	1.00000	97.97
33.5	1,618,983.90	0.00	0.00000	1.00000	97.97
34.5	1,524,948.39	16,049.28	0.01052	0.98948	97.97
35.5	1,416,189.51	0.00	0.00000	1.00000	96.94
36.5	1,231,418.04	0.00	0.00000	1.00000	96.94
37.5	1,055,334.22	0.00	0.00000	1.00000	96.94
38.5	981,237.95	0.00	0.00000	1.00000	96.94
39.5	948,177.24	7,040.20	0.00742	0.99258	96.94
40.5	905,765.46	6,609.23	0.00730	0.99270	96.22
41.5	841,905.86	0.00	0.00000	1.00000	95.52
42.5	822,219.99	0.00	0.00000	1.00000	95.52
43.5	808,941.40	0.00	0.00000	1.00000	95.52
44.5	712,910.71	0.00	0.00000	1.00000	95.52
45.5	451,577.91	399.36	0.00088	0.99912	95.52
46.5	373,231.61	0.00	0.00000	1.00000	95.43
47.5	293,466.58	0.00	0.00000	1.00000	95.43
48.5	196,193.91	0.00	0.00000	1.00000	95.43
49.5	160,299.16	1,767.84	0.01103	0.98897	95.43
50.5	143,555.34	0.00	0.00000	1.00000	94.38
51.5	37,201.65	0.00	0.00000	1.00000	94.38
52.5	22,342.57	0.00	0.00000	1.00000	94.38

Scenario: SDGE Actuarial @ 2020

Account: G369.00-Meas & Reg Statn Eq

Placement Band: 1961 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	22,342.57	0.00	0.00000	1.00000	94.38
54.5	21,345.96	0.00	0.00000	1.00000	94.38
55.5	5,422.77	0.00	0.00000	1.00000	94.38
56.5	5,324.84	0.00	0.00000	1.00000	94.38
57.5	0.00	0.00	0.00000	0.00000	94.38

Scenario: SDGE Actuarial @ 2020

Account: G369.00-Meas & Reg Statn Eq

Placement Band: 1991 - 2020

Observation Band: 1999 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	18,137,753.40	0.00	0.00000	1.00000	100.00
0.5	21,711,798.03	832.33	0.00004	0.99996	100.00
1.5	20,975,043.93	0.00	0.00000	1.00000	100.00
2.5	19,769,757.34	0.00	0.00000	1.00000	100.00
3.5	18,796,931.55	46,450.89	0.00247	0.99753	100.00
4.5	17,734,010.11	0.00	0.00000	1.00000	99.75
5.5	17,792,914.85	0.00	0.00000	1.00000	99.75
6.5	16,676,490.77	904.66	0.00005	0.99995	99.75
7.5	15,796,995.63	0.00	0.00000	1.00000	99.74
8.5	14,777,731.55	0.00	0.00000	1.00000	99.74
9.5	14,622,097.39	0.00	0.00000	1.00000	99.74
10.5	14,298,943.70	0.00	0.00000	1.00000	99.74
11.5	13,381,229.06	0.00	0.00000	1.00000	99.74
12.5	13,087,182.89	0.00	0.00000	1.00000	99.74
13.5	12,920,676.15	0.00	0.00000	1.00000	99.74
14.5	12,541,142.59	0.00	0.00000	1.00000	99.74
15.5	11,319,717.18	0.00	0.00000	1.00000	99.74
16.5	10,680,127.80	34,479.57	0.00323	0.99677	99.74
17.5	10,514,498.21	0.00	0.00000	1.00000	99.42
18.5	10,425,347.48	0.00	0.00000	1.00000	99.42
19.5	9,273,404.85	15,151.24	0.00163	0.99837	99.42
20.5	9,184,969.42	35,853.26	0.00390	0.99610	99.26
21.5	7,975,683.52	0.00	0.00000	1.00000	98.87
22.5	4,276,971.22	0.00	0.00000	1.00000	98.87
23.5	4,048,647.38	0.00	0.00000	1.00000	98.87
24.5	3,998,844.25	0.00	0.00000	1.00000	98.87
25.5	2,196,247.97	0.00	0.00000	1.00000	98.87
26.5	270,580.78	0.00	0.00000	1.00000	98.87
27.5	207,217.16	0.00	0.00000	1.00000	98.87
28.5	145,006.22	0.00	0.00000	1.00000	98.87
29.5	0.00	0.00	0.00000	0.00000	98.87

Actuarial Life Analysis

Account: G369.00-Meas & Reg Statn Eq
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1938 - 2003
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2003	57.5	93.22	0.01188693	R0.5	245.04
2000 -2004	58.5	95.55	0.01034171	R1	256.69
2001 -2005	59.5	95.97	0.00868550	R1.5	225.01
2002 -2006		1.00			
2003 -2007		1.00			
2004 -2008		1.00			
2005 -2009		1.00			
2006 -2010		1.00			
2007 -2011	65.5	88.90	0.02205366	S0	153.34
2008 -2012	66.5	89.24	0.01580481	S0	157.68
2009 -2013	67.5	87.91	0.02017895	S0	145.25
2010 -2014	68.5	88.55	0.02060000	L0	223.73
2011 -2015	69.5	0.00	0.45929819	S0.5	80.73
2012 -2016	70.5	0.00	0.82629655	R4	67.48
2013 -2017	71.5	0.00	1.06291703	R4	68.02
2014 -2018	72.5	0.00	0.99027601	S6	67.41
2015 -2019	73.5	0.00	0.67643235	SQ	67.93
2016 -2020		1.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G369.00-Meas & Reg Statn Eq

Scenario: SDGE Actuarial @ 2020

Placement Band: 1938 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

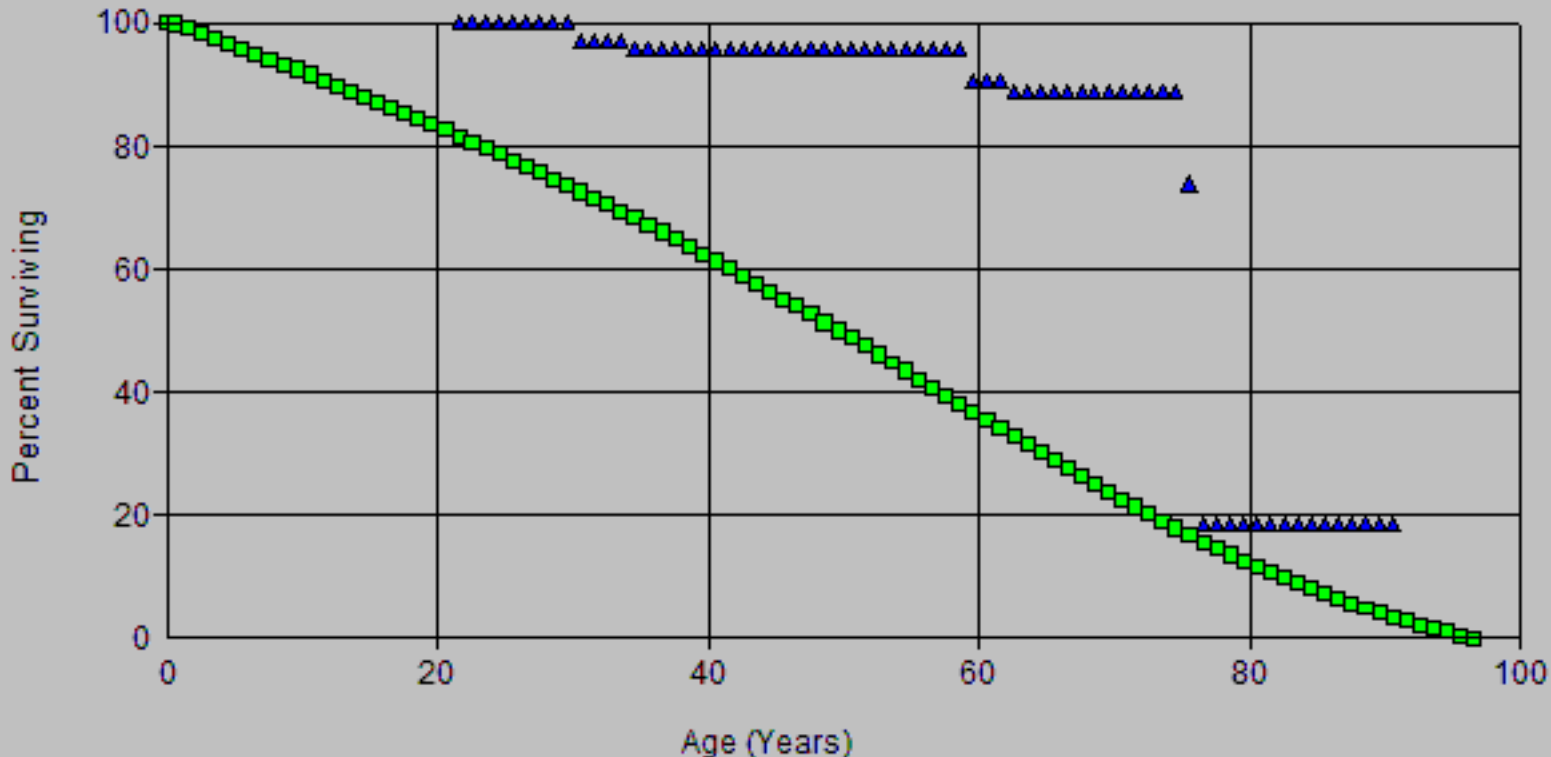
Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1999 -2020	82.5	0.00	1.35671316	S6	74.65
2004 -2020	82.5	0.00	1.30399003	S6	74.91
2009 -2020	82.5	0.00	1.34505230	S6	74.65
2014 -2020	82.5	0.00	0.62350256	SQ	70.93
2019 -2020	82.5	0.00	0.13972424	SQ	72.05

Account: G375-00 Struct & Imp
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CBC APP
Depreciation

▲ Actual Data

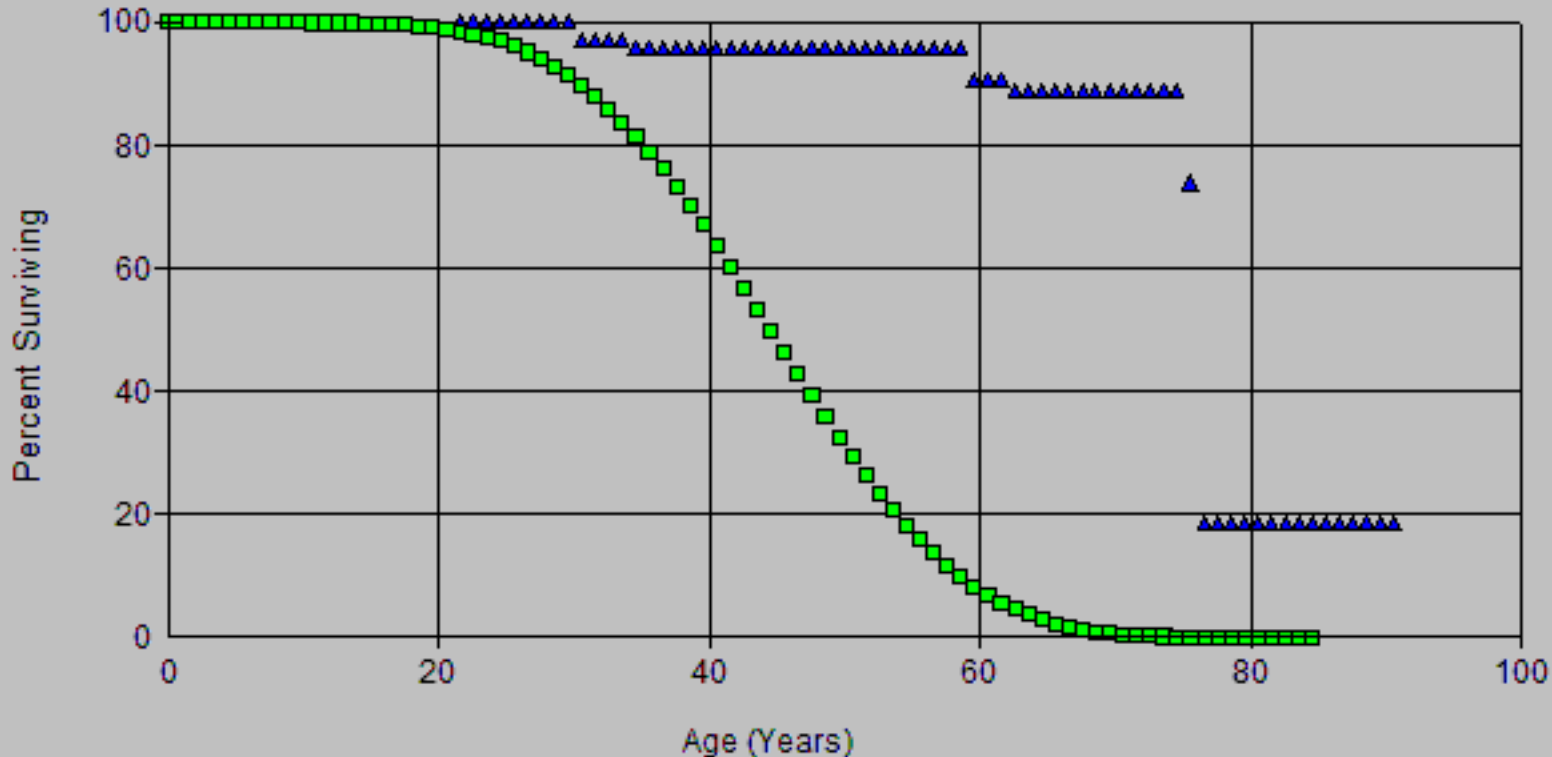
■ R0.5 48.00



Account: G375-00 Struct & Imp
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CBC APP
 Depreciation

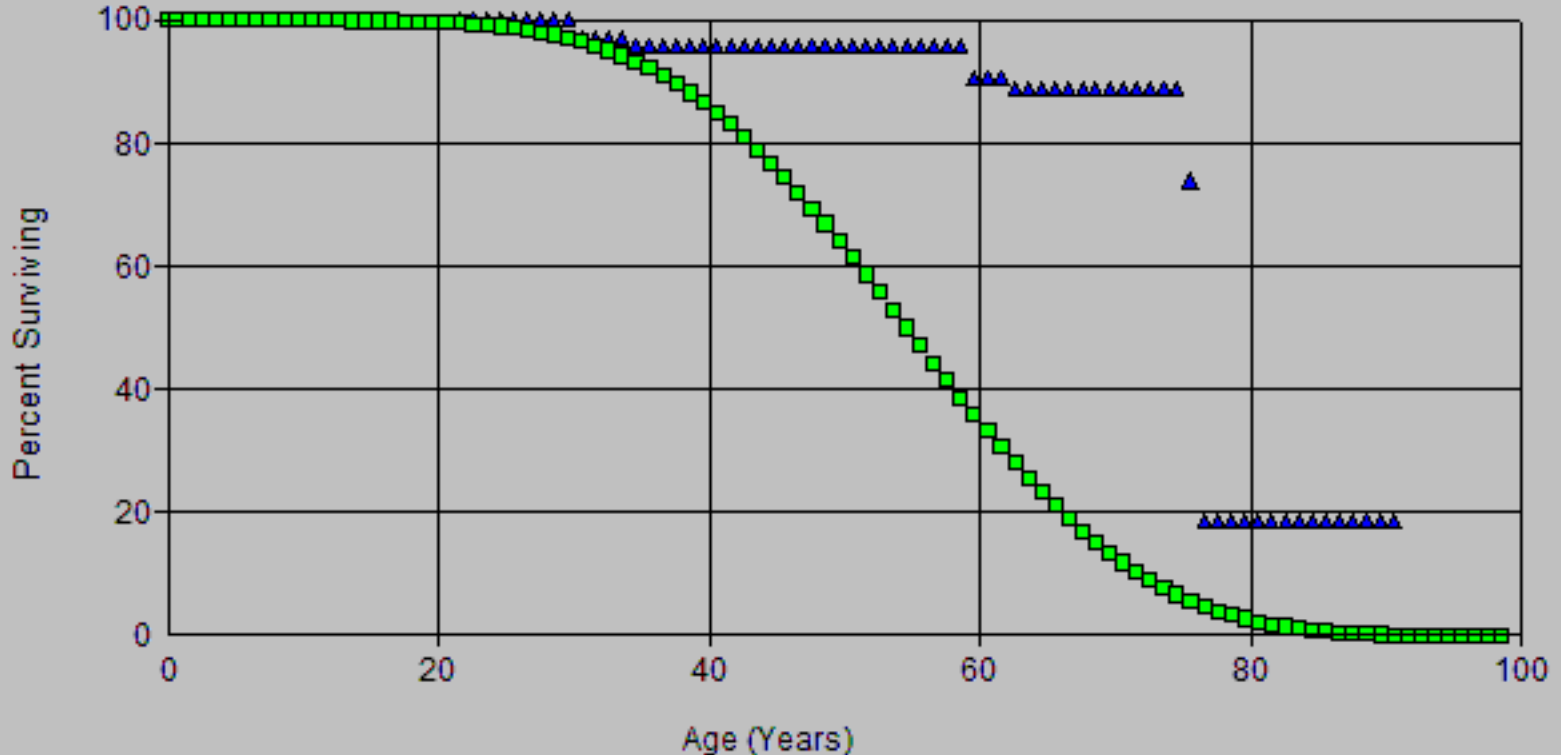
▲ Actual Data ■ S3 44.00



Account: G375-00 Struct & Imp
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CBC APP
 Depreciation

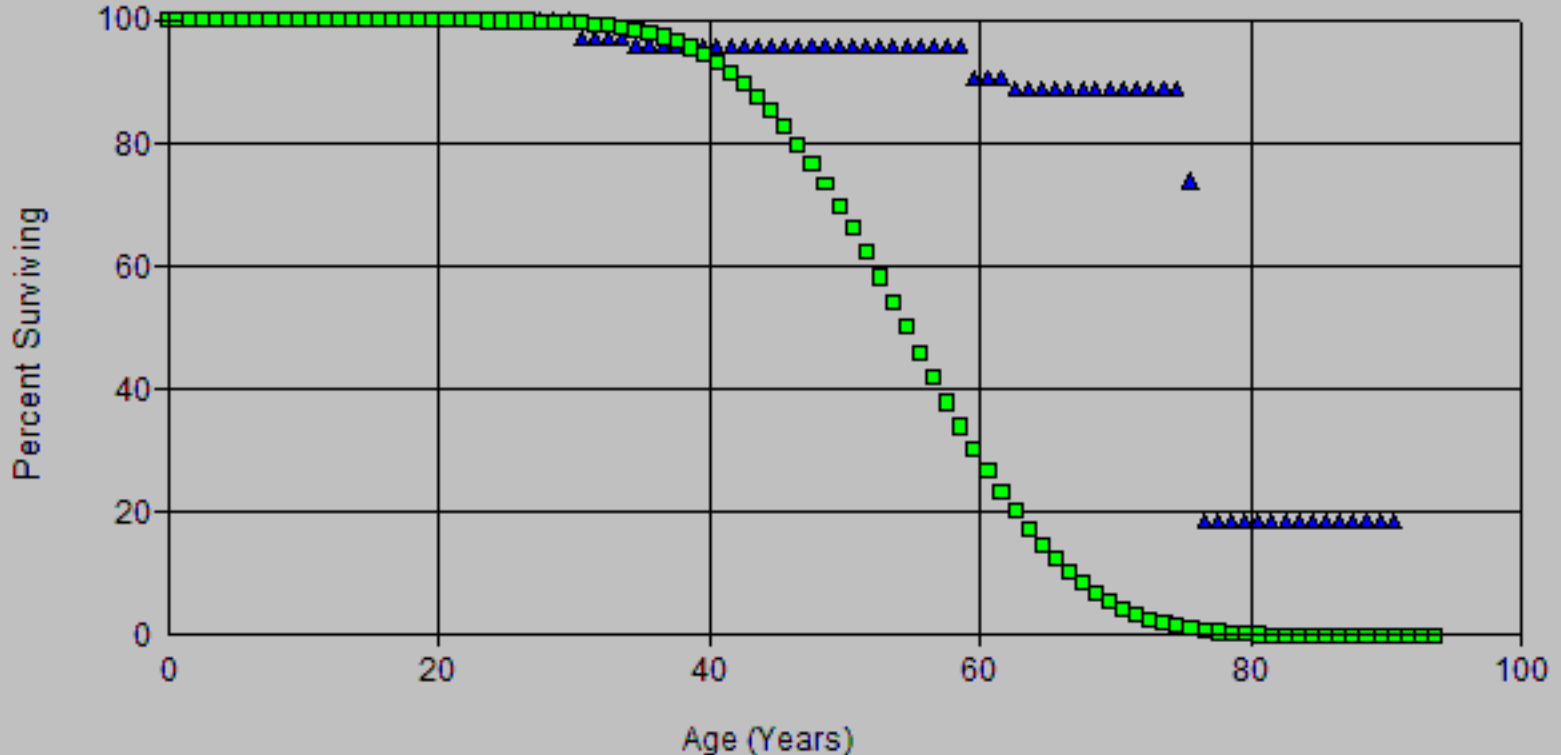
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Account: G375-00 Struct & Imp
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CBC APP
 Depreciation

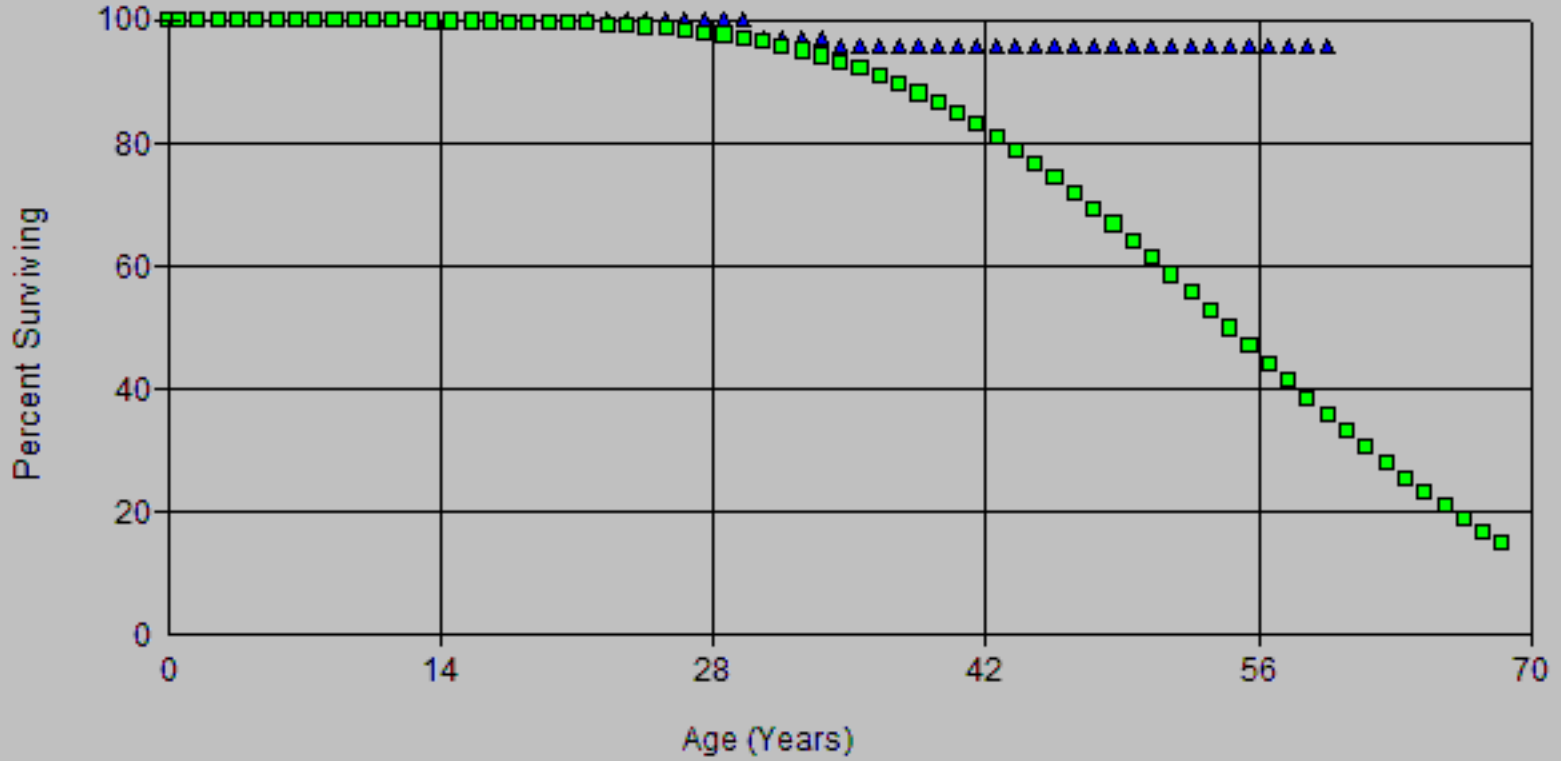
▲ Actual Data ■ S4 54.00



Account: G375-00 Struct & Imp
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CBC APP
Depreciation

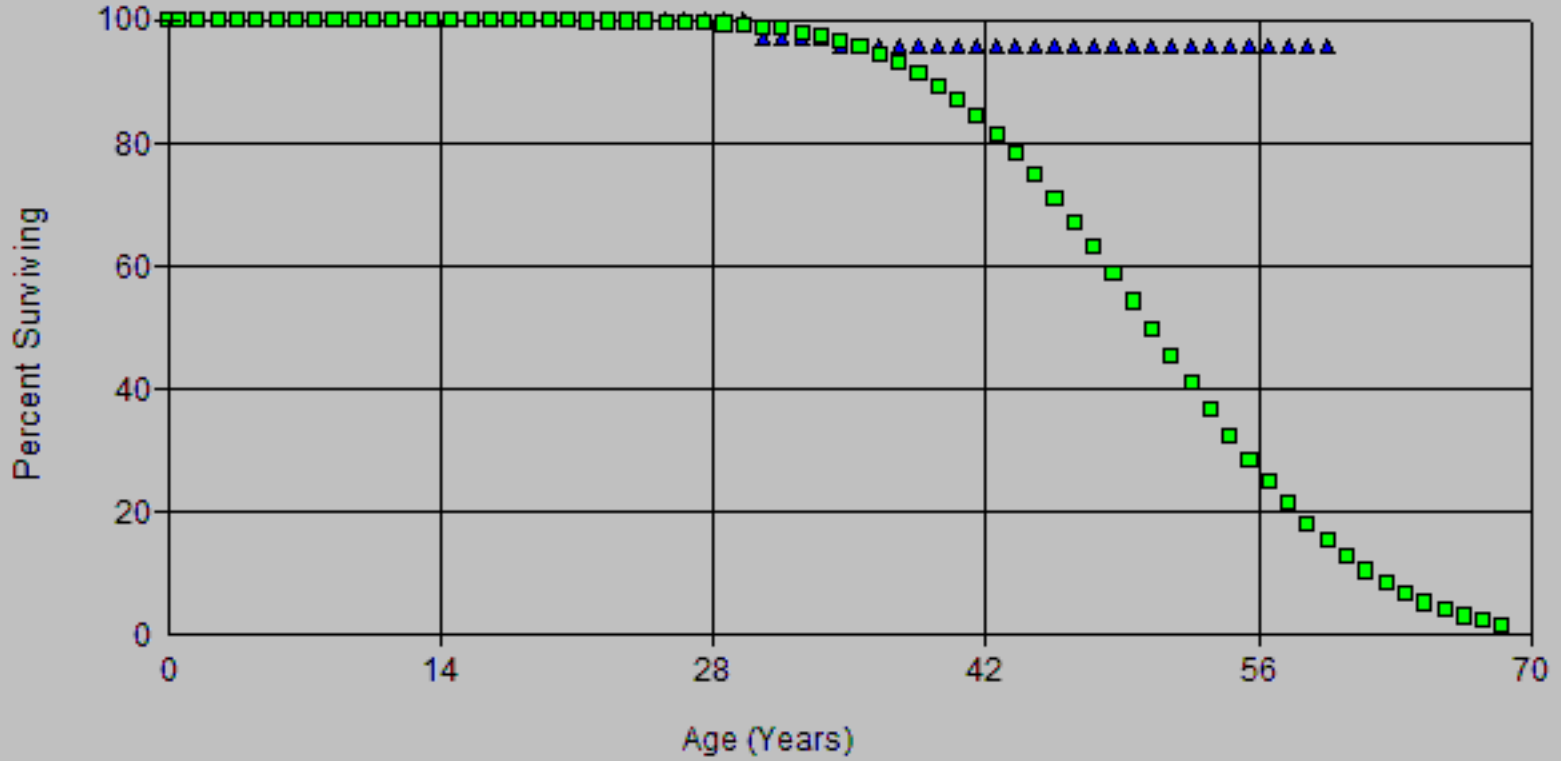
▲ Actual Data ■ S3 54.00



Account: G375-00 Struct & Imp
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CBC APP
Depreciation

▲ Actual Data ■ S4 50.00



Scenario: SDGE Actuarial @ 2020
Account: G375.00-Struct & Imp
Placement Band: 1924 - 2020

Observation Band: 2000 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
21.5	3,121.21	0.00	0.00000	1.00000	100.00
22.5	3,121.21	0.00	0.00000	1.00000	100.00
23.5	3,121.21	0.00	0.00000	1.00000	100.00
24.5	3,121.21	0.00	0.00000	1.00000	100.00
25.5	11,348.72	0.00	0.00000	1.00000	100.00
26.5	27,863.72	0.00	0.00000	1.00000	100.00
27.5	27,176.60	0.00	0.00000	1.00000	100.00
28.5	29,403.70	0.00	0.00000	1.00000	100.00
29.5	30,778.76	889.21	0.02889	0.97111	100.00
30.5	29,889.55	0.00	0.00000	1.00000	97.11
31.5	29,889.55	0.00	0.00000	1.00000	97.11
32.5	34,543.22	0.00	0.00000	1.00000	97.11
33.5	35,030.31	487.09	0.01390	0.98610	97.11
34.5	34,543.22	0.00	0.00000	1.00000	95.76
35.5	34,543.22	0.00	0.00000	1.00000	95.76
36.5	34,543.22	0.00	0.00000	1.00000	95.76
37.5	34,543.22	0.00	0.00000	1.00000	95.76
38.5	34,898.94	0.00	0.00000	1.00000	95.76
39.5	37,356.94	0.00	0.00000	1.00000	95.76
40.5	37,356.94	0.00	0.00000	1.00000	95.76
41.5	37,436.74	0.00	0.00000	1.00000	95.76
42.5	34,315.53	0.00	0.00000	1.00000	95.76
43.5	34,315.53	0.00	0.00000	1.00000	95.76
44.5	34,315.53	0.00	0.00000	1.00000	95.76
45.5	34,315.53	0.00	0.00000	1.00000	95.76
46.5	26,088.02	0.00	0.00000	1.00000	95.76
47.5	12,429.60	0.00	0.00000	1.00000	95.76
48.5	10,260.14	0.00	0.00000	1.00000	95.76
49.5	9,534.72	0.00	0.00000	1.00000	95.76
50.5	9,048.87	0.00	0.00000	1.00000	95.76
51.5	9,048.87	0.00	0.00000	1.00000	95.76
52.5	9,048.87	0.00	0.00000	1.00000	95.76
53.5	4,395.20	0.00	0.00000	1.00000	95.76
54.5	4,395.20	0.00	0.00000	1.00000	95.76
55.5	4,395.20	0.00	0.00000	1.00000	95.76
56.5	4,395.20	0.00	0.00000	1.00000	95.76
57.5	5,895.77	0.00	0.00000	1.00000	95.76
58.5	6,581.24	347.55	0.05281	0.94719	95.76
59.5	5,877.97	0.00	0.00000	1.00000	90.70
60.5	3,419.97	0.00	0.00000	1.00000	90.70
61.5	3,486.02	66.05	0.01895	0.98105	90.70
62.5	3,340.17	0.00	0.00000	1.00000	88.99
63.5	3,340.17	0.00	0.00000	1.00000	88.99
64.5	3,340.17	0.00	0.00000	1.00000	88.99
65.5	3,340.17	0.00	0.00000	1.00000	88.99
66.5	3,340.17	0.00	0.00000	1.00000	88.99
67.5	4,647.17	0.00	0.00000	1.00000	88.99
68.5	4,647.17	0.00	0.00000	1.00000	88.99
69.5	6,010.17	0.00	0.00000	1.00000	88.99
70.5	4,508.49	0.00	0.00000	1.00000	88.99
71.5	4,508.49	0.00	0.00000	1.00000	88.99
72.5	4,508.49	0.00	0.00000	1.00000	88.99
73.5	4,508.49	0.00	0.00000	1.00000	88.99
74.5	5,423.49	915.00	0.16871	0.83129	88.99

Scenario: SDGE Actuarial @ 2020

Account: G375.00-Struct & Imp

Placement Band: 1924 - 2020

Observation Band: 2000 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
75.5	17,759.49	13,251.00	0.74614	0.25386	73.97
76.5	4,508.49	0.00	0.00000	1.00000	18.78
77.5	4,508.49	0.00	0.00000	1.00000	18.78
78.5	3,007.92	0.00	0.00000	1.00000	18.78
79.5	2,670.00	0.00	0.00000	1.00000	18.78
80.5	2,670.00	0.00	0.00000	1.00000	18.78
81.5	2,670.00	0.00	0.00000	1.00000	18.78
82.5	2,670.00	0.00	0.00000	1.00000	18.78
83.5	2,670.00	0.00	0.00000	1.00000	18.78
84.5	2,670.00	0.00	0.00000	1.00000	18.78
85.5	2,670.00	0.00	0.00000	1.00000	18.78
86.5	2,670.00	0.00	0.00000	1.00000	18.78
87.5	2,670.00	0.00	0.00000	1.00000	18.78
88.5	1,363.00	0.00	0.00000	1.00000	18.78
89.5	1,363.00	0.00	0.00000	1.00000	18.78
90.5	0.00	0.00	0.00000	1.00000	18.78

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G375.00-Struct & Imp
Scenario: SDGE Actuarial @ 2020
Placement Band: 1924 - 2004
Function: Survivorship Annual Rate Method
Weighting: Unweighted
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2000 -2004		0.00			
2001 -2005		0.00			
2002 -2006		0.00			
2003 -2007		0.00			
2004 -2008		0.00			
2005 -2009		0.00			
2006 -2010		0.00			
2007 -2011		0.00			
2008 -2012		0.00			
2009 -2013		0.00			
2010 -2014		0.00			
2011 -2015		0.00			
2012 -2016		0.00			
2013 -2017		0.00			
2014 -2018		0.00			
2015 -2019		0.00			
2016 -2020		0.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G375.00-Struct & Imp

Scenario: SDGE Actuarial @ 2020

Placement Band: 1924 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

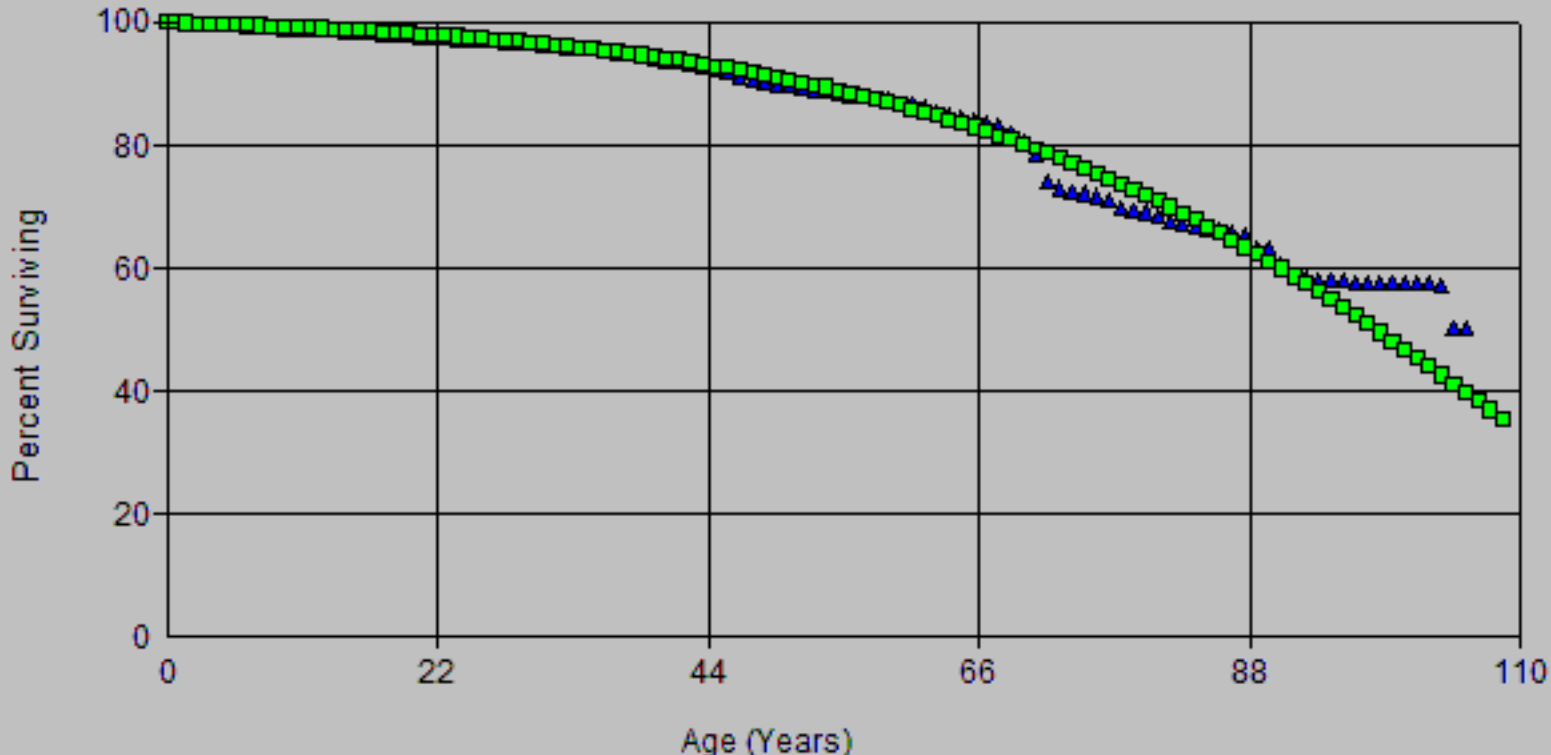
T-Cut: None

Observation	<u>Censoring</u>		Error Sum	<u>Best Fit</u>	
Band	Age	Percent	<u>of Squares</u>	Disp	ASL
2000 -2020		0.00			
2005 -2020		0.00			
2010 -2020		0.00			
2015 -2020		0.00			
2020 -2020		0.00			

Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBC APP
Depreciation

▲ Actual Data ■ R2.5 94.00

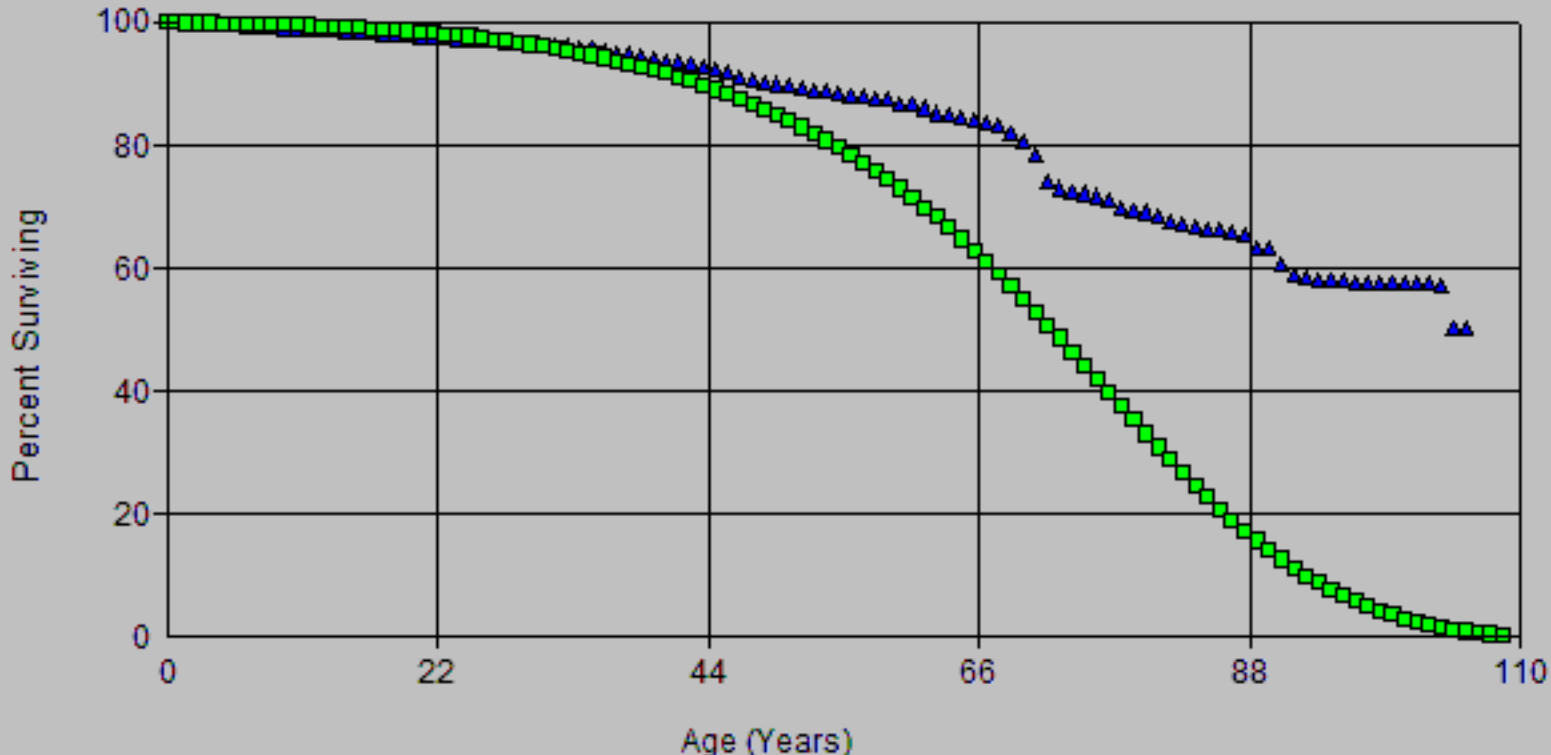


Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBC APP
Depreciation

▲ Actual Data

■ R3 69.00

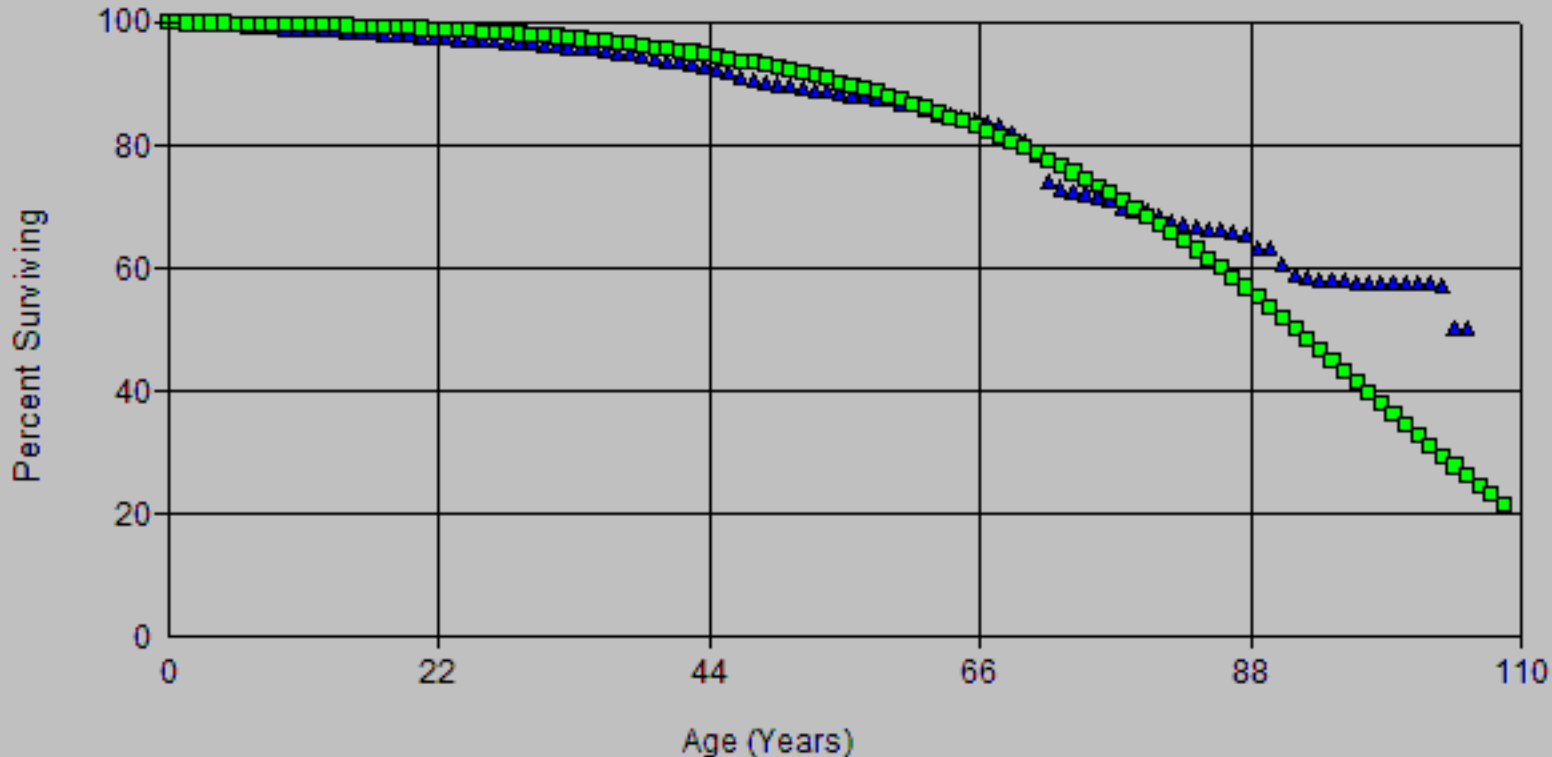


Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBC APP
Depreciation

▲ Actual Data

■ R3 88.00

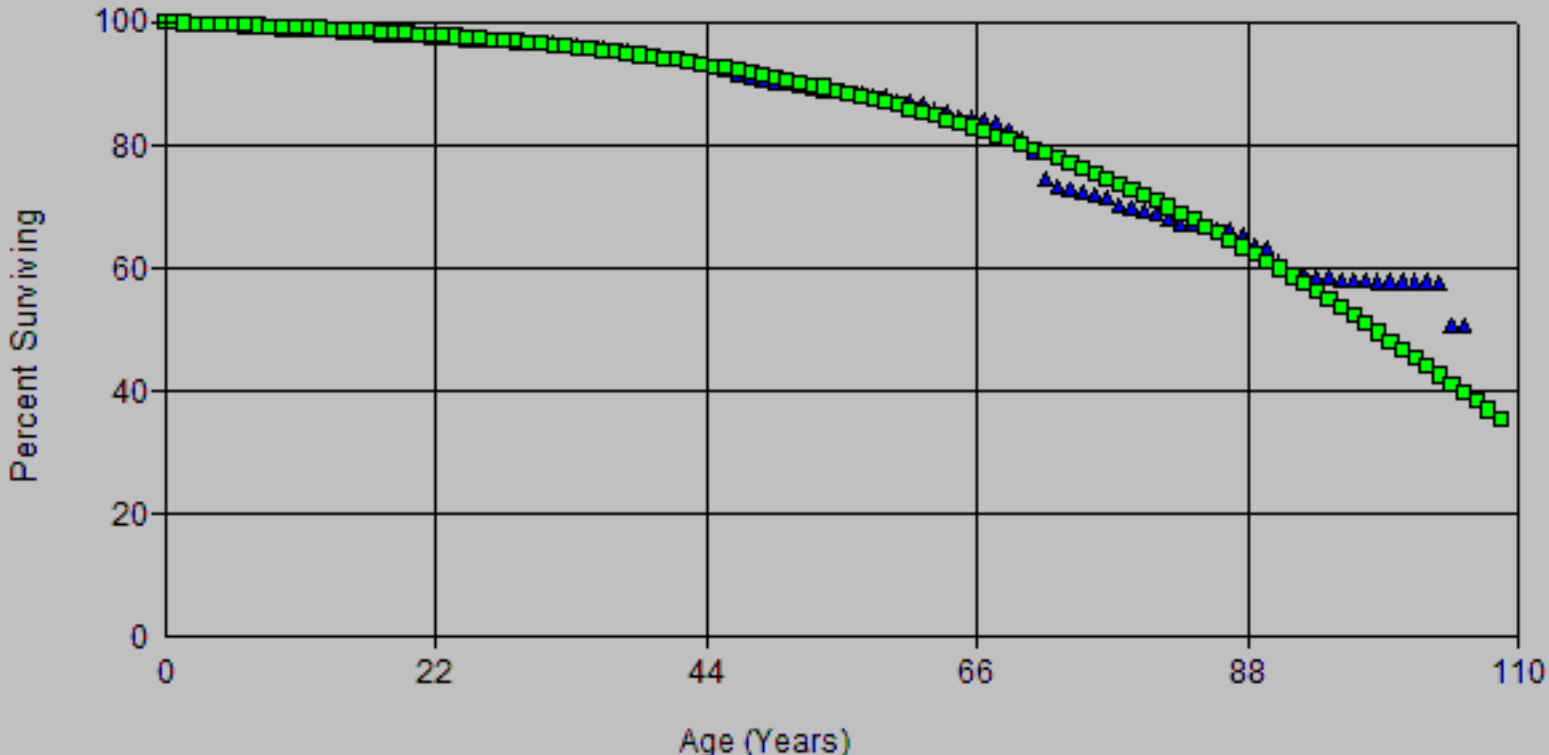


Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBC APP
Depreciation

▲ Actual Data

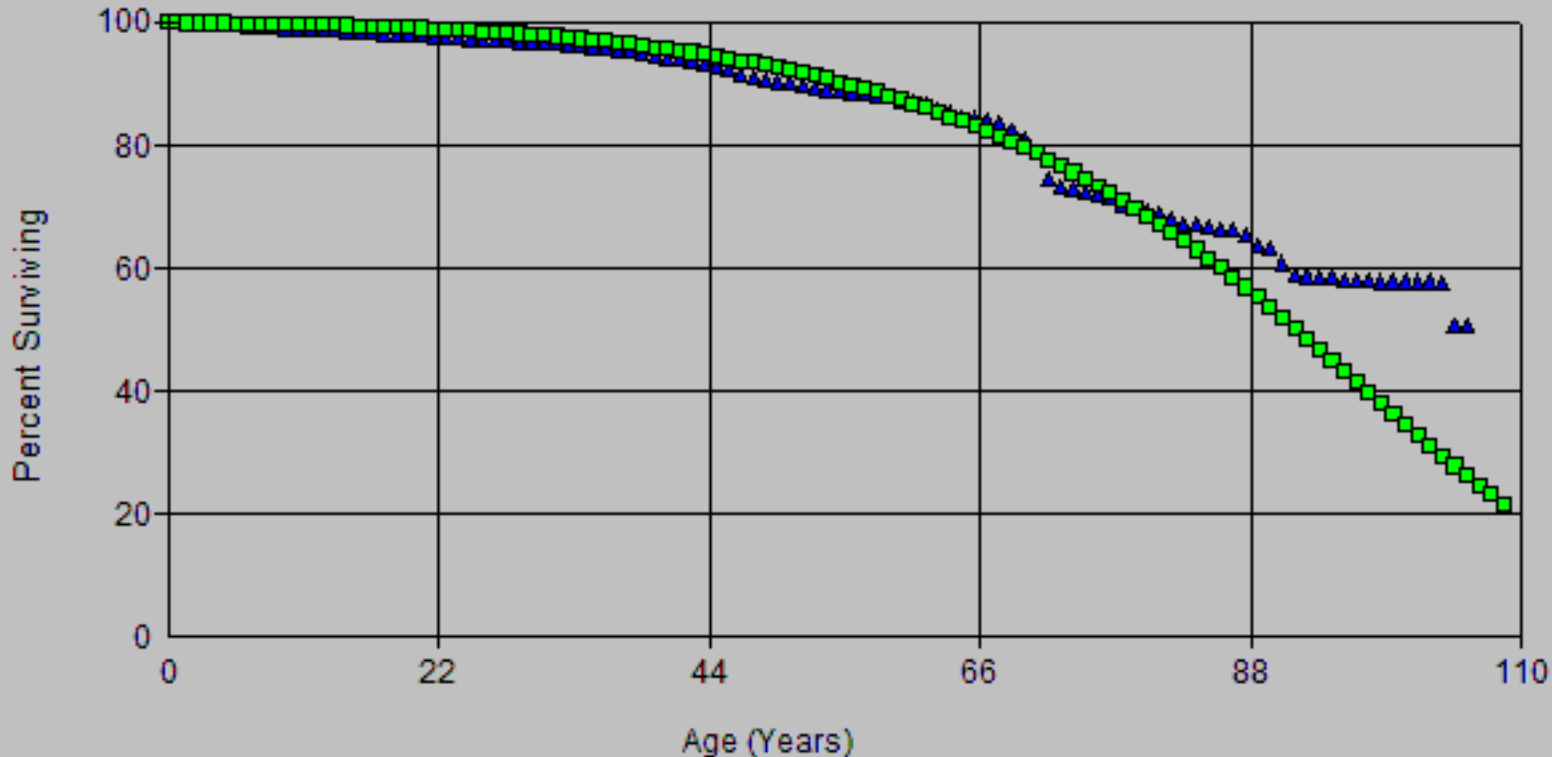
■ R2.5 94.00



Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBC APP
Depreciation

▲ Actual Data ■ R3 88.00

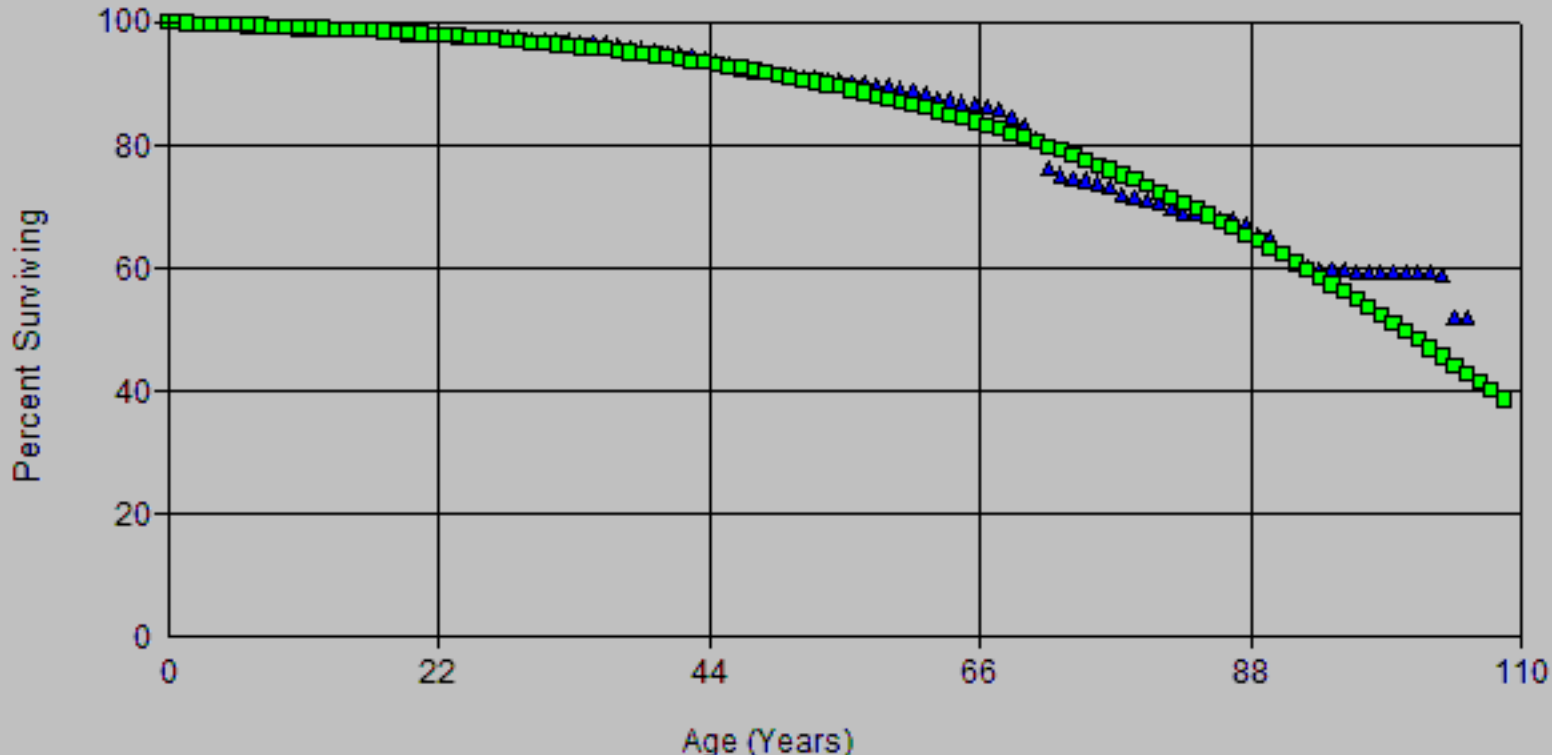


Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBC APP
Depreciation

▲ Actual Data

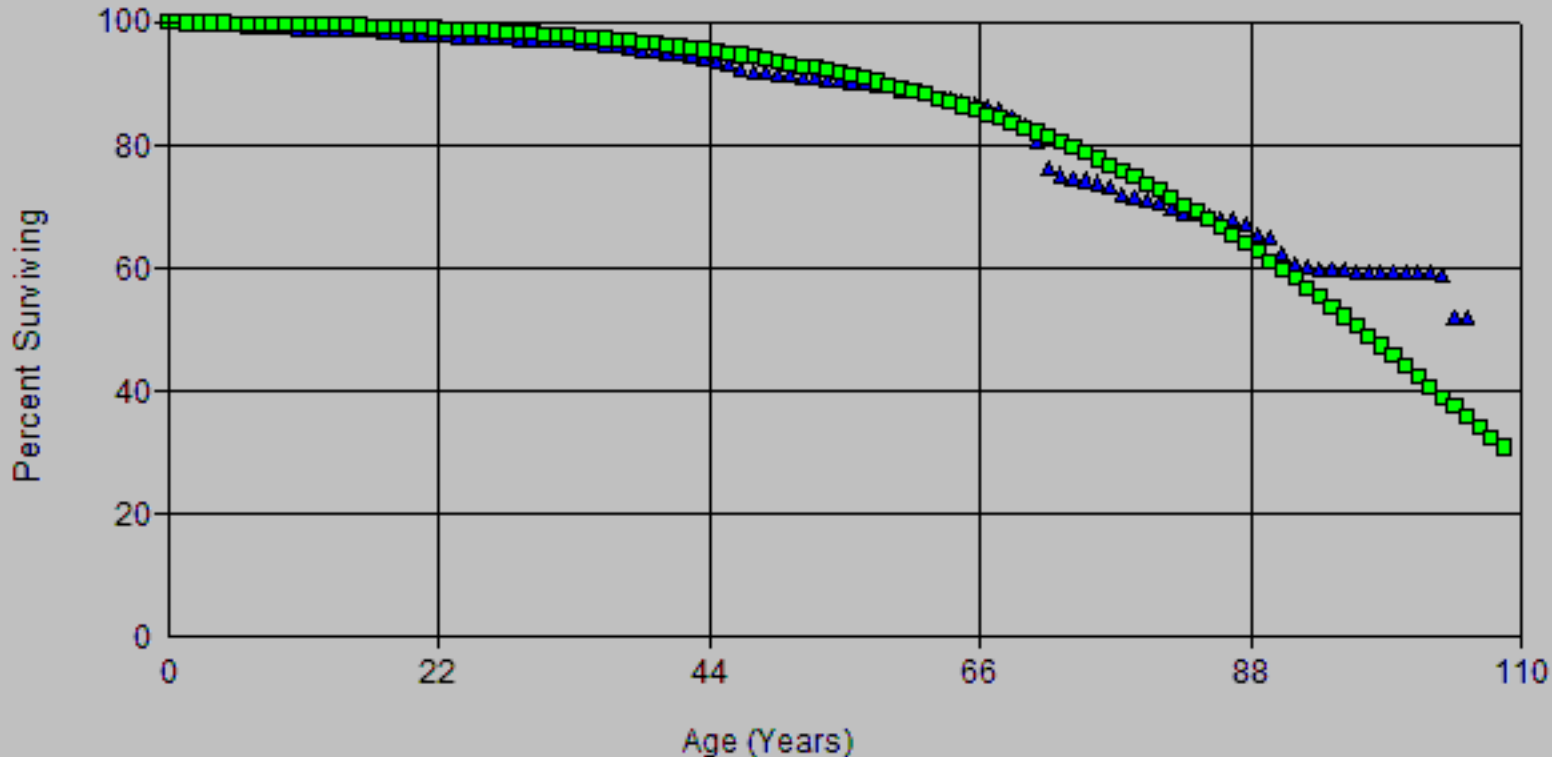
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Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBC APP
Depreciation

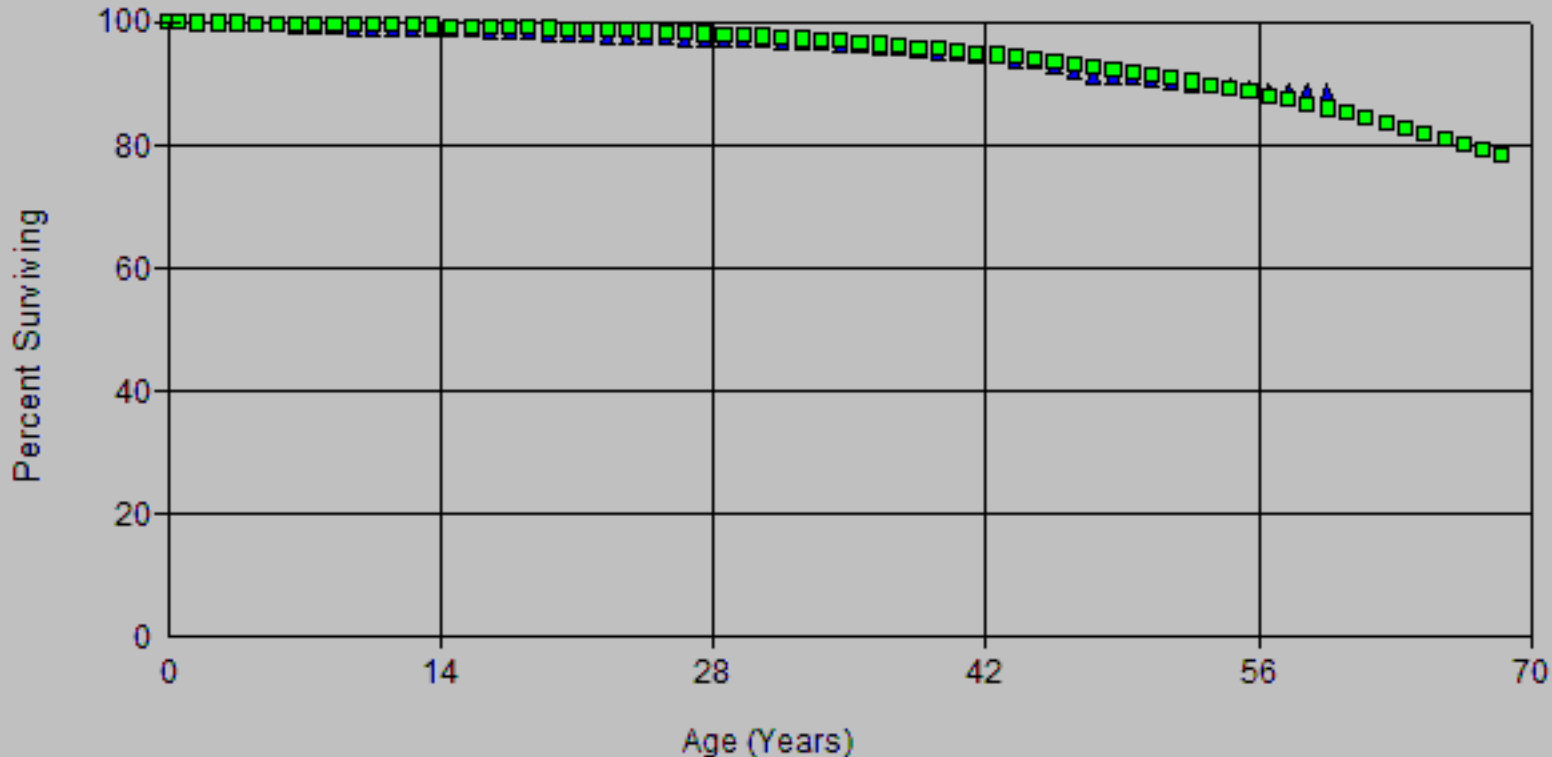
▲ Actual Data ■ R3 93.00



Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

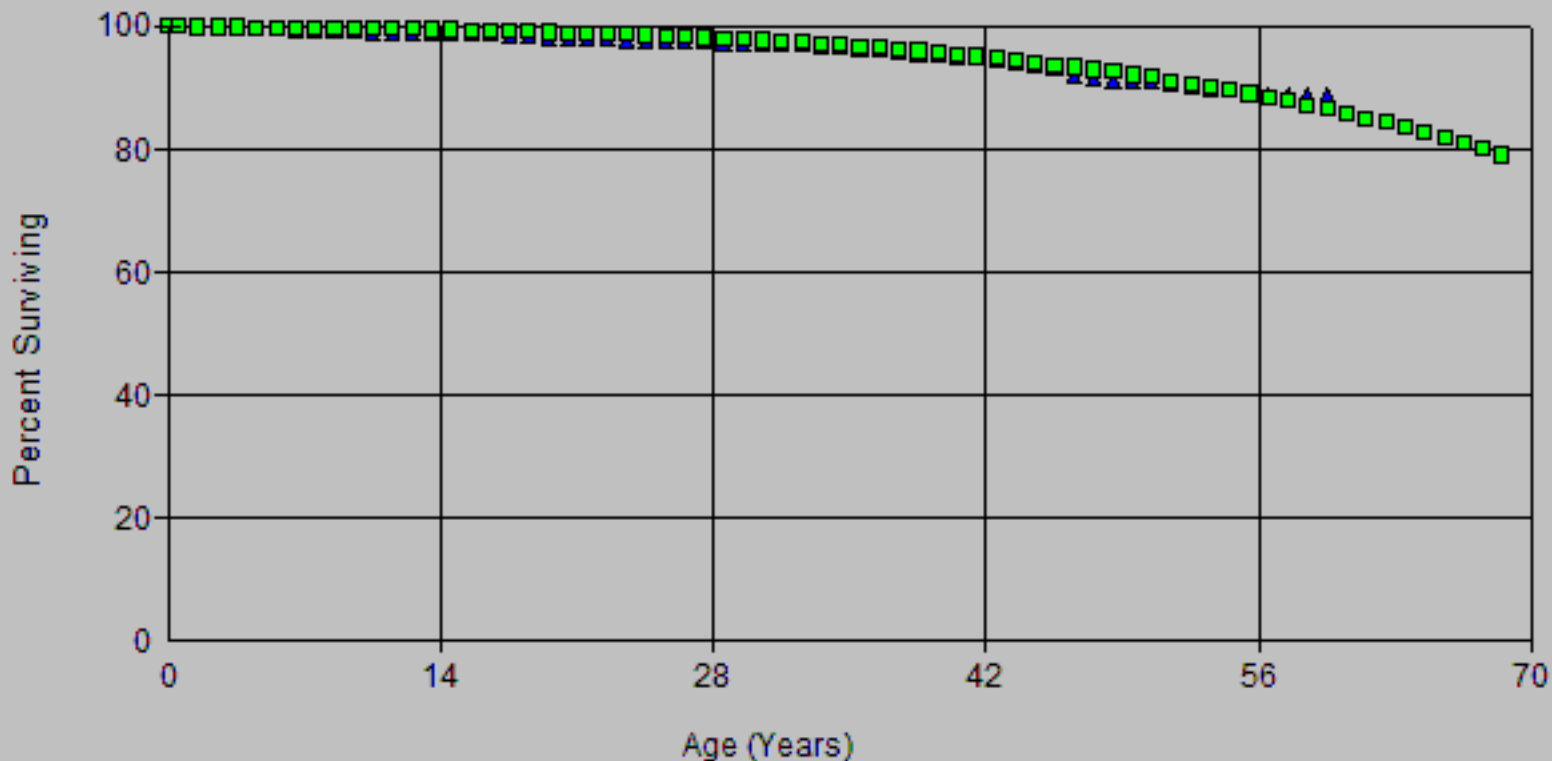
SDG&E
2024 GBC APP
Depreciation

▲ Actual Data ■ R3 85.00



Account: G376.00-Mains
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R3 86.00

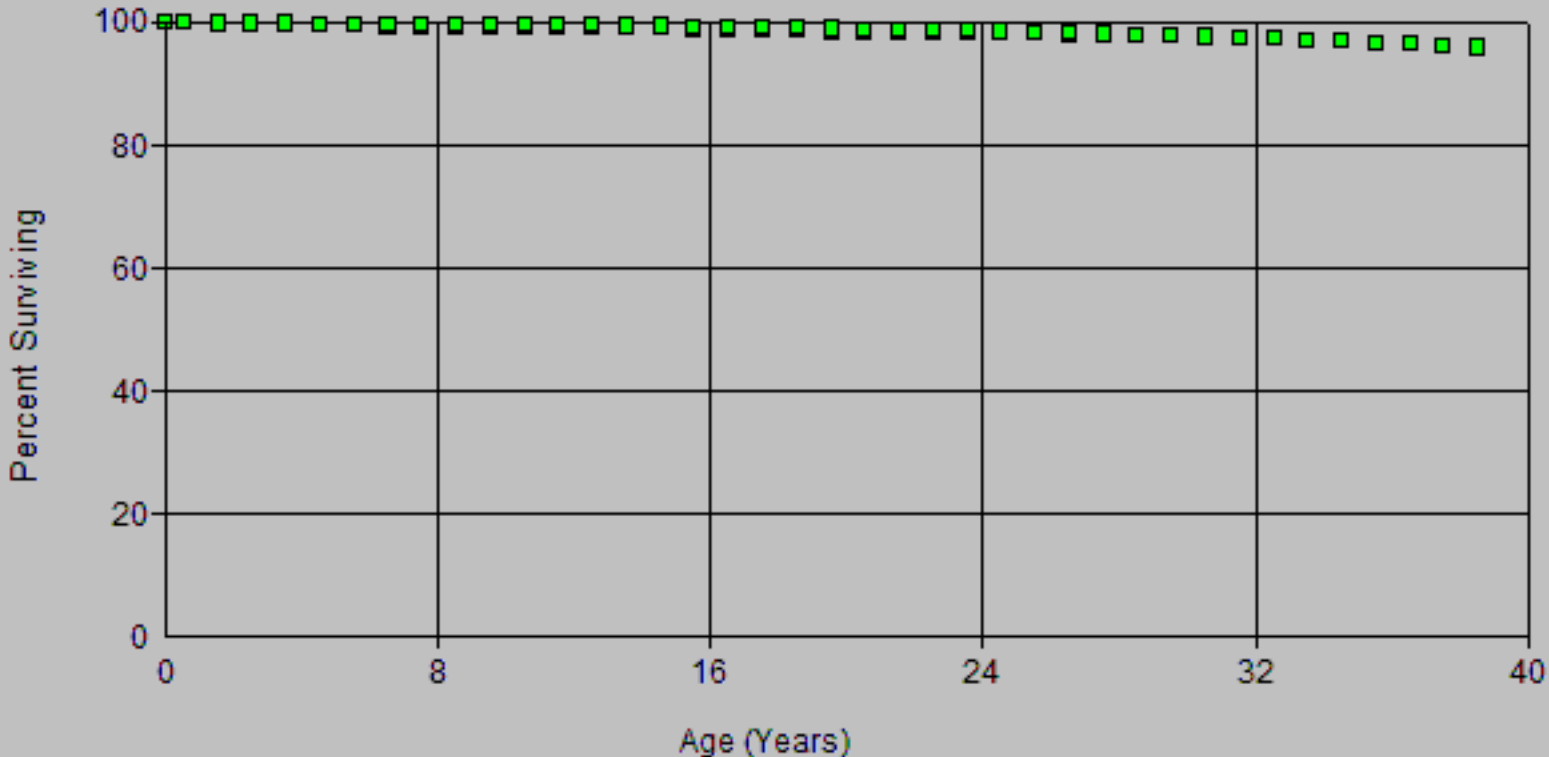


Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBC APP
Depreciation

▲ Actual Data

■ R3 86.00



Scenario: SDGE Actuarial @ 2020
Account: G376.00-Mains
Placement Band: 1915 - 2020

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,410,223,338.06	77,470.23	0.00005	0.99995	100.00
0.5	1,357,404,522.31	477,823.39	0.00035	0.99965	100.00
1.5	1,274,423,531.89	637,062.73	0.00050	0.99950	99.96
2.5	1,163,907,045.90	876,101.28	0.00075	0.99925	99.91
3.5	926,807,636.17	980,826.73	0.00106	0.99894	99.84
4.5	738,665,483.42	1,013,676.81	0.00137	0.99863	99.73
5.5	664,121,073.65	1,086,861.73	0.00164	0.99836	99.59
6.5	595,412,047.29	653,624.84	0.00110	0.99890	99.43
7.5	577,331,060.73	699,324.47	0.00121	0.99879	99.32
8.5	551,513,762.93	389,052.86	0.00071	0.99929	99.20
9.5	540,227,042.81	728,870.97	0.00135	0.99865	99.13
10.5	526,085,921.39	406,081.67	0.00077	0.99923	99.00
11.5	509,767,398.47	423,067.54	0.00083	0.99917	98.92
12.5	499,298,272.63	476,960.55	0.00096	0.99904	98.84
13.5	486,466,124.47	618,635.36	0.00127	0.99873	98.74
14.5	469,054,218.35	364,695.60	0.00078	0.99922	98.62
15.5	457,702,958.84	465,151.78	0.00102	0.99898	98.54
16.5	442,098,658.44	1,008,324.47	0.00228	0.99772	98.44
17.5	419,916,505.07	578,893.96	0.00138	0.99862	98.22
18.5	403,371,812.94	961,859.64	0.00238	0.99762	98.08
19.5	388,009,201.85	497,438.04	0.00128	0.99872	97.85
20.5	374,735,678.69	513,870.70	0.00137	0.99863	97.72
21.5	356,923,355.38	334,642.07	0.00094	0.99906	97.59
22.5	338,265,528.18	505,868.12	0.00150	0.99850	97.50
23.5	327,054,705.24	516,965.23	0.00158	0.99842	97.35
24.5	312,946,972.50	373,375.61	0.00119	0.99881	97.20
25.5	305,577,897.00	382,740.83	0.00125	0.99875	97.08
26.5	286,616,897.95	409,552.08	0.00143	0.99857	96.96
27.5	272,272,728.25	391,320.39	0.00144	0.99856	96.82
28.5	255,738,400.07	339,964.62	0.00133	0.99867	96.68
29.5	237,194,007.04	296,787.95	0.00125	0.99875	96.55
30.5	219,969,549.54	361,374.13	0.00164	0.99836	96.43
31.5	202,848,309.55	280,224.09	0.00138	0.99862	96.27
32.5	185,031,464.51	426,801.87	0.00231	0.99769	96.14
33.5	169,370,518.64	432,051.14	0.00255	0.99745	95.92
34.5	153,321,570.52	318,211.78	0.00208	0.99792	95.67
35.5	141,182,898.30	462,182.00	0.00327	0.99673	95.47
36.5	130,755,509.71	361,454.86	0.00276	0.99724	95.16
37.5	122,143,290.91	529,413.47	0.00433	0.99567	94.90
38.5	111,544,200.43	309,593.06	0.00278	0.99722	94.49
39.5	100,766,787.17	338,229.25	0.00336	0.99664	94.23
40.5	93,361,232.74	298,762.09	0.00320	0.99680	93.91
41.5	85,811,902.40	276,940.84	0.00323	0.99677	93.61
42.5	81,023,951.22	446,192.61	0.00551	0.99449	93.31
43.5	76,754,827.27	242,988.58	0.00317	0.99683	92.79
44.5	72,863,428.58	515,823.72	0.00708	0.99292	92.50
45.5	67,558,106.03	620,555.52	0.00919	0.99081	91.84
46.5	62,346,037.72	314,154.04	0.00504	0.99496	91.00
47.5	57,543,888.78	146,530.77	0.00255	0.99745	90.54
48.5	53,148,788.53	152,835.05	0.00288	0.99712	90.31
49.5	48,829,962.31	160,542.07	0.00329	0.99671	90.05
50.5	44,869,181.67	178,596.96	0.00398	0.99602	89.75
51.5	42,036,147.82	178,057.71	0.00424	0.99576	89.40
52.5	38,708,178.42	107,783.56	0.00278	0.99722	89.00

Scenario: SDGE Actuarial @ 2020
Account: G376.00-Mains
Placement Band: 1915 - 2020

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	37,008,621.35	126,416.69	0.00342	0.99658	88.77
54.5	35,057,583.35	140,159.65	0.00400	0.99600	88.47
55.5	32,588,260.17	62,207.21	0.00191	0.99809	88.11
56.5	30,015,448.16	56,469.98	0.00188	0.99812	87.94
57.5	27,566,721.13	91,923.18	0.00333	0.99667	87.78
58.5	24,934,063.50	197,614.99	0.00793	0.99207	87.49
59.5	22,556,866.24	49,080.45	0.00218	0.99782	86.79
60.5	19,652,545.30	109,666.50	0.00558	0.99442	86.60
61.5	16,585,074.47	167,404.73	0.01009	0.98991	86.12
62.5	13,286,972.49	58,552.72	0.00441	0.99559	85.25
63.5	11,636,930.19	65,112.49	0.00560	0.99440	84.88
64.5	10,227,556.08	47,575.75	0.00465	0.99535	84.40
65.5	9,117,384.01	41,496.53	0.00455	0.99545	84.01
66.5	8,144,965.87	33,343.28	0.00409	0.99591	83.63
67.5	6,709,260.57	105,486.07	0.01572	0.98428	83.28
68.5	5,836,029.15	96,802.54	0.01659	0.98341	81.98
69.5	4,766,645.17	123,514.67	0.02591	0.97409	80.61
70.5	3,799,747.10	210,363.61	0.05536	0.94464	78.53
71.5	3,106,260.49	47,153.81	0.01518	0.98482	74.18
72.5	2,704,396.57	18,983.66	0.00702	0.99298	73.05
73.5	2,501,660.47	11,258.90	0.00450	0.99550	72.54
74.5	2,276,322.21	12,980.78	0.00570	0.99430	72.21
75.5	1,825,152.84	16,087.01	0.00881	0.99119	71.80
76.5	1,765,764.75	29,721.85	0.01683	0.98317	71.17
77.5	1,709,107.69	9,512.54	0.00557	0.99443	69.97
78.5	1,589,266.48	10,216.90	0.00643	0.99357	69.58
79.5	1,401,021.58	11,553.35	0.00825	0.99175	69.13
80.5	1,347,732.20	16,588.82	0.01231	0.98769	68.56
81.5	1,268,159.24	12,227.92	0.00964	0.99036	67.72
82.5	1,170,652.99	3,319.23	0.00284	0.99716	67.07
83.5	1,134,274.62	7,240.55	0.00638	0.99362	66.88
84.5	1,073,326.08	3,540.15	0.00330	0.99670	66.45
85.5	1,014,065.21	3,935.24	0.00388	0.99612	66.23
86.5	1,002,145.35	9,515.16	0.00949	0.99051	65.97
87.5	984,363.69	27,912.80	0.02836	0.97164	65.35
88.5	902,847.22	4,101.14	0.00454	0.99546	63.50
89.5	717,854.32	29,395.00	0.04095	0.95905	63.21
90.5	647,068.36	18,161.89	0.02807	0.97193	60.62
91.5	521,103.54	3,906.42	0.00750	0.99250	58.92
92.5	349,224.75	1,660.23	0.00475	0.99525	58.48
93.5	289,464.53	152.38	0.00053	0.99947	58.20
94.5	223,907.13	722.63	0.00323	0.99677	58.17
95.5	203,283.19	617.29	0.00304	0.99696	57.98
96.5	150,820.62	266.01	0.00176	0.99824	57.80
97.5	61,455.54	81.21	0.00132	0.99868	57.70
98.5	21,370.72	0.00	0.00000	1.00000	57.62
99.5	12,186.16	0.00	0.00000	1.00000	57.62
100.5	11,158.74	0.00	0.00000	1.00000	57.62
101.5	10,558.17	2.30	0.00022	0.99978	57.62
102.5	6,618.69	27.96	0.00422	0.99578	57.61
103.5	4,693.65	567.22	0.12085	0.87915	57.37
104.5	3,251.67	0.00	0.00000	1.00000	50.44
105.5	0.00	0.00	0.00000	0.00000	50.44

Scenario: SDGE Actuarial @ 2020
Account: G376.00-Mains
Placement Band: 1915 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,387,057,720.70	75,297.23	0.00005	0.99995	100.00
0.5	1,337,120,957.31	459,609.39	0.00034	0.99966	100.00
1.5	1,256,973,104.44	617,893.73	0.00049	0.99951	99.96
2.5	1,150,114,645.87	851,589.28	0.00074	0.99926	99.91
3.5	914,890,521.61	959,430.73	0.00105	0.99895	99.84
4.5	727,981,601.31	985,526.81	0.00135	0.99865	99.73
5.5	654,378,014.22	1,045,350.73	0.00160	0.99840	99.60
6.5	586,736,928.57	615,251.84	0.00105	0.99895	99.44
7.5	570,188,294.35	652,719.47	0.00114	0.99886	99.34
8.5	545,265,530.19	344,834.86	0.00063	0.99937	99.22
9.5	535,068,991.95	648,441.97	0.00121	0.99879	99.16
10.5	522,022,593.23	358,181.67	0.00069	0.99931	99.04
11.5	506,489,126.86	349,347.54	0.00069	0.99931	98.97
12.5	496,772,332.01	457,090.55	0.00092	0.99908	98.90
13.5	484,205,290.71	593,197.36	0.00123	0.99877	98.81
14.5	466,891,247.83	349,012.60	0.00075	0.99925	98.69
15.5	455,782,588.29	426,006.78	0.00093	0.99907	98.62
16.5	440,130,644.51	956,090.47	0.00217	0.99783	98.52
17.5	417,767,348.32	552,685.96	0.00132	0.99868	98.31
18.5	401,019,200.01	935,290.64	0.00233	0.99767	98.18
19.5	385,729,010.46	466,107.04	0.00121	0.99879	97.95
20.5	372,242,878.73	461,723.70	0.00124	0.99876	97.83
21.5	354,361,788.79	290,751.07	0.00082	0.99918	97.71
22.5	335,557,957.56	457,983.12	0.00136	0.99864	97.63
23.5	324,087,184.86	471,043.23	0.00145	0.99855	97.50
24.5	309,935,126.65	304,794.61	0.00098	0.99902	97.36
25.5	302,618,174.90	329,658.83	0.00109	0.99891	97.26
26.5	283,707,576.07	354,249.08	0.00125	0.99875	97.16
27.5	269,430,455.50	326,492.39	0.00121	0.99879	97.04
28.5	253,141,416.57	279,126.62	0.00110	0.99890	96.92
29.5	234,908,792.14	218,213.95	0.00093	0.99907	96.81
30.5	217,845,448.20	306,072.13	0.00140	0.99860	96.72
31.5	200,987,351.87	231,931.09	0.00115	0.99885	96.59
32.5	183,563,532.79	388,551.87	0.00212	0.99788	96.48
33.5	168,089,470.53	395,787.14	0.00235	0.99765	96.27
34.5	152,317,394.30	292,724.78	0.00192	0.99808	96.04
35.5	140,336,028.87	440,222.00	0.00314	0.99686	95.86
36.5	130,138,693.20	344,162.86	0.00264	0.99736	95.56
37.5	121,858,556.32	519,068.47	0.00426	0.99574	95.31
38.5	111,414,086.60	306,697.06	0.00275	0.99725	94.90
39.5	100,697,222.22	336,565.25	0.00334	0.99666	94.64
40.5	93,310,733.21	297,716.09	0.00319	0.99681	94.32
41.5	85,768,006.44	276,345.84	0.00322	0.99678	94.02
42.5	80,994,839.47	444,537.61	0.00549	0.99451	93.72
43.5	76,735,146.90	242,440.58	0.00316	0.99684	93.21
44.5	72,857,813.97	515,823.72	0.00708	0.99292	92.91
45.5	67,558,106.03	620,555.52	0.00919	0.99081	92.25
46.5	62,346,037.72	314,154.04	0.00504	0.99496	91.40
47.5	57,543,888.78	146,530.77	0.00255	0.99745	90.94
48.5	53,148,788.53	152,835.05	0.00288	0.99712	90.71
49.5	48,829,962.31	160,542.07	0.00329	0.99671	90.45
50.5	44,869,181.67	178,596.96	0.00398	0.99602	90.15
51.5	42,036,147.82	178,057.71	0.00424	0.99576	89.79
52.5	38,708,178.42	107,783.56	0.00278	0.99722	89.41

Scenario: SDGE Actuarial @ 2020
Account: G376.00-Mains
Placement Band: 1915 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	37,008,621.35	126,416.69	0.00342	0.99658	89.16
54.5	35,057,583.35	140,159.65	0.00400	0.99600	88.86
55.5	32,588,260.17	62,207.21	0.00191	0.99809	88.50
56.5	30,015,448.16	56,469.98	0.00188	0.99812	88.33
57.5	27,566,721.13	91,923.18	0.00333	0.99667	88.17
58.5	24,934,063.50	197,614.99	0.00793	0.99207	87.87
59.5	22,556,866.24	49,080.45	0.00218	0.99782	87.18
60.5	19,652,545.30	109,666.50	0.00558	0.99442	86.99
61.5	16,585,074.47	167,404.73	0.01009	0.98991	86.50
62.5	13,286,972.49	58,552.72	0.00441	0.99559	85.63
63.5	11,636,930.19	65,112.49	0.00560	0.99440	85.25
64.5	10,227,556.08	47,575.75	0.00465	0.99535	84.77
65.5	9,117,384.01	41,496.53	0.00455	0.99545	84.38
66.5	8,144,965.87	33,343.28	0.00409	0.99591	84.00
67.5	6,709,260.57	105,486.07	0.01572	0.98428	83.65
68.5	5,836,029.15	96,802.54	0.01659	0.98341	82.34
69.5	4,766,645.17	123,514.67	0.02591	0.97409	80.97
70.5	3,799,747.10	210,363.61	0.05536	0.94464	78.87
71.5	3,106,260.49	47,153.81	0.01518	0.98482	74.51
72.5	2,704,396.57	18,983.66	0.00702	0.99298	73.38
73.5	2,501,660.47	11,258.90	0.00450	0.99550	72.86
74.5	2,276,322.21	12,980.78	0.00570	0.99430	72.53
75.5	1,825,152.84	16,087.01	0.00881	0.99119	72.12
76.5	1,765,764.75	29,721.85	0.01683	0.98317	71.49
77.5	1,709,107.69	9,512.54	0.00557	0.99443	70.28
78.5	1,589,266.48	10,216.90	0.00643	0.99357	69.89
79.5	1,401,021.58	11,553.35	0.00825	0.99175	69.44
80.5	1,347,732.20	16,588.82	0.01231	0.98769	68.87
81.5	1,268,159.24	12,227.92	0.00964	0.99036	68.02
82.5	1,170,652.99	3,319.23	0.00284	0.99716	67.36
83.5	1,134,274.62	7,240.55	0.00638	0.99362	67.17
84.5	1,073,326.08	3,540.15	0.00330	0.99670	66.75
85.5	1,014,065.21	3,935.24	0.00388	0.99612	66.53
86.5	1,002,145.35	9,515.16	0.00949	0.99051	66.27
87.5	984,363.69	27,912.80	0.02836	0.97164	65.64
88.5	902,847.22	4,101.14	0.00454	0.99546	63.78
89.5	717,854.32	29,395.00	0.04095	0.95905	63.49
90.5	647,068.36	18,161.89	0.02807	0.97193	60.89
91.5	521,103.54	3,906.42	0.00750	0.99250	59.18
92.5	349,224.75	1,660.23	0.00475	0.99525	58.73
93.5	289,464.53	152.38	0.00053	0.99947	58.46
94.5	223,907.13	722.63	0.00323	0.99677	58.42
95.5	203,283.19	617.29	0.00304	0.99696	58.24
96.5	150,820.62	266.01	0.00176	0.99824	58.06
97.5	61,455.54	81.21	0.00132	0.99868	57.96
98.5	21,370.72	0.00	0.00000	1.00000	57.88
99.5	12,186.16	0.00	0.00000	1.00000	57.88
100.5	11,158.74	0.00	0.00000	1.00000	57.88
101.5	10,558.17	2.30	0.00022	0.99978	57.88
102.5	6,618.69	27.96	0.00422	0.99578	57.87
103.5	4,693.65	567.22	0.12085	0.87915	57.62
104.5	3,251.67	0.00	0.00000	1.00000	50.66
105.5	0.00	0.00	0.00000	0.00000	50.66

Scenario: SDGE Actuarial @ 2020
Account: G376.00-Mains
Placement Band: 1915 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,166,571,637.31	65,431.23	0.00006	0.99994	100.00
0.5	1,131,728,675.92	308,141.39	0.00027	0.99973	99.99
1.5	1,065,851,614.89	483,498.73	0.00045	0.99955	99.97
2.5	973,460,220.37	514,850.28	0.00053	0.99947	99.92
3.5	752,225,296.80	530,469.73	0.00071	0.99929	99.87
4.5	581,036,739.08	824,448.81	0.00142	0.99858	99.80
5.5	518,453,936.02	817,178.73	0.00158	0.99842	99.66
6.5	460,232,074.81	404,736.84	0.00088	0.99912	99.50
7.5	450,957,644.53	402,205.47	0.00089	0.99911	99.41
8.5	435,864,613.30	208,702.86	0.00048	0.99952	99.32
9.5	435,579,979.43	488,146.97	0.00112	0.99888	99.28
10.5	429,193,426.71	226,714.67	0.00053	0.99947	99.16
11.5	420,554,440.33	208,645.54	0.00050	0.99950	99.11
12.5	415,242,480.87	315,798.55	0.00076	0.99924	99.06
13.5	406,645,198.55	328,953.36	0.00081	0.99919	98.99
14.5	393,256,432.80	246,805.60	0.00063	0.99937	98.91
15.5	386,876,348.83	227,591.78	0.00059	0.99941	98.84
16.5	376,321,278.06	739,649.47	0.00197	0.99803	98.79
17.5	359,015,759.30	448,052.96	0.00125	0.99875	98.59
18.5	347,224,667.27	833,127.64	0.00240	0.99760	98.47
19.5	336,362,322.69	363,519.04	0.00108	0.99892	98.23
20.5	326,622,480.58	395,982.70	0.00121	0.99879	98.13
21.5	311,485,395.31	178,560.07	0.00057	0.99943	98.01
22.5	295,963,255.90	368,709.12	0.00125	0.99875	97.95
23.5	286,184,271.31	321,045.23	0.00112	0.99888	97.83
24.5	273,999,878.14	212,860.61	0.00078	0.99922	97.72
25.5	269,148,085.74	242,886.83	0.00090	0.99910	97.64
26.5	252,927,418.90	275,199.08	0.00109	0.99891	97.56
27.5	241,268,728.07	198,980.39	0.00082	0.99918	97.45
28.5	227,513,102.24	217,838.62	0.00096	0.99904	97.37
29.5	211,320,723.58	163,554.95	0.00077	0.99923	97.28
30.5	197,269,832.38	249,897.13	0.00127	0.99873	97.20
31.5	183,456,600.28	152,018.09	0.00083	0.99917	97.08
32.5	169,131,012.60	242,820.87	0.00144	0.99856	97.00
33.5	155,478,501.65	339,670.14	0.00218	0.99782	96.86
34.5	140,920,645.76	223,131.78	0.00158	0.99842	96.65
35.5	130,007,649.37	373,423.00	0.00287	0.99713	96.49
36.5	120,680,955.81	280,818.86	0.00233	0.99767	96.22
37.5	113,654,172.51	453,348.47	0.00399	0.99601	95.99
38.5	104,002,199.56	233,384.06	0.00224	0.99776	95.61
39.5	94,364,335.34	269,190.25	0.00285	0.99715	95.40
40.5	88,052,283.90	231,302.09	0.00263	0.99737	95.12
41.5	81,290,331.74	219,180.84	0.00270	0.99730	94.87
42.5	77,166,515.19	395,609.61	0.00513	0.99487	94.62
43.5	73,157,630.80	201,975.58	0.00276	0.99724	94.13
44.5	69,547,380.81	476,068.72	0.00685	0.99315	93.87
45.5	64,752,264.21	587,857.52	0.00908	0.99092	93.23
46.5	59,626,493.84	279,542.04	0.00469	0.99531	92.38
47.5	54,895,599.35	105,057.77	0.00191	0.99809	91.95
48.5	50,719,335.88	81,053.05	0.00160	0.99840	91.77
49.5	46,693,703.81	92,381.07	0.00198	0.99802	91.63
50.5	42,853,389.49	115,707.96	0.00270	0.99730	91.45
51.5	40,157,376.80	133,576.71	0.00333	0.99667	91.20
52.5	36,963,981.29	72,874.56	0.00197	0.99803	90.89

Scenario: SDGE Actuarial @ 2020
Account: G376.00-Mains
Placement Band: 1915 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	35,344,544.38	72,041.69	0.00204	0.99796	90.72
54.5	33,507,112.67	107,588.65	0.00321	0.99679	90.53
55.5	31,131,776.12	35,557.21	0.00114	0.99886	90.24
56.5	28,601,995.75	41,680.98	0.00146	0.99854	90.14
57.5	26,183,870.42	37,553.18	0.00143	0.99857	90.00
58.5	23,737,021.25	182,620.99	0.00769	0.99231	89.88
59.5	21,573,151.97	38,263.45	0.00177	0.99823	89.18
60.5	18,737,308.35	103,227.50	0.00551	0.99449	89.03
61.5	15,813,852.79	159,324.73	0.01008	0.98992	88.54
62.5	12,749,265.77	39,036.72	0.00306	0.99694	87.64
63.5	11,193,640.08	51,938.49	0.00464	0.99536	87.38
64.5	9,904,272.86	46,809.75	0.00473	0.99527	86.97
65.5	8,826,774.58	39,024.53	0.00442	0.99558	86.56
66.5	7,923,332.36	30,629.28	0.00387	0.99613	86.18
67.5	6,615,994.98	105,104.07	0.01589	0.98411	85.84
68.5	5,791,370.32	96,529.54	0.01667	0.98333	84.48
69.5	4,742,525.22	122,382.67	0.02581	0.97419	83.07
70.5	3,777,786.57	210,352.61	0.05568	0.94432	80.93
71.5	3,084,927.53	47,153.81	0.01529	0.98471	76.42
72.5	2,689,886.82	18,980.66	0.00706	0.99294	75.25
73.5	2,489,053.10	11,258.90	0.00452	0.99548	74.72
74.5	2,270,707.60	12,980.78	0.00572	0.99428	74.38
75.5	1,825,152.84	16,087.01	0.00881	0.99119	73.96
76.5	1,765,764.75	29,721.85	0.01683	0.98317	73.31
77.5	1,709,107.69	9,512.54	0.00557	0.99443	72.07
78.5	1,589,266.48	10,216.90	0.00643	0.99357	71.67
79.5	1,401,021.58	11,553.35	0.00825	0.99175	71.21
80.5	1,347,732.20	16,588.82	0.01231	0.98769	70.62
81.5	1,268,159.24	12,227.92	0.00964	0.99036	69.75
82.5	1,170,652.99	3,319.23	0.00284	0.99716	69.08
83.5	1,134,274.62	7,240.55	0.00638	0.99362	68.89
84.5	1,073,326.08	3,540.15	0.00330	0.99670	68.45
85.5	1,014,065.21	3,935.24	0.00388	0.99612	68.22
86.5	1,002,145.35	9,515.16	0.00949	0.99051	67.96
87.5	984,363.69	27,912.80	0.02836	0.97164	67.31
88.5	902,847.22	4,101.14	0.00454	0.99546	65.40
89.5	717,854.32	29,395.00	0.04095	0.95905	65.11
90.5	647,068.36	18,161.89	0.02807	0.97193	62.44
91.5	521,103.54	3,906.42	0.00750	0.99250	60.69
92.5	349,224.75	1,660.23	0.00475	0.99525	60.23
93.5	289,464.53	152.38	0.00053	0.99947	59.95
94.5	223,907.13	722.63	0.00323	0.99677	59.91
95.5	203,283.19	617.29	0.00304	0.99696	59.72
96.5	150,820.62	266.01	0.00176	0.99824	59.54
97.5	61,455.54	81.21	0.00132	0.99868	59.43
98.5	21,370.72	0.00	0.00000	1.00000	59.35
99.5	12,186.16	0.00	0.00000	1.00000	59.35
100.5	11,158.74	0.00	0.00000	1.00000	59.35
101.5	10,558.17	2.30	0.00022	0.99978	59.35
102.5	6,618.69	27.96	0.00422	0.99578	59.34
103.5	4,693.65	567.22	0.12085	0.87915	59.09
104.5	3,251.67	0.00	0.00000	1.00000	51.95
105.5	0.00	0.00	0.00000	0.00000	51.95

Scenario: SDGE Actuarial @ 2020
Account: G376.00-Mains
Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,387,057,720.70	75,297.23	0.00005	0.99995	100.00
0.5	1,333,934,272.25	457,496.39	0.00034	0.99966	100.00
1.5	1,250,421,410.88	614,795.73	0.00049	0.99951	99.96
2.5	1,139,817,151.95	833,162.28	0.00073	0.99927	99.91
3.5	902,674,839.77	944,727.73	0.00105	0.99895	99.84
4.5	714,286,126.24	950,655.81	0.00133	0.99867	99.73
5.5	639,519,295.32	992,779.73	0.00155	0.99845	99.60
6.5	570,791,237.64	577,564.84	0.00101	0.99899	99.45
7.5	552,668,568.92	584,590.47	0.00106	0.99894	99.35
8.5	526,841,619.23	309,142.86	0.00059	0.99941	99.24
9.5	515,526,961.95	554,832.97	0.00108	0.99892	99.18
10.5	501,436,186.24	283,221.67	0.00056	0.99944	99.08
11.5	485,150,483.69	258,604.54	0.00053	0.99947	99.02
12.5	474,804,994.21	423,096.55	0.00089	0.99911	98.97
13.5	461,976,067.35	468,315.36	0.00101	0.99899	98.88
14.5	444,501,639.77	297,029.60	0.00067	0.99933	98.78
15.5	432,927,735.28	304,823.78	0.00070	0.99930	98.72
16.5	417,316,517.56	890,792.47	0.00213	0.99787	98.65
17.5	394,962,360.92	484,257.96	0.00123	0.99877	98.44
18.5	378,065,506.83	862,344.64	0.00228	0.99772	98.32
19.5	362,585,847.13	397,780.04	0.00110	0.99890	98.09
20.5	349,079,711.08	414,571.70	0.00119	0.99881	97.98
21.5	331,142,108.98	218,917.07	0.00066	0.99934	97.87
22.5	312,301,601.86	394,747.12	0.00126	0.99874	97.80
23.5	300,804,431.00	366,385.23	0.00122	0.99878	97.68
24.5	286,649,861.50	252,613.61	0.00088	0.99912	97.56
25.5	279,307,221.12	268,040.83	0.00096	0.99904	97.47
26.5	260,430,227.65	303,532.08	0.00117	0.99883	97.38
27.5	246,176,536.38	260,671.39	0.00106	0.99894	97.27
28.5	229,756,990.99	218,880.62	0.00095	0.99905	97.16
29.5	211,320,723.58	163,554.95	0.00077	0.99923	97.07
30.5	194,211,325.32	248,564.13	0.00128	0.99872	97.00
31.5	177,197,280.72	141,412.09	0.00080	0.99920	96.87
32.5	159,519,247.68	208,331.87	0.00131	0.99869	96.79
33.5	144,076,771.81	317,352.14	0.00220	0.99780	96.67
34.5	128,142,522.69	171,410.78	0.00134	0.99866	96.45
35.5	116,150,651.47	333,723.00	0.00287	0.99713	96.33
36.5	105,851,721.88	255,784.86	0.00242	0.99758	96.05
37.5	97,345,064.08	432,587.47	0.00444	0.99556	95.82
38.5	86,843,143.60	191,766.99	0.00221	0.99779	95.39
39.5	76,183,556.41	200,363.81	0.00263	0.99737	95.18
40.5	68,915,867.42	158,823.27	0.00230	0.99770	94.93
41.5	61,506,515.90	169,792.30	0.00276	0.99724	94.71
42.5	56,825,713.26	353,748.63	0.00623	0.99377	94.45
43.5	52,649,033.29	156,009.72	0.00296	0.99704	93.86
44.5	48,844,620.46	308,731.49	0.00632	0.99368	93.59
45.5	43,746,390.14	530,228.86	0.01212	0.98788	93.00
46.5	38,624,648.49	244,472.64	0.00633	0.99367	91.87
47.5	33,892,480.95	79,771.24	0.00235	0.99765	91.29
48.5	29,564,140.23	45,999.97	0.00156	0.99844	91.07
49.5	25,352,149.09	62,258.08	0.00246	0.99754	90.93
50.5	21,489,652.44	79,639.00	0.00371	0.99629	90.71
51.5	18,755,590.55	69,822.85	0.00372	0.99628	90.37
52.5	15,535,856.01	51,934.84	0.00334	0.99666	90.03

Scenario: SDGE Actuarial @ 2020

Account: G376.00-Mains

Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	13,896,067.66	28,759.14	0.00207	0.99793	89.73
54.5	12,047,023.21	56,548.82	0.00469	0.99531	89.55
55.5	9,662,397.86	20,870.79	0.00216	0.99784	89.13
56.5	7,130,922.27	14,144.18	0.00198	0.99802	88.93
57.5	4,724,521.04	3,433.12	0.00073	0.99927	88.76
58.5	2,180,353.47	771.20	0.00035	0.99965	88.69
59.5	0.00	0.00	0.00000	0.00000	88.66

Scenario: SDGE Actuarial @ 2020
Account: G376.00-Mains
Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,166,571,637.31	65,431.23	0.00006	0.99994	100.00
0.5	1,131,728,675.92	308,141.39	0.00027	0.99973	99.99
1.5	1,065,851,614.89	483,498.73	0.00045	0.99955	99.97
2.5	973,460,220.37	514,850.28	0.00053	0.99947	99.92
3.5	752,225,296.80	530,469.73	0.00071	0.99929	99.87
4.5	581,036,739.08	824,448.81	0.00142	0.99858	99.80
5.5	518,453,936.02	817,178.73	0.00158	0.99842	99.66
6.5	460,232,074.81	404,736.84	0.00088	0.99912	99.50
7.5	450,957,644.53	402,205.47	0.00089	0.99911	99.41
8.5	435,864,613.30	208,702.86	0.00048	0.99952	99.32
9.5	435,579,979.43	488,146.97	0.00112	0.99888	99.28
10.5	429,193,426.71	226,714.67	0.00053	0.99947	99.16
11.5	420,554,440.33	208,645.54	0.00050	0.99950	99.11
12.5	415,242,480.87	315,798.55	0.00076	0.99924	99.06
13.5	406,645,198.55	328,953.36	0.00081	0.99919	98.99
14.5	393,256,432.80	246,805.60	0.00063	0.99937	98.91
15.5	386,876,348.83	227,591.78	0.00059	0.99941	98.84
16.5	376,321,278.06	739,649.47	0.00197	0.99803	98.79
17.5	359,015,759.30	448,052.96	0.00125	0.99875	98.59
18.5	347,224,667.27	833,127.64	0.00240	0.99760	98.47
19.5	336,362,322.69	363,519.04	0.00108	0.99892	98.23
20.5	326,622,480.58	395,982.70	0.00121	0.99879	98.13
21.5	311,485,395.31	178,560.07	0.00057	0.99943	98.01
22.5	295,963,255.90	368,709.12	0.00125	0.99875	97.95
23.5	286,184,271.31	321,045.23	0.00112	0.99888	97.83
24.5	273,999,878.14	212,860.61	0.00078	0.99922	97.72
25.5	269,148,085.74	242,886.83	0.00090	0.99910	97.64
26.5	252,927,418.90	275,199.08	0.00109	0.99891	97.56
27.5	241,268,728.07	198,980.39	0.00082	0.99918	97.45
28.5	227,513,102.24	217,838.62	0.00096	0.99904	97.37
29.5	211,320,723.58	163,554.95	0.00077	0.99923	97.28
30.5	194,211,325.32	248,564.13	0.00128	0.99872	97.20
31.5	177,197,280.72	141,412.09	0.00080	0.99920	97.08
32.5	159,519,247.68	208,331.87	0.00131	0.99869	97.00
33.5	144,076,771.81	317,352.14	0.00220	0.99780	96.87
34.5	128,142,522.69	171,410.78	0.00134	0.99866	96.66
35.5	116,150,651.47	333,723.00	0.00287	0.99713	96.53
36.5	105,851,721.88	255,784.86	0.00242	0.99758	96.25
37.5	97,345,064.08	432,587.47	0.00444	0.99556	96.02
38.5	86,843,143.60	191,766.99	0.00221	0.99779	95.59
39.5	76,183,556.41	200,363.81	0.00263	0.99737	95.38
40.5	68,915,867.42	158,823.27	0.00230	0.99770	95.13
41.5	61,506,515.90	169,792.30	0.00276	0.99724	94.91
42.5	56,825,713.26	353,748.63	0.00623	0.99377	94.65
43.5	52,649,033.29	156,009.72	0.00296	0.99704	94.06
44.5	48,844,620.46	308,731.49	0.00632	0.99368	93.78
45.5	43,746,390.14	530,228.86	0.01212	0.98788	93.19
46.5	38,624,648.49	244,472.64	0.00633	0.99367	92.06
47.5	33,892,480.95	79,771.24	0.00235	0.99765	91.48
48.5	29,564,140.23	45,999.97	0.00156	0.99844	91.26
49.5	25,352,149.09	62,258.08	0.00246	0.99754	91.12
50.5	21,489,652.44	79,639.00	0.00371	0.99629	90.90
51.5	18,755,590.55	69,822.85	0.00372	0.99628	90.56
52.5	15,535,856.01	51,934.84	0.00334	0.99666	90.22

Scenario: SDGE Actuarial @ 2020

Account: G376.00-Mains

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	13,896,067.66	28,759.14	0.00207	0.99793	89.92
54.5	12,047,023.21	56,548.82	0.00469	0.99531	89.74
55.5	9,662,397.86	20,870.79	0.00216	0.99784	89.31
56.5	7,130,922.27	14,144.18	0.00198	0.99802	89.12
57.5	4,724,521.04	3,433.12	0.00073	0.99927	88.95
58.5	2,180,353.47	771.20	0.00035	0.99965	88.88
59.5	0.00	0.00	0.00000	0.00000	88.85

Scenario: SDGE Actuarial @ 2020

Account: G376.00-Mains

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,166,571,637.31	65,431.23	0.00006	0.99994	100.00
0.5	1,113,458,054.86	300,192.39	0.00027	0.99973	99.99
1.5	1,030,102,497.49	457,511.73	0.00044	0.99956	99.97
2.5	919,655,522.56	468,516.28	0.00051	0.99949	99.92
3.5	682,877,856.38	327,211.73	0.00048	0.99952	99.87
4.5	495,106,658.85	602,614.81	0.00122	0.99878	99.82
5.5	420,687,868.93	693,168.73	0.00165	0.99835	99.70
6.5	352,259,422.25	189,045.84	0.00054	0.99946	99.54
7.5	334,508,095.53	265,380.47	0.00079	0.99921	99.48
8.5	309,023,701.84	71,819.88	0.00023	0.99977	99.40
9.5	298,045,861.54	147,836.64	0.00050	0.99950	99.38
10.5	284,481,969.16	154,731.94	0.00054	0.99946	99.33
11.5	268,742,098.34	112,648.24	0.00042	0.99958	99.28
12.5	258,542,565.16	85,669.47	0.00033	0.99967	99.24
13.5	246,051,065.38	24,499.00	0.00010	0.99990	99.20
14.5	229,020,454.16	53,209.47	0.00023	0.99977	99.19
15.5	217,690,369.80	73,263.64	0.00034	0.99966	99.17
16.5	202,310,712.22	634,761.35	0.00314	0.99686	99.14
17.5	180,212,586.70	99,645.63	0.00055	0.99945	98.82
18.5	163,698,248.94	129,987.59	0.00079	0.99921	98.77
19.5	148,950,946.29	136,314.97	0.00092	0.99908	98.69
20.5	135,706,275.31	64,628.38	0.00048	0.99952	98.60
21.5	118,080,077.59	43,810.43	0.00037	0.99963	98.55
22.5	99,414,677.11	27,197.10	0.00027	0.99973	98.52
23.5	88,285,103.27	92,178.74	0.00104	0.99896	98.49
24.5	74,404,740.26	55,052.79	0.00074	0.99926	98.39
25.5	67,223,576.82	84,337.87	0.00125	0.99875	98.32
26.5	48,530,286.31	19,040.45	0.00039	0.99961	98.19
27.5	34,561,086.67	2,423.11	0.00007	0.99993	98.16
28.5	18,225,377.56	215.77	0.00001	0.99999	98.15
29.5	0.00	0.00	0.00000	0.00000	98.15

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G376.00-Mains

Scenario: SDGE Actuarial @ 2020

Placement Band: 1915 - 1951

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -1951	36.5	64.11	0.00283952	L1.5	45.23
1948 -1952	37.5	58.87	0.00311940	L1.5	43.96
1949 -1953	38.5	54.02	0.00337761	L1.5	42.17
1950 -1954	39.5	50.78	0.00403546	L1.5	40.32
1951 -1955	40.5	50.62	0.00453401	L1	42.21
1952 -1956	41.5	52.01	0.00581629	L1	42.58
1953 -1957	42.5	53.74	0.00833795	L0.5	47.26
1954 -1958	43.5	52.72	0.01148408	L0	49.05
1955 -1959	44.5	48.67	0.01309434	L0.5	45.64
1956 -1960	45.5	44.74	0.01157557	L0.5	44.60
1957 -1961	46.5	40.61	0.00849482	S0	40.08
1958 -1962	47.5	37.60	0.01107317	S0.5	39.12
1959 -1963	48.5	38.88	0.01223093	S0.5	42.08
1960 -1964	49.5	38.70	0.00499565	S1	42.91
1961 -1965	50.5	37.81	0.00334612	S1	43.62
1962 -1966	51.5	42.86	0.00724318	S1	45.65
1963 -1967	52.5	44.43	0.00781472	L2	49.64
1964 -1968	53.5	43.33	0.00882894	S1	48.33
1965 -1969	54.5	48.64	0.01551145	S1	50.77
1966 -1970	55.5	58.56	0.00500405	S0.5	59.69
1967 -1971	56.5	65.56	0.00511550	L1	72.80
1968 -1972	57.5	69.18	0.00424868	L0.5	85.79
1969 -1973	58.5	68.07	0.00236964	S0	77.50
1970 -1974	59.5	53.97	0.00717293	R2	57.82
1971 -1975	60.5	43.48	0.01166735	R2.5	54.91
1972 -1976	61.5	41.88	0.02648691	R2.5	55.26
1973 -1977	62.5	32.91	0.01815727	R3	52.03
1974 -1978	63.5	27.72	0.02124222	R3	53.17
1975 -1979	64.5	28.59	0.03331097	S3	55.03
1976 -1980	65.5	35.89	0.02949320	S3	58.08
1977 -1981	66.5	37.24	0.03058899	S3	60.06
1978 -1982	67.5	48.86	0.02887778	L3	69.07
1979 -1983	68.5	54.52	0.02327277	L3	70.71
1980 -1984	69.5	60.77	0.02487533	R3	71.50
1981 -1985	70.5	68.81	0.01739125	L2	89.77
1982 -1986	71.5	64.27	0.01202213	R2.5	78.16
1983 -1987	72.5	62.98	0.01009493	R2.5	78.08
1984 -1988	73.5	66.77	0.00768285	R2.5	80.10
1985 -1989	74.5	66.01	0.01126030	R2.5	78.84
1986 -1990	75.5	66.73	0.01061057	R2	86.90
1987 -1991	76.5	72.92	0.00721926	R2	93.88
1988 -1992	77.5	70.33	0.00533247	R2	93.56
1989 -1993	78.5	63.21	0.01350848	R2	84.60
1990 -1994	79.5	53.26	0.01336593	R2	80.17

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G376.00-Mains
Scenario: SDGE Actuarial @ 2020
Placement Band: 1915 - 1995
Function: Survivorship Annual Rate Method
Weighting: Unweighted
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1991 -1995	80.5	55.35	0.01677030	S1	85.63
1992 -1996	81.5	49.65	0.02939014	R2.5	79.89
1993 -1997	82.5	37.57	0.07391911	R3	78.79
1994 -1998	83.5	46.69	0.07150567	R3	83.35
1995 -1999	84.5	54.40	0.03937795	R2.5	89.99
1996 -2000	85.5	50.50	0.05858737	R2.5	87.72
1997 -2001	86.5	48.86	0.04820211	R2.5	89.09
1998 -2002	87.5	60.01	0.02649332	R2.5	92.76
1999 -2003	88.5	65.40	0.01658644	R2.5	99.20
2000 -2004	89.5	70.86	0.03094751	L2	118.57
2001 -2005	90.5	69.71	0.00754680	R2.5	111.12
2002 -2006	91.5	68.28	0.01170845	L1.5	144.52
2003 -2007	92.5	67.50	0.01206275	R3	104.07
2004 -2008	93.5	59.58	0.05484076	R3	104.08
2005 -2009	94.5	60.91	0.05360380	R3	103.55
2006 -2010	95.5	63.87	0.10580638	L3	114.57
2007 -2011	96.5	77.45	0.02292431	R2.5	131.74
2008 -2012	97.5	57.55	0.22319677	R4	98.66
2009 -2013	98.5	61.77	0.15672611	R3	108.92
2010 -2014	99.5	69.81	0.08262882	R3	113.60
2011 -2015	100.5	70.57	0.07023706	R2.5	125.29
2012 -2016	101.5	70.19	0.04419381	R3	112.50
2013 -2017	102.5	71.61	0.02030947	R2.5	119.57
2014 -2018	103.5	75.45	0.00882127	L1	167.01
2015 -2019	104.5	43.53	0.09933775	L2	101.57
2016 -2020	105.5	42.61	0.07905666	L2	99.23

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G376.00-Mains

Scenario: SDGE Actuarial @ 2020

Placement Band: 1915 - 2020

Function: Survivorship Annual Rate Method

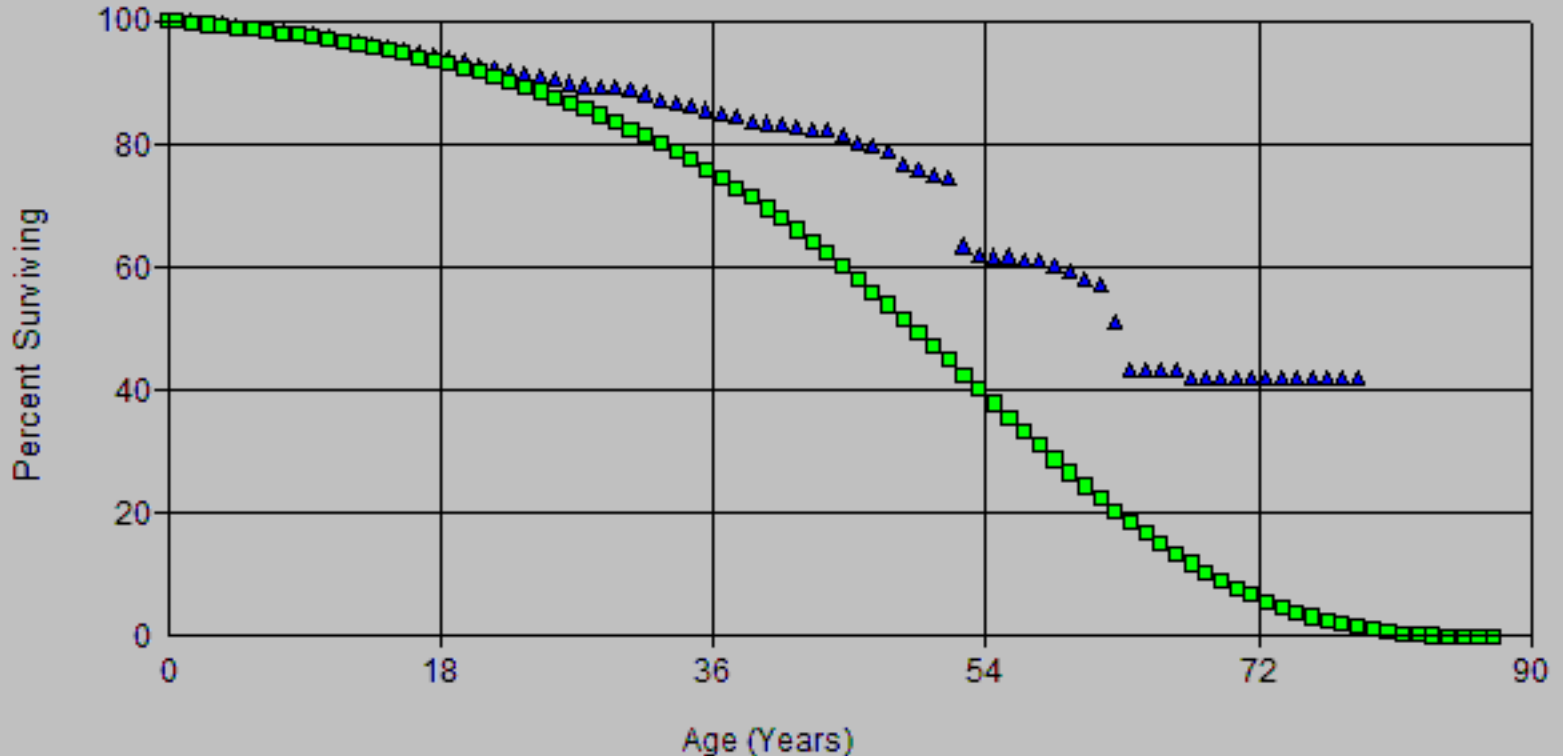
Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -2020	105.5	50.43	0.02627547	L1.5	115.04
1952 -2020	105.5	50.47	0.02647833	L1.5	115.19
1957 -2020	105.5	50.56	0.02703458	L1.5	115.59
1962 -2020	105.5	50.69	0.02811617	L1.5	116.14
1967 -2020	105.5	50.87	0.02981223	L1.5	116.82
1972 -2020	105.5	50.99	0.03121345	L1.5	117.35
1977 -2020	105.5	51.29	0.03394789	S1	107.27
1982 -2020	105.5	51.63	0.03549747	S1	108.00
1987 -2020	105.5	51.78	0.03607676	S1	108.42
1992 -2020	105.5	51.98	0.03701205	S1	109.13
1997 -2020	105.5	52.19	0.04069199	L2	112.99
2002 -2020	105.5	52.05	0.04074849	L2	113.28
2007 -2020	105.5	50.82	0.04628648	L2	111.35
2012 -2020	105.5	47.79	0.05425494	L2	106.97
2017 -2020	105.5	38.54	0.09256400	L2	94.90

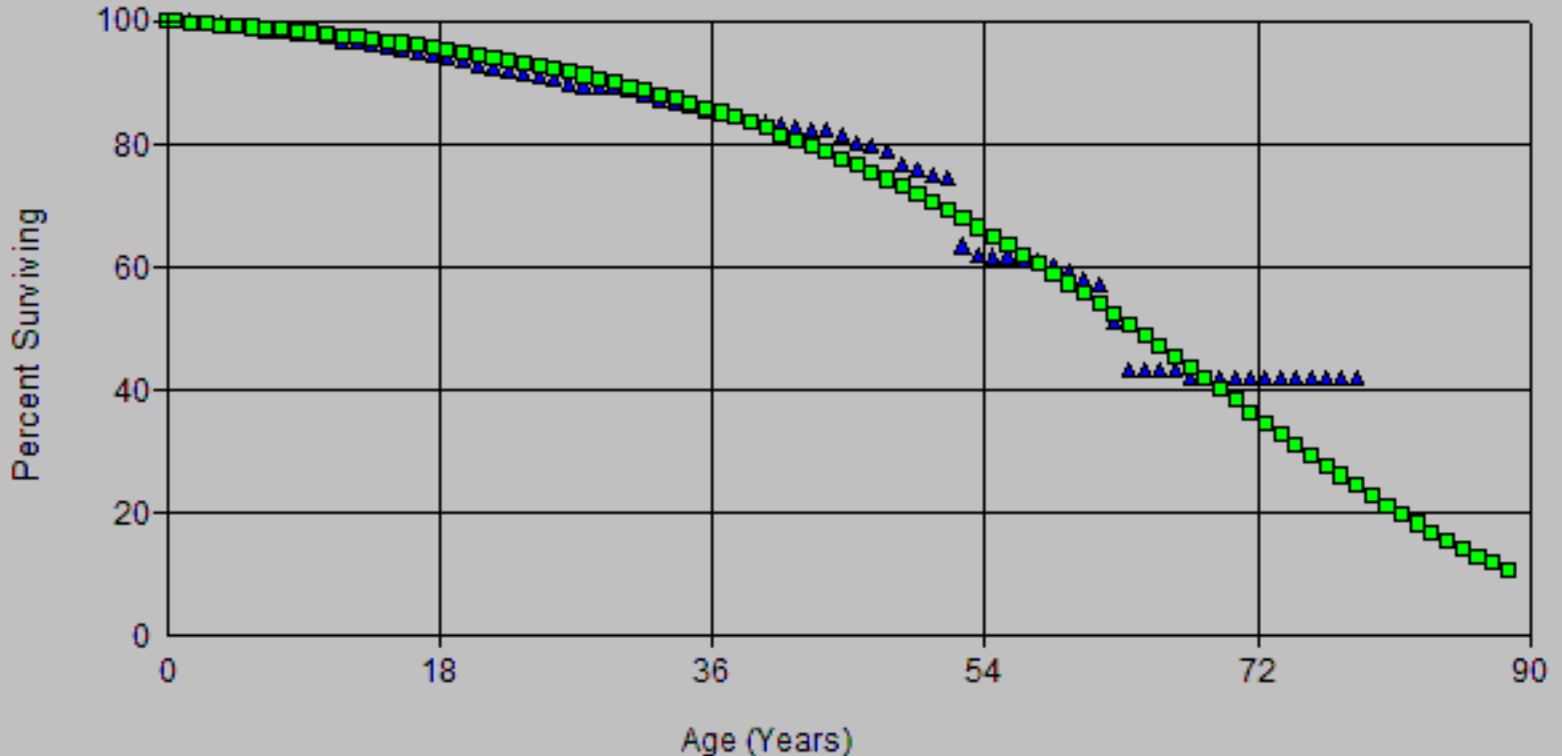
SDG&E
 2024 GRC - APD
 Depreciation
 Account: G378.00 Meas & Reg Statn Eq
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2 47.00



SDG&E
 2024 GRC - APD
 Depreciation
 Account: G378.00 Meas & Reg Statn Eq
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2 61.00

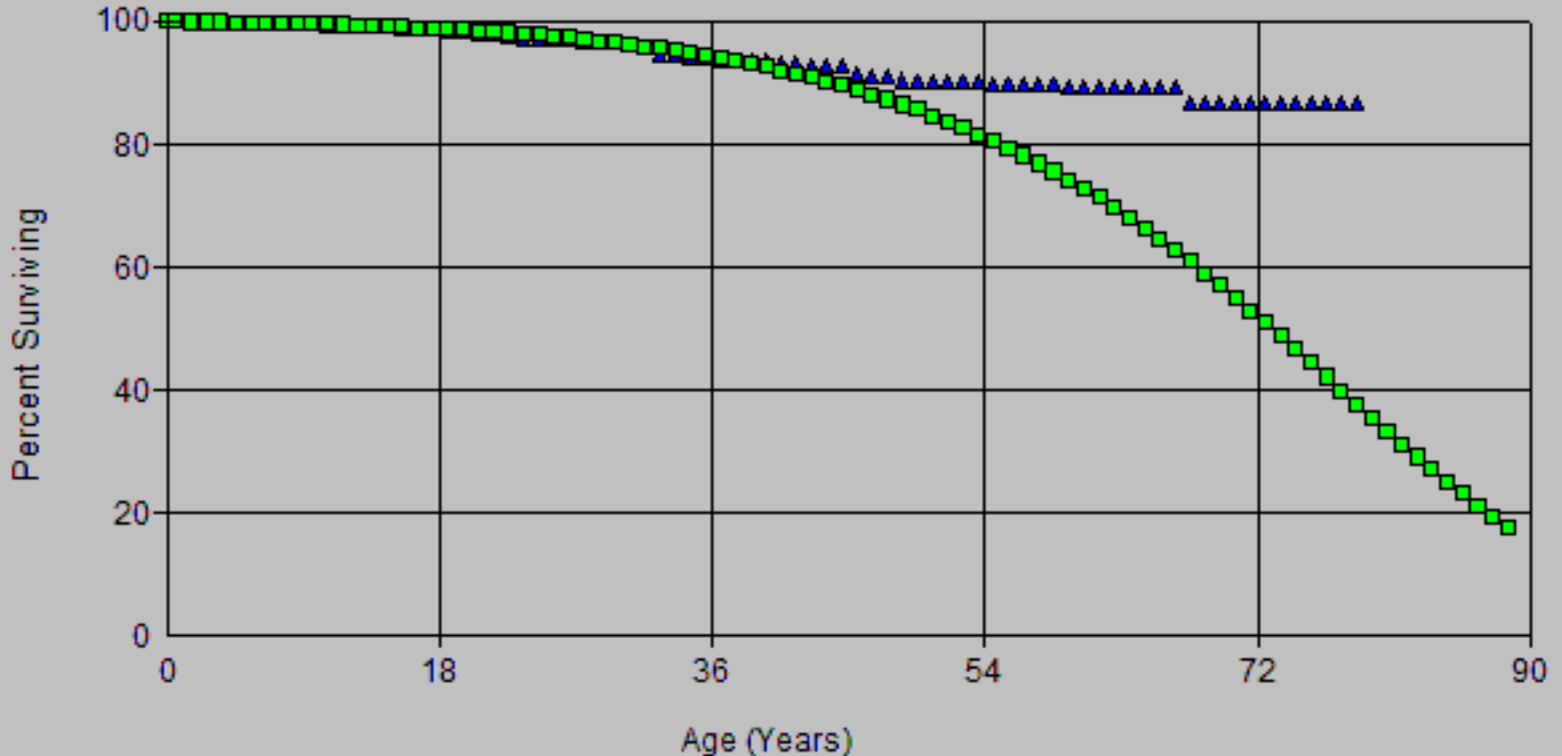


SDG&E
 2024 GRC APR
 Depreciation

Account: G378.00 Meas & Reg Statn Eq

Scenario: SDGE Actuarial @ 2020

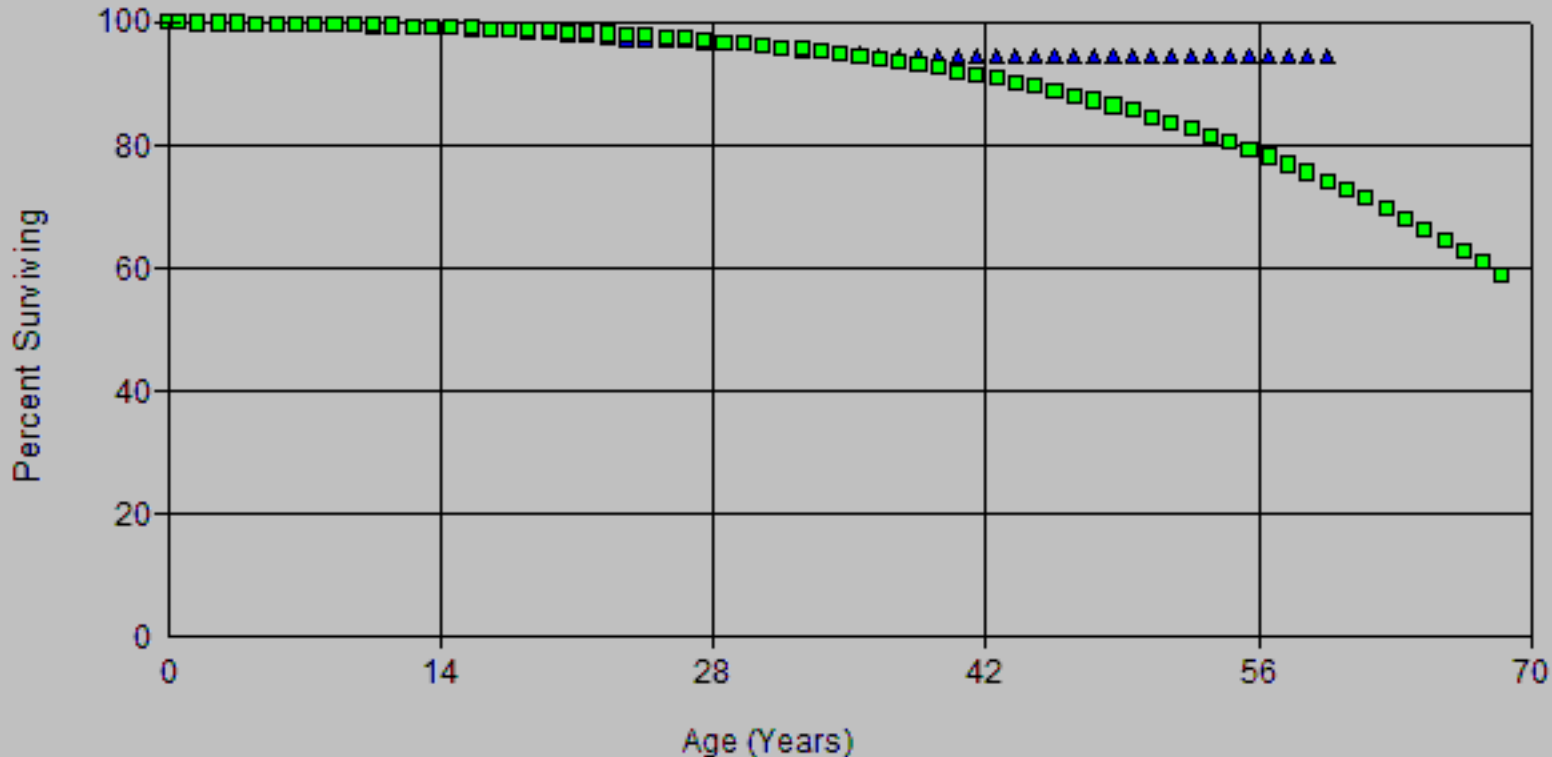
▲ Actual Data ■ R3 70.00



Account: G378.00 Meas & Reg Statn Eq
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC APR
 Depreciation

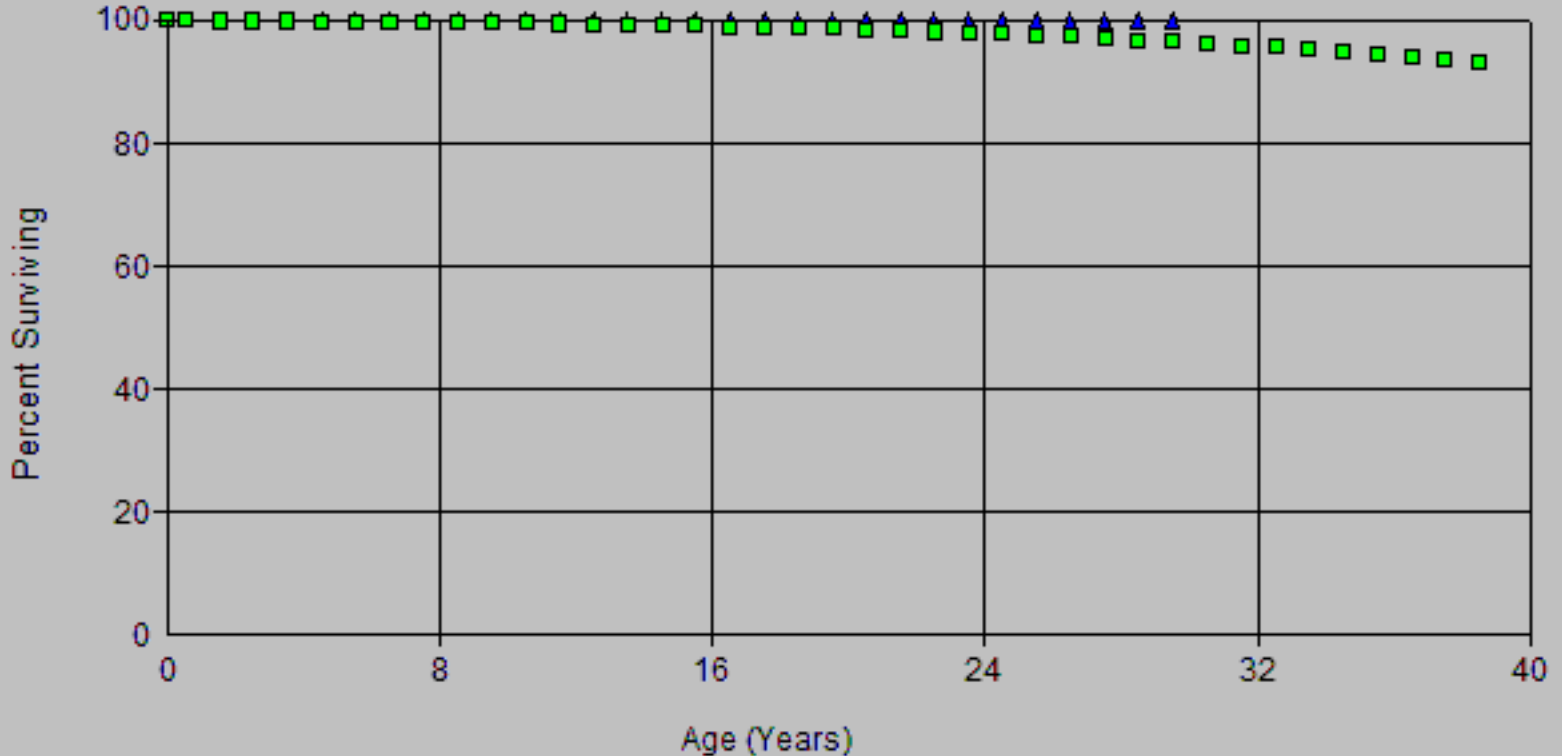
▲ Actual Data ■ R3 70.00



Account: G378.00 Meas & Reg Statn Eq
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRC APD
 Depreciation

▲ Actual Data ■ R3 70.00



Scenario: SDGE Actuarial @ 2020
 Account: G378.00-Meas & Reg Statn Eq
 Placement Band: 1917 - 2020

Observed Life Table
 SDG&E
 2024 GRC - APP
 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	19,754,728.77	558.73	0.00003	0.99997	100.00
0.5	21,282,477.97	2,343.00	0.00011	0.99989	100.00
1.5	21,606,462.46	36,079.00	0.00167	0.99833	99.99
2.5	19,016,945.61	5,065.00	0.00027	0.99973	99.82
3.5	18,796,049.01	94,022.00	0.00500	0.99500	99.79
4.5	18,697,579.81	43,087.00	0.00230	0.99770	99.29
5.5	18,287,855.83	74,274.00	0.00406	0.99594	99.07
6.5	17,619,380.28	54,459.00	0.00309	0.99691	98.66
7.5	15,731,151.83	24,031.00	0.00153	0.99847	98.36
8.5	14,016,462.46	39,045.19	0.00279	0.99721	98.21
9.5	12,981,080.51	54,351.73	0.00419	0.99581	97.93
10.5	10,495,910.92	69,361.00	0.00661	0.99339	97.52
11.5	9,308,165.10	30,583.00	0.00329	0.99671	96.88
12.5	8,934,623.38	29,979.00	0.00336	0.99664	96.56
13.5	8,636,679.72	19,144.00	0.00222	0.99778	96.24
14.5	8,408,962.50	48,122.00	0.00572	0.99428	96.02
15.5	7,832,682.85	30,176.98	0.00385	0.99615	95.47
16.5	7,750,072.23	52,302.00	0.00675	0.99325	95.11
17.5	7,306,090.12	35,803.00	0.00490	0.99510	94.46
18.5	7,083,417.59	36,352.00	0.00513	0.99487	94.00
19.5	6,845,437.62	35,816.65	0.00523	0.99477	93.52
20.5	6,457,723.98	43,419.48	0.00672	0.99328	93.03
21.5	6,077,186.23	36,542.15	0.00601	0.99399	92.40
22.5	5,001,656.46	21,352.00	0.00427	0.99573	91.85
23.5	4,254,575.93	12,683.00	0.00298	0.99702	91.46
24.5	4,122,739.67	28,525.00	0.00692	0.99308	91.18
25.5	3,907,277.14	21,531.00	0.00551	0.99449	90.55
26.5	3,652,272.21	21,277.58	0.00583	0.99417	90.05
27.5	3,506,068.12	3,401.00	0.00097	0.99903	89.53
28.5	3,308,847.91	6,757.00	0.00204	0.99796	89.44
29.5	3,060,403.02	13,887.00	0.00454	0.99546	89.26
30.5	2,687,114.64	16,655.61	0.00620	0.99380	88.86
31.5	2,273,553.47	31,239.00	0.01374	0.98626	88.30
32.5	2,136,578.36	4,570.00	0.00214	0.99786	87.09
33.5	2,060,020.81	17,050.25	0.00828	0.99172	86.91
34.5	1,894,840.09	12,588.00	0.00664	0.99336	86.19
35.5	1,732,825.90	13,890.99	0.00802	0.99198	85.61
36.5	1,642,062.19	6,558.00	0.00399	0.99601	84.93
37.5	1,302,294.38	15,350.00	0.01179	0.98821	84.59
38.5	1,127,898.43	1,605.00	0.00142	0.99858	83.59
39.5	1,065,637.96	3,802.00	0.00357	0.99643	83.47
40.5	1,011,951.03	2,149.00	0.00212	0.99788	83.17
41.5	817,404.14	5,863.00	0.00717	0.99283	83.00
42.5	695,519.21	954.00	0.00137	0.99863	82.40
43.5	639,698.99	4,533.00	0.00709	0.99291	82.29
44.5	628,463.59	12,407.63	0.01974	0.98026	81.71
45.5	457,382.26	1,939.00	0.00424	0.99576	80.09
46.5	397,243.78	3,996.00	0.01006	0.98994	79.75
47.5	284,279.29	7,293.00	0.02565	0.97435	78.95
48.5	171,624.70	2,524.00	0.01471	0.98529	76.93
49.5	126,741.93	1,438.00	0.01135	0.98865	75.79
50.5	102,557.20	322.00	0.00314	0.99686	74.93
51.5	99,332.45	14,791.00	0.14890	0.85110	74.70
52.5	82,992.15	2,135.00	0.02573	0.97427	63.58

Scenario: SDGE Actuarial @ 2020

Account: G378.00-Meas & Reg Statn Eq

Placement Band: 1917 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	59,812.39	169.00	0.00283	0.99717	61.94
54.5	41,388.24	0.00	0.00000	1.00000	61.77
55.5	39,923.32	346.00	0.00867	0.99133	61.77
56.5	38,517.45	0.00	0.00000	1.00000	61.23
57.5	32,669.88	463.00	0.01417	0.98583	61.23
58.5	25,175.34	366.00	0.01454	0.98546	60.36
59.5	15,177.38	322.00	0.02122	0.97878	59.48
60.5	14,855.38	211.00	0.01420	0.98580	58.22
61.5	5,991.41	660.00	0.11016	0.88984	57.39
62.5	5,331.41	815.00	0.15287	0.84713	51.07
63.5	4,516.41	0.00	0.00000	1.00000	43.26
64.5	4,516.41	0.00	0.00000	1.00000	43.26
65.5	3,473.08	0.00	0.00000	1.00000	43.26
66.5	3,473.08	93.00	0.02678	0.97322	43.26
67.5	3,380.08	0.00	0.00000	1.00000	42.11
68.5	3,205.08	0.00	0.00000	1.00000	42.11
69.5	3,205.08	0.00	0.00000	1.00000	42.11
70.5	3,205.08	0.00	0.00000	1.00000	42.11
71.5	3,205.08	0.00	0.00000	1.00000	42.11
72.5	3,205.08	0.00	0.00000	1.00000	42.11
73.5	3,205.08	0.00	0.00000	1.00000	42.11
74.5	3,205.08	0.00	0.00000	1.00000	42.11
75.5	3,171.17	0.00	0.00000	1.00000	42.11
76.5	3,171.17	0.00	0.00000	1.00000	42.11
77.5	3,171.17	0.00	0.00000	1.00000	42.11
78.5	0.00	0.00	0.00000	1.00000	42.11

Scenario: SDGE Actuarial @ 2020

Account: G378.00-Meas & Reg Statn Eq

Placement Band: 1917 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	16,358,442.19	558.73	0.00003	0.99997	100.00
0.5	18,115,152.77	3.00	0.00000	1.00000	100.00
1.5	18,729,221.78	1,619.00	0.00009	0.99991	100.00
2.5	16,276,374.04	0.00	0.00000	1.00000	99.99
3.5	16,142,064.99	16,000.00	0.00099	0.99901	99.99
4.5	16,263,174.21	0.00	0.00000	1.00000	99.89
5.5	16,020,536.46	16,000.00	0.00100	0.99900	99.89
6.5	15,454,952.63	0.00	0.00000	1.00000	99.79
7.5	13,936,919.97	0.00	0.00000	1.00000	99.79
8.5	12,403,120.46	7,420.19	0.00060	0.99940	99.79
9.5	11,447,536.78	21,137.73	0.00185	0.99815	99.73
10.5	9,010,950.12	2,384.00	0.00026	0.99974	99.55
11.5	8,055,543.93	0.00	0.00000	1.00000	99.52
12.5	7,848,462.87	3,270.00	0.00042	0.99958	99.52
13.5	7,618,848.43	7,008.00	0.00092	0.99908	99.48
14.5	7,409,253.61	33,413.00	0.00451	0.99549	99.39
15.5	7,015,711.74	1,010.98	0.00014	0.99986	98.94
16.5	7,032,980.18	133.00	0.00002	0.99998	98.92
17.5	6,740,680.56	19,180.00	0.00285	0.99715	98.92
18.5	6,652,935.45	13,764.00	0.00207	0.99793	98.64
19.5	6,485,539.25	13,171.65	0.00203	0.99797	98.44
20.5	6,146,071.15	20,065.48	0.00326	0.99674	98.24
21.5	5,790,947.15	27,595.15	0.00477	0.99523	97.92
22.5	4,724,927.68	2,932.00	0.00062	0.99938	97.45
23.5	3,993,631.91	0.00	0.00000	1.00000	97.39
24.5	3,895,702.80	5,331.00	0.00137	0.99863	97.39
25.5	3,706,169.19	8,355.00	0.00225	0.99775	97.26
26.5	3,472,635.13	11,983.58	0.00345	0.99655	97.04
27.5	3,339,722.61	0.00	0.00000	1.00000	96.70
28.5	3,161,732.94	0.00	0.00000	1.00000	96.70
29.5	2,913,716.01	10,619.00	0.00364	0.99636	96.70
30.5	2,558,081.63	14,792.61	0.00578	0.99422	96.35
31.5	2,154,031.43	24,650.00	0.01144	0.98856	95.79
32.5	2,018,238.32	0.00	0.00000	1.00000	94.70
33.5	1,942,744.77	9,687.25	0.00499	0.99501	94.70
34.5	1,783,669.05	0.00	0.00000	1.00000	94.22
35.5	1,641,871.82	7,282.99	0.00444	0.99556	94.22
36.5	1,556,307.11	1,044.00	0.00067	0.99933	93.81
37.5	1,231,664.30	2,108.00	0.00171	0.99829	93.74
38.5	1,072,476.35	0.00	0.00000	1.00000	93.58
39.5	1,011,820.88	2,422.00	0.00239	0.99761	93.58
40.5	961,035.95	0.00	0.00000	1.00000	93.36
41.5	769,844.06	4,501.00	0.00585	0.99415	93.36
42.5	649,321.13	0.00	0.00000	1.00000	92.81
43.5	594,055.91	0.00	0.00000	1.00000	92.81
44.5	587,374.51	8,865.63	0.01509	0.98491	92.81
45.5	419,886.09	1,305.00	0.00311	0.99689	91.41
46.5	360,550.61	0.00	0.00000	1.00000	91.13
47.5	251,582.12	1,868.00	0.00743	0.99257	91.13
48.5	147,523.70	347.00	0.00235	0.99765	90.45
49.5	104,817.93	0.00	0.00000	1.00000	90.24
50.5	82,071.20	0.00	0.00000	1.00000	90.24
51.5	79,338.45	21.00	0.00026	0.99974	90.24
52.5	77,768.15	17.00	0.00022	0.99978	90.21

SDG&E
 Observed Life Table 2024 GRC - APP
 Depreciation

Scenario: SDGE Actuarial @ 2020

Account: G378.00-Meas & Reg Statn Eq

Placement Band: 1917 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	56,706.39	169.00	0.00298	0.99702	90.19
54.5	38,282.24	0.00	0.00000	1.00000	89.93
55.5	36,817.32	0.00	0.00000	1.00000	89.93
56.5	35,757.45	0.00	0.00000	1.00000	89.93
57.5	29,909.88	0.00	0.00000	1.00000	89.93
58.5	22,878.34	170.00	0.00743	0.99257	89.93
59.5	13,169.38	0.00	0.00000	1.00000	89.26
60.5	13,169.38	0.00	0.00000	1.00000	89.26
61.5	4,516.41	0.00	0.00000	1.00000	89.26
62.5	4,516.41	0.00	0.00000	1.00000	89.26
63.5	4,516.41	0.00	0.00000	1.00000	89.26
64.5	4,516.41	0.00	0.00000	1.00000	89.26
65.5	3,473.08	0.00	0.00000	1.00000	89.26
66.5	3,473.08	93.00	0.02678	0.97322	89.26
67.5	3,380.08	0.00	0.00000	1.00000	86.87
68.5	3,205.08	0.00	0.00000	1.00000	86.87
69.5	3,205.08	0.00	0.00000	1.00000	86.87
70.5	3,205.08	0.00	0.00000	1.00000	86.87
71.5	3,205.08	0.00	0.00000	1.00000	86.87
72.5	3,205.08	0.00	0.00000	1.00000	86.87
73.5	3,205.08	0.00	0.00000	1.00000	86.87
74.5	3,205.08	0.00	0.00000	1.00000	86.87
75.5	3,171.17	0.00	0.00000	1.00000	86.87
76.5	3,171.17	0.00	0.00000	1.00000	86.87
77.5	3,171.17	0.00	0.00000	1.00000	86.87
78.5	0.00	0.00	0.00000	1.00000	86.87

Scenario: SDGE Actuarial @ 2020
 Account: G378.00-Meas & Reg Statn Eq
 Placement Band: 1961 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	16,358,442.19	558.73	0.00003	0.99997	100.00
0.5	18,115,152.77	3.00	0.00000	1.00000	100.00
1.5	18,729,221.78	1,619.00	0.00009	0.99991	100.00
2.5	16,276,374.04	0.00	0.00000	1.00000	99.99
3.5	16,142,064.99	16,000.00	0.00099	0.99901	99.99
4.5	16,263,174.21	0.00	0.00000	1.00000	99.89
5.5	16,020,536.46	16,000.00	0.00100	0.99900	99.89
6.5	15,454,952.63	0.00	0.00000	1.00000	99.79
7.5	13,936,919.97	0.00	0.00000	1.00000	99.79
8.5	12,403,120.46	7,420.19	0.00060	0.99940	99.79
9.5	11,447,536.78	21,137.73	0.00185	0.99815	99.73
10.5	9,010,950.12	2,384.00	0.00026	0.99974	99.55
11.5	8,055,543.93	0.00	0.00000	1.00000	99.52
12.5	7,848,462.87	3,270.00	0.00042	0.99958	99.52
13.5	7,618,848.43	7,008.00	0.00092	0.99908	99.48
14.5	7,409,253.61	33,413.00	0.00451	0.99549	99.39
15.5	7,015,711.74	1,010.98	0.00014	0.99986	98.94
16.5	7,032,980.18	133.00	0.00002	0.99998	98.92
17.5	6,740,680.56	19,180.00	0.00285	0.99715	98.92
18.5	6,652,935.45	13,764.00	0.00207	0.99793	98.64
19.5	6,485,539.25	13,171.65	0.00203	0.99797	98.44
20.5	6,146,071.15	20,065.48	0.00326	0.99674	98.24
21.5	5,790,947.15	27,595.15	0.00477	0.99523	97.92
22.5	4,724,927.68	2,932.00	0.00062	0.99938	97.45
23.5	3,993,631.91	0.00	0.00000	1.00000	97.39
24.5	3,895,702.80	5,331.00	0.00137	0.99863	97.39
25.5	3,706,169.19	8,355.00	0.00225	0.99775	97.26
26.5	3,472,635.13	11,983.58	0.00345	0.99655	97.04
27.5	3,339,722.61	0.00	0.00000	1.00000	96.70
28.5	3,161,732.94	0.00	0.00000	1.00000	96.70
29.5	2,913,716.01	10,619.00	0.00364	0.99636	96.70
30.5	2,543,227.63	14,792.61	0.00582	0.99418	96.35
31.5	2,130,524.46	9,796.00	0.00460	0.99540	95.79
32.5	2,009,585.35	0.00	0.00000	1.00000	95.35
33.5	1,934,091.80	9,687.25	0.00501	0.99499	95.35
34.5	1,775,016.08	0.00	0.00000	1.00000	94.87
35.5	1,625,267.89	7,282.99	0.00448	0.99552	94.87
36.5	1,539,703.18	0.00	0.00000	1.00000	94.44
37.5	1,206,493.37	0.00	0.00000	1.00000	94.44
38.5	1,046,816.42	0.00	0.00000	1.00000	94.44
39.5	986,160.95	0.00	0.00000	1.00000	94.44
40.5	935,930.02	0.00	0.00000	1.00000	94.44
41.5	743,086.13	0.00	0.00000	1.00000	94.44
42.5	627,064.20	0.00	0.00000	1.00000	94.44
43.5	571,798.98	0.00	0.00000	1.00000	94.44
44.5	565,096.58	0.00	0.00000	1.00000	94.44
45.5	406,422.88	0.00	0.00000	1.00000	94.44
46.5	348,223.40	0.00	0.00000	1.00000	94.44
47.5	239,254.91	0.00	0.00000	1.00000	94.44
48.5	133,893.32	0.00	0.00000	1.00000	94.44
49.5	91,534.55	0.00	0.00000	1.00000	94.44
50.5	68,787.82	0.00	0.00000	1.00000	94.44
51.5	65,885.07	0.00	0.00000	1.00000	94.44
52.5	64,335.77	0.00	0.00000	1.00000	94.44

Scenario: SDGE Actuarial @ 2020

Account: G378.00-Meas & Reg Statn Eq

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	43,291.01	0.00	0.00000	1.00000	94.44
54.5	25,035.86	0.00	0.00000	1.00000	94.44
55.5	23,570.94	0.00	0.00000	1.00000	94.44
56.5	22,511.07	0.00	0.00000	1.00000	94.44
57.5	16,663.50	0.00	0.00000	1.00000	94.44
58.5	9,631.96	0.00	0.00000	1.00000	94.44
59.5	0.00	0.00	0.00000	0.00000	94.44

Scenario: SDGE Actuarial @ 2020

Account: G378.00-Meas & Reg Statn Eq

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	16,358,442.19	558.73	0.00003	0.99997	100.00
0.5	17,854,188.39	3.00	0.00000	1.00000	100.00
1.5	18,019,796.91	0.00	0.00000	1.00000	100.00
2.5	15,404,895.06	0.00	0.00000	1.00000	100.00
3.5	15,195,092.46	0.00	0.00000	1.00000	100.00
4.5	15,185,136.26	0.00	0.00000	1.00000	100.00
5.5	14,792,750.32	0.00	0.00000	1.00000	100.00
6.5	14,161,209.77	0.00	0.00000	1.00000	100.00
7.5	12,304,811.32	0.00	0.00000	1.00000	100.00
8.5	10,532,376.95	7,420.19	0.00070	0.99930	100.00
9.5	9,501,636.00	0.00	0.00000	1.00000	99.93
10.5	7,075,886.14	0.00	0.00000	1.00000	99.93
11.5	5,939,370.32	0.00	0.00000	1.00000	99.93
12.5	5,577,299.60	0.00	0.00000	1.00000	99.93
13.5	5,307,998.94	0.00	0.00000	1.00000	99.93
14.5	5,095,376.72	0.00	0.00000	1.00000	99.93
15.5	4,532,251.16	0.00	0.00000	1.00000	99.93
16.5	4,477,470.52	0.00	0.00000	1.00000	99.93
17.5	4,061,520.41	0.00	0.00000	1.00000	99.93
18.5	3,841,927.71	0.00	0.00000	1.00000	99.93
19.5	3,623,979.74	0.00	0.00000	1.00000	99.93
20.5	3,270,819.75	0.00	0.00000	1.00000	99.93
21.5	2,920,549.48	0.00	0.00000	1.00000	99.93
22.5	1,880,575.86	0.00	0.00000	1.00000	99.93
23.5	1,158,493.33	0.00	0.00000	1.00000	99.93
24.5	1,029,869.07	0.00	0.00000	1.00000	99.93
25.5	833,540.54	0.00	0.00000	1.00000	99.93
26.5	599,670.61	0.00	0.00000	1.00000	99.93
27.5	472,894.10	0.00	0.00000	1.00000	99.93
28.5	258,455.89	0.00	0.00000	1.00000	99.93
29.5	0.00	0.00	0.00000	0.00000	99.93

Actuarial Life Analysis

Account: G378.00-Meas & Reg Statn Eq
Scenario: SDGE Actuarial @ 2020
Placement Band: 1917 - 1965
Function: Survivorship Annual Rate Method
Weighting: Unweighted
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1961 -1965	48.5	18.50	0.11890920	L0	34.34
1962 -1966	49.5	26.75	0.14925412	L0	37.58
1963 -1967	50.5	28.06	0.13666814	L0	40.69
1964 -1968	51.5	20.19	0.28789046	R0.5	36.42
1965 -1969	52.5	35.94	0.13180519	L0	44.01
1966 -1970	53.5	51.93	0.27227481	L0	46.38
1967 -1971	54.5	50.59	0.33335768	L0	44.84
1968 -1972	55.5	56.49	0.45489547	L0	48.63
1969 -1973	56.5	52.88	0.88150473	L0	41.66
1970 -1974	57.5	42.48	0.88193184	L0	35.87
1971 -1975	58.5	14.34	0.68871802	L0	22.91
1972 -1976	59.5	0.00	0.26620191	L0	18.67
1973 -1977	60.5	0.00	0.25361414	L0.5	17.33
1974 -1978	61.5	0.00	0.20884232	L1	16.66
1975 -1979	62.5	0.00	0.22451704	L1.5	15.71
1976 -1980	63.5	0.00	0.32802510	L0.5	20.12
1977 -1981	64.5	27.76	1.34622353	L0	30.19
1978 -1982	65.5	25.17	0.65598062	L0	32.03
1979 -1983	66.5	2.04	0.11838578	L1	29.99
1980 -1984	67.5	2.41	0.20383485	S0.5	35.80
1981 -1985	68.5	1.01	0.18274467	L1.5	31.26
1982 -1986	69.5	0.27	0.25846731	L1.5	27.21
1983 -1987	70.5	0.23	0.13213735	L1.5	27.33
1984 -1988	71.5	11.10	0.33834877	L1.5	32.20
1985 -1989	72.5	0.00	0.09305290	S0	20.45
1986 -1990	73.5	0.00	0.06622311	S0	22.30
1987 -1991	74.5	0.00	0.04875303	R1	23.80
1988 -1992	75.5	0.00	0.09825347	R1	22.51
1989 -1993	76.5	0.00	0.09611213	R1	23.33
1990 -1994	77.5	33.43	1.01251682	L0.5	49.62
1991 -1995	78.5	4.13	0.17983217	L4	35.44
1992 -1996	79.5	7.45	0.38378332	L4	35.53
1993 -1997	80.5	22.91	0.50897361	L1.5	45.67
1994 -1998	81.5	0.00	0.22066835	R2.5	36.39
1995 -1999	82.5	0.00	0.28296338	R2.5	36.47
1996 -2000	83.5	0.00	0.69837137	R3	38.97
1997 -2001	84.5	0.00	0.66082577	R4	39.93
1998 -2002	85.5	0.00	0.79013169	R4	40.45
1999 -2003	86.5	19.85	1.52454686	L3	51.60
2000 -2004	87.5	68.03	0.38821478	L0.5	111.83
2001 -2005	88.5	94.85	0.01990996	R1.5	262.85
2002 -2006	89.5	98.63	0.00560627	R2.5	288.50
2003 -2007		1.00			
2004 -2008	91.5	99.02	0.00296592	R3	263.72

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G378.00-Meas & Reg Statn Eq

Scenario: SDGE Actuarial @ 2020

Placement Band: 1917 - 2009

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2005 -2009	92.5	98.96	0.00341266	R3	249.79
2006 -2010	93.5	98.68	0.00594576	R3	226.65
2007 -2011	94.5	95.18	0.01820967	R1.5	289.36
2008 -2012	95.5	92.05	0.03659260	R1	258.11
2009 -2013	96.5	93.71	0.02688033	R1.5	251.78
2010 -2014	97.5	93.79	0.02670820	R1.5	257.49
2011 -2015	98.5	94.32	0.02291736	R1.5	276.92
2012 -2016	99.5	97.59	0.00672146	R2.5	282.42
2013 -2017		1.00			
2014 -2018		1.00			
2015 -2019		1.00			
2016 -2020		1.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G378.00-Meas & Reg Statn Eq

Scenario: SDGE Actuarial @ 2020

Placement Band: 1917 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

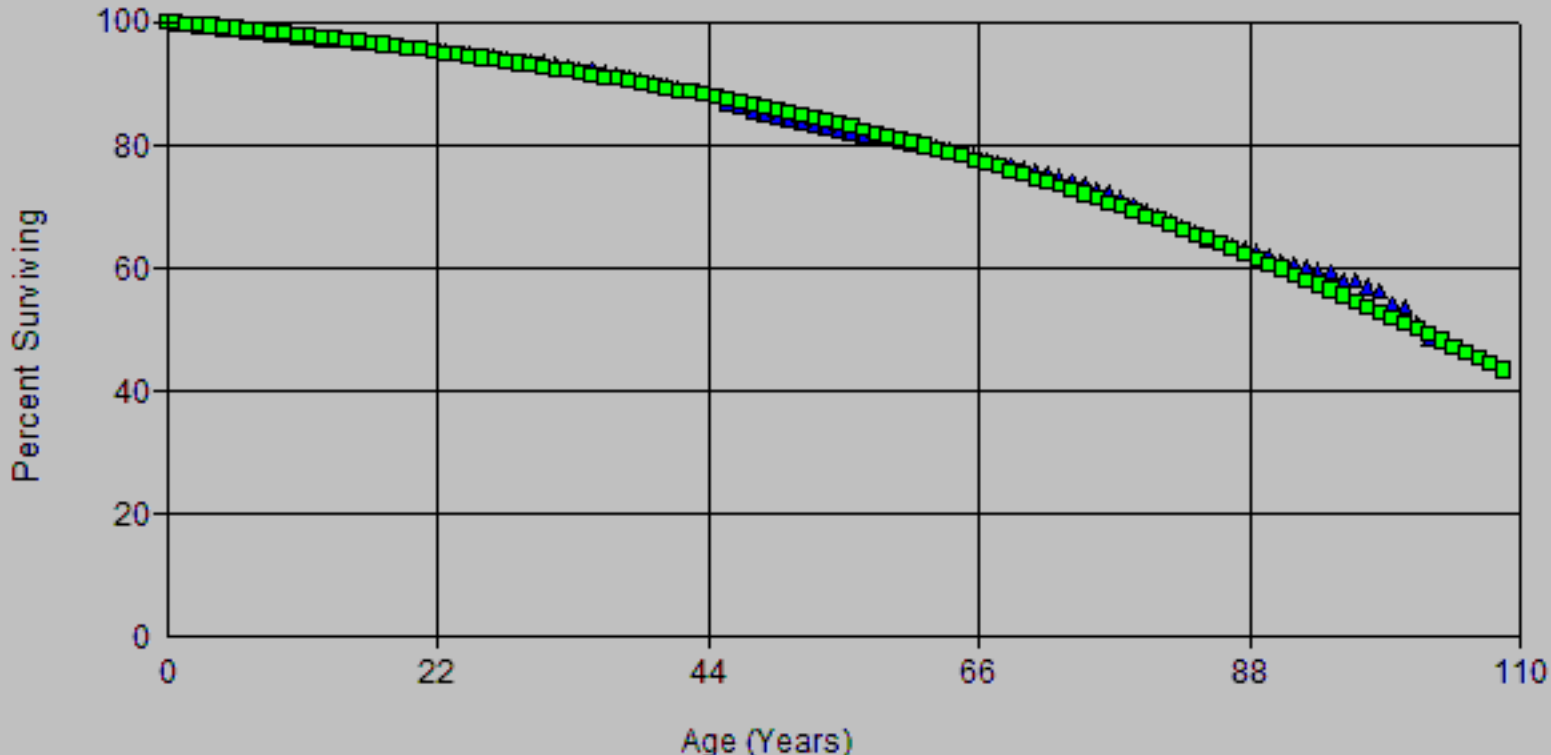
Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1961 -2020	103.5	42.11	0.38432070	L0.5	81.16
1966 -2020	103.5	42.29	0.38726840	L0.5	81.56
1971 -2020	103.5	42.39	0.39107494	L0.5	81.90
1976 -2020	103.5	43.16	0.41376398	L0.5	83.92
1981 -2020	103.5	46.77	0.39191584	L1	85.86
1986 -2020	103.5	55.47	0.28750770	L0.5	105.31
1991 -2020	103.5	86.87	0.02130574	R0.5	260.22
1996 -2020	103.5	89.66	0.01159256	R1	259.78
2001 -2020	103.5	97.47	0.00921066	R2.5	270.89
2006 -2020	103.5	97.99	0.00600621	R2.5	301.96
2011 -2020	103.5	97.72	0.00637045	R2.5	295.45
2016 -2020		1.00			

Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GFCO CAPD
Depreciation

▲ Actual Data

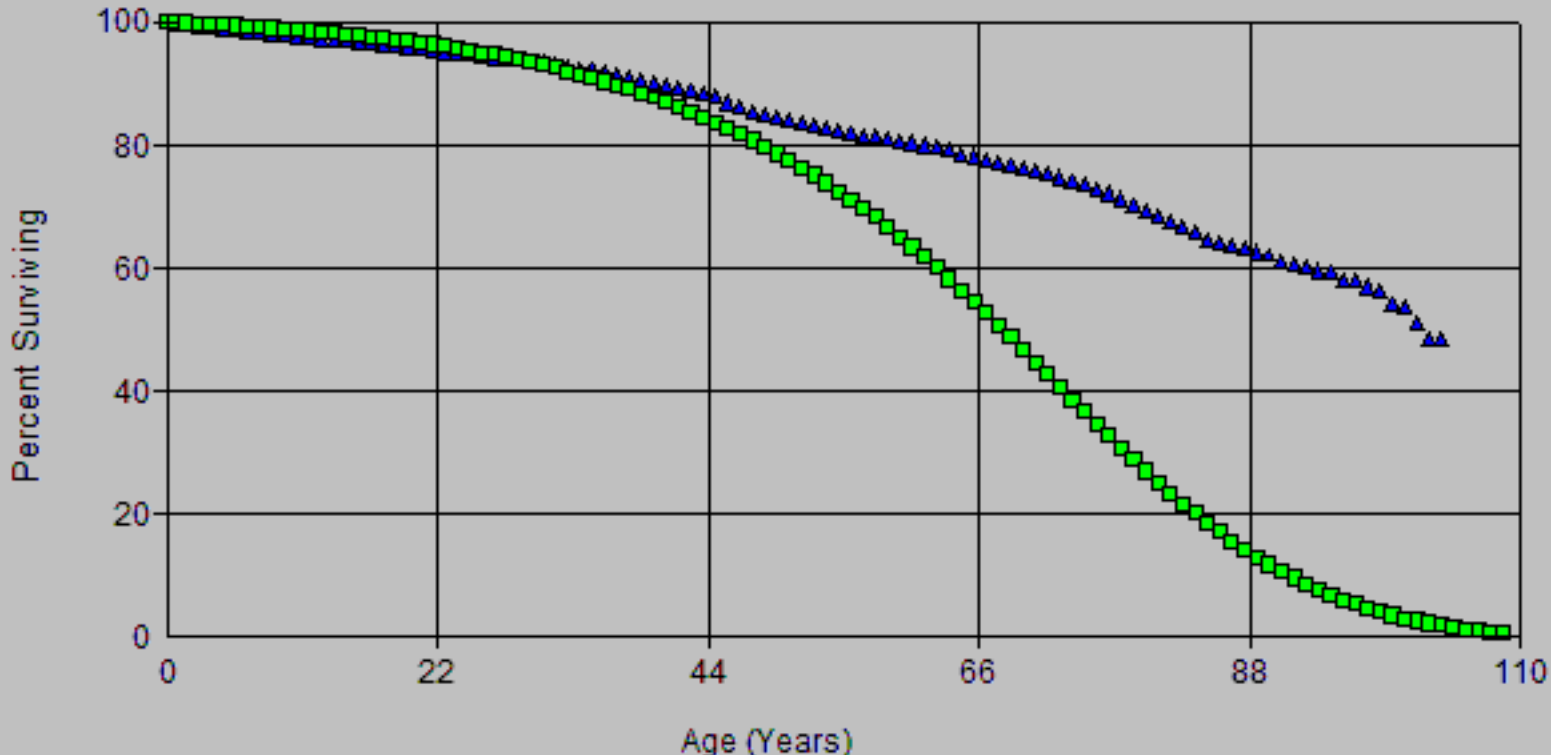
■ R1.5 97.00



Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRCU APD
Depreciation

▲ Actual Data ■ R2.5 65.00

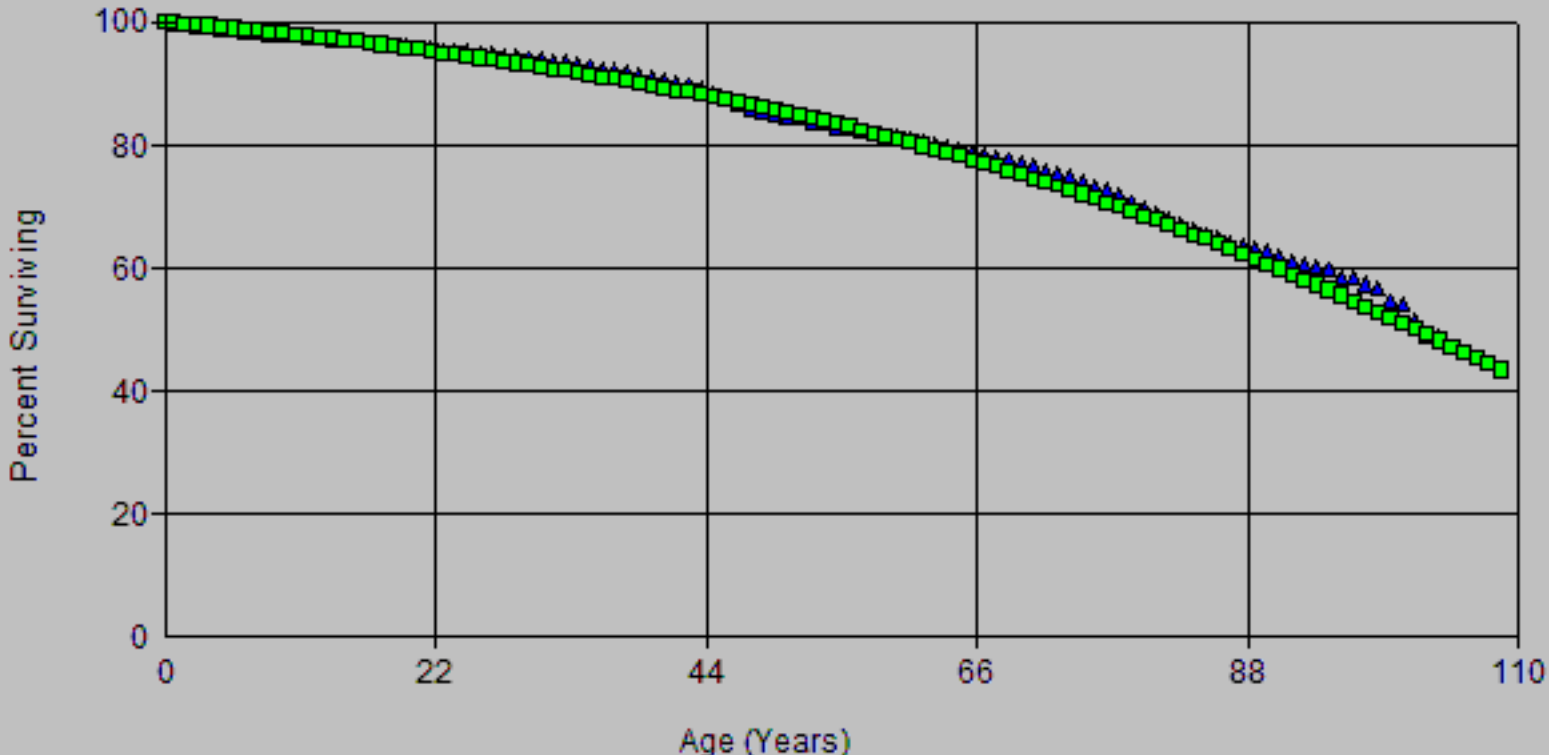


Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GFCO CAPD
Depreciation

▲ Actual Data

■ R1.5 97.00

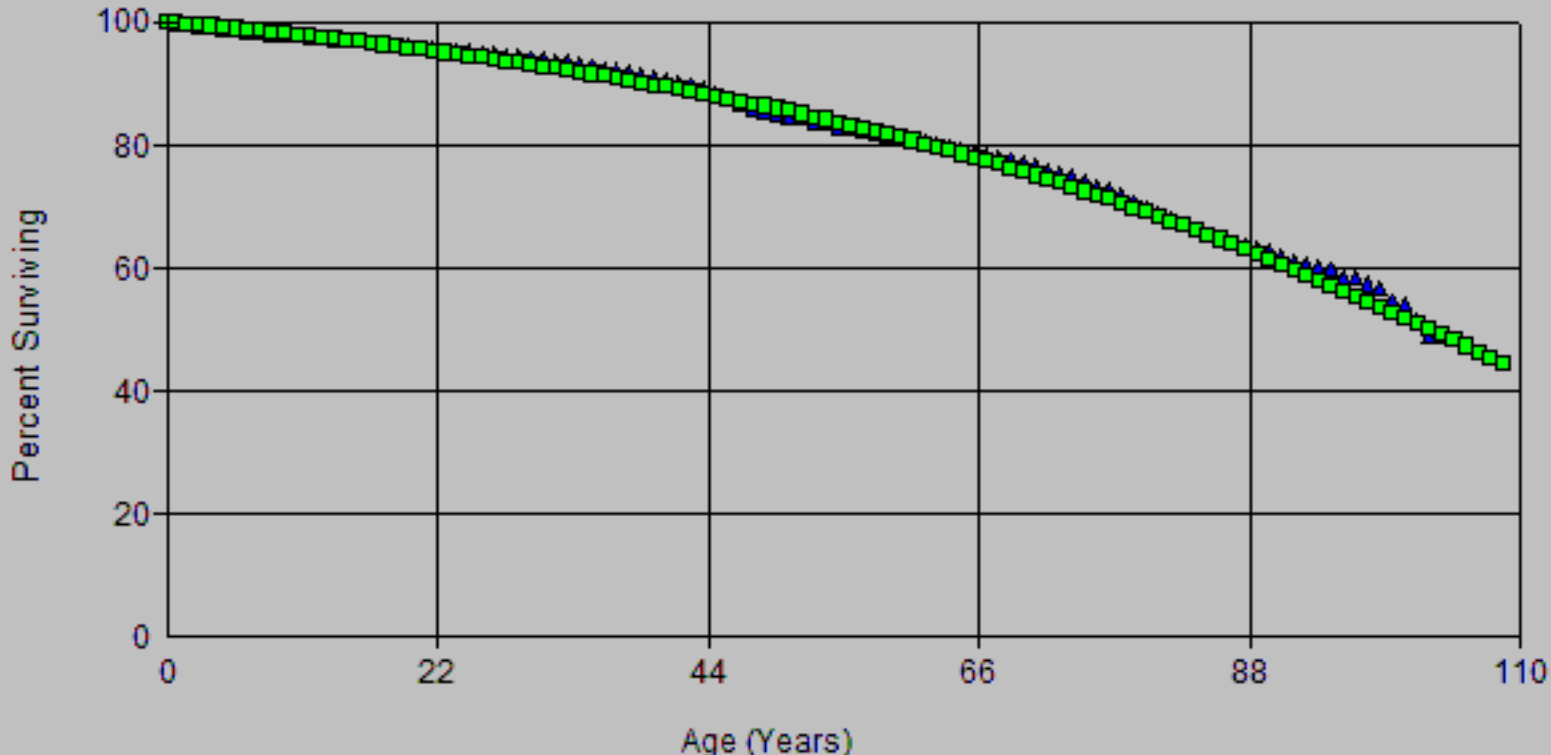


Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GFCO CAPX
Depreciation

▲ Actual Data

■ R1.5 98.00

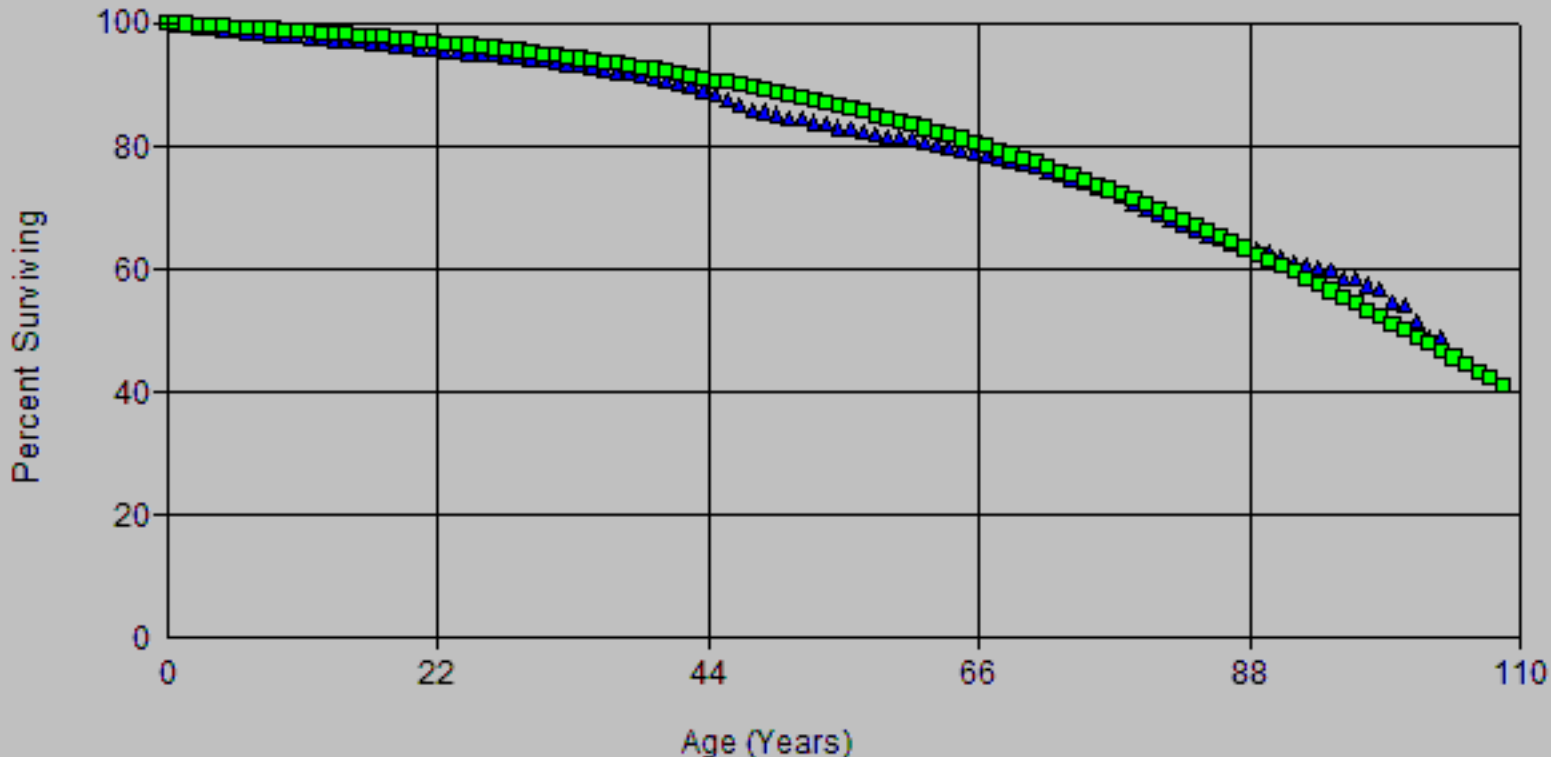


Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GFCO CAPD
Depreciation

▲ Actual Data

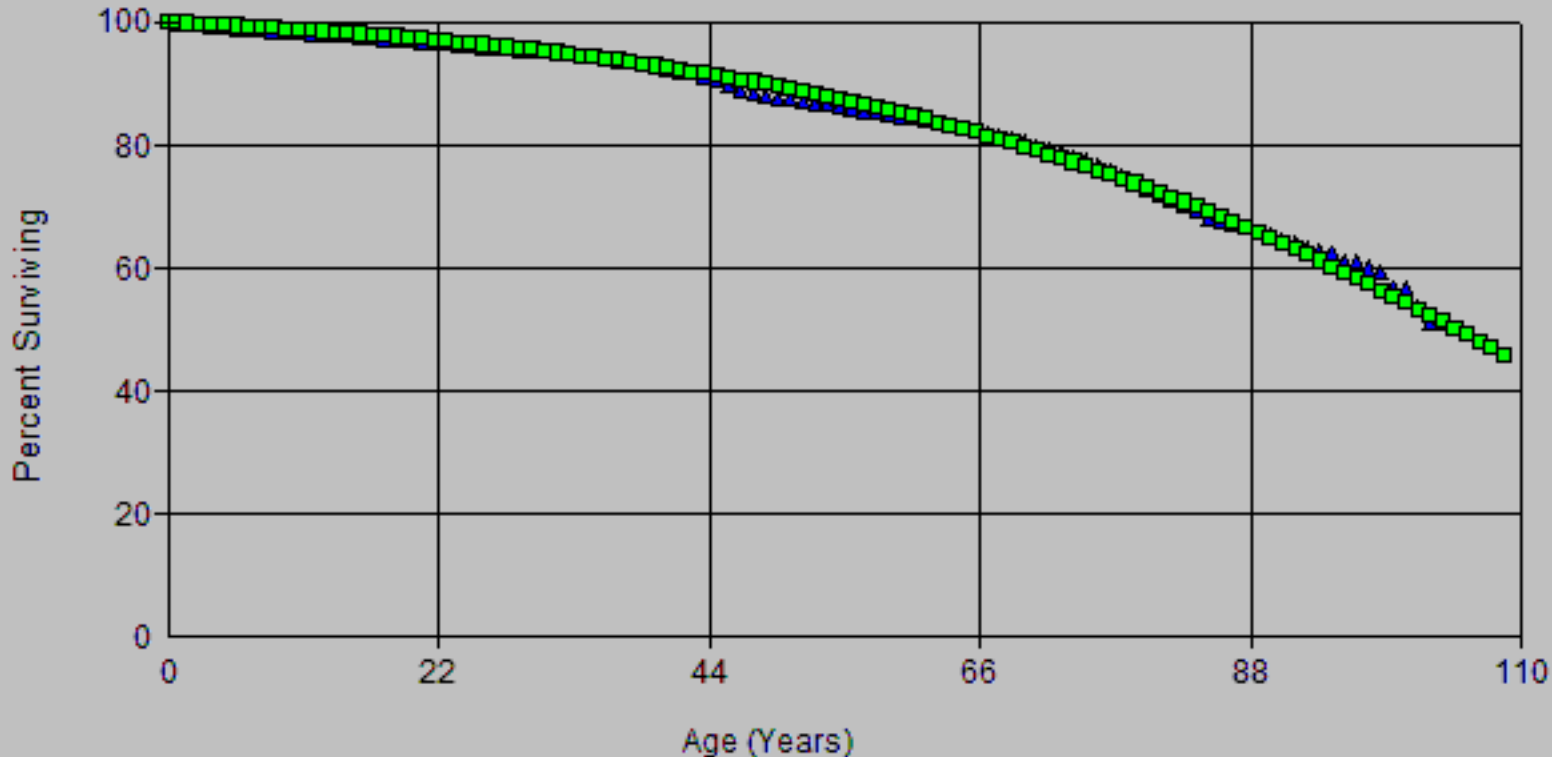
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Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

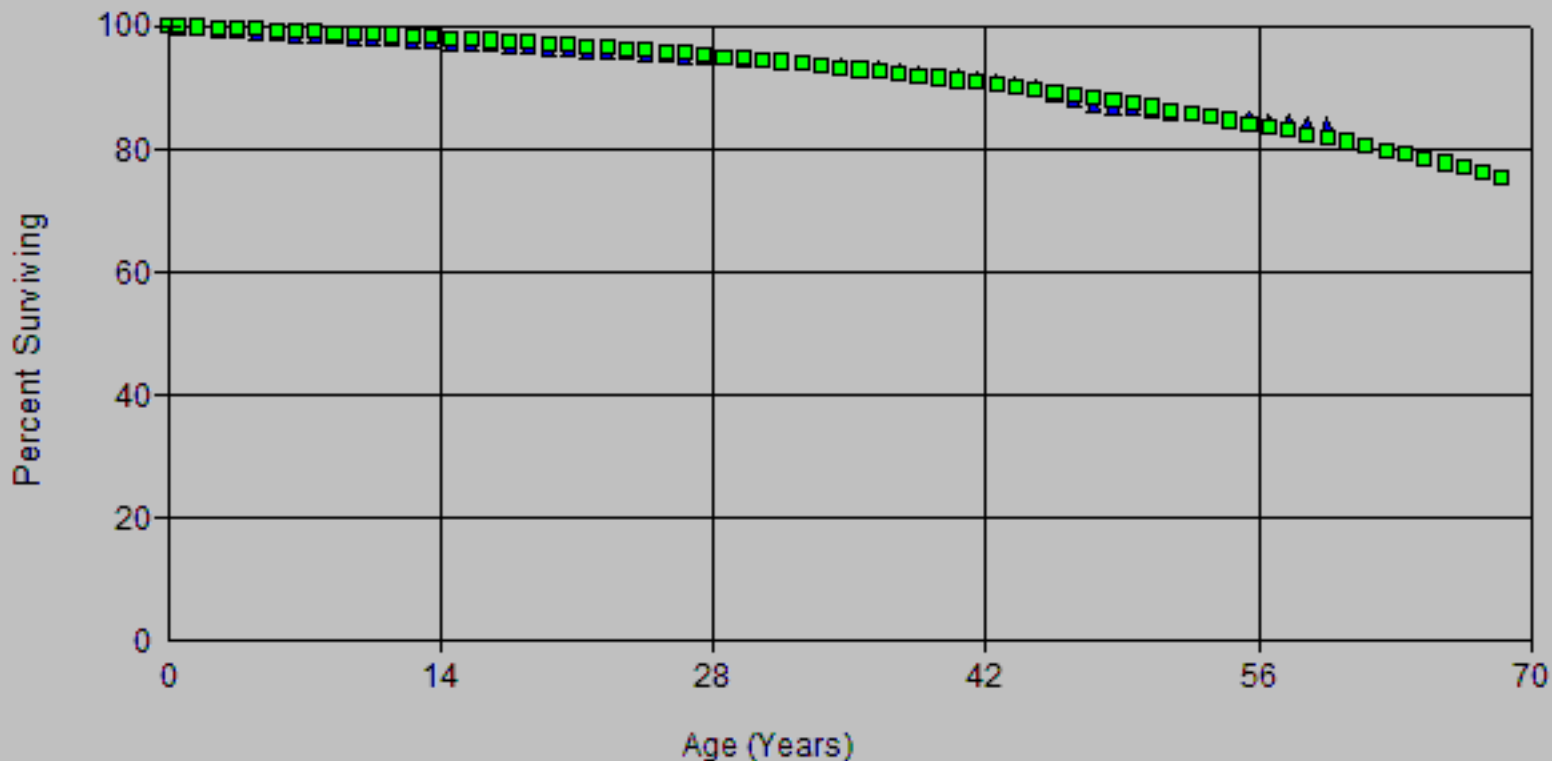
SDG&E
2024 GFCO CAPD
Depreciation

▲ Actual Data ■ R2 100.00



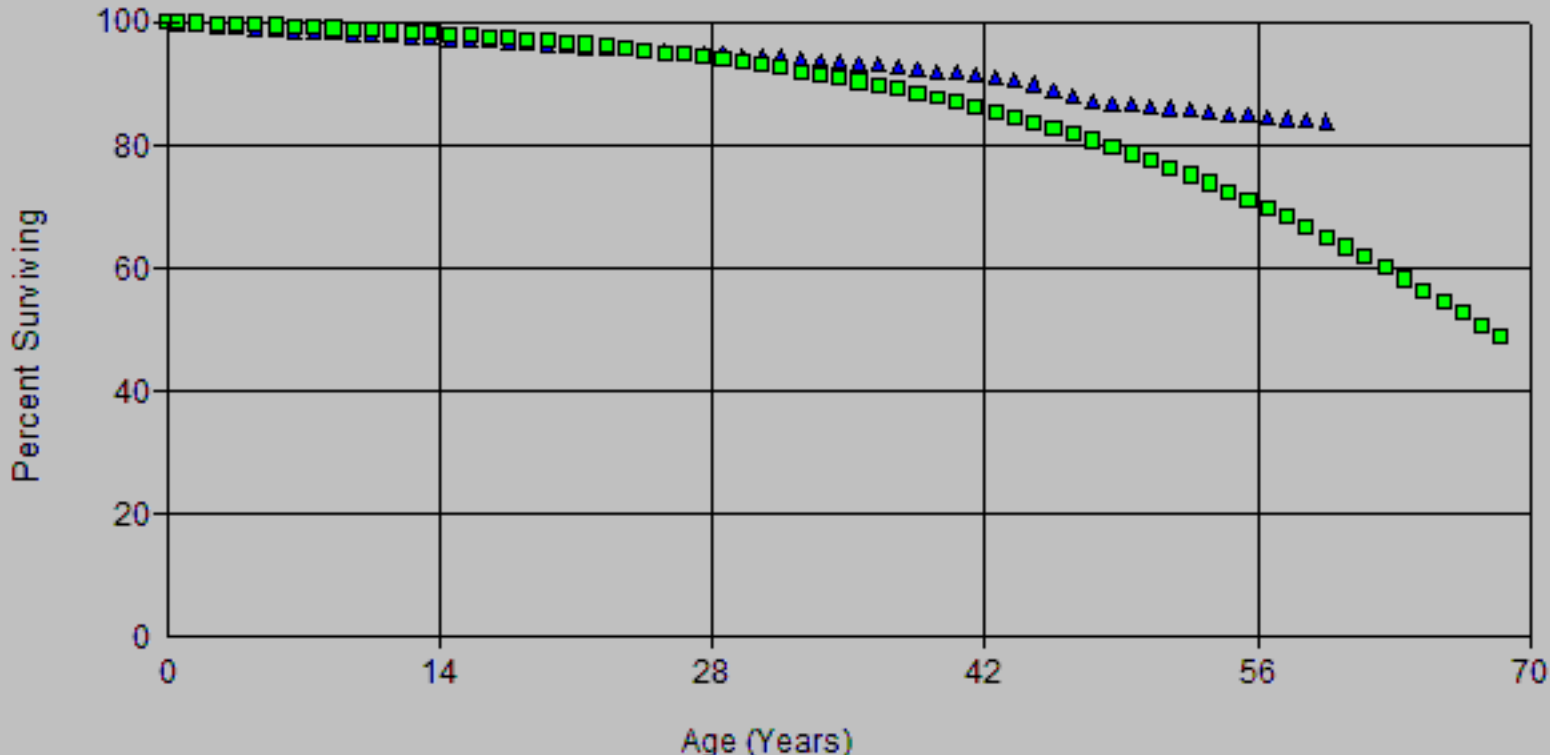
Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2 90.00



Account: G380.00- Services
 Scenario: SDGE Actuarial @ 2020

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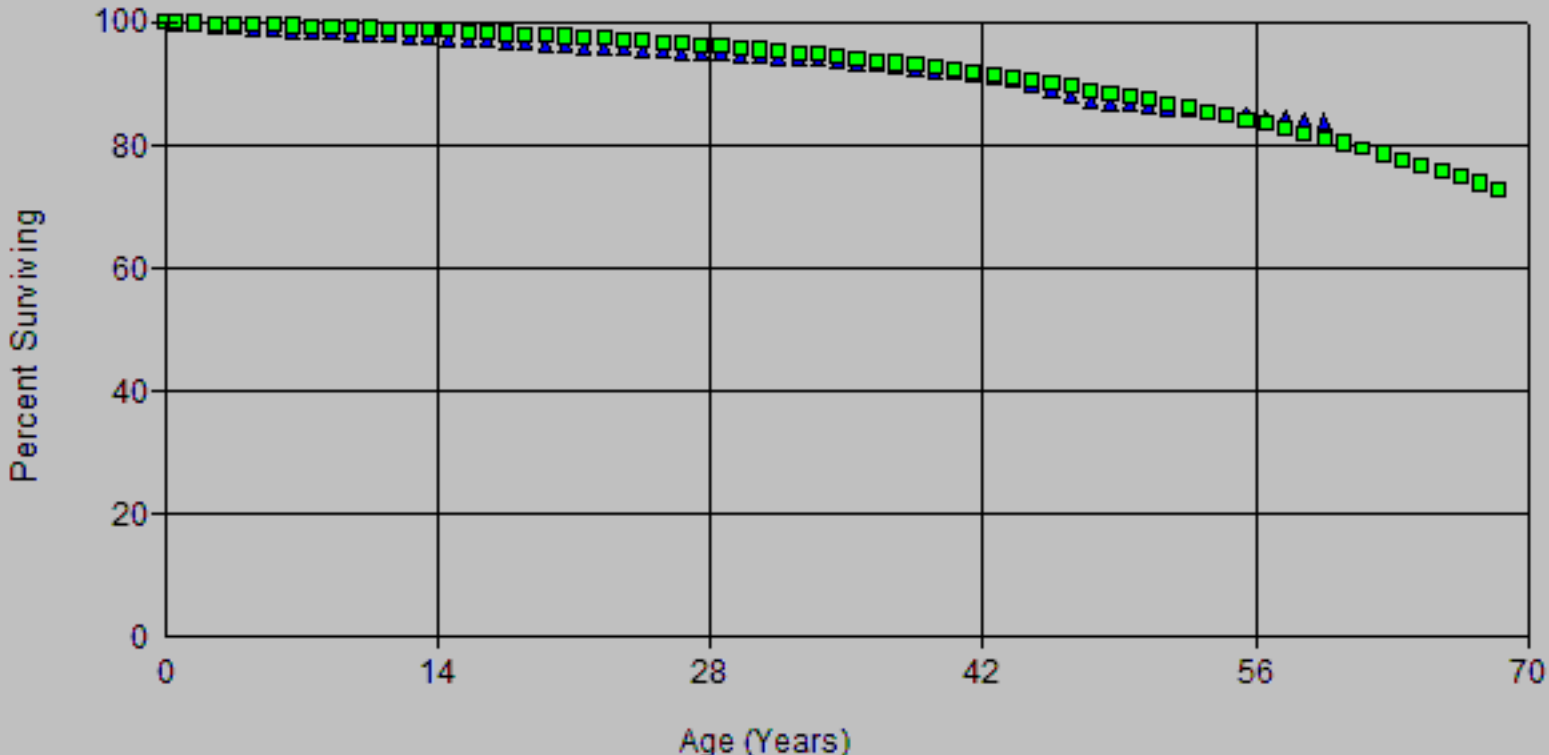


Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GFCO CAPD
Depreciation

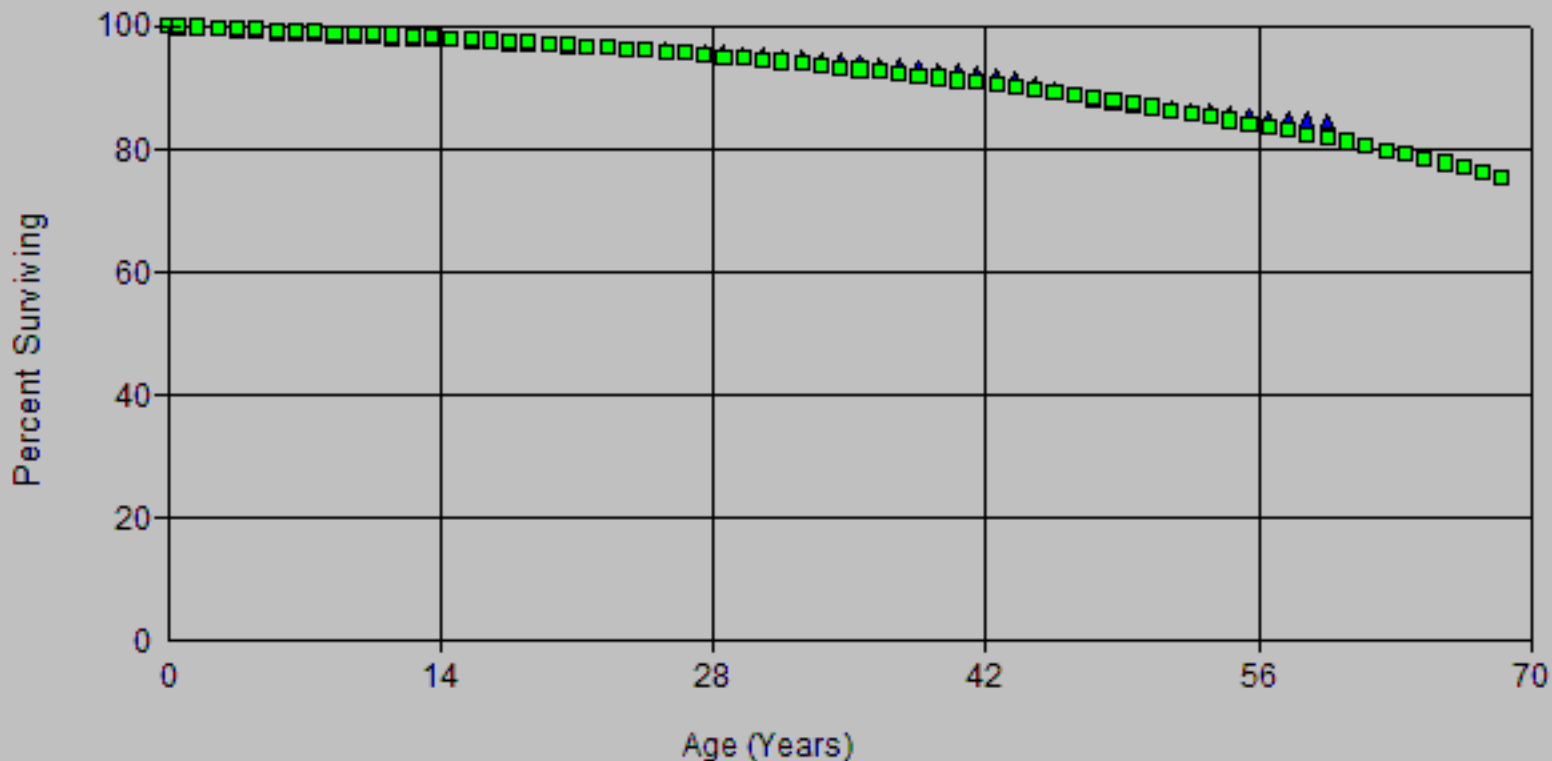
▲ Actual Data

■ R2.5 82.00



Account: G380.00- Services
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2 90.00

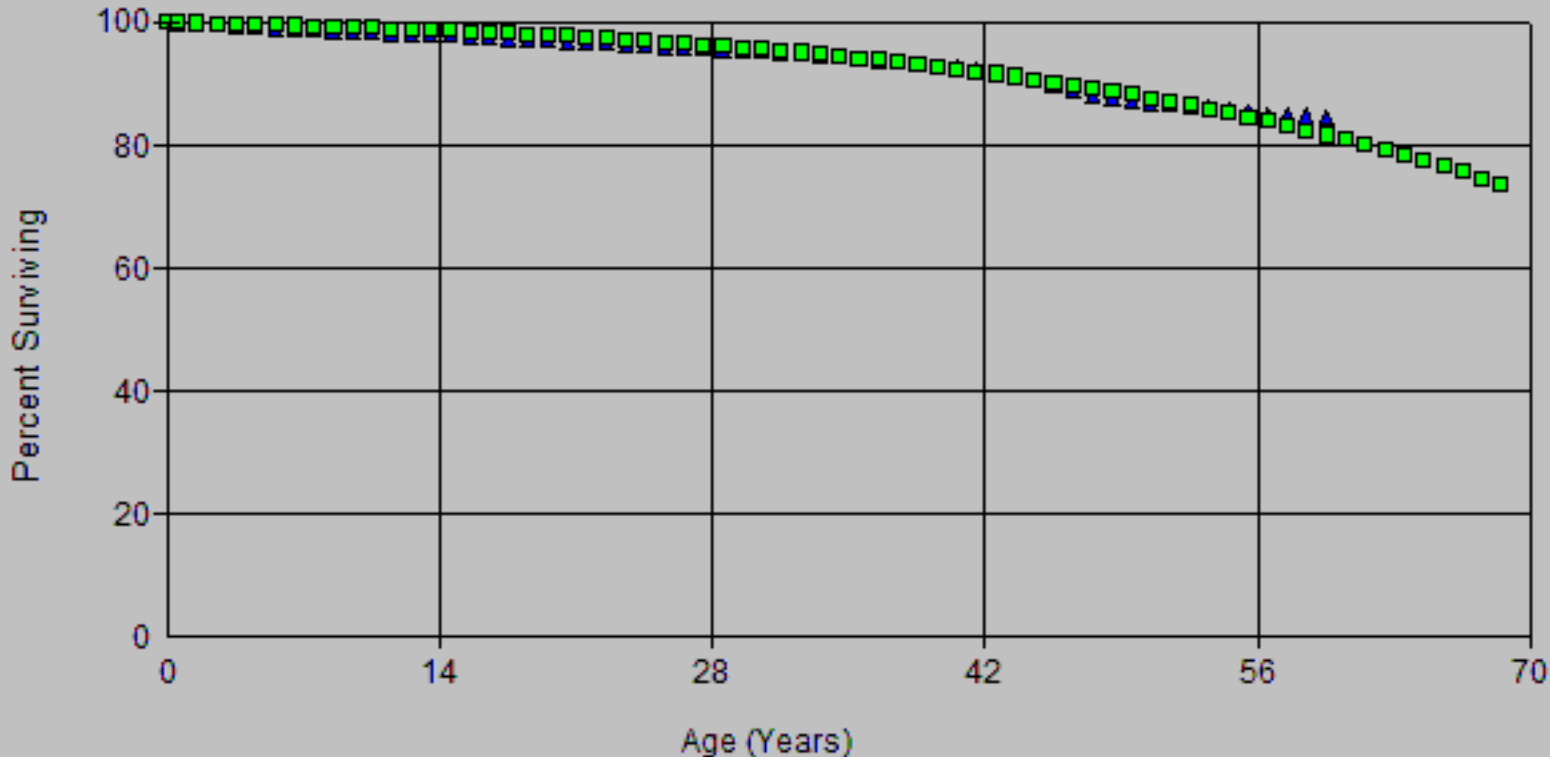


Account: G380.00- Services
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRF CAPX
Depreciation

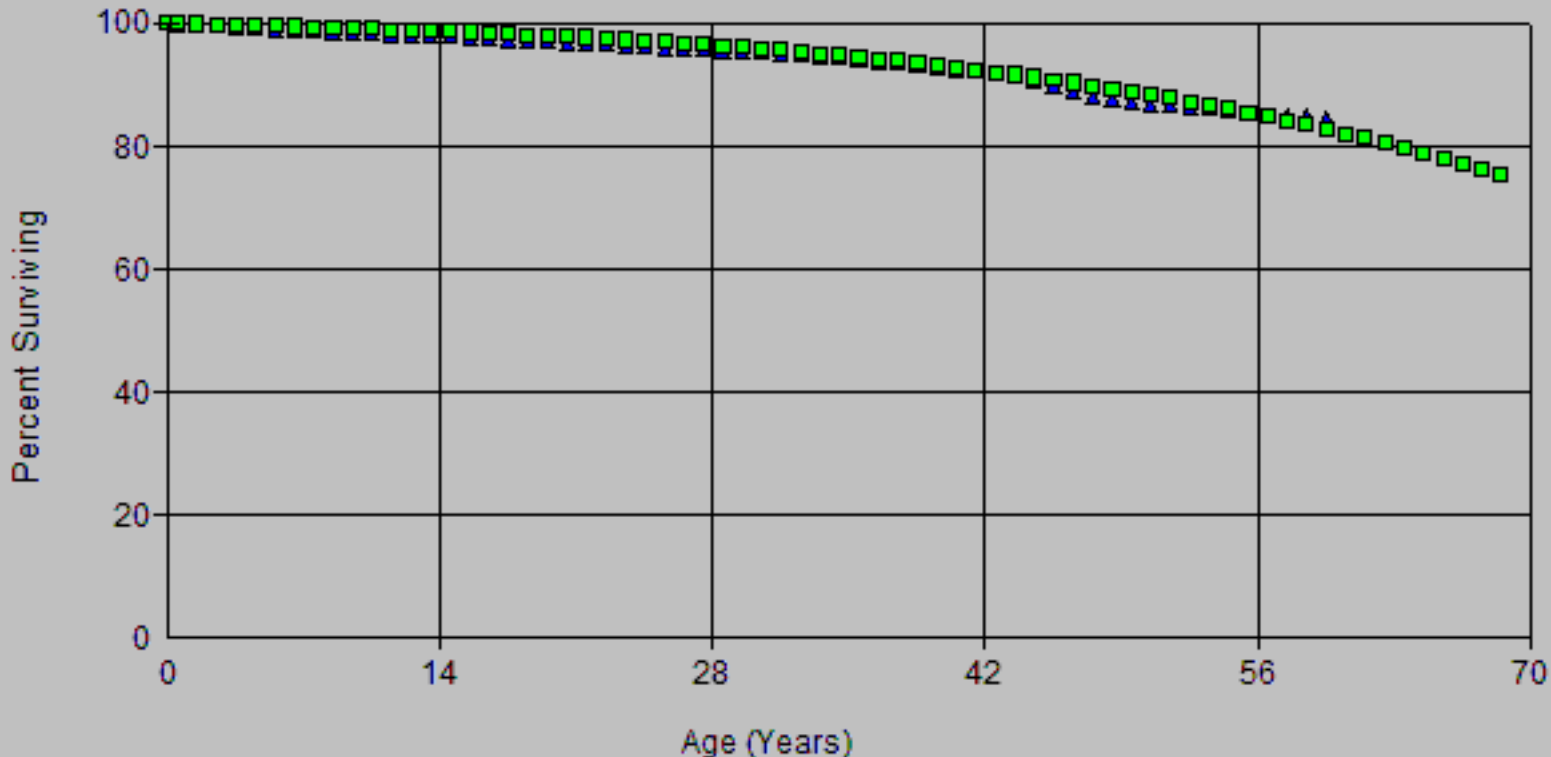
▲ Actual Data

■ R2.5 83.00



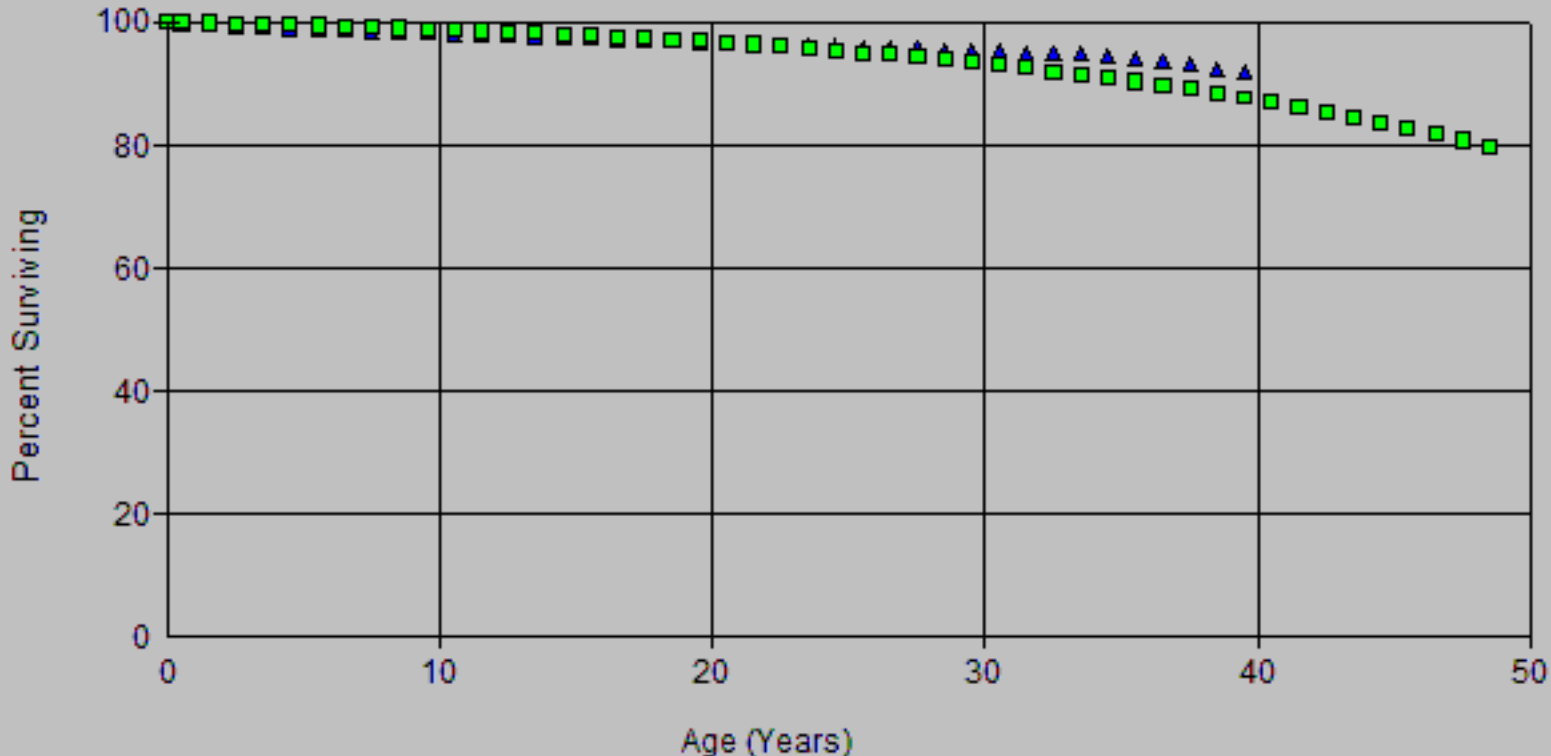
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 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2.5 85.00



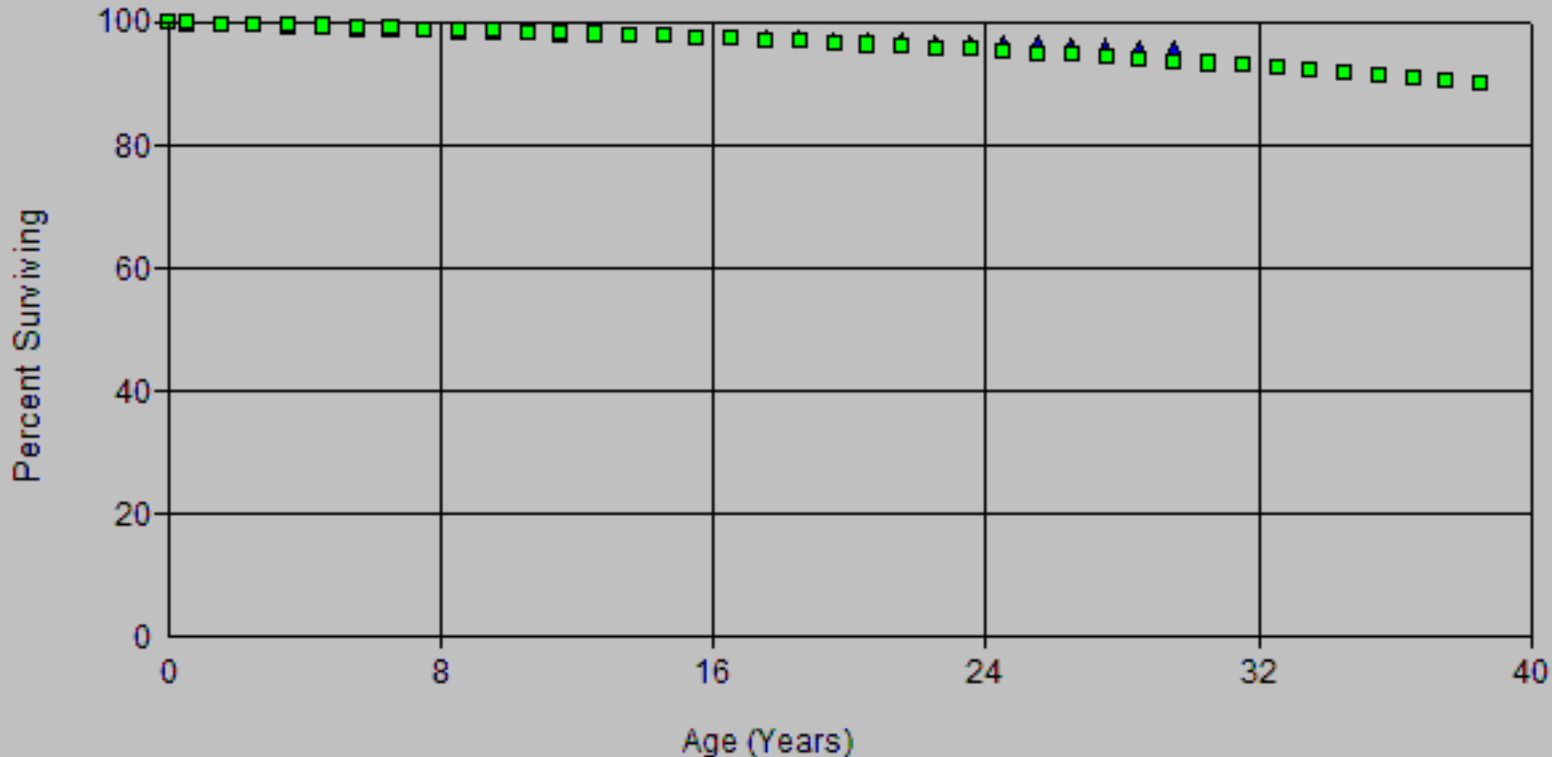
Account: G380.00- Services
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2.5 65.00



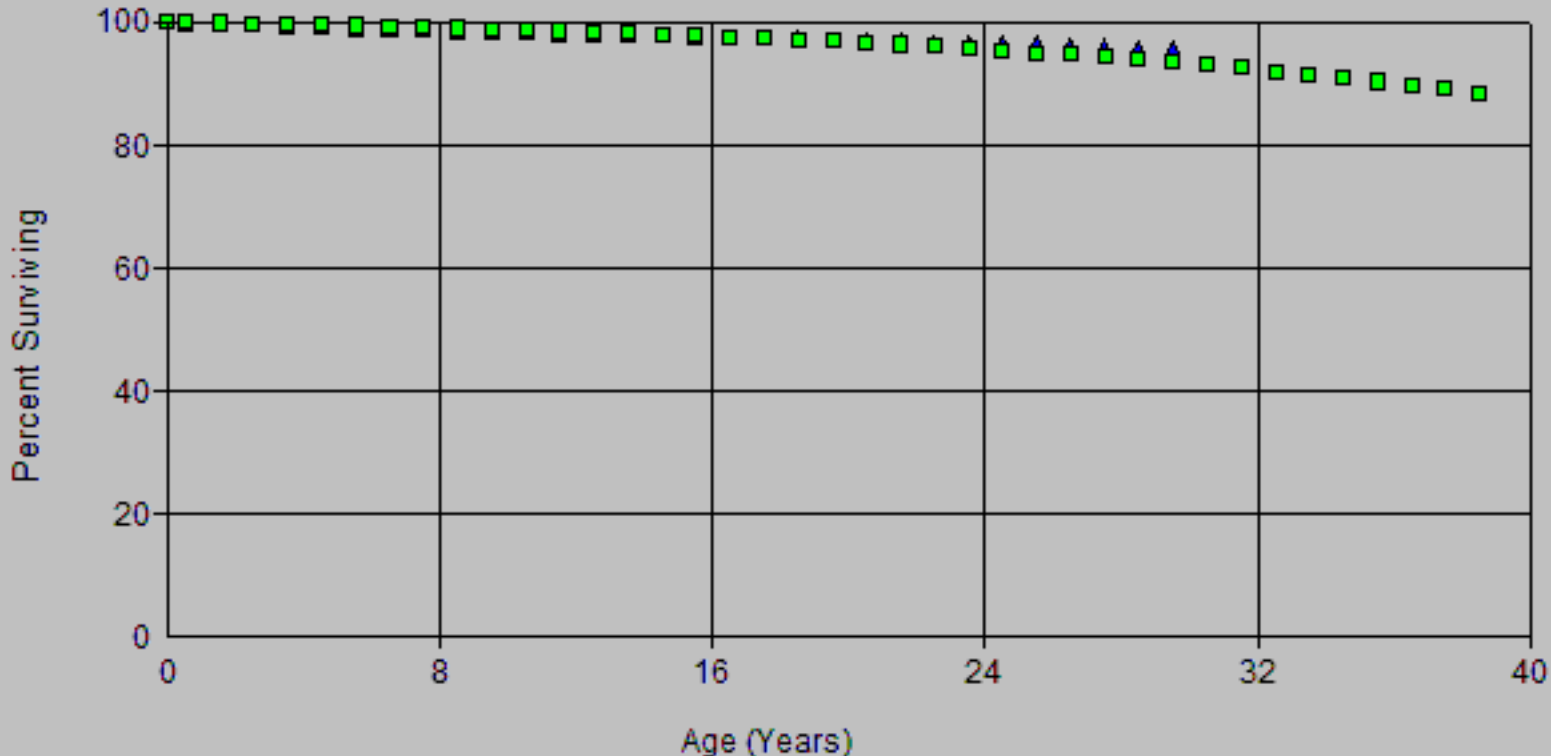
Account: G380.00- Services
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2 80.00



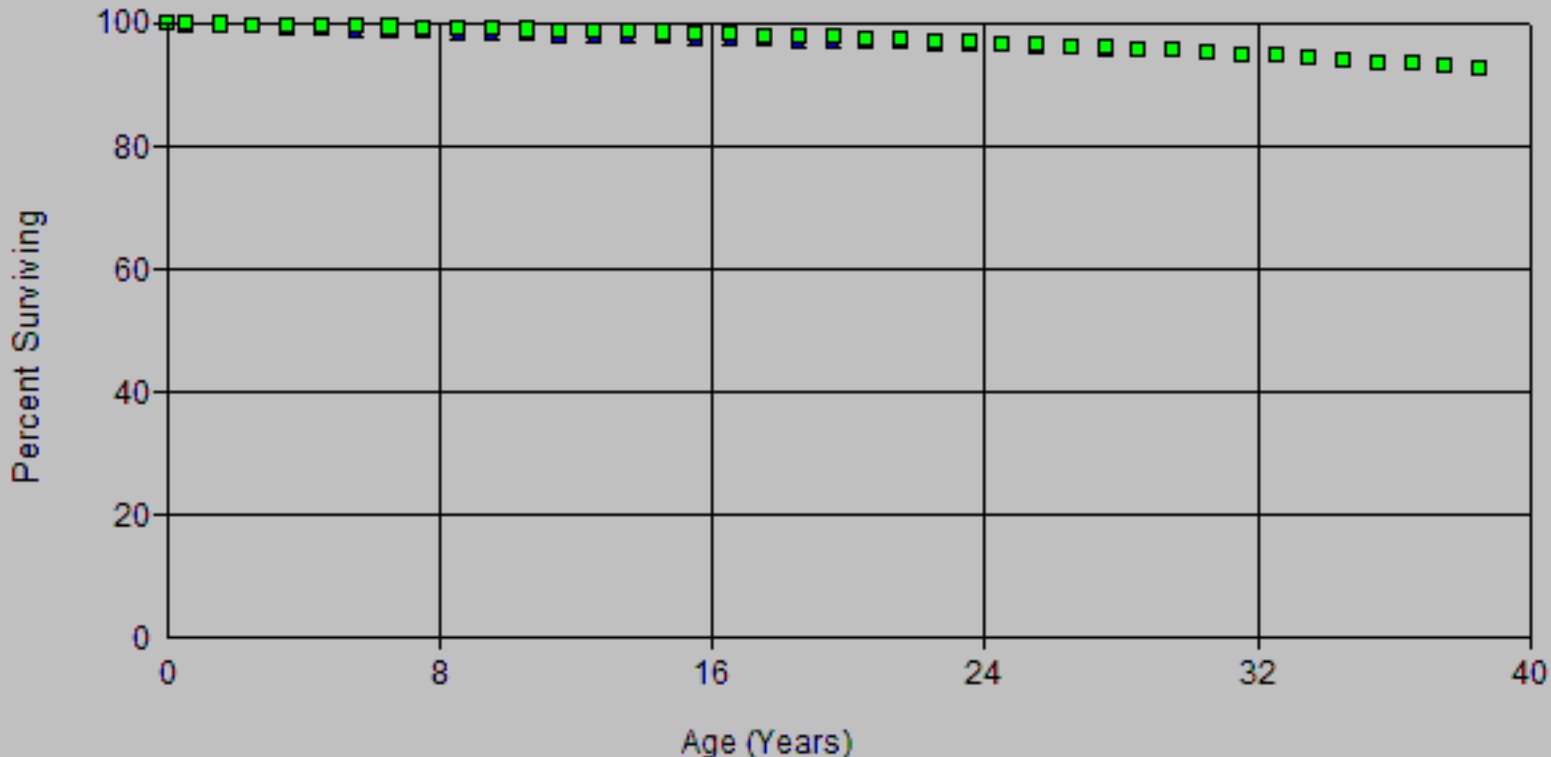
Account: G380.00- Services
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2.5 65.00



Account: G380.00- Services
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ R2.5 80.00



Scenario: SDGE Actuarial @ 2020
Account: G380.00-Services
Placement Band: 1915 - 2020

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	437,679,135.21	161,744.80	0.00037	0.99963	100.00
0.5	383,944,167.64	843,963.85	0.00220	0.99780	99.96
1.5	343,578,342.83	771,798.61	0.00225	0.99775	99.74
2.5	302,016,945.09	741,304.82	0.00245	0.99755	99.52
3.5	284,843,328.97	642,650.22	0.00226	0.99774	99.28
4.5	267,479,737.09	568,090.94	0.00212	0.99788	99.05
5.5	261,487,570.64	626,393.06	0.00240	0.99760	98.84
6.5	256,888,705.32	565,063.99	0.00220	0.99780	98.60
7.5	253,204,738.60	513,968.40	0.00203	0.99797	98.39
8.5	249,282,613.86	527,893.52	0.00212	0.99788	98.19
9.5	245,677,530.73	421,162.91	0.00171	0.99829	97.98
10.5	242,318,559.21	468,251.62	0.00193	0.99807	97.81
11.5	238,400,460.86	502,501.47	0.00211	0.99789	97.62
12.5	235,549,835.82	454,268.88	0.00193	0.99807	97.42
13.5	231,267,830.21	474,292.98	0.00205	0.99795	97.23
14.5	226,006,573.09	448,593.89	0.00198	0.99802	97.03
15.5	221,422,218.29	465,130.34	0.00210	0.99790	96.84
16.5	217,496,525.02	516,755.31	0.00238	0.99762	96.63
17.5	212,190,884.25	460,321.05	0.00217	0.99783	96.40
18.5	208,167,894.39	447,996.45	0.00215	0.99785	96.20
19.5	204,744,427.86	511,865.18	0.00250	0.99750	95.99
20.5	200,493,028.25	569,550.92	0.00284	0.99716	95.75
21.5	196,254,055.53	457,766.98	0.00233	0.99767	95.48
22.5	190,297,870.11	393,456.17	0.00207	0.99793	95.25
23.5	186,292,883.83	430,762.39	0.00231	0.99769	95.06
24.5	179,898,307.46	454,154.95	0.00252	0.99748	94.84
25.5	173,142,793.74	424,588.43	0.00245	0.99755	94.60
26.5	165,554,265.17	397,970.04	0.00240	0.99760	94.37
27.5	157,124,366.16	364,263.70	0.00232	0.99768	94.14
28.5	148,537,469.40	368,792.04	0.00248	0.99752	93.92
29.5	139,008,138.46	338,159.56	0.00243	0.99757	93.69
30.5	130,238,998.62	393,454.21	0.00302	0.99698	93.46
31.5	119,903,434.12	405,300.21	0.00338	0.99662	93.18
32.5	108,457,255.90	369,790.63	0.00341	0.99659	92.86
33.5	97,489,902.83	319,709.65	0.00328	0.99672	92.55
34.5	85,918,466.30	351,802.50	0.00409	0.99591	92.24
35.5	76,707,432.73	301,652.66	0.00393	0.99607	91.87
36.5	69,273,342.28	290,113.14	0.00419	0.99581	91.51
37.5	64,207,168.69	292,130.57	0.00455	0.99545	91.12
38.5	59,894,649.45	293,310.61	0.00490	0.99510	90.71
39.5	55,859,261.97	241,468.92	0.00432	0.99568	90.26
40.5	51,400,181.19	230,017.69	0.00448	0.99552	89.87
41.5	46,076,229.37	212,496.30	0.00461	0.99539	89.47
42.5	42,011,137.31	289,835.40	0.00690	0.99310	89.06
43.5	37,695,039.63	251,889.62	0.00668	0.99332	88.44
44.5	34,254,250.54	338,149.90	0.00987	0.99013	87.85
45.5	31,638,951.50	300,023.92	0.00948	0.99052	86.99
46.5	28,437,297.64	250,548.74	0.00881	0.99119	86.16
47.5	25,888,923.53	135,547.53	0.00524	0.99476	85.40
48.5	23,445,096.17	115,161.79	0.00491	0.99509	84.95
49.5	21,362,496.40	111,358.05	0.00521	0.99479	84.54
50.5	19,426,742.38	86,036.05	0.00443	0.99557	84.10
51.5	17,841,591.03	88,218.54	0.00494	0.99506	83.72
52.5	16,370,316.65	72,056.46	0.00446	0.99554	83.31

Scenario: SDGE Actuarial @ 2020
Account: G380.00-Services
Placement Band: 1915 - 2020

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	15,296,762.69	93,629.42	0.00612	0.99388	82.94
54.5	14,400,624.11	58,641.92	0.00407	0.99593	82.43
55.5	13,480,360.03	63,804.94	0.00473	0.99527	82.09
56.5	12,344,707.71	48,672.86	0.00394	0.99606	81.71
57.5	11,358,046.19	41,593.14	0.00366	0.99634	81.38
58.5	10,459,045.66	46,097.54	0.00441	0.99559	81.09
59.5	9,472,551.66	34,807.60	0.00367	0.99633	80.73
60.5	8,242,443.30	39,948.39	0.00485	0.99515	80.43
61.5	6,719,959.18	29,140.76	0.00434	0.99566	80.04
62.5	5,655,230.25	34,137.64	0.00604	0.99396	79.69
63.5	4,866,200.53	31,079.72	0.00639	0.99361	79.21
64.5	4,231,313.60	24,825.08	0.00587	0.99413	78.71
65.5	3,577,225.43	21,627.50	0.00605	0.99395	78.25
66.5	3,085,750.34	16,486.10	0.00534	0.99466	77.77
67.5	2,389,012.23	12,545.71	0.00525	0.99475	77.36
68.5	1,954,655.00	10,936.16	0.00559	0.99441	76.95
69.5	1,560,798.10	11,058.98	0.00709	0.99291	76.52
70.5	1,216,926.09	9,076.68	0.00746	0.99254	75.98
71.5	1,012,821.59	7,342.57	0.00725	0.99275	75.41
72.5	806,700.57	6,534.73	0.00810	0.99190	74.86
73.5	630,529.87	4,520.23	0.00717	0.99283	74.26
74.5	536,981.42	7,235.76	0.01347	0.98653	73.73
75.5	489,623.18	3,459.73	0.00707	0.99293	72.73
76.5	428,797.87	5,481.01	0.01278	0.98722	72.22
77.5	402,320.74	5,554.33	0.01381	0.98619	71.30
78.5	351,834.41	4,428.30	0.01259	0.98741	70.31
79.5	246,806.71	3,818.20	0.01547	0.98453	69.43
80.5	205,365.69	1,971.73	0.00960	0.99040	68.35
81.5	159,008.57	1,861.79	0.01171	0.98829	67.70
82.5	124,600.78	1,904.09	0.01528	0.98472	66.90
83.5	97,549.78	1,655.51	0.01697	0.98303	65.88
84.5	81,097.28	501.77	0.00619	0.99381	64.76
85.5	69,190.96	654.71	0.00946	0.99054	64.36
86.5	64,916.15	387.68	0.00597	0.99403	63.75
87.5	59,692.47	678.26	0.01136	0.98864	63.37
88.5	53,165.52	360.78	0.00679	0.99321	62.65
89.5	40,134.56	561.75	0.01400	0.98600	62.23
90.5	34,940.01	285.09	0.00816	0.99184	61.36
91.5	25,127.67	320.89	0.01277	0.98723	60.86
92.5	17,288.01	124.02	0.00717	0.99283	60.08
93.5	11,877.95	38.21	0.00322	0.99678	59.65
94.5	8,894.99	182.04	0.02047	0.97953	59.46
95.5	7,464.22	19.21	0.00257	0.99743	58.24
96.5	6,172.99	117.20	0.01899	0.98101	58.09
97.5	5,411.80	50.90	0.00941	0.99059	56.99
98.5	890.46	37.70	0.04234	0.95766	56.45
99.5	658.85	2.62	0.00398	0.99602	54.06
100.5	286.17	14.34	0.05011	0.94989	53.85
101.5	255.87	12.95	0.05061	0.94939	51.15
102.5	111.47	0.00	0.00000	1.00000	48.56
103.5	0.00	0.00	0.00000	1.00000	48.56

Scenario: SDGE Actuarial @ 2020
Account: G380.00-Services
Placement Band: 1915 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	425,951,982.62	143,408.80	0.00034	0.99966	100.00
0.5	373,422,009.75	801,126.85	0.00215	0.99785	99.97
1.5	334,703,896.61	727,251.61	0.00217	0.99783	99.75
2.5	294,306,057.63	698,066.82	0.00237	0.99763	99.54
3.5	277,996,592.59	603,706.22	0.00217	0.99783	99.30
4.5	261,326,397.74	526,111.94	0.00201	0.99799	99.08
5.5	255,976,883.93	541,141.06	0.00211	0.99789	98.89
6.5	252,072,275.24	460,778.99	0.00183	0.99817	98.68
7.5	249,300,160.23	472,706.40	0.00190	0.99810	98.50
8.5	245,911,816.34	490,916.52	0.00200	0.99800	98.31
9.5	242,810,613.69	383,828.91	0.00158	0.99842	98.11
10.5	239,894,812.41	430,757.62	0.00180	0.99820	97.96
11.5	236,270,306.07	458,492.47	0.00194	0.99806	97.78
12.5	233,762,983.80	414,216.88	0.00177	0.99823	97.59
13.5	229,776,327.78	434,420.98	0.00189	0.99811	97.42
14.5	224,668,974.06	422,534.89	0.00188	0.99812	97.23
15.5	220,108,300.94	438,572.34	0.00199	0.99801	97.05
16.5	216,207,695.13	482,990.31	0.00223	0.99777	96.86
17.5	210,857,469.90	428,185.05	0.00203	0.99797	96.64
18.5	206,812,598.33	412,455.45	0.00199	0.99801	96.45
19.5	203,468,325.10	477,048.18	0.00234	0.99766	96.25
20.5	199,171,107.28	527,370.92	0.00265	0.99735	96.03
21.5	194,905,870.53	408,424.98	0.00210	0.99790	95.77
22.5	188,946,850.41	341,060.17	0.00181	0.99819	95.57
23.5	184,957,957.42	372,935.39	0.00202	0.99798	95.40
24.5	178,600,760.76	395,586.95	0.00221	0.99779	95.21
25.5	171,893,435.50	363,473.43	0.00211	0.99789	95.00
26.5	164,365,347.97	336,927.04	0.00205	0.99795	94.80
27.5	156,017,601.38	307,021.70	0.00197	0.99803	94.60
28.5	147,519,716.75	312,987.04	0.00212	0.99788	94.42
29.5	138,104,677.89	291,253.56	0.00211	0.99789	94.22
30.5	129,433,319.79	351,905.21	0.00272	0.99728	94.02
31.5	119,210,722.48	365,078.21	0.00306	0.99694	93.76
32.5	107,881,003.19	337,868.63	0.00313	0.99687	93.48
33.5	97,014,479.30	291,613.65	0.00301	0.99699	93.18
34.5	85,568,587.74	329,324.50	0.00385	0.99615	92.90
35.5	76,458,621.99	286,520.66	0.00375	0.99625	92.54
36.5	69,110,697.76	278,269.14	0.00403	0.99597	92.20
37.5	64,110,610.73	286,431.57	0.00447	0.99553	91.83
38.5	59,838,615.00	289,692.61	0.00484	0.99516	91.42
39.5	55,831,259.03	239,782.92	0.00429	0.99571	90.97
40.5	51,385,806.72	228,748.69	0.00445	0.99555	90.58
41.5	46,066,287.85	211,752.30	0.00460	0.99540	90.18
42.5	42,006,070.52	289,440.40	0.00689	0.99311	89.77
43.5	37,692,941.00	251,697.62	0.00668	0.99332	89.15
44.5	34,254,229.91	338,149.90	0.00987	0.99013	88.55
45.5	31,638,951.50	300,023.92	0.00948	0.99052	87.68
46.5	28,437,297.64	250,548.74	0.00881	0.99119	86.85
47.5	25,888,923.53	135,547.53	0.00524	0.99476	86.08
48.5	23,445,096.17	115,161.79	0.00491	0.99509	85.63
49.5	21,362,496.40	111,358.05	0.00521	0.99479	85.21
50.5	19,426,742.38	86,036.05	0.00443	0.99557	84.77
51.5	17,841,591.03	88,218.54	0.00494	0.99506	84.39
52.5	16,370,316.65	73,056.46	0.00446	0.99554	83.97

Scenario: SDGE Actuarial @ 2020

Account: G380.00-Services

Placement Band: 1915 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	15,296,762.69	93,629.42	0.00612	0.99388	83.60
54.5	14,400,624.11	58,641.92	0.00407	0.99593	83.09
55.5	13,480,360.03	63,804.94	0.00473	0.99527	82.75
56.5	12,344,707.71	48,672.86	0.00394	0.99606	82.36
57.5	11,358,046.19	41,593.14	0.00366	0.99634	82.03
58.5	10,459,045.66	46,097.54	0.00441	0.99559	81.73
59.5	9,472,551.66	34,807.60	0.00367	0.99633	81.37
60.5	8,242,443.30	39,948.39	0.00485	0.99515	81.07
61.5	6,719,959.18	29,140.76	0.00434	0.99566	80.68
62.5	5,655,230.25	34,137.64	0.00604	0.99396	80.33
63.5	4,866,200.53	31,079.72	0.00639	0.99361	79.85
64.5	4,231,313.60	24,825.08	0.00587	0.99413	79.34
65.5	3,577,225.43	21,627.50	0.00605	0.99395	78.87
66.5	3,085,750.34	16,486.10	0.00534	0.99466	78.39
67.5	2,389,012.23	12,545.71	0.00525	0.99475	77.97
68.5	1,954,655.00	10,936.16	0.00559	0.99441	77.57
69.5	1,560,798.10	11,058.98	0.00709	0.99291	77.13
70.5	1,216,926.09	9,076.68	0.00746	0.99254	76.58
71.5	1,012,821.59	7,342.57	0.00725	0.99275	76.01
72.5	806,700.57	6,534.73	0.00810	0.99190	75.46
73.5	630,529.87	4,520.23	0.00717	0.99283	74.85
74.5	536,981.42	7,235.76	0.01347	0.98653	74.31
75.5	489,623.18	3,459.73	0.00707	0.99293	73.31
76.5	428,797.87	5,481.01	0.01278	0.98722	72.80
77.5	402,320.74	5,554.33	0.01381	0.98619	71.86
78.5	351,834.41	4,428.30	0.01259	0.98741	70.87
79.5	246,806.71	3,818.20	0.01547	0.98453	69.98
80.5	205,365.69	1,971.73	0.00960	0.99040	68.90
81.5	159,008.57	1,861.79	0.01171	0.98829	68.24
82.5	124,600.78	1,904.09	0.01528	0.98472	67.44
83.5	97,549.78	1,655.51	0.01697	0.98303	66.41
84.5	81,097.28	501.77	0.00619	0.99381	65.28
85.5	69,190.96	654.71	0.00946	0.99054	64.88
86.5	64,916.15	387.68	0.00597	0.99403	64.26
87.5	59,692.47	678.26	0.01136	0.98864	63.88
88.5	53,165.52	360.78	0.00679	0.99321	63.15
89.5	40,134.56	561.75	0.01400	0.98600	62.72
90.5	34,940.01	285.09	0.00816	0.99184	61.85
91.5	25,127.67	320.89	0.01277	0.98723	61.34
92.5	17,288.01	124.02	0.00717	0.99283	60.56
93.5	11,877.95	38.21	0.00322	0.99678	60.12
94.5	8,894.99	182.04	0.02047	0.97953	59.93
95.5	7,464.22	19.21	0.00257	0.99743	58.70
96.5	6,172.99	117.20	0.01899	0.98101	58.55
97.5	5,411.80	50.90	0.00941	0.99059	57.44
98.5	890.46	37.70	0.04234	0.95766	56.90
99.5	658.85	2.62	0.00398	0.99602	54.49
100.5	286.17	14.34	0.05011	0.94989	54.27
101.5	255.87	12.95	0.05061	0.94939	51.55
102.5	111.47	0.00	0.00000	1.00000	48.94
103.5	0.00	0.00	0.00000	1.00000	48.94

Scenario: SDGE Actuarial @ 2020
Account: G380.00-Services
Placement Band: 1915 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	291,317,111.92	95,616.80	0.00033	0.99967	100.00
0.5	246,284,502.33	339,668.85	0.00138	0.99862	99.97
1.5	216,538,693.20	299,637.61	0.00138	0.99862	99.83
2.5	186,963,315.83	394,781.82	0.00211	0.99789	99.69
3.5	180,941,302.34	364,545.22	0.00201	0.99799	99.48
4.5	175,050,937.41	274,705.94	0.00157	0.99843	99.28
5.5	178,377,921.15	255,490.06	0.00143	0.99857	99.13
6.5	181,581,004.83	261,624.99	0.00144	0.99856	98.98
7.5	183,231,759.97	257,032.40	0.00140	0.99860	98.84
8.5	183,785,381.12	297,847.52	0.00162	0.99838	98.70
9.5	184,338,122.79	212,470.91	0.00115	0.99885	98.54
10.5	185,615,368.37	246,370.62	0.00133	0.99867	98.43
11.5	187,277,496.51	270,916.47	0.00145	0.99855	98.30
12.5	188,779,826.03	267,431.88	0.00142	0.99858	98.16
13.5	188,971,185.32	276,756.98	0.00146	0.99854	98.02
14.5	187,316,498.11	285,276.89	0.00152	0.99848	97.87
15.5	185,307,702.93	294,252.34	0.00159	0.99841	97.72
16.5	184,712,964.02	344,985.31	0.00187	0.99813	97.57
17.5	182,144,972.57	278,301.05	0.00153	0.99847	97.39
18.5	180,853,508.34	259,979.45	0.00144	0.99856	97.24
19.5	179,739,186.74	342,178.18	0.00190	0.99810	97.10
20.5	177,401,960.78	370,784.92	0.00209	0.99791	96.91
21.5	174,822,417.19	281,341.98	0.00161	0.99839	96.71
22.5	170,393,803.07	233,016.17	0.00137	0.99863	96.56
23.5	167,530,710.51	260,477.39	0.00155	0.99845	96.42
24.5	162,142,621.25	290,326.95	0.00179	0.99821	96.27
25.5	156,447,471.63	268,367.43	0.00172	0.99828	96.10
26.5	150,136,945.21	244,979.04	0.00163	0.99837	95.94
27.5	142,867,939.24	214,217.70	0.00150	0.99850	95.78
28.5	135,354,539.93	226,206.04	0.00167	0.99833	95.64
29.5	126,981,809.77	200,349.56	0.00158	0.99842	95.48
30.5	119,630,215.89	266,889.21	0.00223	0.99777	95.33
31.5	111,022,776.35	268,753.21	0.00242	0.99758	95.11
32.5	100,841,978.09	216,455.63	0.00215	0.99785	94.88
33.5	90,864,317.46	215,368.65	0.00237	0.99763	94.68
34.5	80,070,985.18	248,500.50	0.00310	0.99690	94.46
35.5	71,665,401.73	205,269.66	0.00286	0.99714	94.16
36.5	64,879,907.67	205,944.14	0.00317	0.99683	93.89
37.5	60,653,023.58	217,784.57	0.00359	0.99641	93.60
38.5	56,905,606.71	227,516.61	0.00400	0.99600	93.26
39.5	53,388,796.56	185,906.92	0.00348	0.99652	92.89
40.5	49,371,603.24	182,126.69	0.00369	0.99631	92.56
41.5	44,334,409.40	169,372.30	0.00382	0.99618	92.22
42.5	40,555,934.62	245,583.40	0.00606	0.99394	91.87
43.5	36,494,054.90	213,878.62	0.00586	0.99414	91.31
44.5	33,207,688.07	302,286.90	0.00910	0.99090	90.78
45.5	30,682,515.95	267,913.92	0.00873	0.99127	89.95
46.5	27,581,237.29	221,709.74	0.00804	0.99196	89.17
47.5	25,086,951.54	100,143.53	0.00399	0.99601	88.45
48.5	22,732,906.40	78,151.79	0.00344	0.99656	88.10
49.5	20,811,059.11	82,707.05	0.00397	0.99603	87.79
50.5	18,956,591.85	62,071.55	0.00327	0.99673	87.44
51.5	17,451,358.29	64,519.54	0.00370	0.99630	87.16
52.5	16,046,956.43	51,425.46	0.00320	0.99680	86.84

Scenario: SDGE Actuarial @ 2020

Account: G380.00-Services

Placement Band: 1915 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	15,031,717.32	60,936.42	0.00405	0.99595	86.56
54.5	14,188,764.96	41,220.92	0.00291	0.99709	86.21
55.5	13,301,487.85	53,239.94	0.00400	0.99600	85.96
56.5	12,182,883.04	41,728.86	0.00343	0.99657	85.61
57.5	11,210,966.89	34,468.14	0.00307	0.99693	85.32
58.5	10,327,710.22	39,777.54	0.00385	0.99615	85.06
59.5	9,366,473.46	28,622.60	0.00306	0.99694	84.73
60.5	8,153,396.84	33,291.39	0.00408	0.99592	84.47
61.5	6,660,313.54	26,146.76	0.00393	0.99607	84.13
62.5	5,621,202.54	29,191.64	0.00519	0.99481	83.79
63.5	4,846,196.00	29,373.72	0.00606	0.99394	83.36
64.5	4,219,535.04	24,480.08	0.00580	0.99420	82.85
65.5	3,567,646.69	21,423.50	0.00600	0.99400	82.37
66.5	3,077,777.82	16,411.10	0.00533	0.99467	81.88
67.5	2,382,338.27	12,390.71	0.00520	0.99480	81.44
68.5	1,953,010.55	10,838.16	0.00555	0.99445	81.02
69.5	1,559,787.16	11,058.98	0.00709	0.99291	80.57
70.5	1,216,370.62	9,065.68	0.00745	0.99255	80.00
71.5	1,012,304.07	7,326.57	0.00724	0.99276	79.40
72.5	806,409.78	6,528.73	0.00810	0.99190	78.83
73.5	630,509.24	4,520.23	0.00717	0.99283	78.19
74.5	536,960.79	7,235.76	0.01348	0.98652	77.63
75.5	489,623.18	3,459.73	0.00707	0.99293	76.58
76.5	428,797.87	5,481.01	0.01278	0.98722	76.04
77.5	402,320.74	5,554.33	0.01381	0.98619	75.07
78.5	351,834.41	4,428.30	0.01259	0.98741	74.03
79.5	246,806.71	3,818.20	0.01547	0.98453	73.10
80.5	205,365.69	1,971.73	0.00960	0.99040	71.97
81.5	159,008.57	1,861.79	0.01171	0.98829	71.28
82.5	124,600.78	1,904.09	0.01528	0.98472	70.44
83.5	97,549.78	1,655.51	0.01697	0.98303	69.37
84.5	81,097.28	501.77	0.00619	0.99381	68.19
85.5	69,190.96	654.71	0.00946	0.99054	67.77
86.5	64,916.15	387.68	0.00597	0.99403	67.13
87.5	59,692.47	678.26	0.01136	0.98864	66.73
88.5	53,165.52	360.78	0.00679	0.99321	65.97
89.5	40,134.56	561.75	0.01400	0.98600	65.52
90.5	34,940.01	285.09	0.00816	0.99184	64.60
91.5	25,127.67	320.89	0.01277	0.98723	64.08
92.5	17,288.01	124.02	0.00717	0.99283	63.26
93.5	11,877.95	38.21	0.00322	0.99678	62.80
94.5	8,894.99	182.04	0.02047	0.97953	62.60
95.5	7,464.22	19.21	0.00257	0.99743	61.32
96.5	6,172.99	117.20	0.01899	0.98101	61.16
97.5	5,411.80	50.90	0.00941	0.99059	60.00
98.5	890.46	37.70	0.04234	0.95766	59.44
99.5	658.85	2.62	0.00398	0.99602	56.92
100.5	286.17	14.34	0.05011	0.94989	56.69
101.5	255.87	12.95	0.05061	0.94939	53.85
102.5	111.47	0.00	0.00000	1.00000	51.13
103.5	0.00	0.00	0.00000	1.00000	51.13

Scenario: SDGE Actuarial @ 2020
Account: G380.00-Services
Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	425,951,982.62	143,408.80	0.00034	0.99966	100.00
0.5	372,009,899.79	798,903.85	0.00215	0.99785	99.97
1.5	331,564,742.06	720,843.61	0.00217	0.99783	99.75
2.5	289,920,445.12	685,530.82	0.00236	0.99764	99.54
3.5	272,665,178.64	588,008.22	0.00216	0.99784	99.30
4.5	255,228,712.54	504,911.94	0.00198	0.99802	99.09
5.5	249,076,425.61	511,007.06	0.00205	0.99795	98.89
6.5	244,459,578.53	428,921.99	0.00175	0.99825	98.69
7.5	240,782,256.02	431,598.40	0.00179	0.99821	98.51
8.5	236,819,165.76	443,648.52	0.00187	0.99813	98.34
9.5	233,185,034.78	334,620.91	0.00144	0.99856	98.15
10.5	229,826,492.04	375,965.62	0.00164	0.99836	98.01
11.5	225,931,657.72	399,676.47	0.00177	0.99823	97.85
12.5	223,138,675.17	352,723.88	0.00158	0.99842	97.68
13.5	218,910,409.19	366,201.98	0.00167	0.99833	97.53
14.5	213,685,594.21	357,756.89	0.00167	0.99833	97.36
15.5	209,090,007.17	376,505.34	0.00180	0.99820	97.20
16.5	205,147,983.16	421,054.31	0.00205	0.99795	97.02
17.5	199,803,355.57	363,342.05	0.00182	0.99818	96.83
18.5	195,736,379.78	346,691.45	0.00177	0.99823	96.65
19.5	192,271,743.07	418,462.18	0.00218	0.99782	96.48
20.5	187,927,670.49	466,306.92	0.00248	0.99752	96.27
21.5	183,623,065.95	347,978.98	0.00190	0.99810	96.03
22.5	177,632,683.31	276,281.17	0.00156	0.99844	95.85
23.5	173,628,878.47	300,000.39	0.00173	0.99827	95.70
24.5	167,287,864.59	326,930.95	0.00195	0.99805	95.53
25.5	160,604,081.36	285,200.43	0.00178	0.99822	95.35
26.5	153,127,958.32	255,148.04	0.00167	0.99833	95.18
27.5	144,831,181.36	223,083.70	0.00154	0.99846	95.02
28.5	136,376,798.87	228,554.04	0.00168	0.99832	94.87
29.5	126,981,809.77	200,349.56	0.00158	0.99842	94.71
30.5	118,345,268.93	263,738.21	0.00223	0.99777	94.56
31.5	108,139,399.80	263,197.21	0.00243	0.99757	94.35
32.5	96,835,324.58	203,367.63	0.00210	0.99790	94.12
33.5	86,034,394.51	200,382.65	0.00233	0.99767	93.92
34.5	74,582,284.98	229,918.50	0.00308	0.99692	93.70
35.5	65,493,135.41	182,945.66	0.00279	0.99721	93.42
36.5	58,177,751.96	177,600.14	0.00305	0.99695	93.15
37.5	53,224,200.37	192,717.57	0.00362	0.99638	92.87
38.5	49,010,750.13	200,864.22	0.00410	0.99590	92.53
39.5	45,067,809.04	149,435.03	0.00332	0.99668	92.16
40.5	40,700,762.15	149,206.32	0.00367	0.99633	91.85
41.5	35,457,581.70	135,322.98	0.00382	0.99618	91.51
42.5	31,469,662.96	187,882.37	0.00597	0.99403	91.16
43.5	27,255,518.31	171,981.91	0.00631	0.99369	90.62
44.5	23,894,629.93	263,937.05	0.01105	0.98895	90.05
45.5	21,353,543.74	220,493.32	0.01033	0.98967	89.05
46.5	18,231,420.48	178,882.13	0.00981	0.99019	88.13
47.5	15,754,412.98	60,536.47	0.00384	0.99616	87.27
48.5	13,385,596.68	42,162.27	0.00315	0.99685	86.93
49.5	11,375,996.43	43,316.51	0.00381	0.99619	86.66
50.5	9,508,283.95	26,628.46	0.00280	0.99720	86.33
51.5	7,982,526.19	33,759.08	0.00423	0.99577	86.09
52.5	6,565,711.27	18,845.11	0.00302	0.99698	85.72

Scenario: SDGE Actuarial @ 2020

Account: G380.00-Services

Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	5,541,448.66	26,327.37	0.00475	0.99525	85.46
54.5	4,708,276.13	8,617.19	0.00183	0.99817	85.06
55.5	3,836,949.78	17,303.92	0.00451	0.99549	84.90
56.5	2,747,798.48	5,950.96	0.00217	0.99783	84.52
57.5	1,803,858.86	3,899.82	0.00216	0.99784	84.33
58.5	942,551.65	2,155.19	0.00229	0.99771	84.15
59.5	0.00	0.00	0.00000	0.00000	83.96

Scenario: SDGE Actuarial @ 2020
Account: G380.00-Services
Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	291,317,111.92	95,616.80	0.00033	0.99967	100.00
0.5	246,284,502.33	339,668.85	0.00138	0.99862	99.97
1.5	216,538,693.20	299,637.61	0.00138	0.99862	99.83
2.5	186,963,315.83	394,781.82	0.00211	0.99789	99.69
3.5	180,941,302.34	364,545.22	0.00201	0.99799	99.48
4.5	175,050,937.41	274,705.94	0.00157	0.99843	99.28
5.5	178,377,921.15	255,490.06	0.00143	0.99857	99.13
6.5	181,581,004.83	261,624.99	0.00144	0.99856	98.98
7.5	183,231,759.97	257,032.40	0.00140	0.99860	98.84
8.5	183,785,381.12	297,847.52	0.00162	0.99838	98.70
9.5	184,338,122.79	212,470.91	0.00115	0.99885	98.54
10.5	185,615,368.37	246,370.62	0.00133	0.99867	98.43
11.5	187,277,496.51	270,916.47	0.00145	0.99855	98.30
12.5	188,779,826.03	267,431.88	0.00142	0.99858	98.16
13.5	188,971,185.32	276,756.98	0.00146	0.99854	98.02
14.5	187,316,498.11	285,276.89	0.00152	0.99848	97.87
15.5	185,307,702.93	294,252.34	0.00159	0.99841	97.72
16.5	184,712,964.02	344,985.31	0.00187	0.99813	97.57
17.5	182,144,972.57	278,301.05	0.00153	0.99847	97.39
18.5	180,853,508.34	259,979.45	0.00144	0.99856	97.24
19.5	179,739,186.74	342,178.18	0.00190	0.99810	97.10
20.5	177,401,960.78	370,784.92	0.00209	0.99791	96.91
21.5	174,822,417.19	281,341.98	0.00161	0.99839	96.71
22.5	170,393,803.07	233,016.17	0.00137	0.99863	96.56
23.5	167,530,710.51	260,477.39	0.00155	0.99845	96.42
24.5	162,142,621.25	290,326.95	0.00179	0.99821	96.27
25.5	156,447,471.63	268,367.43	0.00172	0.99828	96.10
26.5	150,136,945.21	244,979.04	0.00163	0.99837	95.94
27.5	142,867,939.24	214,217.70	0.00150	0.99850	95.78
28.5	135,354,539.93	226,206.04	0.00167	0.99833	95.64
29.5	126,981,809.77	200,349.56	0.00158	0.99842	95.48
30.5	118,345,268.93	263,738.21	0.00223	0.99777	95.33
31.5	108,139,399.80	263,197.21	0.00243	0.99757	95.11
32.5	96,835,324.58	203,367.63	0.00210	0.99790	94.88
33.5	86,034,394.51	200,382.65	0.00233	0.99767	94.68
34.5	74,582,284.98	229,918.50	0.00308	0.99692	94.46
35.5	65,493,135.41	182,945.66	0.00279	0.99721	94.17
36.5	58,177,751.96	177,600.14	0.00305	0.99695	93.91
37.5	53,224,200.37	192,717.57	0.00362	0.99638	93.62
38.5	49,010,750.13	200,864.22	0.00410	0.99590	93.28
39.5	45,067,809.04	149,435.03	0.00332	0.99668	92.90
40.5	40,700,762.15	149,206.32	0.00367	0.99633	92.59
41.5	35,457,581.70	135,322.98	0.00382	0.99618	92.25
42.5	31,469,662.96	187,882.37	0.00597	0.99403	91.90
43.5	27,255,518.31	171,981.91	0.00631	0.99369	91.35
44.5	23,894,629.93	263,937.05	0.01105	0.98895	90.78
45.5	21,353,543.74	220,493.32	0.01033	0.98967	89.77
46.5	18,231,420.48	178,882.13	0.00981	0.99019	88.85
47.5	15,754,412.98	60,536.47	0.00384	0.99616	87.97
48.5	13,385,596.68	42,162.27	0.00315	0.99685	87.64
49.5	11,375,996.43	43,316.51	0.00381	0.99619	87.36
50.5	9,508,283.95	26,628.46	0.00280	0.99720	87.03
51.5	7,982,526.19	33,759.08	0.00423	0.99577	86.78
52.5	6,565,711.27	19,845.11	0.00302	0.99698	86.42

Scenario: SDGE Actuarial @ 2020

Account: G380.00-Services

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	5,541,448.66	26,327.37	0.00475	0.99525	86.16
54.5	4,708,276.13	8,617.19	0.00183	0.99817	85.75
55.5	3,836,949.78	17,303.92	0.00451	0.99549	85.59
56.5	2,747,798.48	5,950.96	0.00217	0.99783	85.20
57.5	1,803,858.86	3,899.82	0.00216	0.99784	85.02
58.5	942,551.65	2,155.19	0.00229	0.99771	84.83
59.5	0.00	0.00	0.00000	0.00000	84.64

Scenario: SDGE Actuarial @ 2020
Account: G380.00-Services
Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	291,317,111.92	95,616.80	0.00033	0.99967	100.00
0.5	237,422,821.09	309,988.85	0.00131	0.99869	99.97
1.5	197,466,578.36	270,223.61	0.00137	0.99863	99.84
2.5	156,272,901.42	349,066.82	0.00223	0.99777	99.70
3.5	139,354,098.94	306,533.22	0.00220	0.99780	99.48
4.5	122,199,107.84	218,283.94	0.00179	0.99821	99.26
5.5	116,333,448.91	182,716.06	0.00157	0.99843	99.08
6.5	112,044,892.83	181,954.99	0.00162	0.99838	98.92
7.5	108,631,714.32	153,823.40	0.00142	0.99858	98.76
8.5	104,923,053.06	156,681.05	0.00149	0.99851	98.62
9.5	101,476,395.55	112,196.91	0.00111	0.99889	98.48
10.5	98,220,389.81	113,187.94	0.00115	0.99885	98.37
11.5	94,170,991.17	131,154.95	0.00139	0.99861	98.26
12.5	91,646,530.14	98,567.56	0.00108	0.99892	98.12
13.5	87,672,420.48	122,012.76	0.00139	0.99861	98.01
14.5	82,691,794.72	102,432.55	0.00124	0.99876	97.88
15.5	78,351,532.02	123,530.30	0.00158	0.99842	97.76
16.5	74,662,483.05	117,905.16	0.00158	0.99842	97.60
17.5	69,621,004.61	43,271.67	0.00062	0.99938	97.45
18.5	65,876,195.20	64,662.63	0.00098	0.99902	97.39
19.5	62,693,587.31	62,920.86	0.00100	0.99900	97.29
20.5	58,705,056.05	85,048.29	0.00145	0.99855	97.20
21.5	54,782,112.14	83,017.55	0.00152	0.99848	97.05
22.5	49,056,690.93	53,020.38	0.00108	0.99892	96.91
23.5	45,276,099.88	66,942.74	0.00148	0.99852	96.80
24.5	39,168,143.65	69,116.20	0.00176	0.99824	96.66
25.5	32,742,175.17	81,128.76	0.00248	0.99752	96.49
26.5	25,503,464.77	38,053.98	0.00149	0.99851	96.25
27.5	17,423,781.87	27,167.76	0.00156	0.99844	96.11
28.5	9,165,315.32	6,655.26	0.00073	0.99927	95.96
29.5	0.00	0.00	0.00000	0.00000	95.89

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G380.00-Services

Scenario: SDGE Actuarial @ 2020

Placement Band: 1915 - 1951

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -1951	36.5	36.34	0.01132724	R1	28.36
1948 -1952	37.5	32.00	0.01032713	R1	27.92
1949 -1953	38.5	26.22	0.00636121	R1	27.72
1950 -1954	39.5	25.09	0.00359238	S0.5	28.65
1951 -1955	40.5	22.07	0.00830117	L1.5	28.55
1952 -1956	41.5	19.56	0.00711840	L1	27.01
1953 -1957	42.5	20.22	0.00790098	L1	27.55
1954 -1958	43.5	20.73	0.00867276	L1	28.64
1955 -1959	44.5	20.59	0.00638635	L1	29.58
1956 -1960	45.5	17.95	0.00355702	S0	29.64
1957 -1961	46.5	15.14	0.00088048	S0.5	30.95
1958 -1962	47.5	12.25	0.00698786	S0.5	31.48
1959 -1963	48.5	11.65	0.00355139	S1	31.68
1960 -1964	49.5	10.31	0.00430938	S1	32.46
1961 -1965	50.5	11.76	0.00652380	S1	33.36
1962 -1966	51.5	15.05	0.00804345	S1	34.27
1963 -1967	52.5	17.37	0.01232774	S1	35.90
1964 -1968	53.5	21.19	0.01463054	S1	37.28
1965 -1969	54.5	24.75	0.02075576	S1	38.82
1966 -1970	55.5	29.52	0.01728687	L1.5	43.99
1967 -1971	56.5	34.28	0.01590313	L1.5	47.28
1968 -1972	57.5	36.39	0.01348729	L1.5	49.66
1969 -1973	58.5	27.05	0.00908193	R2	44.99
1970 -1974	59.5	15.54	0.01297131	R2.5	42.77
1971 -1975	60.5	9.64	0.00490325	R2.5	42.49
1972 -1976	61.5	8.69	0.01830452	R3	42.64
1973 -1977	62.5	1.88	0.00891824	R3	42.19
1974 -1978	63.5	0.87	0.02848942	R3	43.04
1975 -1979	64.5	1.00	0.06134960	R3	43.88
1976 -1980	65.5	1.56	0.07428191	R3	44.93
1977 -1981	66.5	2.71	0.08384197	R3	46.64
1978 -1982	67.5	5.99	0.05842763	R3	48.89
1979 -1983	68.5	14.27	0.03655923	R3	51.08
1980 -1984	69.5	25.73	0.02246574	R2.5	54.62
1981 -1985	70.5	21.32	0.04310535	R2.5	54.63
1982 -1986	71.5	17.25	0.04863787	R2	52.98
1983 -1987	72.5	16.14	0.04475298	R2	53.26
1984 -1988	73.5	28.12	0.03746985	R2	56.24
1985 -1989	74.5	20.35	0.04589059	R2	56.53
1986 -1990	75.5	31.87	0.03684777	R2	60.05
1987 -1991	76.5	40.66	0.03551123	R2	65.50
1988 -1992	77.5	40.91	0.04895189	R2.5	65.62
1989 -1993	78.5	33.24	0.06212277	R2.5	64.04
1990 -1994	79.5	44.58	0.04479124	R2.5	69.91

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G380.00-Services

Scenario: SDGE Actuarial @ 2020

Placement Band: 1915 - 1995

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1991 -1995	80.5	49.49	0.03913382	L2	80.42
1992 -1996	81.5	52.13	0.04075165	L2	82.21
1993 -1997	82.5	55.28	0.03273153	S1	83.24
1994 -1998	83.5	55.95	0.03450016	R2	81.73
1995 -1999	84.5	51.19	0.03616727	R2	80.54
1996 -2000	85.5	42.17	0.02459115	R2	82.06
1997 -2001	86.5	7.90	0.16623697	R2.5	79.64
1998 -2002	87.5	9.42	0.27224296	R2.5	78.97
1999 -2003	88.5	56.28	0.02739255	R2	89.90
2000 -2004	89.5	60.91	0.02477133	R2.5	88.99
2001 -2005	90.5	0.00	0.25126872	R3	82.35
2002 -2006	91.5	0.00	0.41460735	R3	80.85
2003 -2007	92.5	51.15	0.02668077	R2	88.07
2004 -2008	93.5	53.99	0.03132951	R2	89.17
2005 -2009	94.5	52.37	0.05189180	R2	90.07
2006 -2010	95.5	59.00	0.04293208	R2	96.80
2007 -2011	96.5	62.07	0.03562907	R2.5	96.93
2008 -2012	97.5	42.59	0.08409135	R3	96.03
2009 -2013	98.5	46.57	0.05433993	R3	97.28
2010 -2014	99.5	47.48	0.06964314	R3	101.08
2011 -2015	100.5	59.73	0.02172568	R3	103.36
2012 -2016	101.5	59.95	0.01213256	R2.5	106.97
2013 -2017	102.5	64.70	0.00730414	R2	111.31
2014 -2018	103.5	69.19	0.00592750	S0	141.38
2015 -2019	104.5	45.62	0.04941640	R2	98.63
2016 -2020	105.5	51.61	0.02466026	R1.5	104.66

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G380.00-Services

Scenario: SDGE Actuarial @ 2020

Placement Band: 1915 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

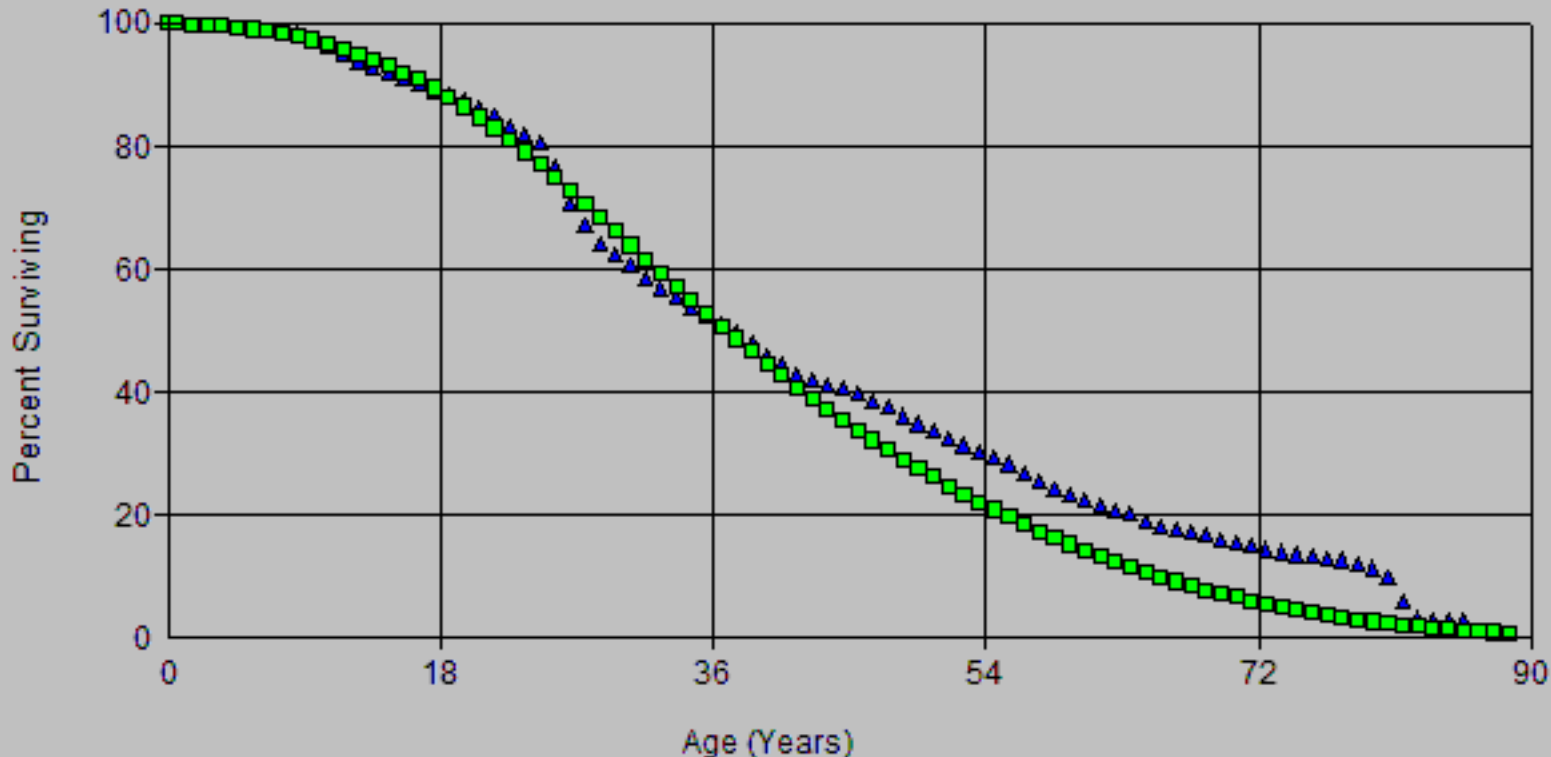
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -2020	105.5	48.56	0.00627138	R1.5	99.58
1952 -2020	105.5	48.64	0.00614351	R1.5	99.89
1957 -2020	105.5	48.80	0.00637302	R1.5	100.50
1962 -2020	105.5	48.99	0.00717289	R1.5	101.22
1967 -2020	105.5	49.22	0.00879272	R1.5	102.07
1972 -2020	105.5	49.40	0.01047049	R1.5	102.68
1977 -2020	105.5	49.82	0.01360760	R1.5	103.94
1982 -2020	105.5	50.28	0.01786997	S0.5	107.97
1987 -2020	105.5	50.75	0.01322444	R2	99.88
1992 -2020	105.5	51.18	0.00858087	R2	101.12
1997 -2020	105.5	51.52	0.00798158	R2	101.85
2002 -2020	105.5	52.02	0.00733707	R2	103.04
2007 -2020	105.5	52.77	0.00948560	R2	104.22
2012 -2020	105.5	53.07	0.01682899	R2	103.78
2017 -2020	105.5	50.47	0.03087272	R1.5	102.67

Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD - APB
 Depreciation

▲ Actual Data

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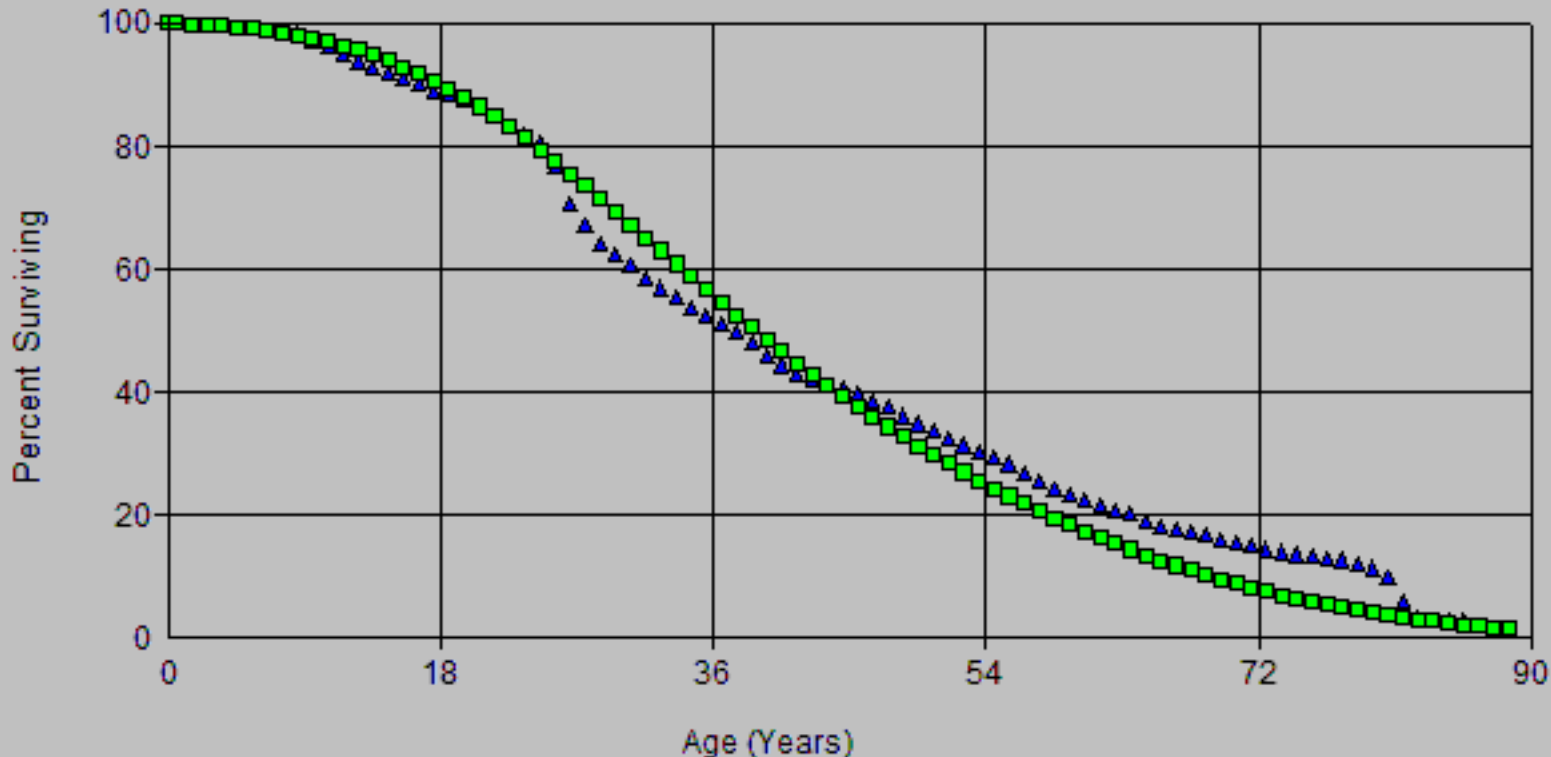


Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APB
 Depreciation

▲ Actual Data

■ L1.5 41.00

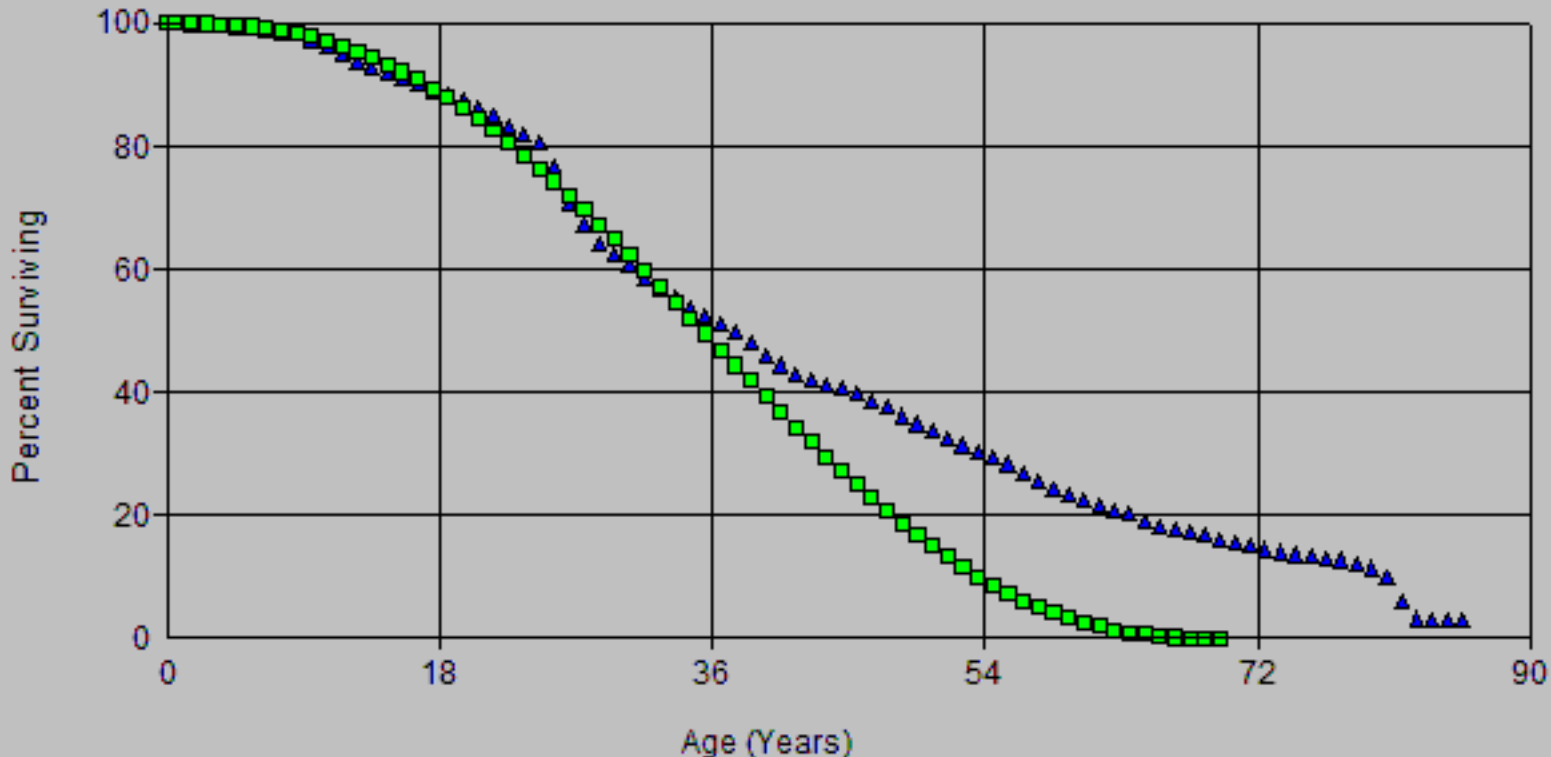


Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD - APB
 Depreciation

▲ Actual Data

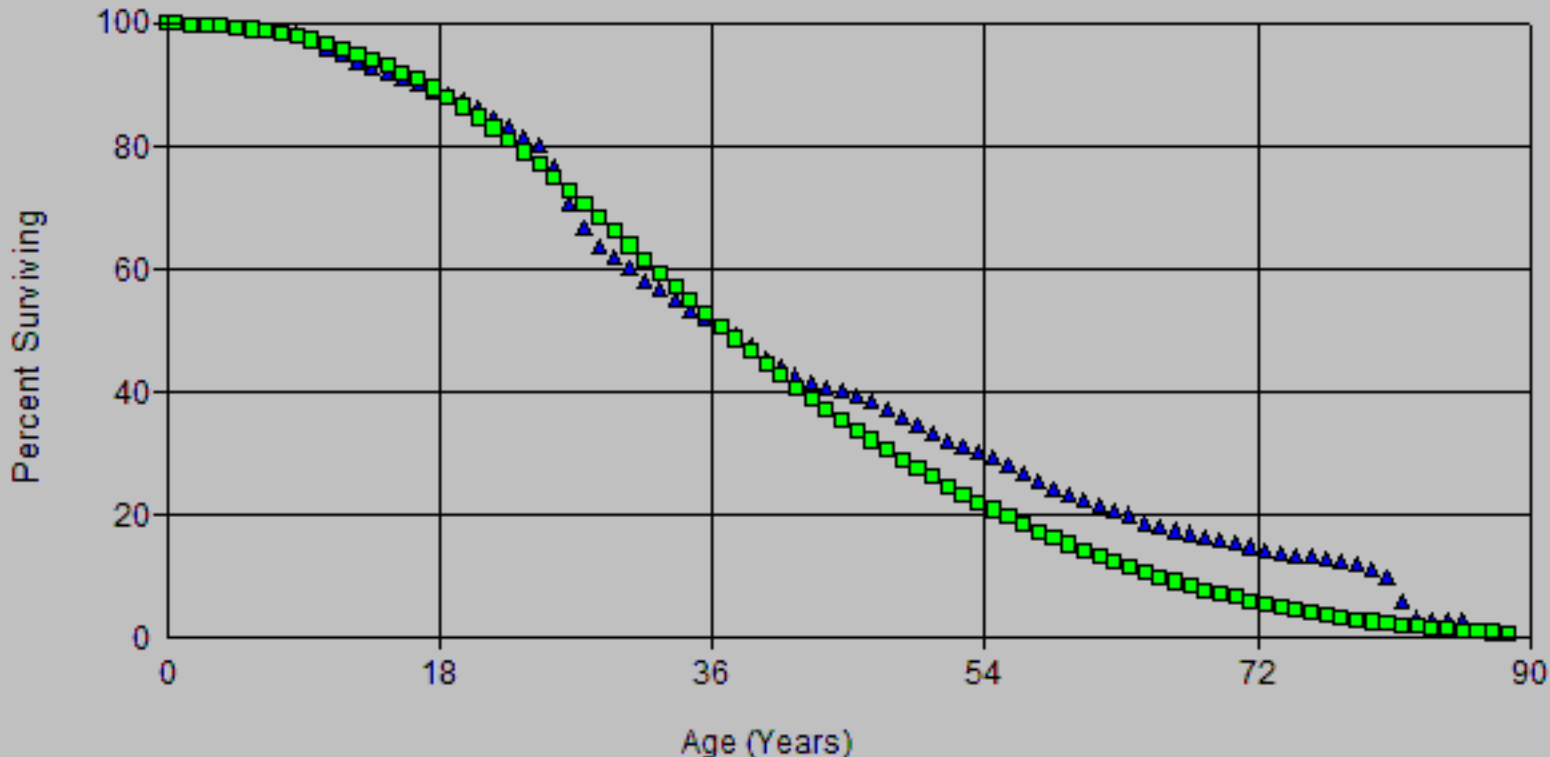
■ S1 35.00



Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APB
 Depreciation

▲ Actual Data ■ L1.5 39.00

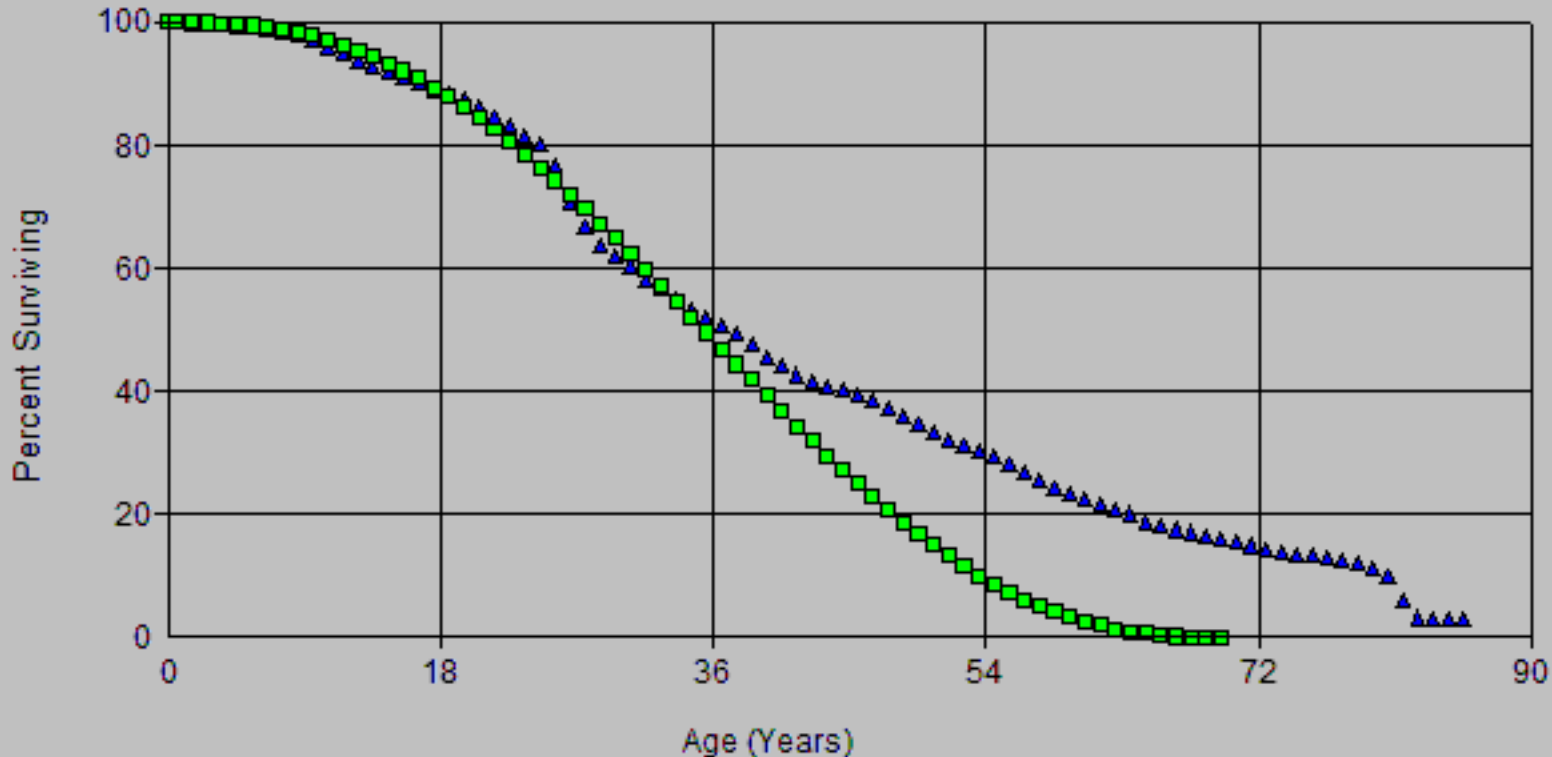


Account: G381.00 Meters & Regulators
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD - APB
Depreciation

▲ Actual Data

■ S1 35.00

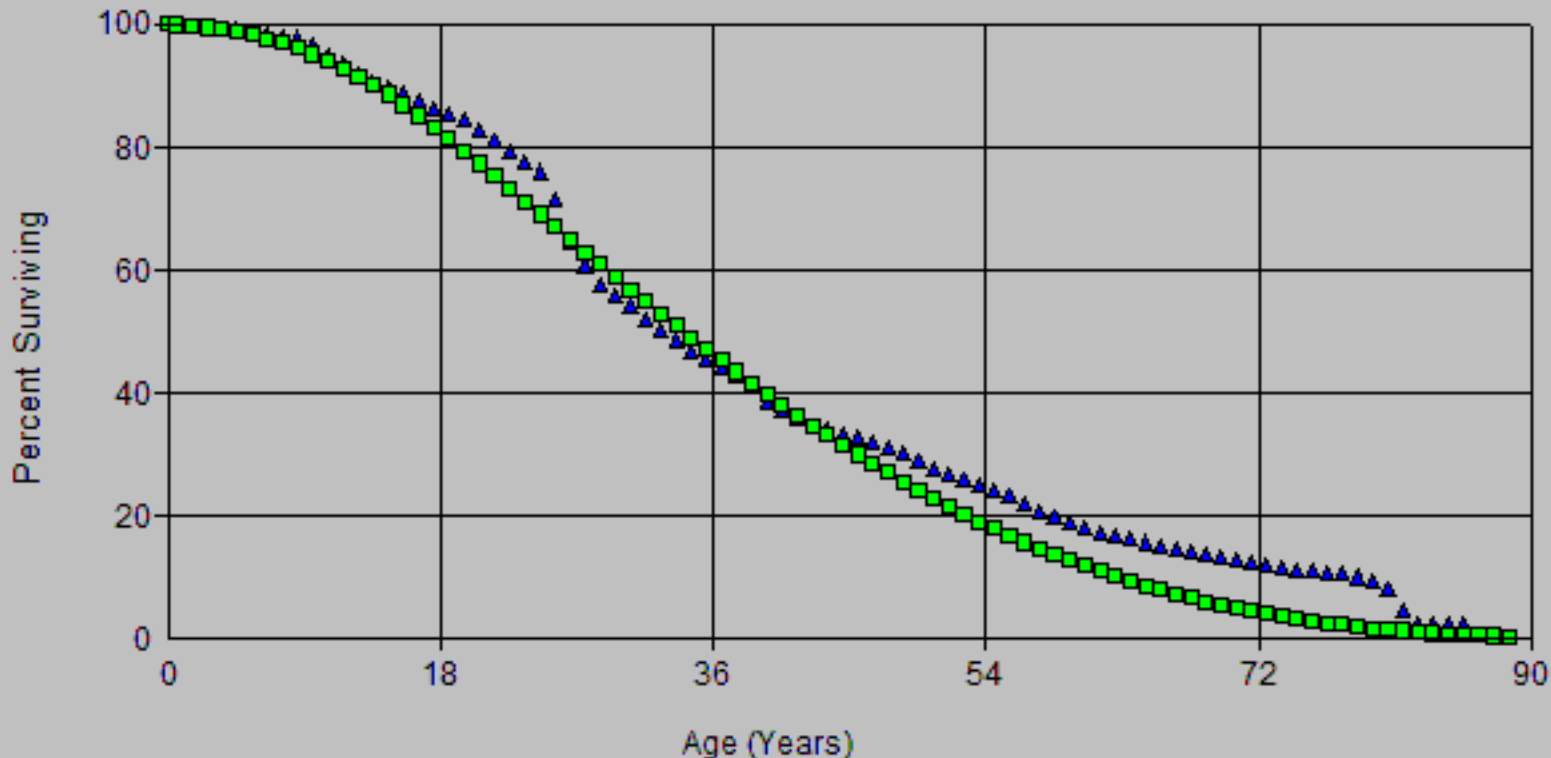


Account: G381.00 Meters & Regulators
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APB
Depreciation

▲ Actual Data

■ L1 36.00

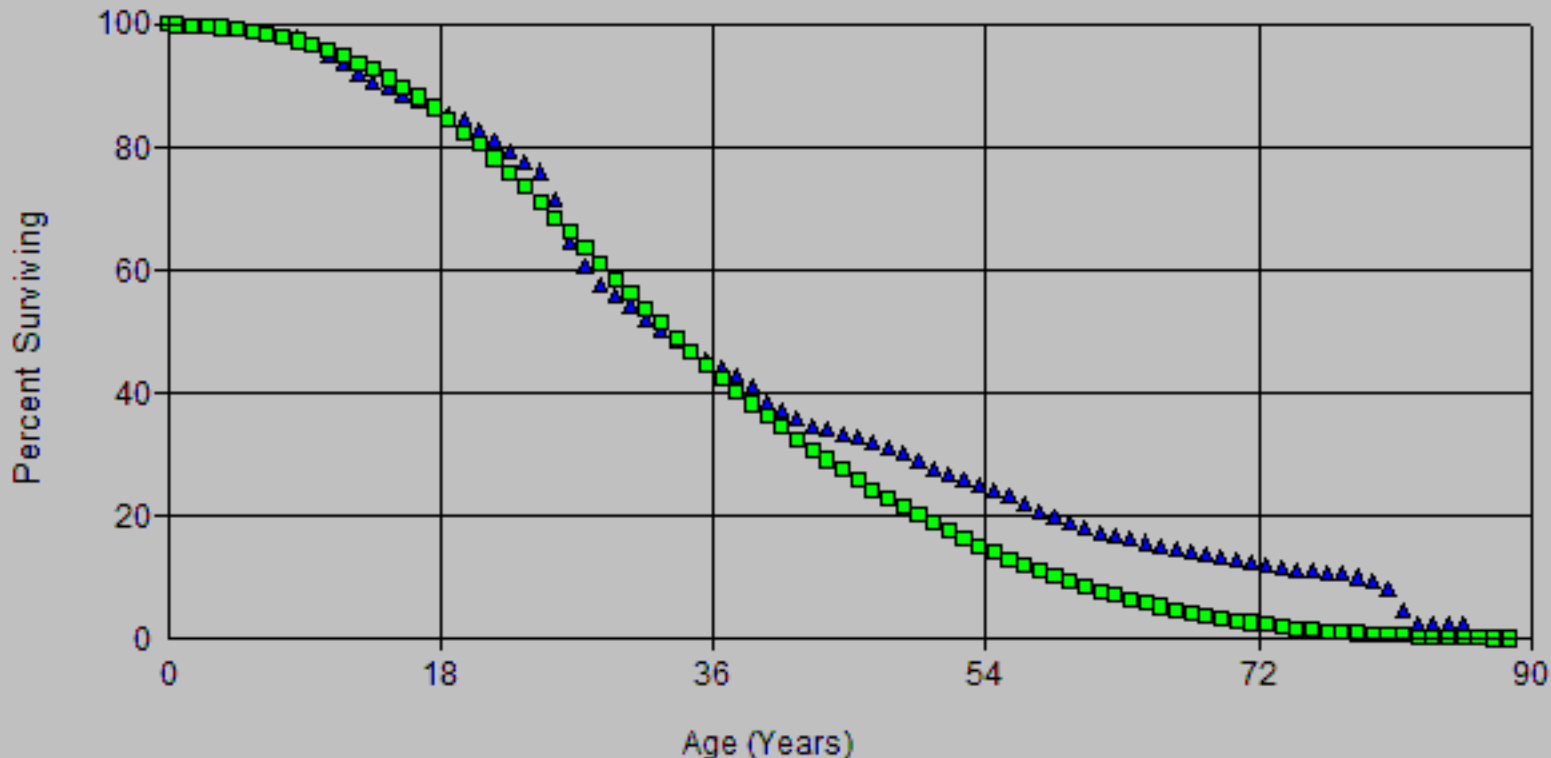


Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APB
 Depreciation

▲ Actual Data

■ L1.5 35.00

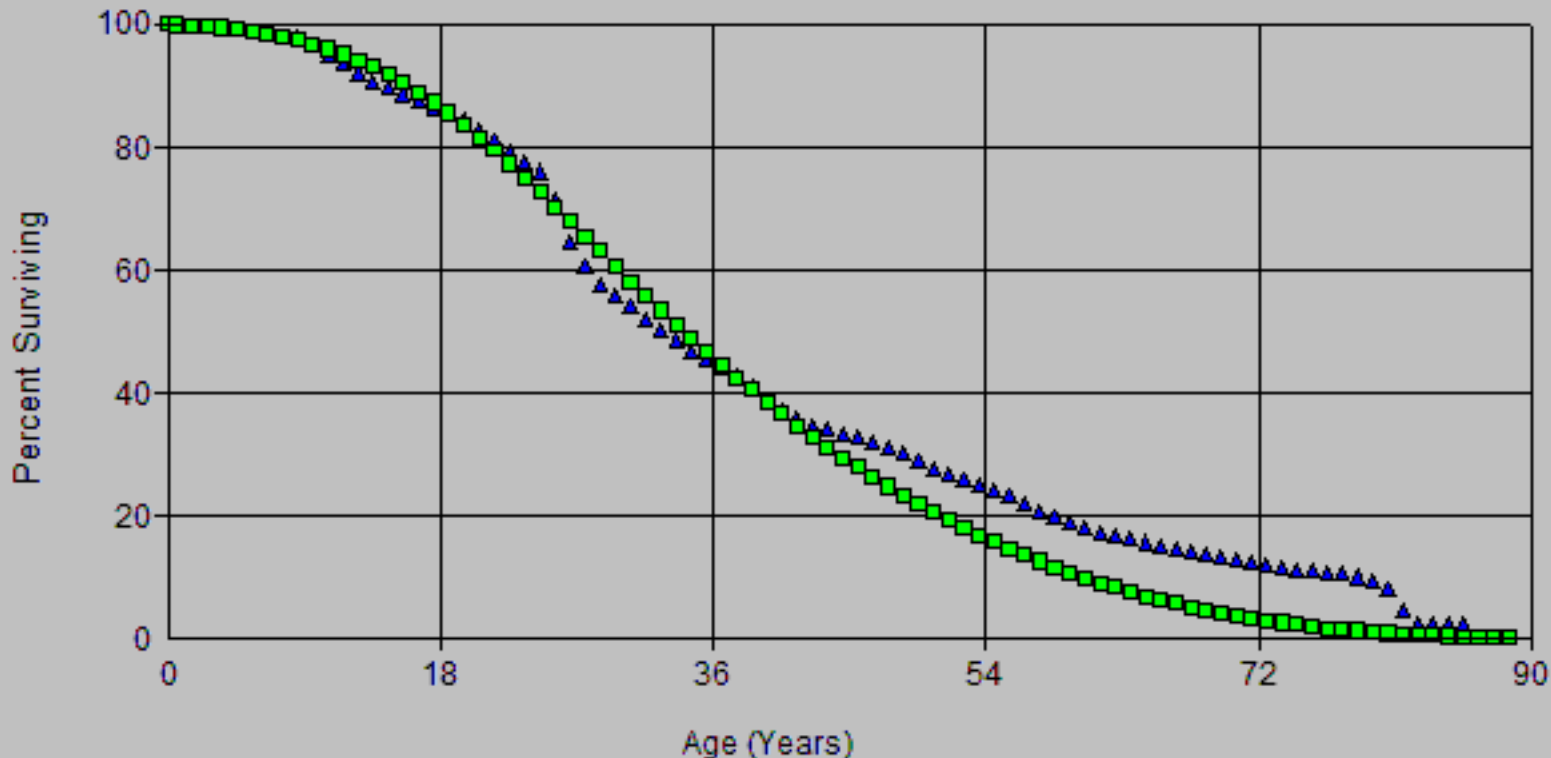


Account: G381.00 Meters & Regulators
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APB
Depreciation

▲ Actual Data

■ L1.5 36.00

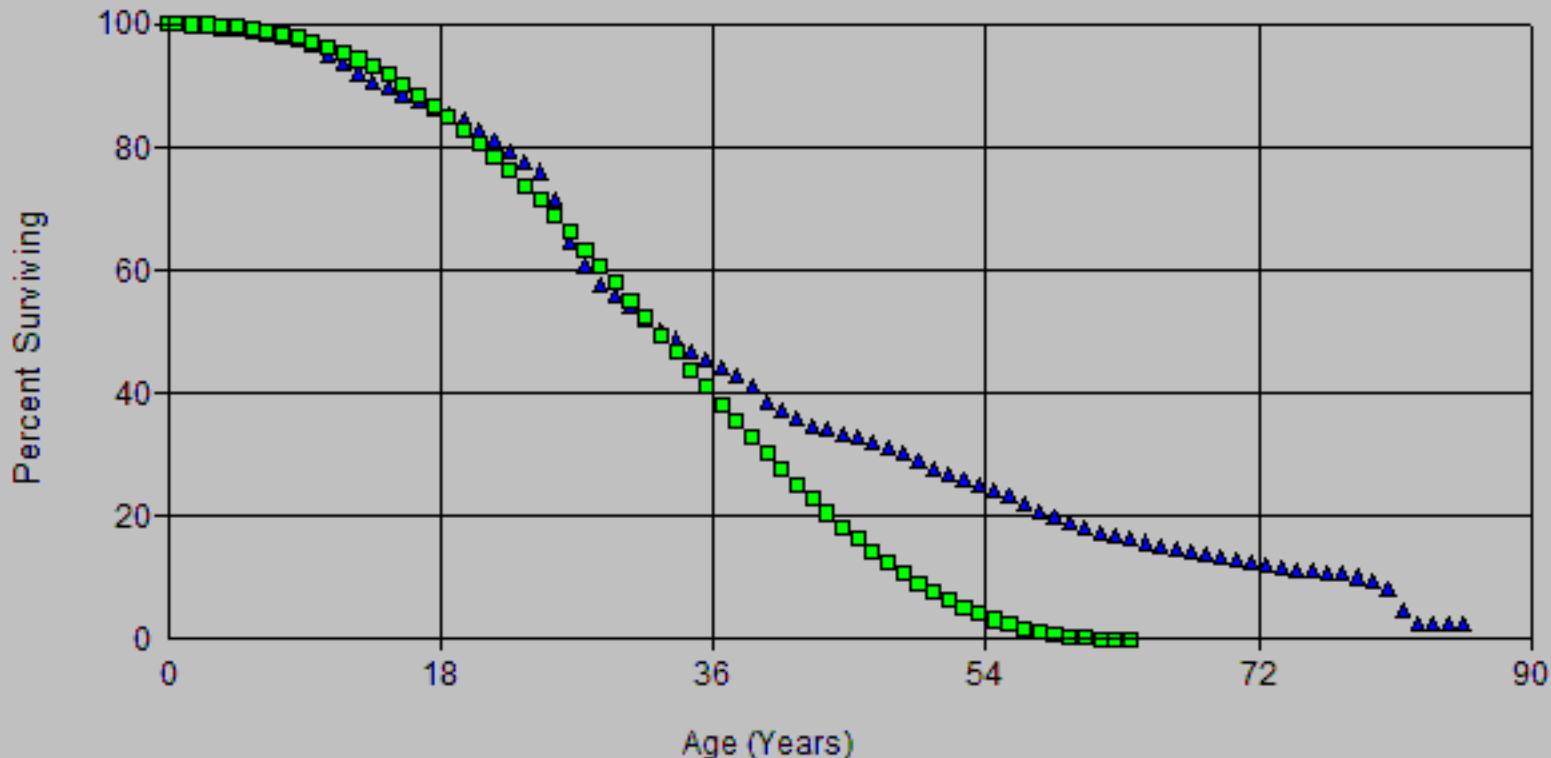


Account: G381.00 Meters & Regulators
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APB
Depreciation

▲ Actual Data

■ S132.00

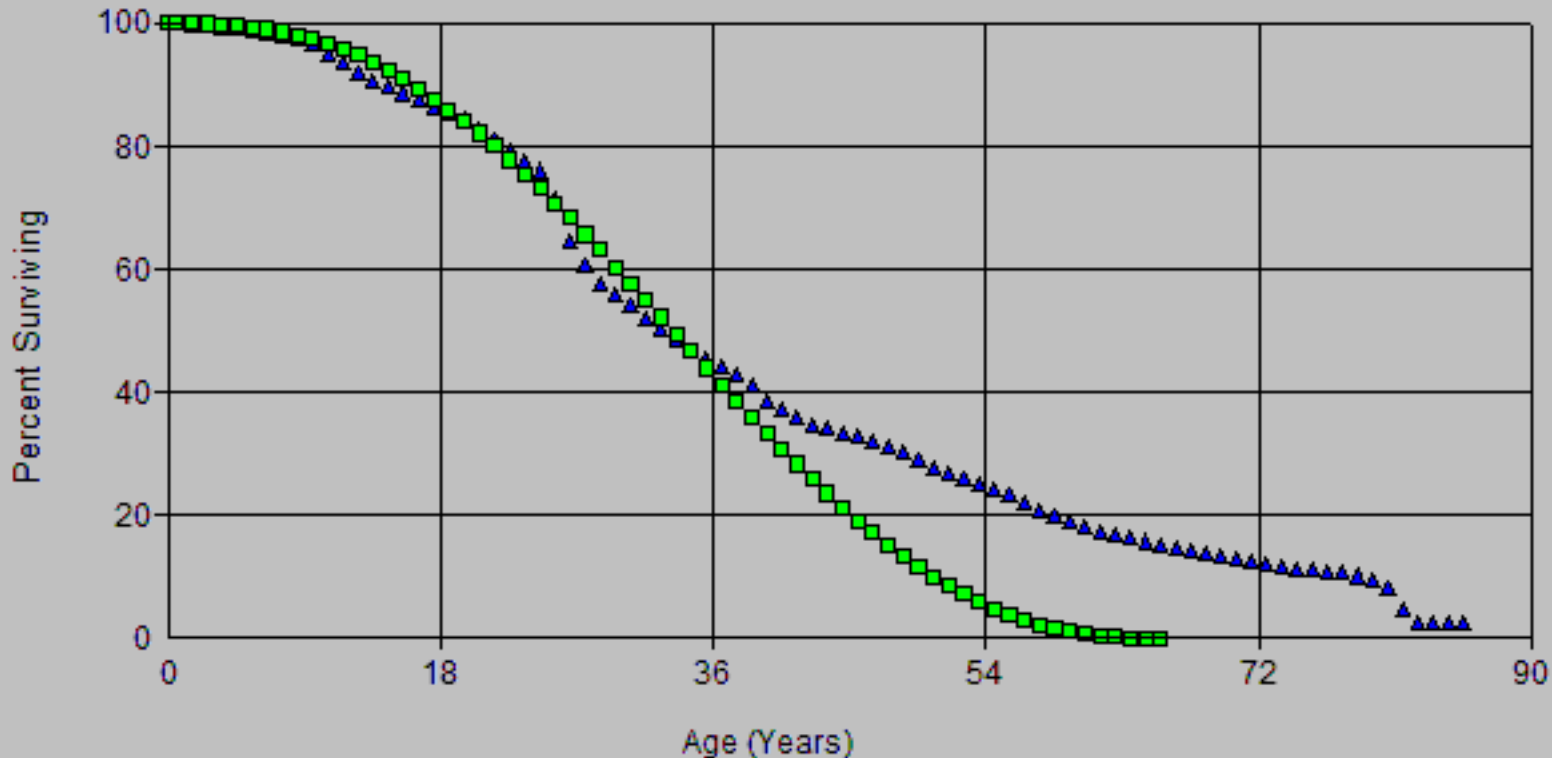


Account: G381.00 Meters & Regulators
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APB
Depreciation

▲ Actual Data

■ S1 33.00

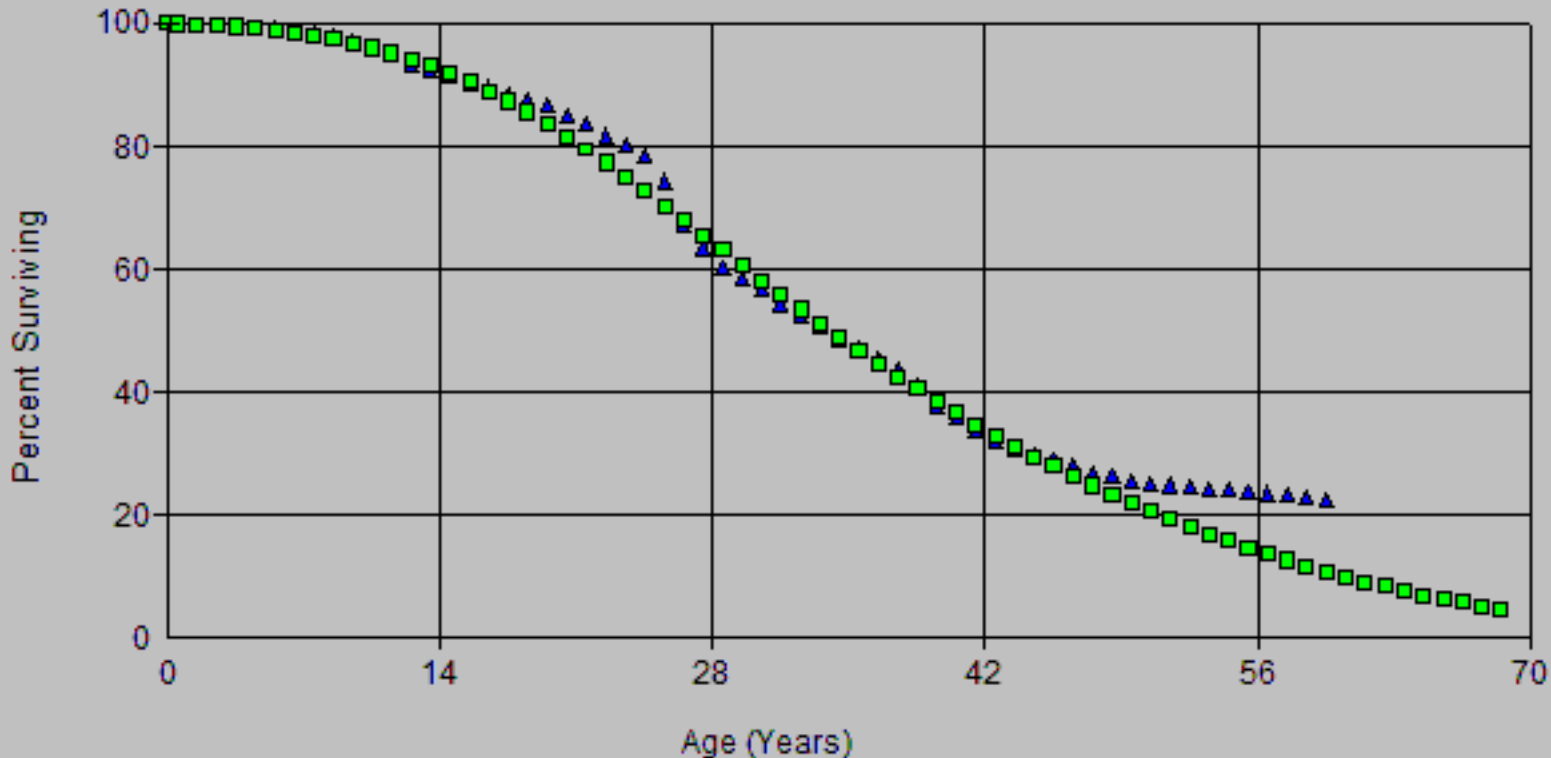


Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APB
 Depreciation

▲ Actual Data

■ L1.5 36.00

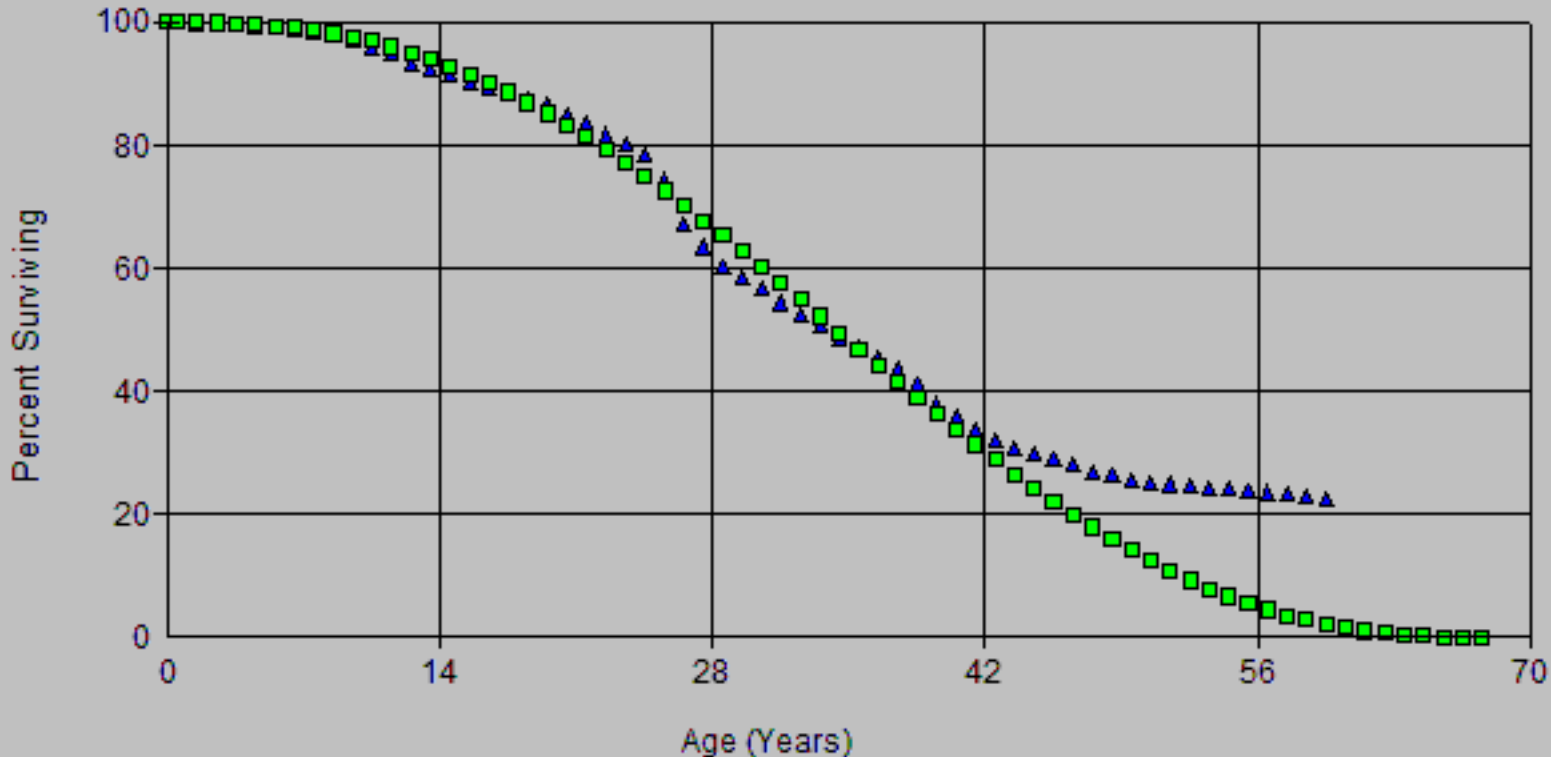


Account: G381.00 Meters & Regulators
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APB
Depreciation

▲ Actual Data

■ S134.00

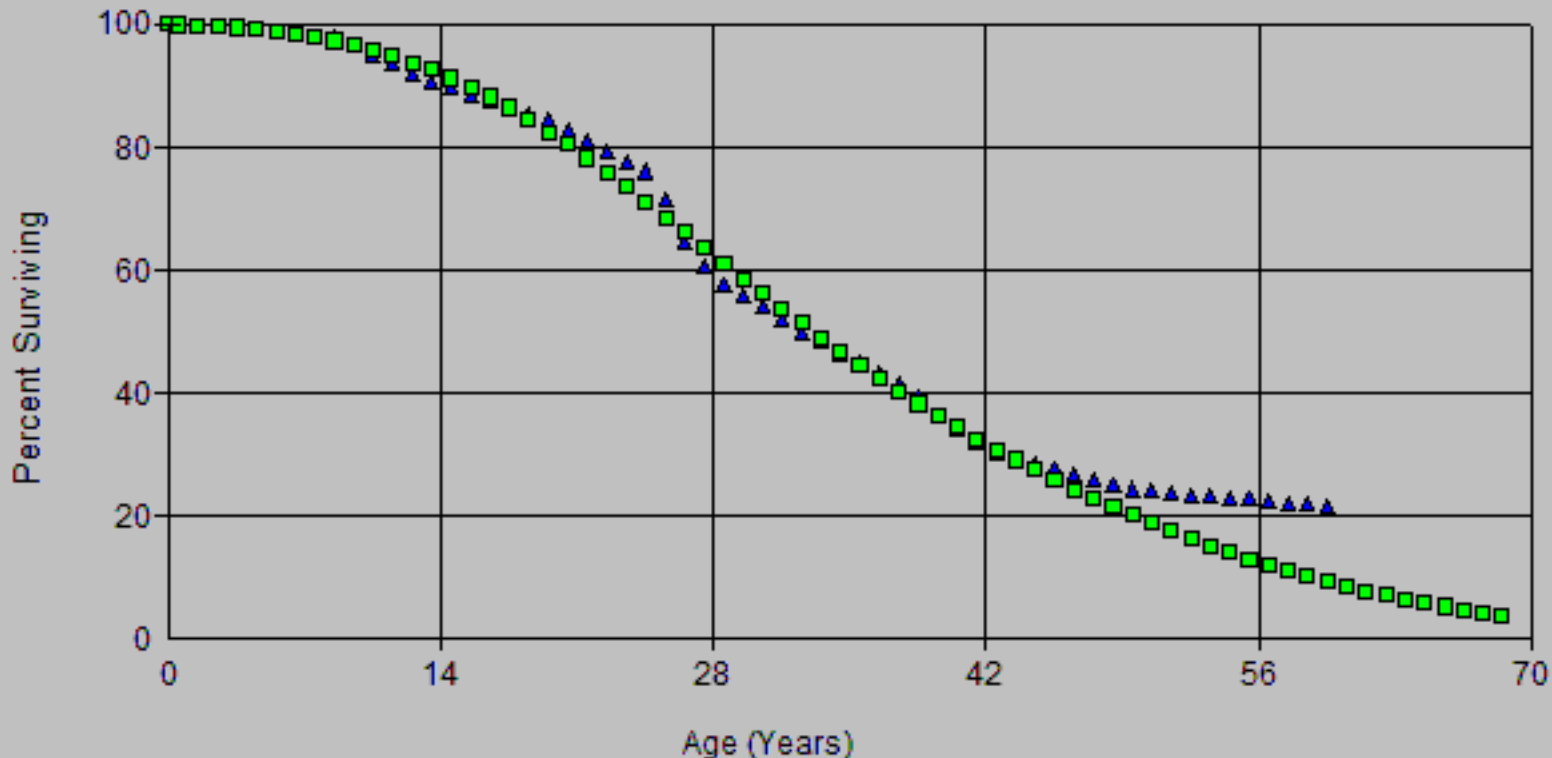


Account: G381.00 Meters & Regulators
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APB
Depreciation

▲ Actual Data

■ L1.5 35.00

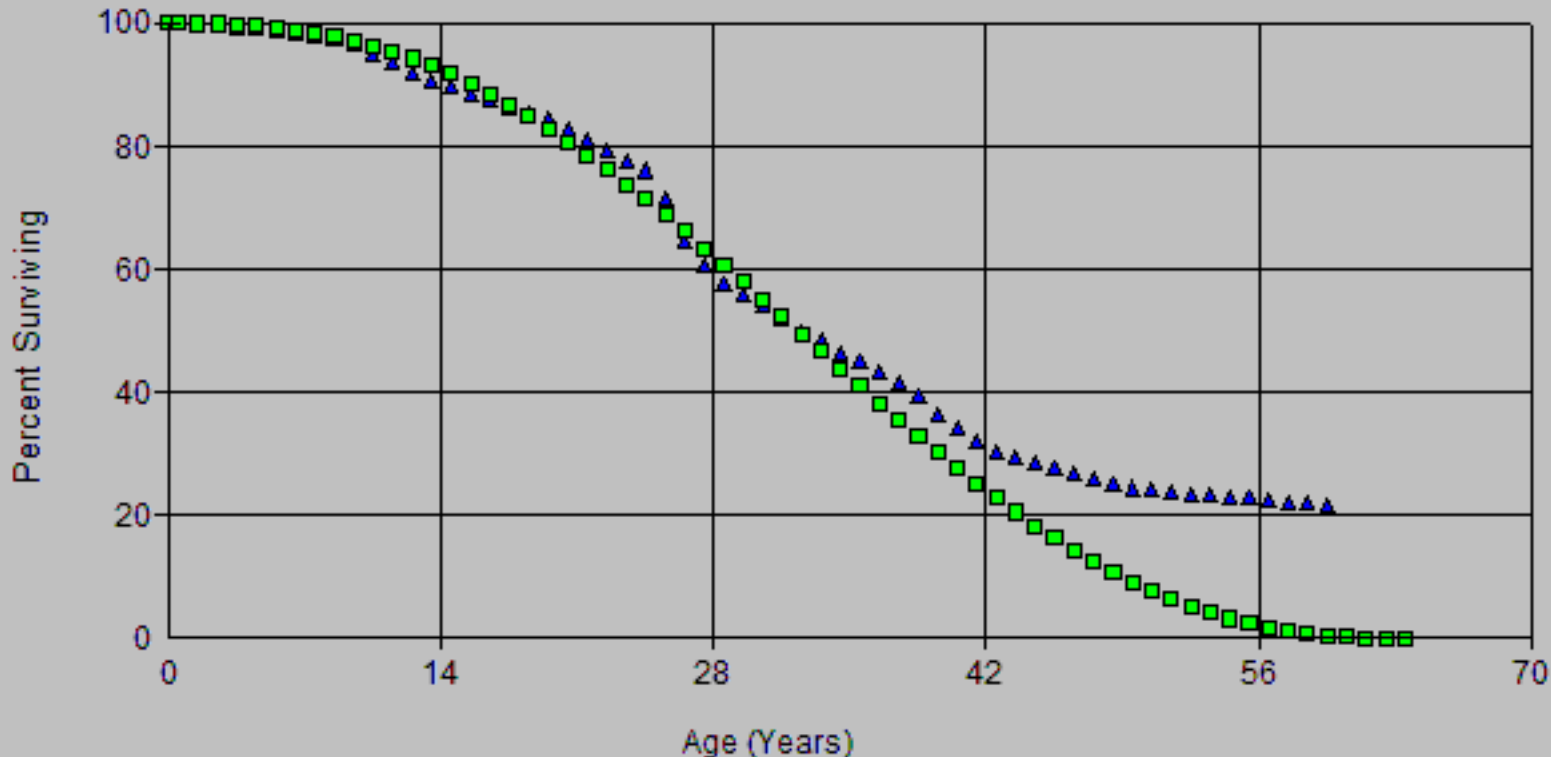


Account: G381.00 Meters & Regulators
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD - APB
Depreciation

▲ Actual Data

■ S132.00

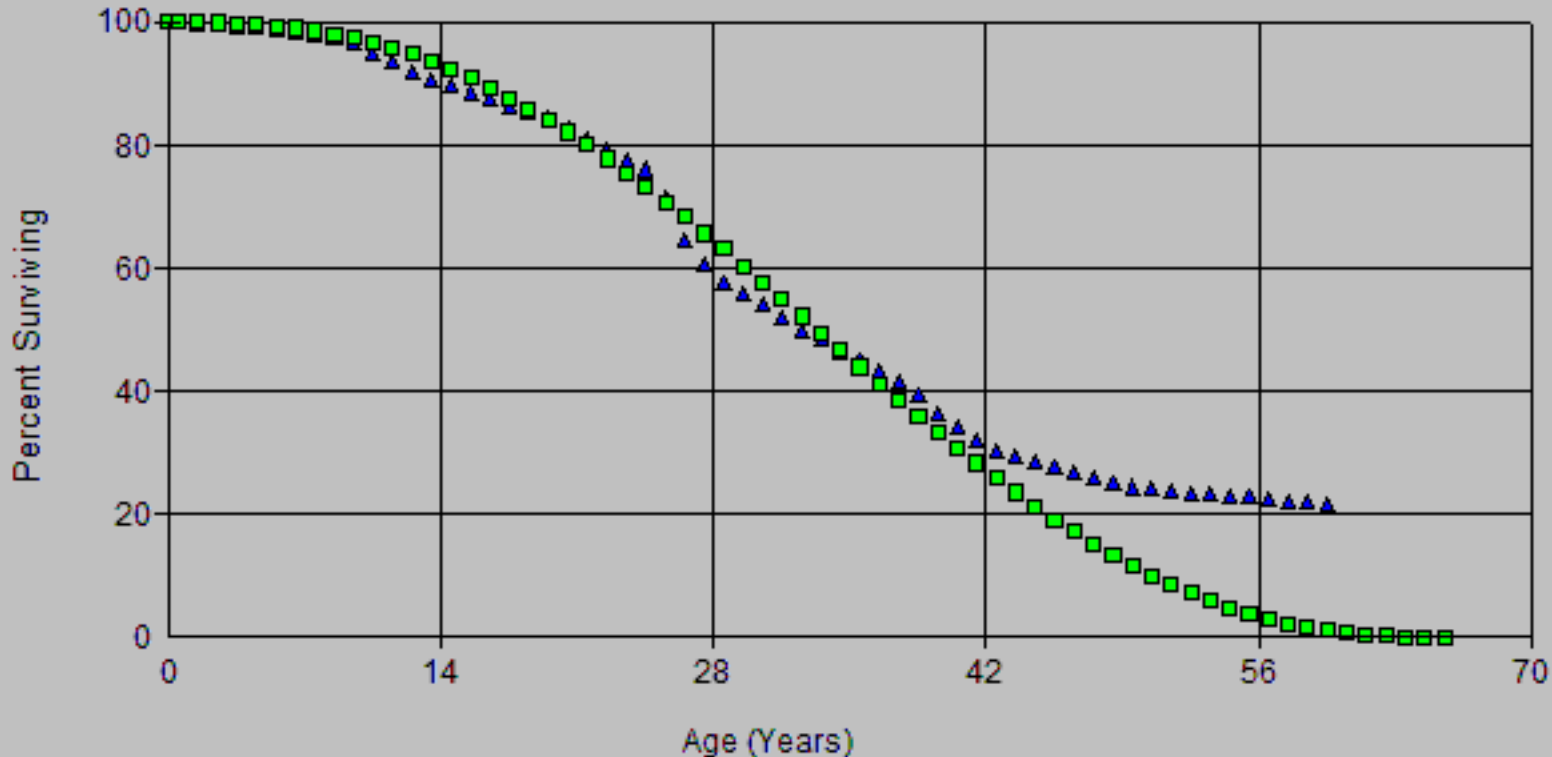


Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APB
 Depreciation

▲ Actual Data

■ S133.00

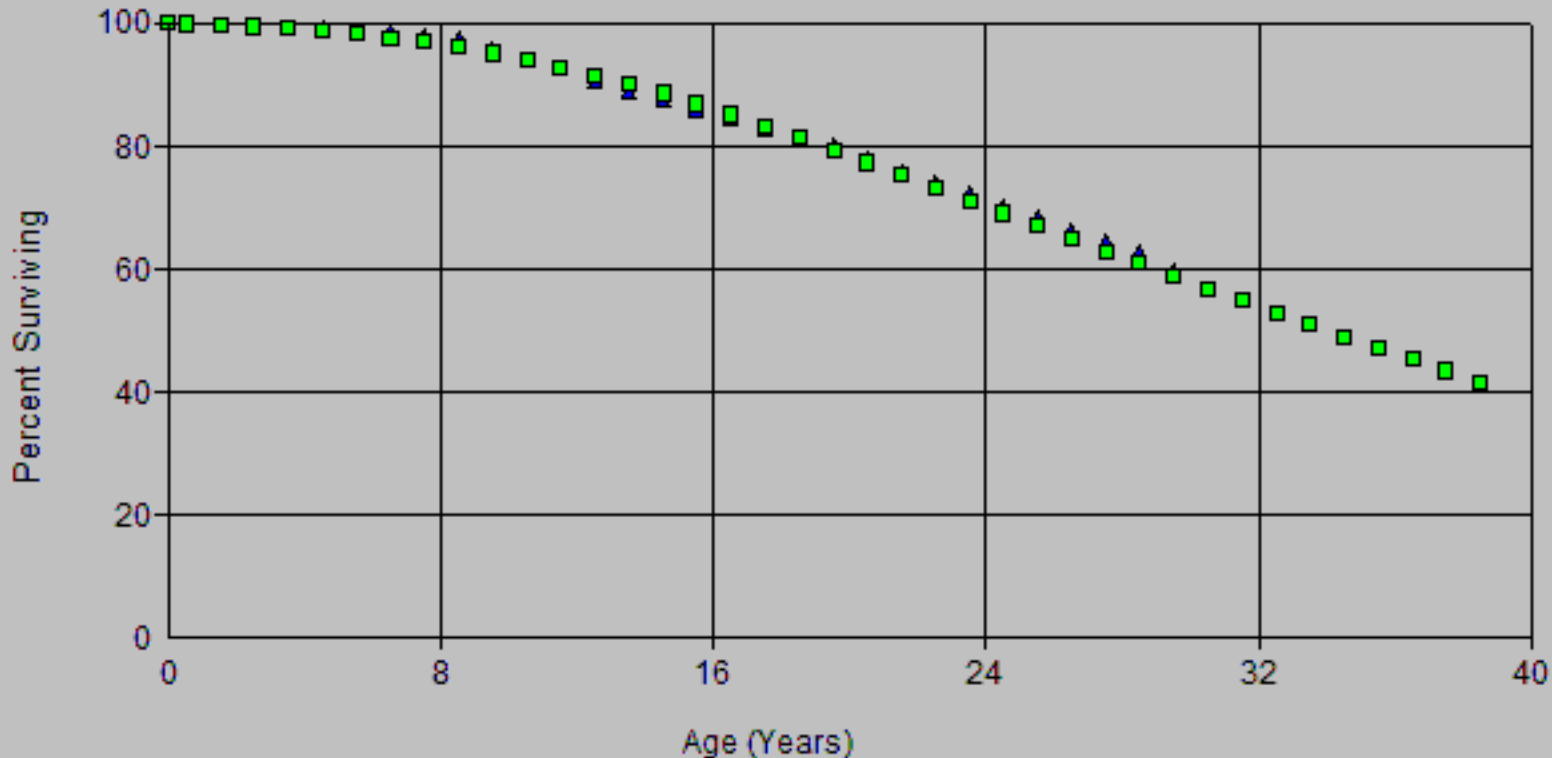


Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APB
 Depreciation

▲ Actual Data

■ L1 36.00

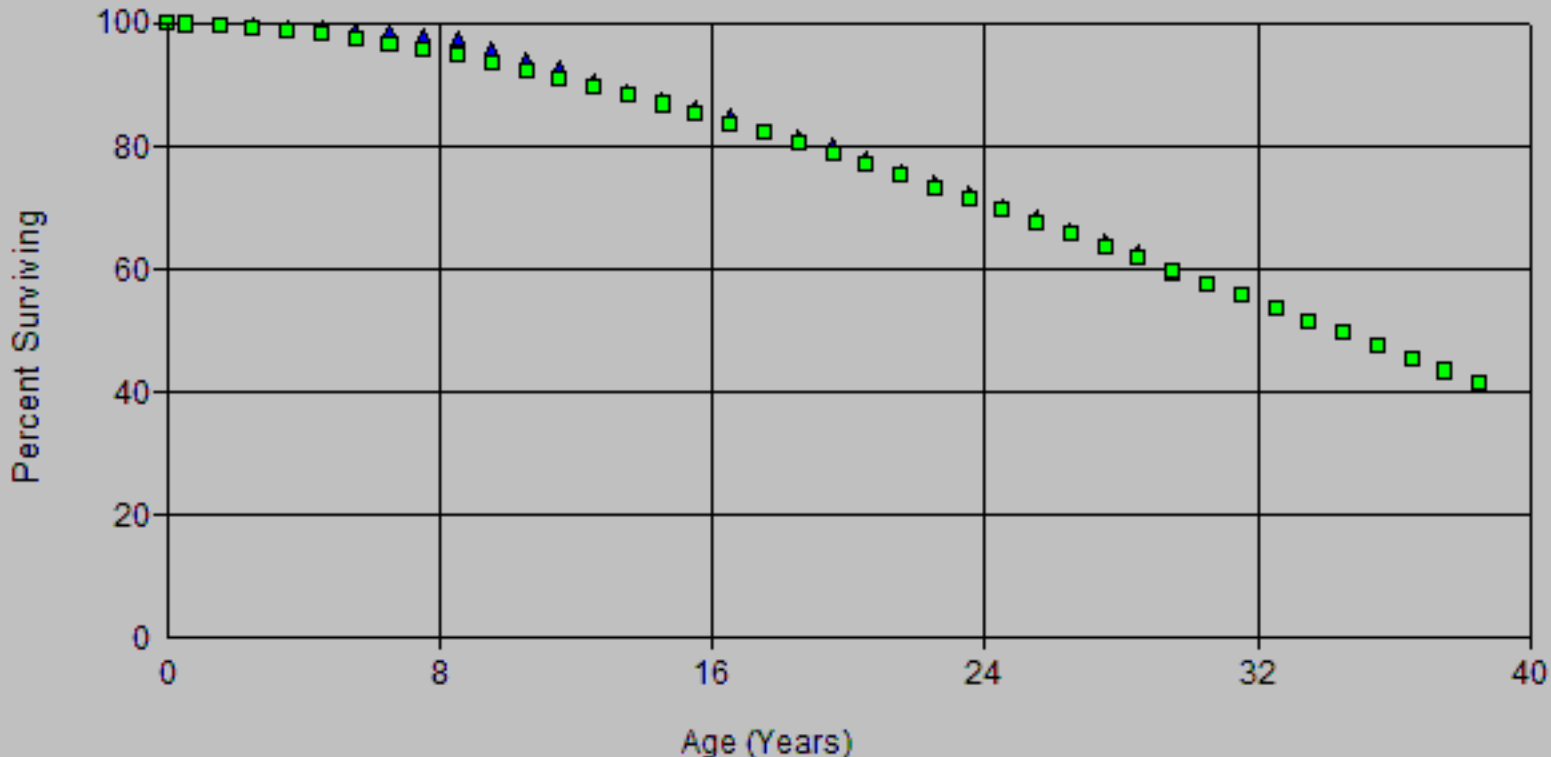


Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APB
 Depreciation

▲ Actual Data

■ S0 34.00



Account: G381.00 Meters & Regulators
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APB
 Depreciation

▲ Actual Data

■ S0.5 33.00



Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1916 - 2020

Observation Band: 1948 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	122,069,717.35	7,743.00	0.00006	0.99994	100.00
0.5	117,873,059.27	98,812.30	0.00084	0.99916	99.99
1.5	115,219,656.25	148,109.23	0.00129	0.99871	99.91
2.5	113,403,208.55	176,974.45	0.00156	0.99844	99.78
3.5	111,729,081.01	189,236.91	0.00169	0.99831	99.63
4.5	109,335,579.59	200,470.16	0.00183	0.99817	99.46
5.5	106,495,301.60	324,014.47	0.00304	0.99696	99.28
6.5	102,389,651.21	311,096.83	0.00304	0.99696	98.97
7.5	99,624,349.24	355,535.84	0.00357	0.99643	98.67
8.5	96,409,936.47	891,194.32	0.00924	0.99076	98.32
9.5	93,869,098.32	1,163,027.66	0.01239	0.98761	97.41
10.5	91,112,538.94	943,529.88	0.01036	0.98964	96.21
11.5	85,953,882.98	1,203,708.81	0.01400	0.98600	95.21
12.5	81,997,734.05	972,172.68	0.01186	0.98814	93.88
13.5	77,049,079.91	660,816.52	0.00858	0.99142	92.76
14.5	71,460,874.88	696,937.14	0.00975	0.99025	91.97
15.5	67,436,934.10	563,312.70	0.00835	0.99165	91.07
16.5	64,488,207.61	811,675.41	0.01259	0.98741	90.31
17.5	60,940,834.67	473,529.67	0.00777	0.99223	89.17
18.5	58,510,336.58	575,577.13	0.00984	0.99016	88.48
19.5	55,874,779.10	825,642.27	0.01478	0.98522	87.61
20.5	53,081,371.10	886,249.17	0.01670	0.98330	86.31
21.5	50,388,790.61	936,968.29	0.01859	0.98141	84.87
22.5	47,975,206.54	775,303.82	0.01616	0.98384	83.29
23.5	45,757,449.87	769,381.86	0.01681	0.98319	81.95
24.5	43,797,155.17	2,046,766.28	0.04673	0.95327	80.57
25.5	40,435,286.87	3,162,152.83	0.07820	0.92180	76.81
26.5	35,875,551.62	1,855,130.29	0.05171	0.94829	70.80
27.5	32,784,426.40	1,512,331.18	0.04613	0.95387	67.14
28.5	30,181,353.60	762,606.06	0.02527	0.97473	64.04
29.5	27,785,656.00	776,994.07	0.02796	0.97204	62.42
30.5	25,875,794.82	855,310.22	0.03305	0.96695	60.68
31.5	23,434,794.87	668,997.81	0.02855	0.97145	58.67
32.5	21,525,131.50	546,935.54	0.02541	0.97459	57.00
33.5	20,022,188.62	645,679.28	0.03225	0.96775	55.55
34.5	17,788,405.05	384,094.58	0.02159	0.97841	53.76
35.5	16,959,465.05	445,621.35	0.02628	0.97372	52.60
36.5	16,037,762.74	426,242.45	0.02658	0.97342	51.22
37.5	15,591,648.11	537,921.35	0.03450	0.96550	49.86
38.5	14,534,621.19	694,607.33	0.04779	0.95221	48.14
39.5	13,437,285.00	414,530.06	0.03085	0.96915	45.84
40.5	11,367,179.42	366,919.53	0.03228	0.96772	44.42
41.5	10,126,579.36	248,762.59	0.02457	0.97543	42.99
42.5	9,864,236.94	167,929.46	0.01702	0.98298	41.93
43.5	9,335,963.23	143,599.72	0.01538	0.98462	41.22
44.5	9,122,112.25	159,890.90	0.01753	0.98247	40.58
45.5	8,087,081.80	233,800.16	0.02891	0.97109	39.87
46.5	7,838,626.87	244,856.95	0.03124	0.96876	38.72
47.5	7,593,769.92	261,740.20	0.03447	0.96553	37.51
48.5	7,115,550.73	259,749.32	0.03650	0.96350	36.22
49.5	6,652,310.09	243,435.49	0.03659	0.96341	34.89
50.5	6,408,874.60	221,349.84	0.03454	0.96546	33.62
51.5	6,187,524.76	203,593.98	0.03290	0.96710	32.46
52.5	5,799,762.60	176,659.55	0.03046	0.96954	31.39

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1916 - 2020

Observation Band: 1948 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	5,489,196.09	169,812.43	0.03094	0.96906	30.43
54.5	5,056,181.31	192,821.14	0.03814	0.96186	29.49
55.5	4,633,184.22	222,187.44	0.04796	0.95204	28.37
56.5	4,220,980.29	210,554.21	0.04988	0.95012	27.01
57.5	3,858,523.32	179,233.09	0.04645	0.95355	25.66
58.5	3,538,637.53	154,489.36	0.04366	0.95634	24.47
59.5	3,203,774.57	118,218.18	0.03690	0.96310	23.40
60.5	2,715,332.58	96,006.22	0.03536	0.96464	22.54
61.5	2,261,862.61	84,268.26	0.03726	0.96274	21.74
62.5	2,057,636.05	63,822.73	0.03102	0.96898	20.93
63.5	1,837,072.22	118,300.29	0.06440	0.93560	20.28
64.5	1,590,920.26	56,964.97	0.03581	0.96419	18.97
65.5	1,421,828.22	45,595.60	0.03207	0.96793	18.29
66.5	1,275,030.93	36,334.67	0.02850	0.97150	17.71
67.5	1,131,191.47	31,282.40	0.02765	0.97235	17.20
68.5	1,008,109.49	35,351.05	0.03507	0.96493	16.73
69.5	848,908.70	29,111.02	0.03429	0.96571	16.14
70.5	757,360.88	27,925.10	0.03687	0.96313	15.59
71.5	651,722.58	22,152.64	0.03399	0.96601	15.01
72.5	572,299.25	18,161.32	0.03173	0.96827	14.50
73.5	501,022.01	14,167.04	0.02828	0.97172	14.04
74.5	461,897.52	11,509.18	0.02492	0.97508	13.64
75.5	439,583.31	8,816.78	0.02006	0.97994	13.30
76.5	414,680.56	10,173.49	0.02453	0.97547	13.04
77.5	367,023.45	15,084.04	0.04110	0.95890	12.72
78.5	348,434.70	20,334.09	0.05836	0.94164	12.19
79.5	276,742.07	38,013.85	0.13736	0.86264	11.48
80.5	219,503.88	89,127.72	0.40604	0.59396	9.91
81.5	104,525.82	47,114.65	0.45075	0.54925	5.88
82.5	57,411.17	900.96	0.01569	0.98431	3.23
83.5	37,070.73	545.98	0.01473	0.98527	3.18
84.5	15,670.09	268.02	0.01710	0.98290	3.13
85.5	0.00	0.00	0.00000	1.00000	3.08

Scenario: SDGE Actuarial @ 2020
 Account: G381.00-Meters & Regulators
 Placement Band: 1916 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	116,456,511.44	7,743.00	0.00007	0.99993	100.00
0.5	112,887,939.97	92,482.30	0.00082	0.99918	99.99
1.5	111,068,655.24	148,087.23	0.00133	0.99867	99.91
2.5	109,795,624.12	176,974.45	0.00161	0.99839	99.78
3.5	108,577,588.28	189,236.91	0.00174	0.99826	99.62
4.5	106,460,200.39	200,470.16	0.00188	0.99812	99.44
5.5	103,851,851.91	324,014.47	0.00312	0.99688	99.26
6.5	99,914,898.52	311,096.83	0.00311	0.99689	98.95
7.5	97,470,973.04	355,521.84	0.00365	0.99635	98.64
8.5	94,553,878.14	891,194.32	0.00943	0.99057	98.28
9.5	92,487,482.49	1,163,027.66	0.01257	0.98743	97.35
10.5	89,920,903.46	943,529.88	0.01049	0.98951	96.13
11.5	84,907,403.16	1,203,708.81	0.01418	0.98582	95.12
12.5	81,123,046.78	972,172.68	0.01198	0.98802	93.77
13.5	76,314,209.84	660,807.52	0.00866	0.99134	92.65
14.5	70,769,162.72	696,923.14	0.00985	0.99015	91.85
15.5	66,752,247.09	561,824.70	0.00842	0.99158	90.94
16.5	63,821,904.99	811,662.41	0.01272	0.98728	90.18
17.5	60,296,421.86	470,231.67	0.00780	0.99220	89.03
18.5	57,898,499.88	573,132.13	0.00990	0.99010	88.33
19.5	55,357,806.58	823,975.27	0.01488	0.98512	87.46
20.5	52,558,616.67	881,174.17	0.01677	0.98323	86.16
21.5	49,836,881.85	936,968.29	0.01880	0.98120	84.71
22.5	47,389,825.69	775,301.82	0.01636	0.98364	83.12
23.5	45,181,393.53	769,381.86	0.01703	0.98297	81.76
24.5	43,214,106.30	2,046,088.28	0.04735	0.95265	80.37
25.5	39,853,891.33	3,161,533.83	0.07933	0.92067	76.56
26.5	35,280,734.08	1,854,624.29	0.05257	0.94743	70.49
27.5	32,215,934.30	1,507,837.18	0.04680	0.95320	66.78
28.5	29,640,239.71	761,733.06	0.02570	0.97430	63.66
29.5	27,266,225.53	768,990.07	0.02820	0.97180	62.02
30.5	25,403,786.05	836,527.22	0.03293	0.96707	60.27
31.5	23,029,709.17	648,330.81	0.02815	0.97185	58.29
32.5	21,186,781.19	542,731.54	0.02562	0.97438	56.65
33.5	19,742,121.06	645,278.28	0.03269	0.96731	55.20
34.5	17,575,367.05	383,865.58	0.02184	0.97816	53.39
35.5	16,802,394.05	445,621.35	0.02652	0.97348	52.23
36.5	15,921,420.74	424,046.45	0.02663	0.97337	50.84
37.5	15,534,084.11	535,725.35	0.03449	0.96551	49.49
38.5	14,518,130.19	694,607.33	0.04784	0.95216	47.78
39.5	13,432,618.00	414,530.06	0.03086	0.96914	45.49
40.5	11,363,147.42	366,919.53	0.03229	0.96771	44.09
41.5	10,122,759.36	248,762.59	0.02457	0.97543	42.67
42.5	9,861,480.94	167,929.46	0.01703	0.98297	41.62
43.5	9,335,393.23	143,599.72	0.01538	0.98462	40.91
44.5	9,122,112.25	159,890.90	0.01753	0.98247	40.28
45.5	8,087,081.80	233,800.16	0.02891	0.97109	39.57
46.5	7,838,626.87	244,856.95	0.03124	0.96876	38.43
47.5	7,593,769.92	261,740.20	0.03447	0.96553	37.23
48.5	7,115,550.73	259,749.32	0.03650	0.96350	35.95
49.5	6,652,310.09	243,435.49	0.03659	0.96341	34.63
50.5	6,408,874.60	221,349.84	0.03454	0.96546	33.37
51.5	6,187,524.76	203,593.98	0.03290	0.96710	32.22
52.5	5,799,762.60	176,659.55	0.03046	0.96954	31.16

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1916 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	5,489,196.09	169,812.43	0.03094	0.96906	30.21
54.5	5,056,181.31	192,821.14	0.03814	0.96186	29.27
55.5	4,633,184.22	222,187.44	0.04796	0.95204	28.16
56.5	4,220,980.29	210,554.21	0.04988	0.95012	26.81
57.5	3,858,523.32	179,233.09	0.04645	0.95355	25.47
58.5	3,538,637.53	154,489.36	0.04366	0.95634	24.29
59.5	3,203,774.57	118,218.18	0.03690	0.96310	23.23
60.5	2,715,332.58	96,006.22	0.03536	0.96464	22.37
61.5	2,261,862.61	84,268.26	0.03726	0.96274	21.58
62.5	2,057,636.05	63,822.73	0.03102	0.96898	20.77
63.5	1,837,072.22	118,300.29	0.06440	0.93560	20.13
64.5	1,590,920.26	56,964.97	0.03581	0.96419	18.83
65.5	1,421,828.22	45,595.60	0.03207	0.96793	18.16
66.5	1,275,030.93	36,334.67	0.02850	0.97150	17.58
67.5	1,131,191.47	31,282.40	0.02765	0.97235	17.08
68.5	1,008,109.49	35,351.05	0.03507	0.96493	16.60
69.5	848,908.70	29,111.02	0.03429	0.96571	16.02
70.5	757,360.88	27,925.10	0.03687	0.96313	15.47
71.5	651,722.58	22,152.64	0.03399	0.96601	14.90
72.5	572,299.25	18,161.32	0.03173	0.96827	14.40
73.5	501,022.01	14,167.04	0.02828	0.97172	13.94
74.5	461,897.52	11,509.18	0.02492	0.97508	13.55
75.5	439,583.31	8,816.78	0.02006	0.97994	13.21
76.5	414,680.56	10,173.49	0.02453	0.97547	12.94
77.5	367,023.45	15,084.04	0.04110	0.95890	12.63
78.5	348,434.70	20,334.09	0.05836	0.94164	12.11
79.5	276,742.07	38,013.85	0.13736	0.86264	11.40
80.5	219,503.88	89,127.72	0.40604	0.59396	9.83
81.5	104,525.82	47,114.65	0.45075	0.54925	5.84
82.5	57,411.17	900.96	0.01569	0.98431	3.21
83.5	37,070.73	545.98	0.01473	0.98527	3.16
84.5	15,670.09	268.02	0.01710	0.98290	3.11
85.5	0.00	0.00	0.00000	1.00000	3.06

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1916 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	82,823,878.96	7,743.00	0.00009	0.99991	100.00
0.5	80,173,723.04	91,163.30	0.00114	0.99886	99.99
1.5	79,682,927.31	145,949.23	0.00183	0.99817	99.88
2.5	79,919,822.83	167,029.45	0.00209	0.99791	99.69
3.5	80,892,808.49	188,038.91	0.00232	0.99768	99.49
4.5	81,321,290.37	199,127.16	0.00245	0.99755	99.26
5.5	79,891,090.25	313,584.47	0.00393	0.99607	99.01
6.5	77,614,015.79	306,454.83	0.00395	0.99605	98.62
7.5	75,367,521.85	353,087.84	0.00468	0.99532	98.23
8.5	73,246,323.84	890,297.32	0.01215	0.98785	97.77
9.5	71,443,236.51	1,162,379.66	0.01627	0.98373	96.59
10.5	70,936,444.01	941,460.88	0.01327	0.98673	95.01
11.5	67,180,145.13	1,187,713.81	0.01768	0.98232	93.75
12.5	63,852,945.32	968,121.68	0.01516	0.98484	92.10
13.5	60,065,151.24	636,405.52	0.01060	0.98940	90.70
14.5	55,035,610.81	639,118.14	0.01161	0.98839	89.74
15.5	52,414,426.72	516,533.70	0.00985	0.99015	88.70
16.5	49,826,062.80	805,270.41	0.01616	0.98384	87.82
17.5	47,067,878.83	440,402.67	0.00936	0.99064	86.40
18.5	45,542,491.37	563,598.13	0.01238	0.98762	85.59
19.5	43,771,408.39	800,607.27	0.01829	0.98171	84.53
20.5	41,529,884.12	858,350.17	0.02067	0.97933	82.99
21.5	39,450,255.50	923,340.29	0.02341	0.97659	81.27
22.5	37,976,674.36	763,635.82	0.02011	0.97989	79.37
23.5	36,250,718.31	760,283.86	0.02097	0.97903	77.77
24.5	34,781,578.70	2,036,541.28	0.05855	0.94145	76.14
25.5	31,888,749.45	3,130,719.83	0.09818	0.90182	71.69
26.5	27,799,227.11	1,653,328.29	0.05947	0.94053	64.65
27.5	25,261,497.17	1,325,612.18	0.05248	0.94752	60.80
28.5	23,196,185.96	634,597.06	0.02736	0.97264	57.61
29.5	21,319,112.28	696,495.07	0.03267	0.96733	56.04
30.5	20,201,279.91	792,250.22	0.03922	0.96078	54.20
31.5	18,556,159.60	639,030.81	0.03444	0.96556	52.08
32.5	17,114,138.17	522,596.54	0.03054	0.96946	50.28
33.5	16,063,061.80	628,333.28	0.03912	0.96088	48.75
34.5	14,107,219.27	371,512.58	0.02633	0.97367	46.84
35.5	13,525,950.96	415,910.35	0.03075	0.96925	45.61
36.5	12,890,075.22	411,162.45	0.03190	0.96810	44.21
37.5	12,807,451.92	530,871.35	0.04145	0.95855	42.80
38.5	12,076,311.10	691,941.33	0.05730	0.94270	41.02
39.5	11,470,960.32	411,390.06	0.03586	0.96414	38.67
40.5	9,647,705.60	365,567.53	0.03789	0.96211	37.28
41.5	8,605,130.67	245,324.59	0.02851	0.97149	35.87
42.5	8,540,180.13	165,559.46	0.01939	0.98061	34.85
43.5	8,134,962.62	142,198.72	0.01748	0.98252	34.17
44.5	7,981,728.99	151,460.90	0.01898	0.98102	33.58
45.5	6,983,722.90	166,267.16	0.02381	0.97619	32.94
46.5	6,846,937.78	195,997.95	0.02863	0.97137	32.15
47.5	6,712,774.34	234,895.20	0.03499	0.96501	31.23
48.5	6,336,970.33	248,667.32	0.03924	0.96076	30.14
49.5	6,024,898.26	238,942.49	0.03966	0.96034	28.96
50.5	5,843,515.61	217,758.84	0.03727	0.96273	27.81
51.5	5,668,495.00	194,976.98	0.03440	0.96560	26.77
52.5	5,315,135.75	171,790.55	0.03232	0.96788	25.85

SDG&E
2024 GRC - APP
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Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1916 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	5,060,474.75	168,083.43	0.03321	0.96679	25.02
54.5	4,675,113.44	190,470.14	0.04074	0.95926	24.19
55.5	4,287,486.68	220,880.44	0.05152	0.94848	23.20
56.5	3,876,589.75	206,564.21	0.05329	0.94671	22.01
57.5	3,540,605.22	177,893.09	0.05024	0.94976	20.83
58.5	3,239,924.64	150,825.36	0.04655	0.95345	19.79
59.5	2,927,782.10	117,447.18	0.04011	0.95989	18.86
60.5	2,472,502.81	89,894.22	0.03636	0.96364	18.11
61.5	2,060,129.91	71,463.26	0.03469	0.96531	17.45
62.5	1,899,272.74	61,641.73	0.03246	0.96754	16.84
63.5	1,732,057.66	53,494.29	0.03088	0.96912	16.30
64.5	1,581,881.26	49,581.97	0.03134	0.96866	15.79
65.5	1,420,184.22	45,595.60	0.03211	0.96789	15.30
66.5	1,273,386.93	36,279.67	0.02849	0.97151	14.81
67.5	1,129,602.47	31,077.40	0.02751	0.97249	14.39
68.5	1,006,725.49	34,759.05	0.03453	0.96547	13.99
69.5	848,116.70	28,319.02	0.03339	0.96661	13.51
70.5	757,360.88	27,925.10	0.03687	0.96313	13.06
71.5	651,722.58	22,152.64	0.03399	0.96601	12.58
72.5	572,299.25	18,161.32	0.03173	0.96827	12.15
73.5	501,022.01	14,167.04	0.02828	0.97172	11.76
74.5	461,897.52	11,509.18	0.02492	0.97508	11.43
75.5	439,583.31	8,816.78	0.02006	0.97994	11.15
76.5	414,680.56	10,173.49	0.02453	0.97547	10.92
77.5	367,023.45	15,084.04	0.04110	0.95890	10.65
78.5	348,434.70	20,334.09	0.05836	0.94164	10.22
79.5	276,742.07	38,013.85	0.13736	0.86264	9.62
80.5	219,503.88	89,127.72	0.40604	0.59396	8.30
81.5	104,525.82	47,114.65	0.45075	0.54925	4.93
82.5	57,411.17	900.96	0.01569	0.98431	2.71
83.5	37,070.73	545.98	0.01473	0.98527	2.67
84.5	15,670.09	268.02	0.01710	0.98290	2.63
85.5	0.00	0.00	0.00000	1.00000	2.58

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	116,456,511.44	7,743.00	0.00007	0.99993	100.00
0.5	112,118,022.16	92,482.30	0.00082	0.99918	99.99
1.5	109,401,345.79	148,087.23	0.00135	0.99865	99.91
2.5	107,554,812.73	176,974.45	0.00165	0.99835	99.78
3.5	105,833,452.38	189,236.91	0.00179	0.99821	99.61
4.5	103,376,470.45	200,444.16	0.00194	0.99806	99.43
5.5	100,457,142.28	323,990.47	0.00323	0.99677	99.24
6.5	96,207,754.32	311,096.83	0.00323	0.99677	98.92
7.5	93,383,616.51	355,521.84	0.00381	0.99619	98.60
8.5	90,124,727.51	891,194.32	0.00989	0.99011	98.22
9.5	87,548,610.45	1,163,027.66	0.01328	0.98672	97.25
10.5	84,729,181.56	943,448.88	0.01113	0.98887	95.96
11.5	79,512,348.13	1,203,708.81	0.01514	0.98486	94.89
12.5	75,516,323.87	972,172.68	0.01287	0.98713	93.46
13.5	70,565,655.73	660,789.52	0.00936	0.99064	92.25
14.5	64,951,023.26	694,691.14	0.01070	0.98930	91.39
15.5	60,906,232.27	560,225.70	0.00920	0.99080	90.41
16.5	57,931,733.36	809,650.41	0.01398	0.98602	89.58
17.5	54,344,781.72	443,839.67	0.00817	0.99183	88.33
18.5	51,895,076.56	569,886.13	0.01098	0.98902	87.61
19.5	49,217,128.69	819,341.27	0.01665	0.98335	86.64
20.5	46,364,930.94	872,457.17	0.01882	0.98118	85.20
21.5	43,608,214.89	935,093.29	0.02144	0.97856	83.60
22.5	41,128,935.82	769,964.82	0.01872	0.98128	81.81
23.5	38,864,921.15	763,657.86	0.01965	0.98035	80.27
24.5	36,848,196.45	2,039,556.28	0.05535	0.94465	78.70
25.5	33,454,649.15	3,132,691.83	0.09364	0.90636	74.34
26.5	28,908,319.90	1,655,182.29	0.05726	0.94274	67.38
27.5	26,016,507.68	1,327,437.18	0.05102	0.94898	63.52
28.5	23,598,116.88	637,864.06	0.02703	0.97297	60.28
29.5	21,319,112.28	696,495.07	0.03267	0.96733	58.65
30.5	19,487,564.10	790,424.22	0.04056	0.95944	56.74
31.5	17,110,880.15	635,077.81	0.03712	0.96288	54.44
32.5	15,235,136.78	490,978.54	0.03223	0.96777	52.41
33.5	13,788,150.90	618,004.28	0.04482	0.95518	50.73
34.5	11,582,042.33	330,881.58	0.02857	0.97143	48.45
35.5	10,806,315.33	385,506.35	0.03567	0.96433	47.07
36.5	9,944,728.02	402,634.45	0.04049	0.95951	45.39
37.5	9,522,221.39	513,319.35	0.05391	0.94609	43.55
38.5	8,489,796.47	675,338.90	0.07955	0.92045	41.20
39.5	7,411,728.71	392,543.91	0.05296	0.94704	37.92
40.5	5,363,609.28	337,567.13	0.06294	0.93706	35.92
41.5	4,152,361.62	216,297.38	0.05209	0.94791	33.66
42.5	3,922,484.41	128,418.83	0.03274	0.96726	31.90
43.5	3,433,721.33	92,978.80	0.02708	0.97292	30.86
44.5	3,270,491.27	94,154.31	0.02879	0.97121	30.02
45.5	2,301,197.41	89,827.93	0.03904	0.96096	29.16
46.5	2,196,714.71	77,780.51	0.03541	0.96459	28.02
47.5	2,118,934.20	62,108.05	0.02931	0.97069	27.03
48.5	1,840,347.16	40,638.30	0.02208	0.97792	26.24
49.5	1,596,217.54	27,119.95	0.01699	0.98301	25.66
50.5	1,569,097.59	20,037.45	0.01277	0.98723	25.22
51.5	1,549,060.14	19,213.73	0.01240	0.98760	24.90
52.5	1,345,678.23	12,758.76	0.00948	0.99052	24.59

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,199,012.51	10,982.60	0.00916	0.99084	24.36
54.5	924,827.56	9,603.32	0.01038	0.98962	24.13
55.5	685,048.29	7,856.55	0.01147	0.98853	23.88
56.5	487,175.25	5,821.37	0.01195	0.98805	23.61
57.5	329,451.12	4,550.38	0.01381	0.98619	23.33
58.5	184,248.04	3,874.44	0.02103	0.97897	23.01
59.5	0.00	0.00	0.00000	0.00000	22.52

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	82,823,878.96	7,743.00	0.00009	0.99991	100.00
0.5	80,173,723.04	91,163.30	0.00114	0.99886	99.99
1.5	79,682,927.31	145,949.23	0.00183	0.99817	99.88
2.5	79,919,822.83	167,029.45	0.00209	0.99791	99.69
3.5	80,892,808.49	188,038.91	0.00232	0.99768	99.49
4.5	81,321,290.37	199,127.16	0.00245	0.99755	99.26
5.5	79,891,090.25	313,584.47	0.00393	0.99607	99.01
6.5	77,614,015.79	306,454.83	0.00395	0.99605	98.62
7.5	75,367,521.85	353,087.84	0.00468	0.99532	98.23
8.5	73,246,323.84	890,297.32	0.01215	0.98785	97.77
9.5	71,443,236.51	1,162,379.66	0.01627	0.98373	96.59
10.5	70,936,444.01	941,460.88	0.01327	0.98673	95.01
11.5	67,180,145.13	1,187,713.81	0.01768	0.98232	93.75
12.5	63,852,945.32	968,121.68	0.01516	0.98484	92.10
13.5	60,065,151.24	636,405.52	0.01060	0.98940	90.70
14.5	55,035,610.81	639,118.14	0.01161	0.98839	89.74
15.5	52,414,426.72	516,533.70	0.00985	0.99015	88.70
16.5	49,826,062.80	805,270.41	0.01616	0.98384	87.82
17.5	47,067,878.83	440,402.67	0.00936	0.99064	86.40
18.5	45,542,491.37	563,598.13	0.01238	0.98762	85.59
19.5	43,771,408.39	800,607.27	0.01829	0.98171	84.53
20.5	41,529,884.12	858,350.17	0.02067	0.97933	82.99
21.5	39,450,255.50	923,340.29	0.02341	0.97659	81.27
22.5	37,976,674.36	763,635.82	0.02011	0.97989	79.37
23.5	36,250,718.31	760,283.86	0.02097	0.97903	77.77
24.5	34,781,578.70	2,036,541.28	0.05855	0.94145	76.14
25.5	31,888,749.45	3,130,719.83	0.09818	0.90182	71.69
26.5	27,799,227.11	1,653,328.29	0.05947	0.94053	64.65
27.5	25,261,497.17	1,325,612.18	0.05248	0.94752	60.80
28.5	23,196,185.96	634,597.06	0.02736	0.97264	57.61
29.5	21,319,112.28	696,495.07	0.03267	0.96733	56.04
30.5	19,487,564.10	790,424.22	0.04056	0.95944	54.20
31.5	17,110,880.15	635,077.81	0.03712	0.96288	52.01
32.5	15,235,136.78	490,978.54	0.03223	0.96777	50.08
33.5	13,788,150.90	618,004.28	0.04482	0.95518	48.46
34.5	11,582,042.33	330,881.58	0.02857	0.97143	46.29
35.5	10,806,315.33	385,506.35	0.03567	0.96433	44.97
36.5	9,944,728.02	402,634.45	0.04049	0.95951	43.36
37.5	9,522,221.39	513,319.35	0.05391	0.94609	41.61
38.5	8,489,796.47	675,338.90	0.07955	0.92045	39.36
39.5	7,411,728.71	392,543.91	0.05296	0.94704	36.23
40.5	5,363,609.28	337,567.13	0.06294	0.93706	34.31
41.5	4,152,361.62	216,297.38	0.05209	0.94791	32.15
42.5	3,922,484.41	128,418.83	0.03274	0.96726	30.48
43.5	3,433,721.33	92,978.80	0.02708	0.97292	29.48
44.5	3,270,491.27	94,154.31	0.02879	0.97121	28.68
45.5	2,301,197.41	89,827.93	0.03904	0.96096	27.86
46.5	2,196,714.71	77,780.51	0.03541	0.96459	26.77
47.5	2,118,934.20	62,108.05	0.02931	0.97069	25.82
48.5	1,840,347.16	40,638.30	0.02208	0.97792	25.06
49.5	1,596,217.54	27,119.95	0.01699	0.98301	24.51
50.5	1,569,097.59	20,037.45	0.01277	0.98723	24.10
51.5	1,549,060.14	19,213.73	0.01240	0.98760	23.79
52.5	1,345,678.23	12,758.76	0.00948	0.99052	23.49

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,199,012.51	10,982.60	0.00916	0.99084	23.27
54.5	924,827.56	9,603.32	0.01038	0.98962	23.06
55.5	685,048.29	7,856.55	0.01147	0.98853	22.82
56.5	487,175.25	5,821.37	0.01195	0.98805	22.56
57.5	329,451.12	4,550.38	0.01381	0.98619	22.29
58.5	184,248.04	3,874.44	0.02103	0.97897	21.98
59.5	0.00	0.00	0.00000	0.00000	21.52

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Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: G381.00-Meters & Regulators

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	82,823,878.96	7,743.00	0.00009	0.99991	100.00
0.5	78,485,389.68	90,928.30	0.00116	0.99884	99.99
1.5	75,770,267.31	145,593.23	0.00192	0.99808	99.88
2.5	73,926,228.25	164,462.45	0.00222	0.99778	99.68
3.5	72,217,379.90	184,108.91	0.00255	0.99745	99.46
4.5	69,765,525.97	187,817.16	0.00269	0.99731	99.21
5.5	66,858,824.80	311,207.47	0.00465	0.99535	98.94
6.5	62,622,219.84	283,009.83	0.00452	0.99548	98.48
7.5	59,826,169.03	330,878.84	0.00553	0.99447	98.04
8.5	56,591,923.03	865,260.36	0.01529	0.98471	97.49
9.5	54,041,739.93	1,106,188.29	0.02047	0.97953	96.00
10.5	51,279,150.41	749,414.11	0.01461	0.98539	94.04
11.5	46,256,351.75	1,040,653.56	0.02250	0.97750	92.66
12.5	42,423,382.74	842,847.90	0.01987	0.98013	90.58
13.5	37,602,039.38	509,967.72	0.01356	0.98644	88.78
14.5	32,138,228.71	537,034.08	0.01671	0.98329	87.58
15.5	28,251,094.78	419,643.98	0.01485	0.98515	86.11
16.5	25,417,177.59	656,578.04	0.02583	0.97417	84.83
17.5	21,983,298.32	281,744.27	0.01282	0.98718	82.64
18.5	19,695,688.56	332,317.40	0.01687	0.98313	81.58
19.5	17,255,309.42	431,890.99	0.02503	0.97497	80.21
20.5	14,790,561.95	415,234.77	0.02807	0.97193	78.20
21.5	12,491,068.30	293,834.21	0.02352	0.97648	76.00
22.5	10,653,048.31	285,083.30	0.02676	0.97324	74.22
23.5	8,873,915.16	237,996.78	0.02682	0.97318	72.23
24.5	7,392,307.99	214,773.69	0.02905	0.97095	70.29
25.5	5,823,543.28	163,504.67	0.02808	0.97192	68.25
26.5	4,246,401.19	111,561.89	0.02627	0.97373	66.33
27.5	2,898,209.37	78,396.60	0.02705	0.97295	64.59
28.5	1,728,859.15	87,718.61	0.05074	0.94926	62.85
29.5	0.00	0.00	0.00000	0.00000	59.66

Actuarial Life Analysis

Account: G381.00-Meters & Regulators
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1916 - 1952
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1948 -1952	36.5	74.70	0.02332175	S4	40.69
1949 -1953	37.5	81.03	0.01361145	S4	42.12
1950 -1954	38.5	88.21	0.00554747	L4	50.13
1951 -1955	39.5	65.48	0.02537148	L5	41.90
1952 -1956	40.5	41.92	0.07195561	S5	39.29
1953 -1957	41.5	43.17	0.07708563	L5	40.11
1954 -1958	42.5	52.60	0.06154800	S4	41.46
1955 -1959	43.5	70.73	0.01902851	S2	51.39
1956 -1960	44.5	81.09	0.01490581	S1	67.24
1957 -1961	45.5	84.25	0.01854236	S1	70.71
1958 -1962	46.5	85.36	0.01944062	S1	74.69
1959 -1963	47.5	85.25	0.02219317	S1	76.64
1960 -1964	48.5	86.76	0.02719597	S1.5	74.79
1961 -1965	49.5	87.04	0.03393102	S1.5	78.13
1962 -1966	50.5	87.45	0.03484696	S1.5	80.73
1963 -1967	51.5	88.86	0.02964358	S1.5	85.10
1964 -1968	52.5	88.31	0.03232932	S1	94.64
1965 -1969	53.5	3.10	0.34766832	S6	45.63
1966 -1970	54.5	2.16	0.28993283	SQ	46.10
1967 -1971	55.5	6.84	0.21260896	SQ	47.28
1968 -1972	56.5	11.95	0.14685745	S6	48.21
1969 -1973	57.5	10.99	0.08463581	S6	48.64
1970 -1974	58.5	26.36	0.11971941	S6	52.39
1971 -1975	59.5	29.32	0.09800660	S5	53.79
1972 -1976	60.5	23.68	0.14122502	S5	54.17
1973 -1977	61.5	18.03	0.23912361	S6	54.40
1974 -1978	62.5	37.22	0.17959762	S5	57.58
1975 -1979	63.5	27.14	0.30333728	S6	57.10
1976 -1980	64.5	58.30	0.11385616	R5	62.92
1977 -1981	65.5	50.56	0.15051009	L4	64.55
1978 -1982	66.5	84.40	0.00357859	S1	108.28
1979 -1983	67.5	51.94	0.06039579	L1	72.82
1980 -1984	68.5	35.26	0.11074098	L1	69.75
1981 -1985	69.5	43.16	0.09588430	L1	65.64
1982 -1986	70.5	0.00	0.69626830	R2.5	52.54
1983 -1987	71.5	0.00	0.78744314	R2.5	52.75
1984 -1988	72.5	0.00	1.00488868	R4	57.69
1985 -1989	73.5	0.00	1.10788047	R5	58.71
1986 -1990	74.5	0.00	1.19868699	R5	59.54
1987 -1991	75.5	0.00	1.32678926	R4	57.87
1988 -1992	76.5	47.00	0.32156080	R1.5	72.00
1989 -1993	77.5	46.92	0.28586990	L0	82.39
1990 -1994	78.5	48.70	0.35069874	L0	71.98
1991 -1995	79.5	43.87	0.42460073	L0	65.83

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G381.00-Meters & Regulators

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 1996

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1992 -1996	80.5	50.73	0.46966625	L0	69.98
1993 -1997	81.5	48.59	0.40910734	L0	69.14
1994 -1998	82.5	48.57	0.22914805	L0	73.94
1995 -1999	83.5	41.34	0.10418272	L0	72.41
1996 -2000	84.5	33.27	0.10209125	L0	69.03
1997 -2001	85.5	26.33	0.10225147	L0.5	60.02
1998 -2002	86.5	24.99	0.09953049	L0.5	58.30
1999 -2003	87.5	13.07	0.13257227	L0.5	51.76
2000 -2004	88.5	0.00	0.19782856	L1	44.97
2001 -2005	89.5	12.34	0.24107820	L1	44.02
2002 -2006	90.5	4.80	0.16869891	L1.5	38.58
2003 -2007	91.5	1.41	0.14611179	L2	33.94
2004 -2008	92.5	0.26	0.12112539	L1.5	29.67
2005 -2009	93.5	0.00	0.09273814	S0.5	28.08
2006 -2010	94.5	0.00	0.06903851	S1	26.84
2007 -2011	95.5	0.00	0.10230709	S1.5	26.54
2008 -2012	96.5	0.00	0.12813154	L3	26.62
2009 -2013	97.5	0.00	0.14722219	L3	29.00
2010 -2014	98.5	0.00	0.16499913	L2.5	31.95
2011 -2015	99.5	0.00	0.22473808	L1.5	37.24
2012 -2016	100.5	0.01	0.21988397	L0.5	43.39
2013 -2017	101.5	5.25	0.21790646	L0.5	50.79
2014 -2018	102.5	0.00	0.52288209	R0.5	53.74
2015 -2019	103.5	0.00	0.67182810	R0.5	54.94
2016 -2020	104.5	28.22	0.80926806	L0	55.24

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G381.00-Meters & Regulators

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

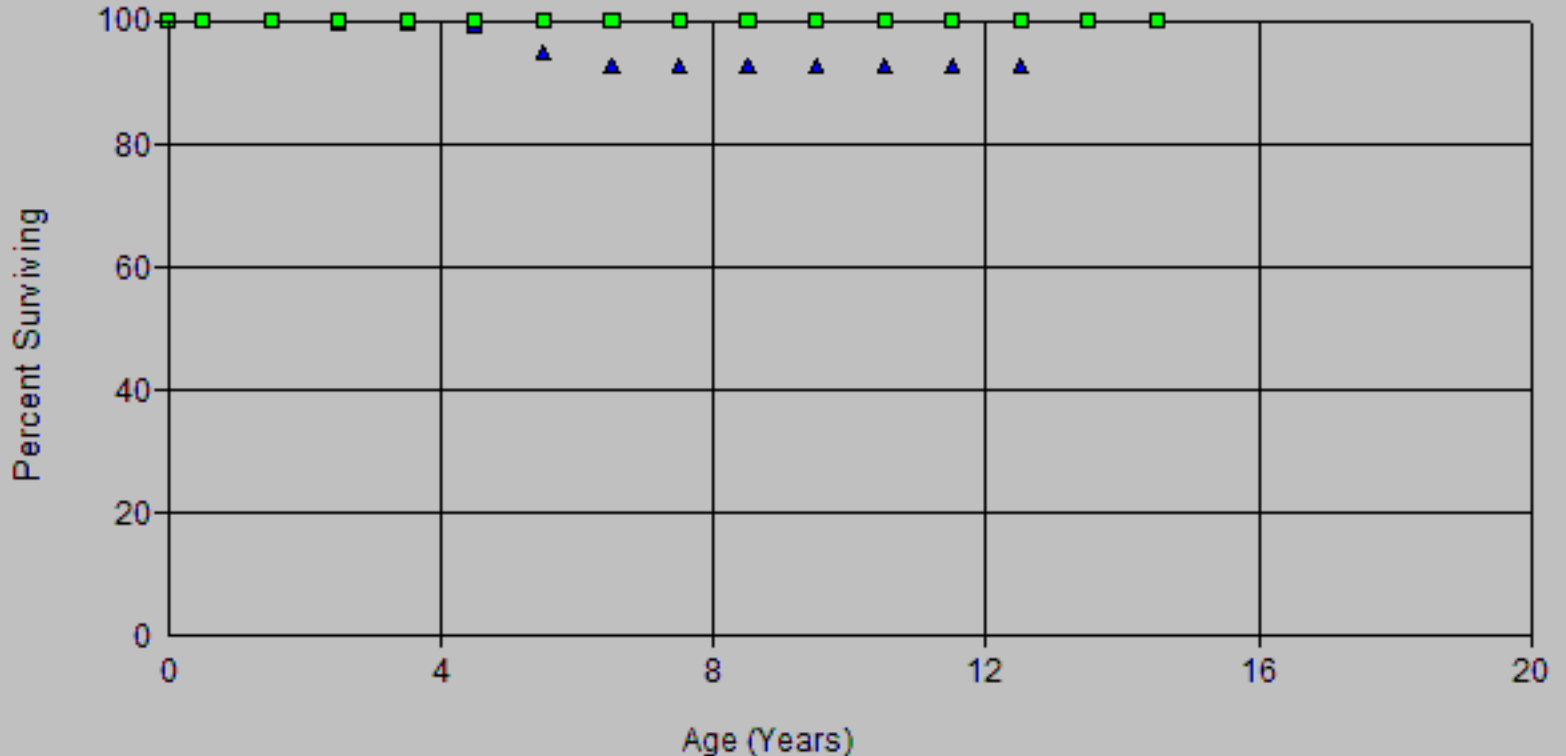
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1948 -2020	104.5	3.08	0.09994937	L1	43.40
1953 -2020	104.5	3.07	0.10115610	L1	43.34
1958 -2020	104.5	3.06	0.10236739	L1	43.28
1963 -2020	104.5	3.05	0.10343959	L1	43.19
1968 -2020	104.5	3.02	0.10507459	L1	43.00
1973 -2020	104.5	3.02	0.11269228	L1	42.84
1978 -2020	104.5	2.94	0.12067947	L1	42.38
1983 -2020	104.5	2.80	0.13090128	L1	41.51
1988 -2020	104.5	2.66	0.14045984	L0.5	41.11
1993 -2020	104.5	2.44	0.17649998	L1	39.41
1998 -2020	104.5	2.05	0.17404499	L1	37.86
2003 -2020	104.5	1.56	0.16142066	L1.5	35.61
2008 -2020	104.5	2.04	0.23263153	L1	36.09
2013 -2020	104.5	18.83	0.39371632	L0	51.56
2018 -2020	104.5	23.07	1.35615616	L0	48.25

Account: G381.01 Meters-Regs-Modules
Scenario: SDGE Actuarial @ 2020

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2024 GRC ABP
Depreciation

▲ Actual Data ■ SQ 15.00



SDG&E
2024 GRC - APP
Depreciation

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: G381.01-Meters-Regs-Modules

Placement Band: 2008 - 2020

Observation Band: 2012 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	37,421,844.26	0.00	0.00000	1.00000	100.00
0.5	42,045,821.00	0.00	0.00000	1.00000	100.00
1.5	74,252,889.68	195,743.79	0.00264	0.99736	100.00
2.5	79,651,642.84	54,641.99	0.00069	0.99931	99.74
3.5	78,140,407.78	69,213.35	0.00089	0.99911	99.67
4.5	75,705,570.54	3,562,055.35	0.04705	0.95295	99.58
5.5	69,303,499.57	1,599,129.33	0.02307	0.97693	94.89
6.5	62,988,721.83	25,935.12	0.00041	0.99959	92.70
7.5	59,035,936.11	0.00	0.00000	1.00000	92.67
8.5	54,831,693.81	62.67	0.00000	1.00000	92.67
9.5	40,105,273.12	0.00	0.00000	1.00000	92.67
10.5	7,359,775.78	0.00	0.00000	1.00000	92.67
11.5	126,854.39	0.00	0.00000	1.00000	92.67
12.5	0.00	0.00	0.00000	0.00000	92.67

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G381.01-Meters-Regs-Modules

Scenario: SDGE Actuarial @ 2020

Placement Band: 2008 - 2016

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2012 -2016	8.5	89.70	0.00274244	S0.5	19.16
2013 -2017	9.5	90.97	0.00274449	S0	24.97
2014 -2018	10.5	90.99	0.00299853	L0	38.75
2015 -2019	11.5	90.43	0.00384613	R0.5	40.59
2016 -2020	12.5	99.33	0.00005447	R1.5	212.39

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G381.01-Meters-Regs-Modules

Scenario: SDGE Actuarial @ 2020

Placement Band: 2008 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

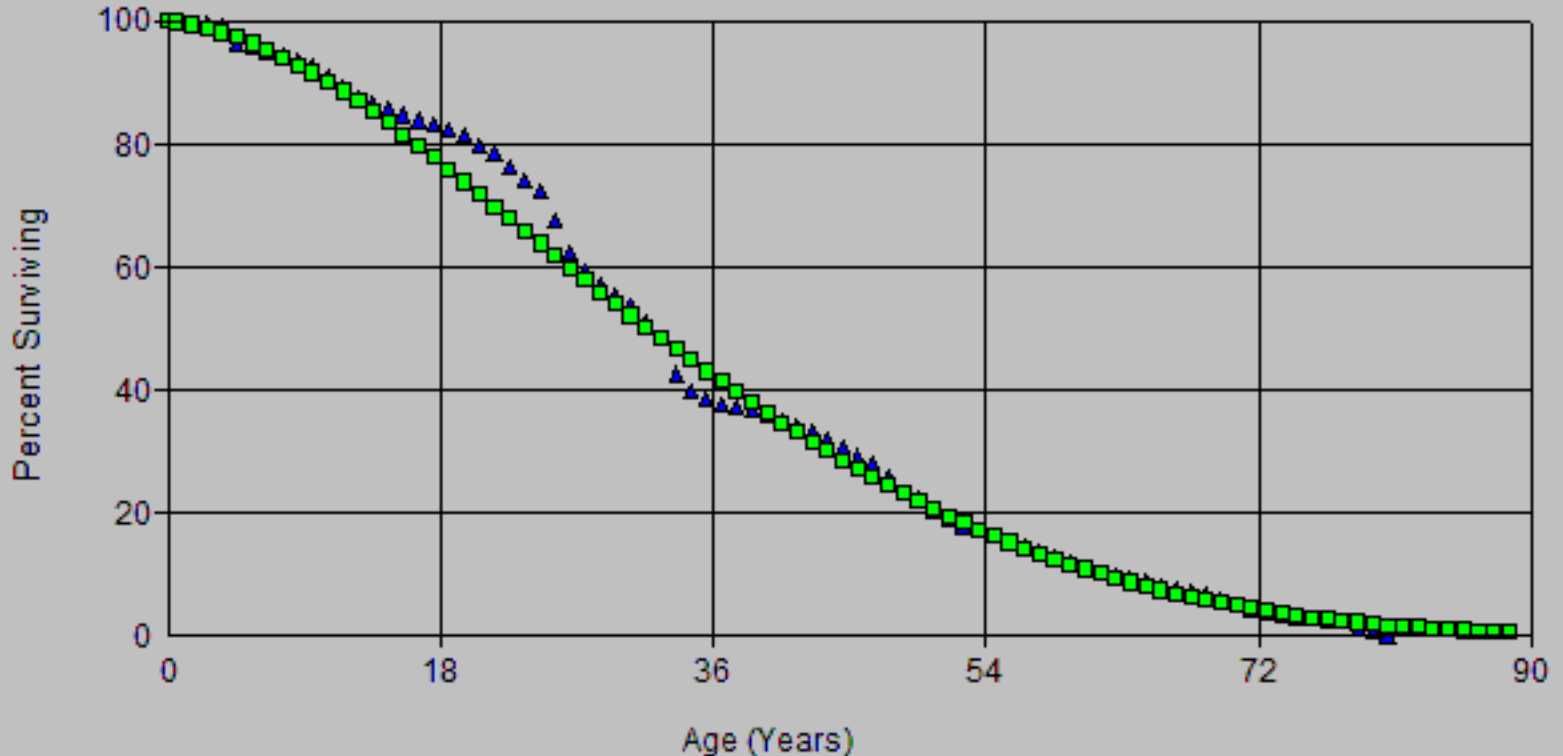
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2012 -2020	12.5	92.67	0.00342559	R0.5	56.93
2017 -2020		1.00			

Account: G382.00 Meter & Reg Instllns
 Scenario: SDGE Actuarial @ 2020

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 2024 GRD APP
 Depreciation

▲ Actual Data

■ L0.5 34.00

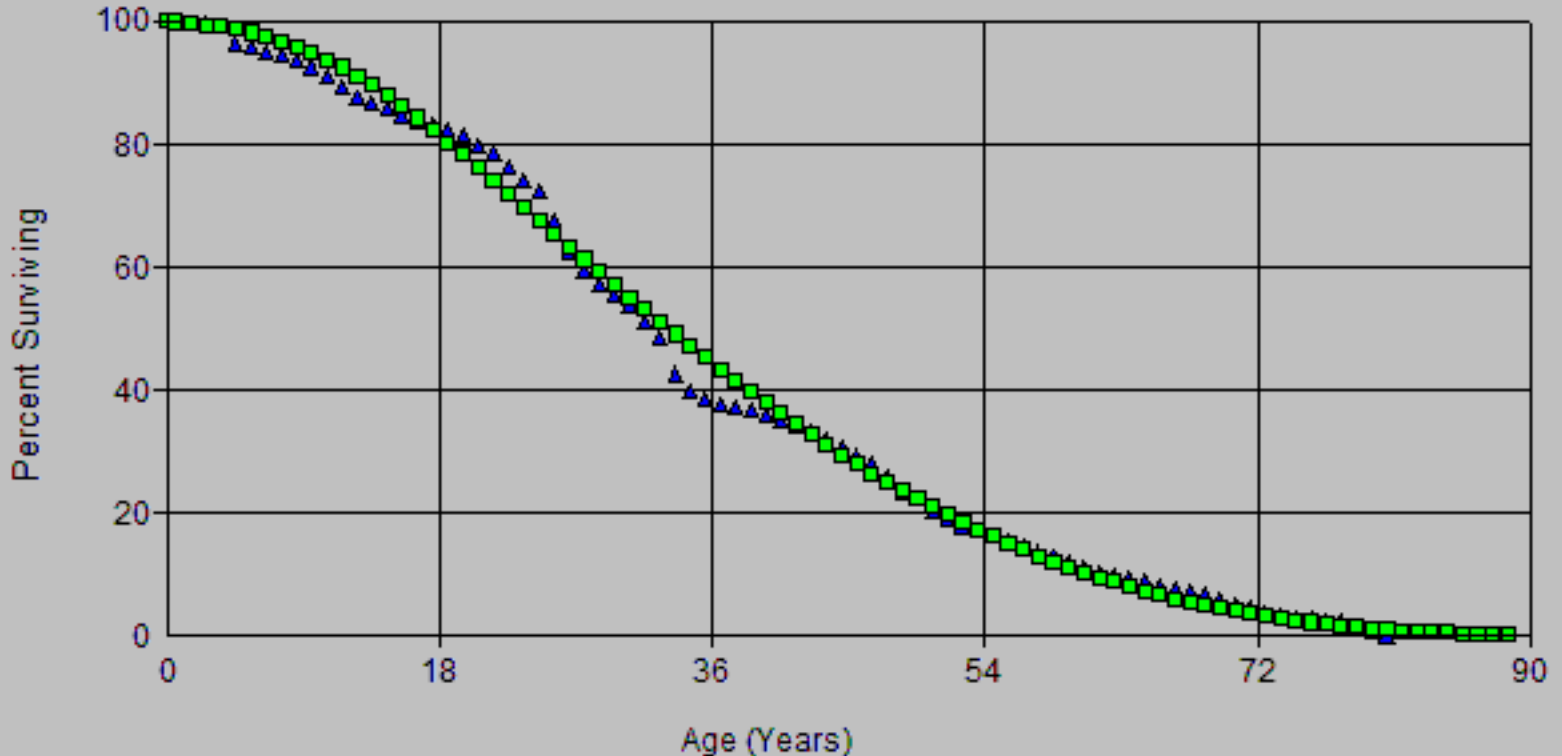


Account: G382.00 Meter & Reg Instllns
Scenario: SDGE Actuarial @ 2020

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2024 GRD APP
Depreciation

▲ Actual Data

■ L1 35.00

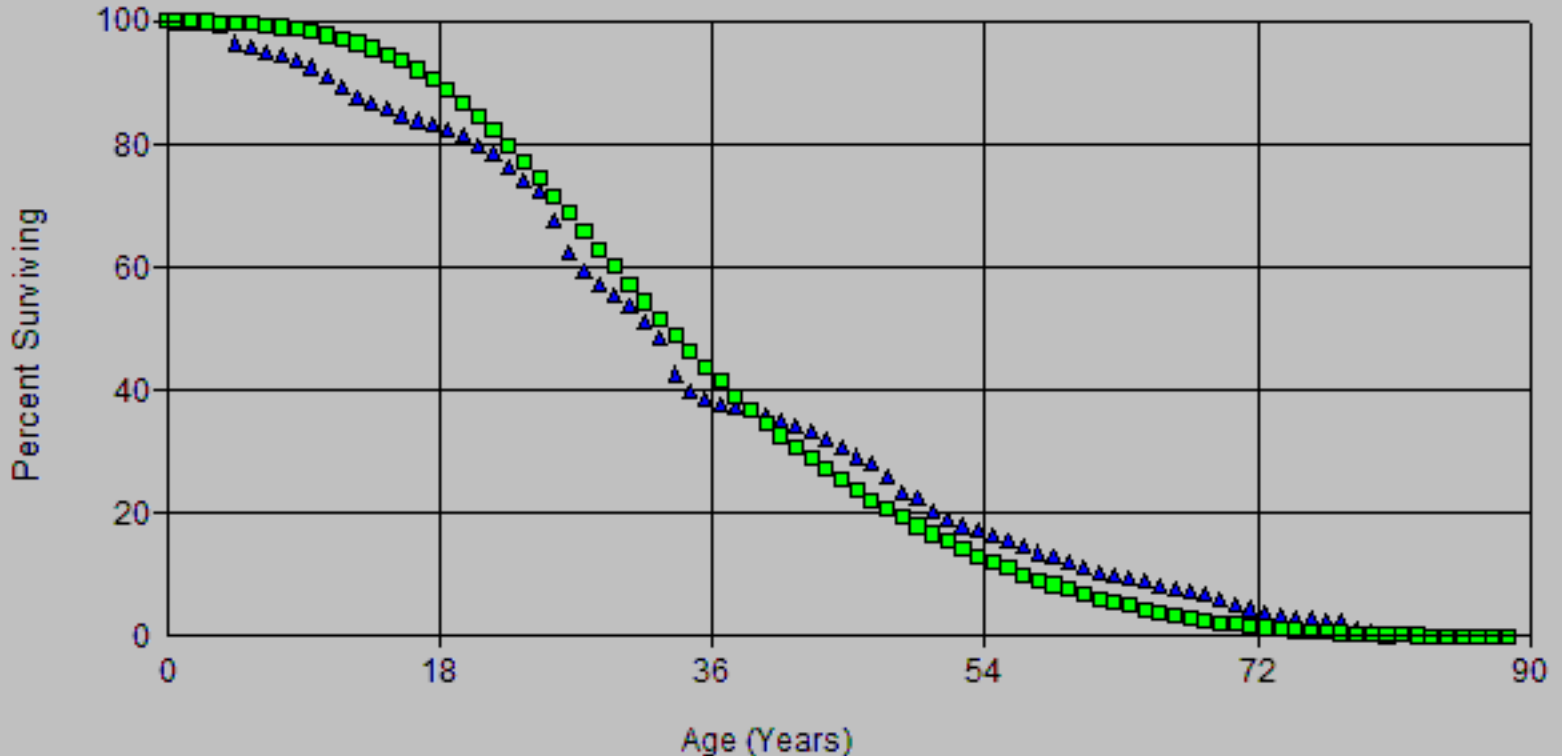


Account: G382.00 Meter & Reg Instllns
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

■ L2 35.00

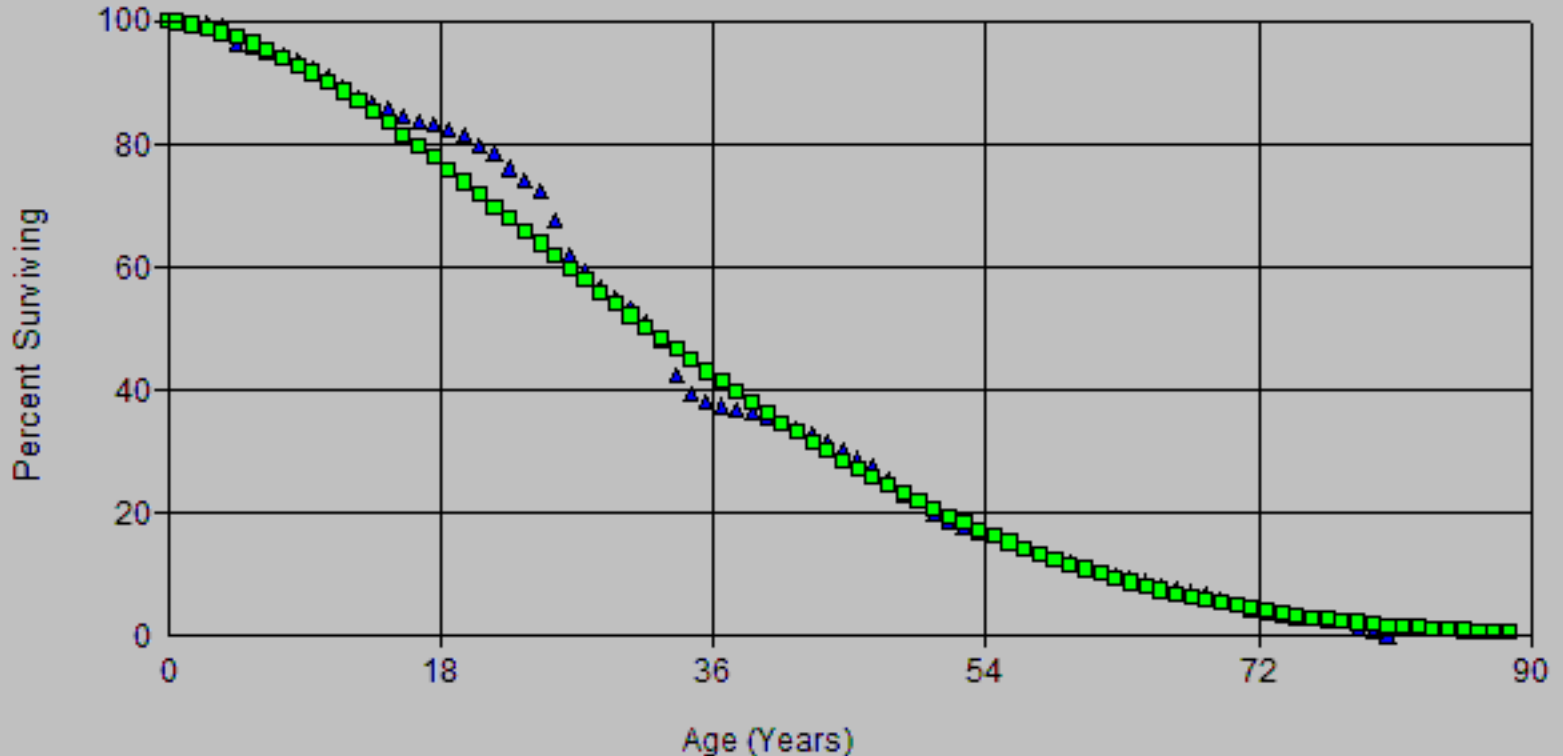


Account: G382.00 Meter & Reg Instllns
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

■ L0.5 34.00

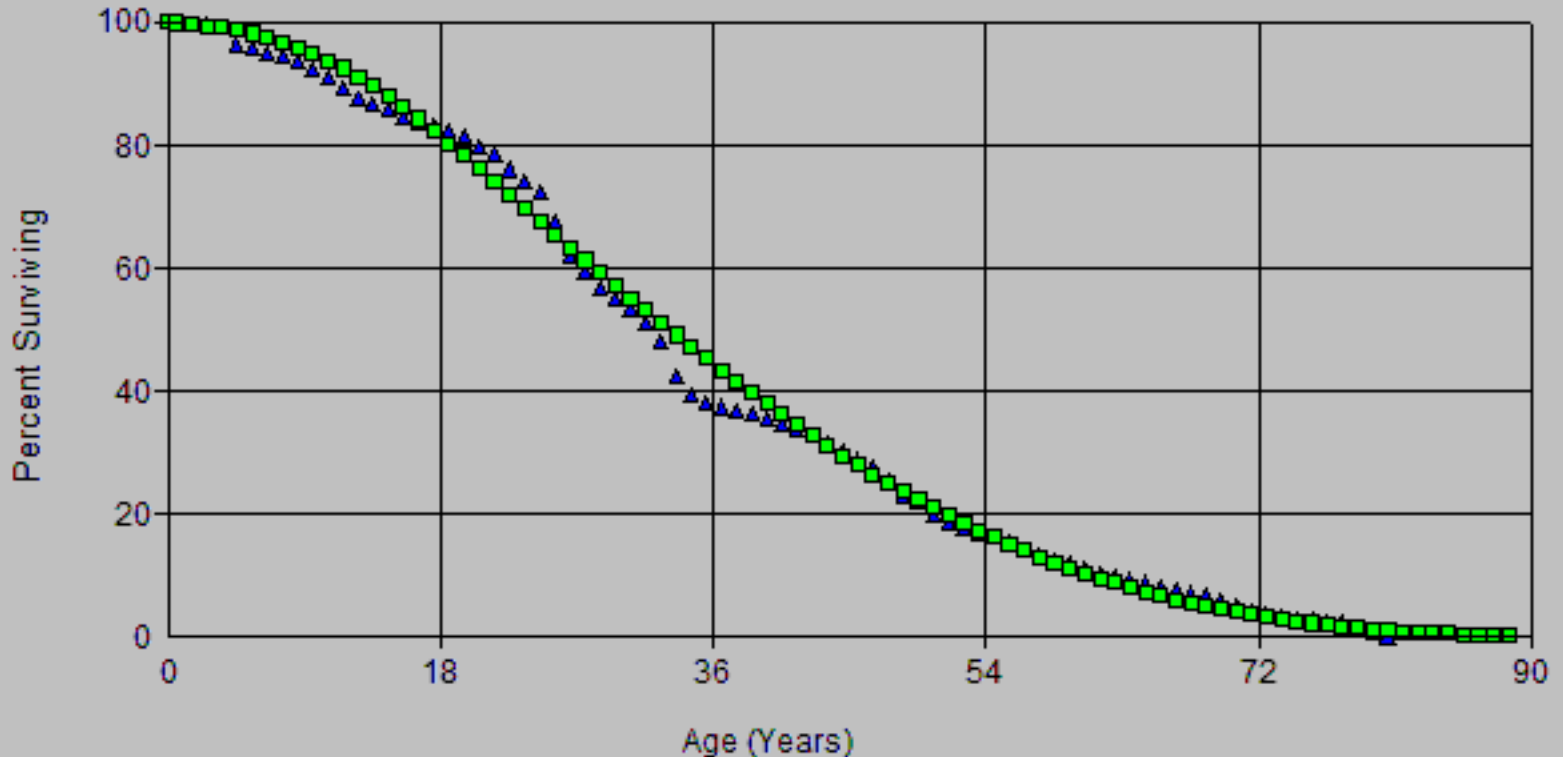


Account: G382.00 Meter & Reg Instllns
Scenario: SDGE Actuarial @ 2020

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2024 GRD APP
Depreciation

▲ Actual Data

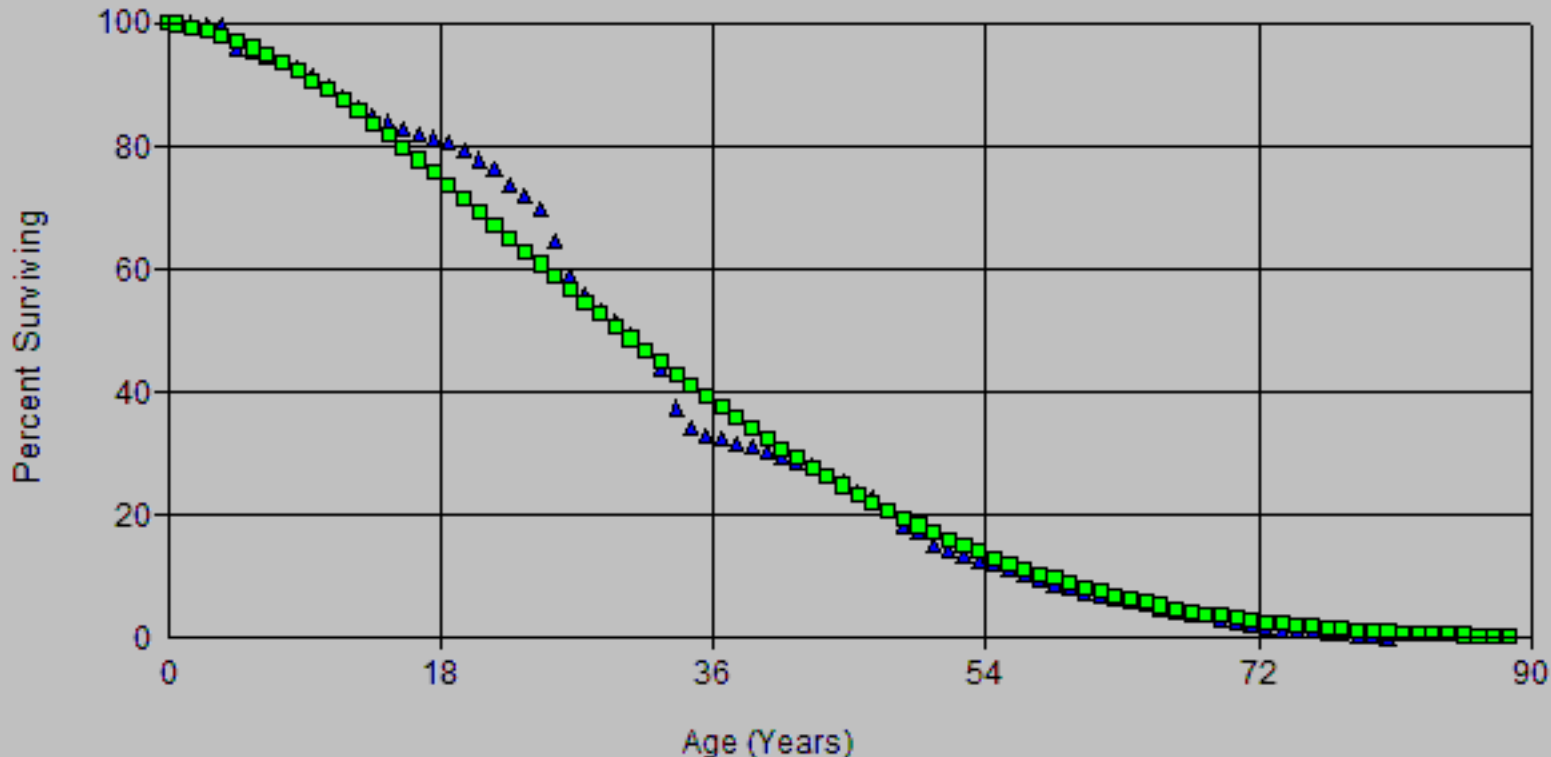
■ L1 35.00



Account: G382.00 Meter & Reg Instllns
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data ■ L0.5 32.00

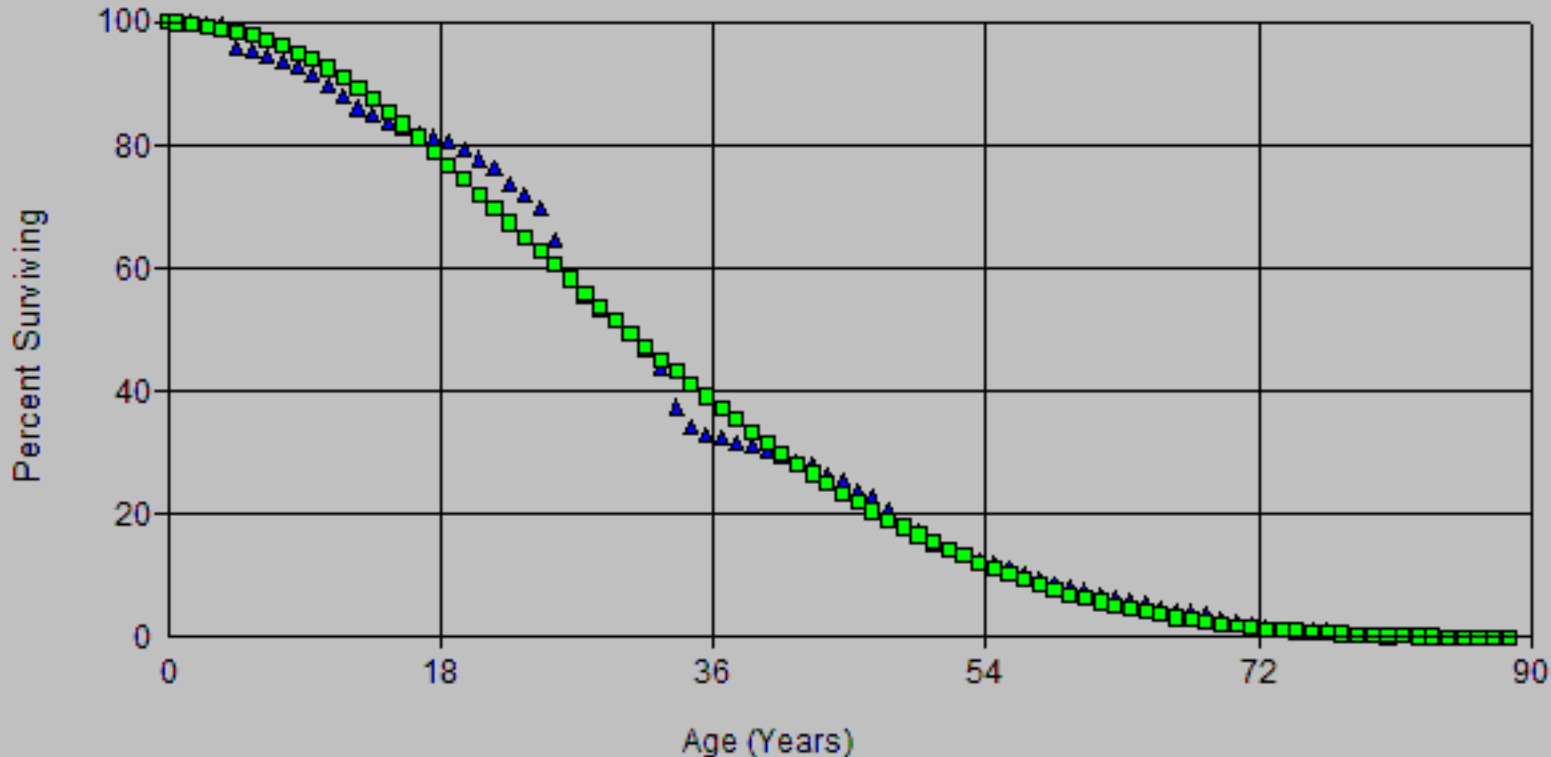


Account: G382.00 Meter & Reg Instllns
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

■ L1 32.00

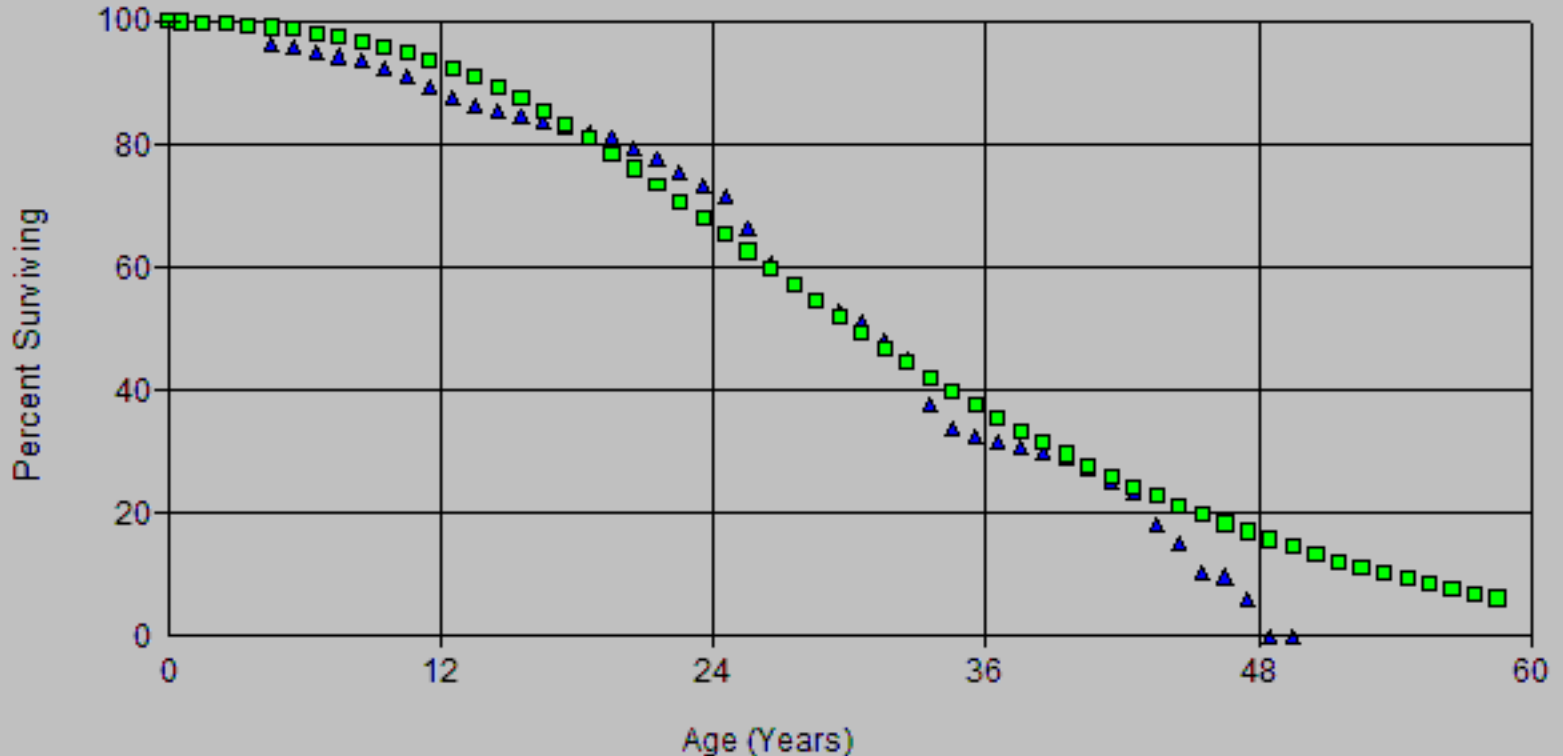


Account: G382.00 Meter & Reg Instllns
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

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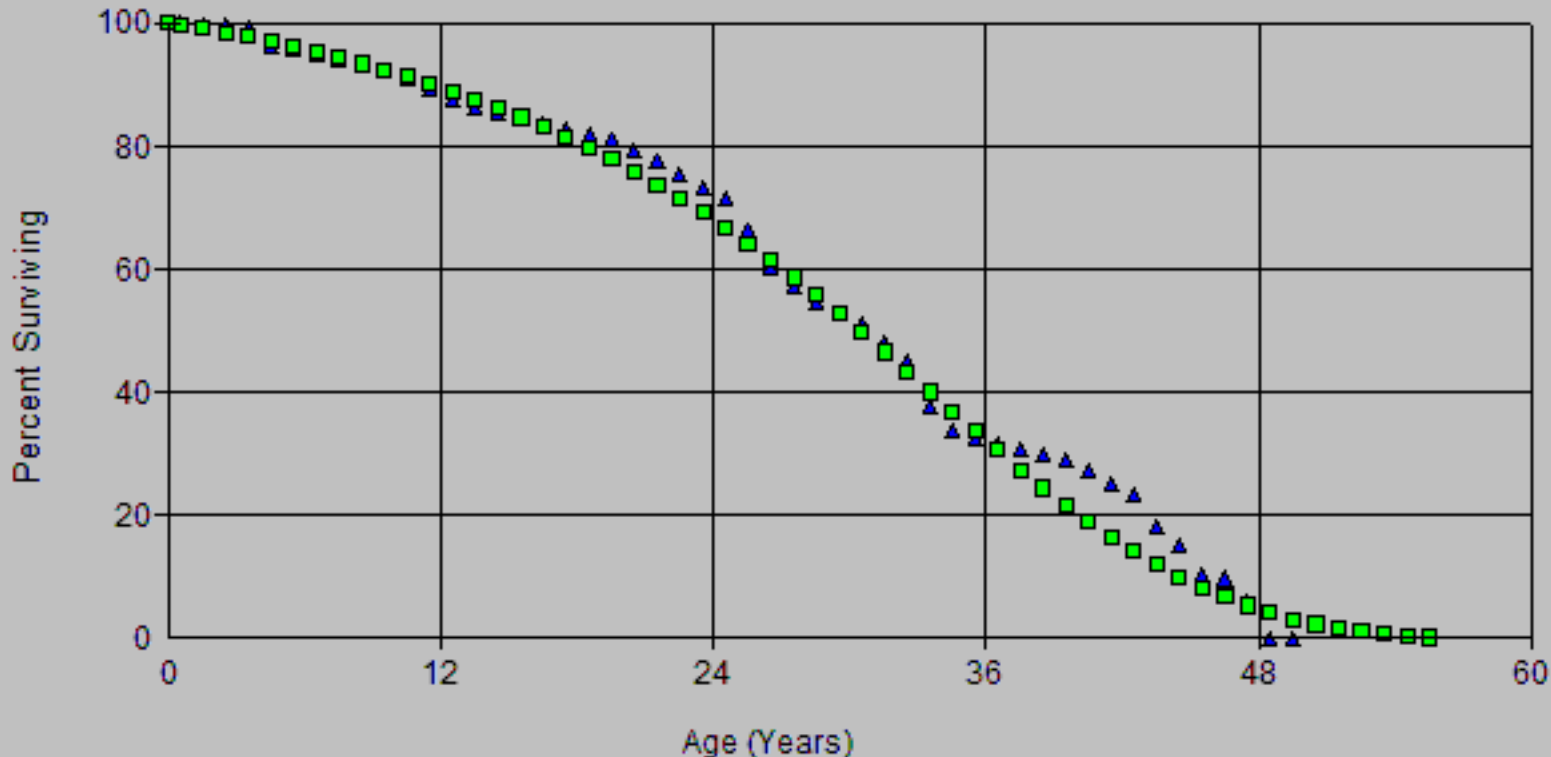


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Scenario: SDGE Actuarial @ 2020

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2024 GRD APP
Depreciation

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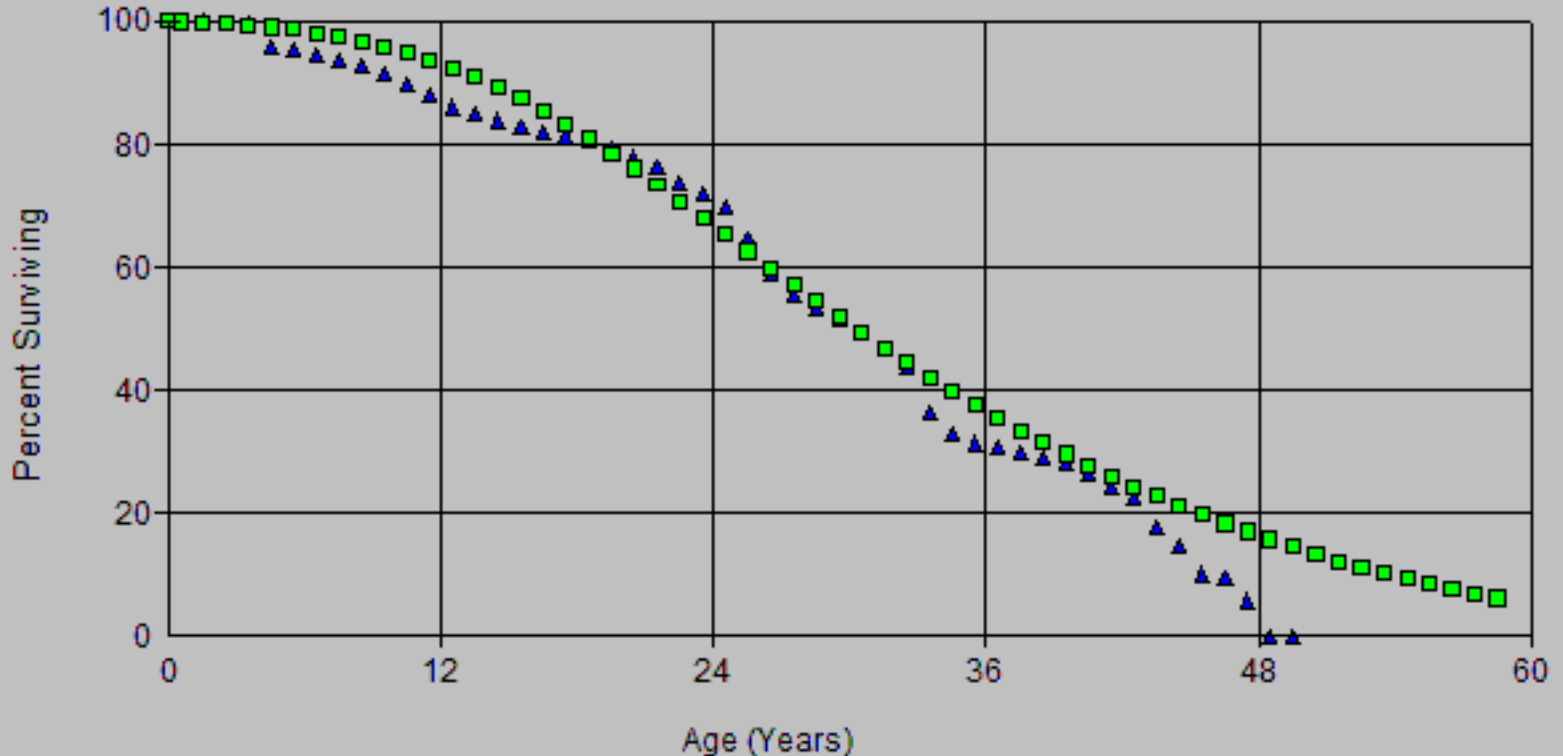


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Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

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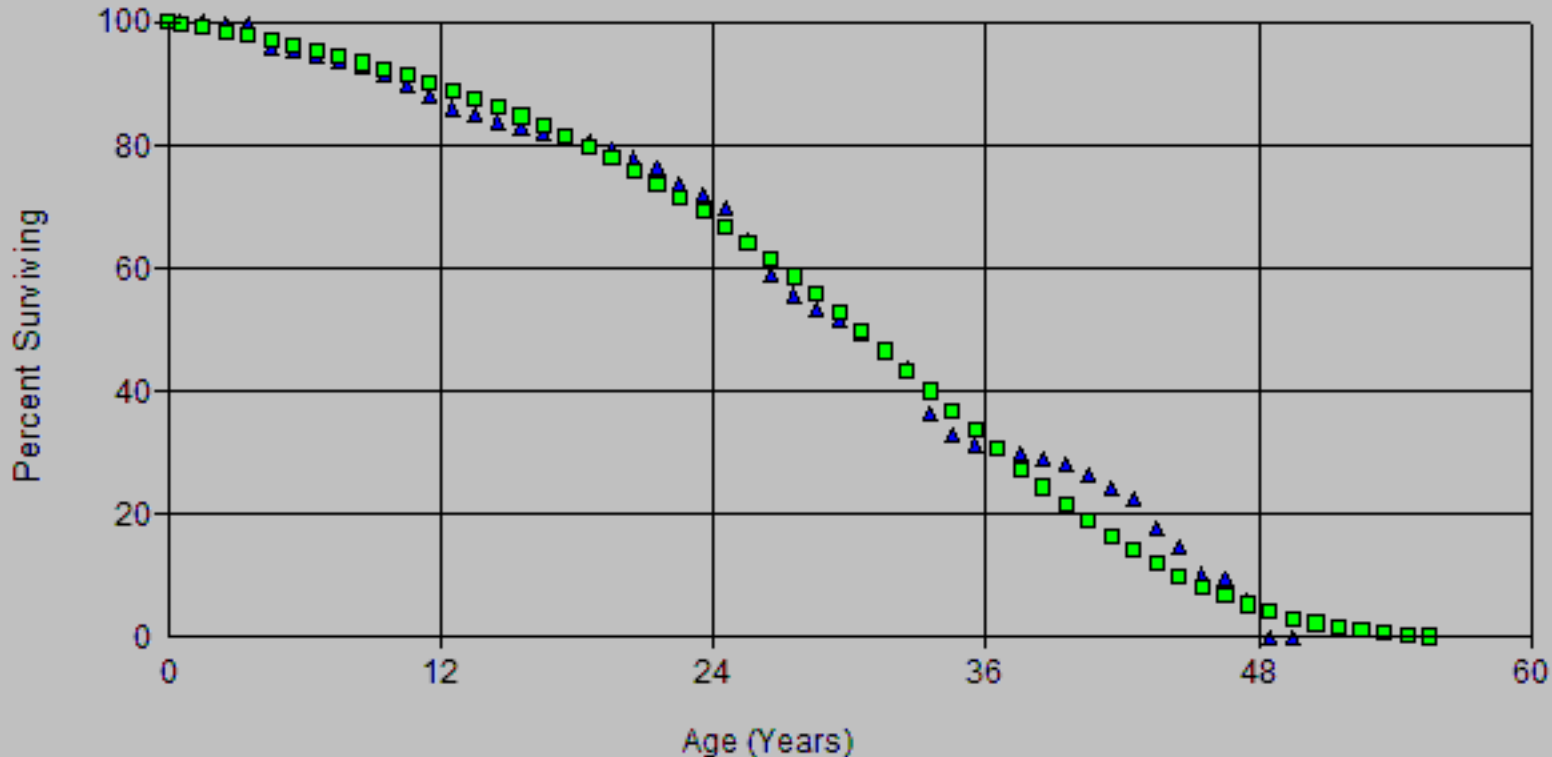


Account: G382.00 Meter & Reg Instllns
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ R1.5 29.00

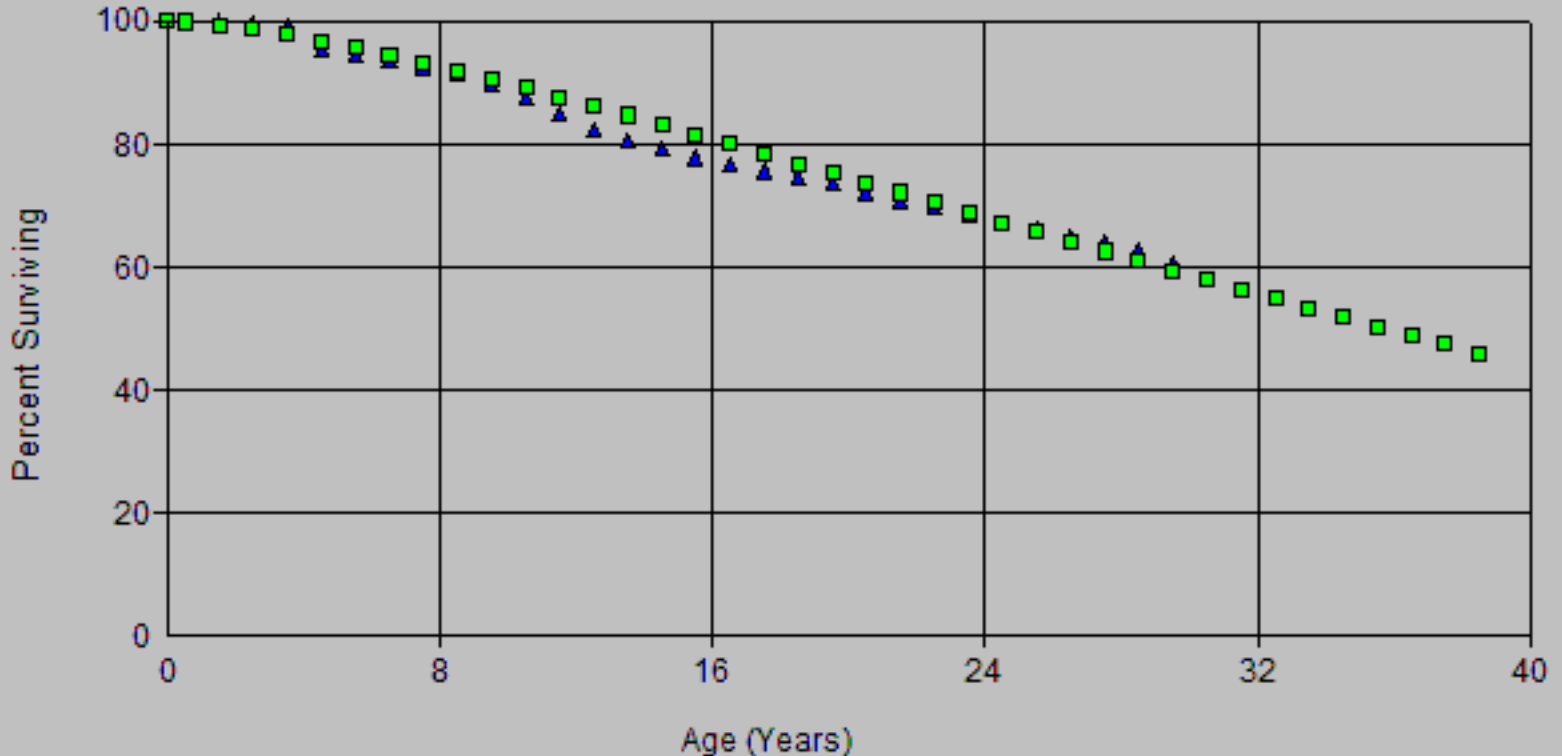


Account: G382.00 Meter & Reg Instllns
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ L0 39.00

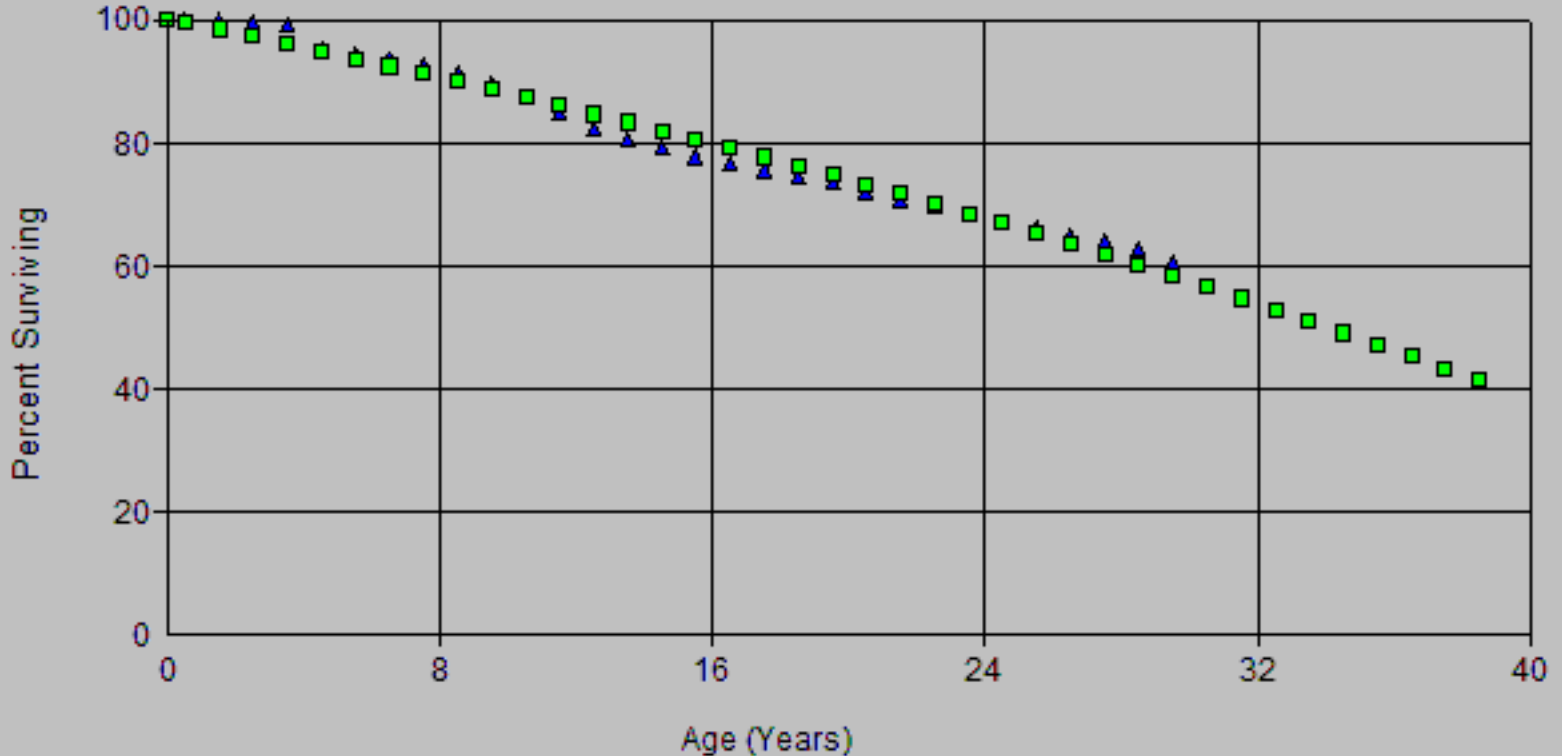


Account: G382.00 Meter & Reg Instllns
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ R0.5 33.00



Scenario: SDGE Actuarial @ 2020
 Account: G382.00-Meter & Reg Instllns
 Placement Band: 1916 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	118,980,985.81	14,964.00	0.00013	0.99987	100.00
0.5	112,776,453.60	123,104.35	0.00109	0.99891	99.99
1.5	106,542,820.71	237,627.61	0.00223	0.99777	99.88
2.5	102,423,166.50	261,548.15	0.00255	0.99745	99.66
3.5	93,966,323.81	2,700,312.85	0.02874	0.97126	99.40
4.5	90,743,280.23	501,392.86	0.00553	0.99447	96.54
5.5	87,031,474.75	745,873.22	0.00857	0.99143	96.01
6.5	83,369,939.69	629,001.56	0.00754	0.99246	95.19
7.5	80,801,372.62	571,342.25	0.00707	0.99293	94.47
8.5	77,501,988.71	1,003,055.60	0.01294	0.98706	93.80
9.5	74,630,257.54	1,216,410.58	0.01630	0.98370	92.59
10.5	71,449,443.73	1,250,617.06	0.01750	0.98250	91.08
11.5	67,579,605.66	1,297,678.32	0.01920	0.98080	89.48
12.5	64,619,298.76	839,513.86	0.01299	0.98701	87.77
13.5	61,904,031.36	613,693.69	0.00991	0.99009	86.63
14.5	59,182,469.30	661,500.10	0.01118	0.98882	85.77
15.5	56,311,308.90	558,942.18	0.00993	0.99007	84.81
16.5	53,662,798.02	484,689.96	0.00903	0.99097	83.97
17.5	51,472,322.33	471,847.89	0.00917	0.99083	83.21
18.5	49,207,392.58	573,521.08	0.01166	0.98834	82.45
19.5	46,924,796.19	876,273.29	0.01867	0.98133	81.49
20.5	44,608,336.00	871,438.77	0.01954	0.98046	79.96
21.5	41,993,565.99	1,202,154.81	0.02863	0.97137	78.40
22.5	39,049,944.32	948,974.94	0.02430	0.97570	76.16
23.5	37,158,687.86	920,556.08	0.02477	0.97523	74.31
24.5	35,017,075.57	2,278,527.97	0.06507	0.93493	72.47
25.5	30,922,355.39	2,501,960.79	0.08091	0.91909	67.75
26.5	26,594,851.83	1,235,457.83	0.04645	0.95355	62.27
27.5	23,843,190.66	929,872.14	0.03900	0.96100	59.38
28.5	21,169,173.06	598,985.52	0.02830	0.97170	57.06
29.5	18,593,979.59	603,783.54	0.03247	0.96753	55.45
30.5	16,523,377.65	717,787.76	0.04344	0.95656	53.65
31.5	14,002,010.99	769,767.15	0.05498	0.94502	51.32
32.5	11,725,760.29	1,409,392.61	0.12020	0.87980	48.49
33.5	9,936,635.41	688,754.02	0.06931	0.93069	42.67
34.5	7,607,405.17	228,849.63	0.03008	0.96992	39.71
35.5	7,370,988.28	120,846.68	0.01639	0.98361	38.51
36.5	7,250,141.60	97,528.54	0.01345	0.98655	37.88
37.5	6,253,930.96	111,003.59	0.01775	0.98225	37.37
38.5	5,712,588.34	101,356.45	0.01774	0.98226	36.71
39.5	5,006,862.16	121,763.77	0.02432	0.97568	36.06
40.5	4,187,946.05	124,203.63	0.02966	0.97034	35.18
41.5	3,719,729.25	68,723.83	0.01848	0.98152	34.14
42.5	3,619,660.13	166,540.32	0.04601	0.95399	33.51
43.5	3,453,119.81	119,398.14	0.03458	0.96542	31.97
44.5	3,333,721.67	176,019.70	0.05280	0.94720	30.86
45.5	3,157,584.49	118,304.03	0.03747	0.96253	29.23
46.5	3,039,280.46	229,636.80	0.07556	0.92444	28.14
47.5	2,809,643.66	270,683.98	0.09634	0.90366	26.01
48.5	2,538,959.68	122,212.02	0.04813	0.95187	23.51
49.5	2,416,747.66	240,798.86	0.09964	0.90036	22.37
50.5	2,175,948.80	116,515.26	0.05355	0.94645	20.15
51.5	2,059,433.54	121,819.01	0.05915	0.94085	19.07
52.5	1,937,614.53	80,246.31	0.04142	0.95858	17.91

Scenario: SDGE Actuarial @ 2020

Account: G382.00-Meter & Reg Instllns

Placement Band: 1916 - 2020

Observation Band: 1947 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,857,368.22	79,228.75	0.04266	0.95734	17.20
54.5	1,778,139.47	90,644.93	0.05098	0.94902	16.46
55.5	1,687,494.54	108,362.82	0.06422	0.93578	15.62
56.5	1,579,131.72	104,081.67	0.06591	0.93409	14.62
57.5	1,475,050.05	94,242.69	0.06389	0.93611	13.66
58.5	1,380,807.36	80,752.28	0.05848	0.94152	12.78
59.5	1,300,055.08	73,146.60	0.05626	0.94374	12.04
60.5	1,226,908.48	99,674.18	0.08124	0.91876	11.36
61.5	1,046,443.77	42,216.97	0.04034	0.95966	10.44
62.5	940,925.08	55,683.43	0.05918	0.94082	10.01
63.5	830,586.09	44,193.43	0.05321	0.94679	9.42
64.5	711,751.64	51,864.84	0.07287	0.92713	8.92
65.5	586,057.48	44,115.96	0.07528	0.92472	8.27
66.5	482,914.84	26,238.20	0.05433	0.94567	7.65
67.5	411,152.96	21,948.70	0.05338	0.94662	7.23
68.5	389,204.26	52,293.64	0.13436	0.86564	6.85
69.5	336,910.62	35,488.26	0.10533	0.89467	5.93
70.5	301,422.36	46,718.07	0.15499	0.84501	5.30
71.5	254,704.29	32,692.91	0.12836	0.87164	4.48
72.5	222,011.38	33,905.13	0.15272	0.84728	3.91
73.5	188,106.25	15,911.63	0.08459	0.91541	3.31
74.5	172,194.62	9,023.12	0.05240	0.94760	3.03
75.5	163,171.50	10,552.61	0.06467	0.93533	2.87
76.5	152,618.89	13,704.64	0.08980	0.91020	2.68
77.5	138,914.25	73,979.54	0.53256	0.46744	2.44
78.5	64,934.71	21,487.51	0.33091	0.66909	1.14
79.5	43,447.20	31,620.48	0.72779	0.27221	0.76
80.5	11,826.72	11,826.72	1.00000	0.00000	0.21
81.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: G382.00-Meter & Reg Instllns
 Placement Band: 1916 - 2020

Observed Life Table
 SDG&E
 2024 GRC - APP
 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	116,178,264.64	12,758.00	0.00011	0.99989	100.00
0.5	110,307,031.88	118,583.35	0.00108	0.99892	99.99
1.5	104,437,014.26	229,575.61	0.00220	0.99780	99.88
2.5	100,600,819.67	255,525.15	0.00254	0.99746	99.66
3.5	92,352,279.92	2,694,742.85	0.02918	0.97082	99.41
4.5	89,278,538.53	493,294.86	0.00553	0.99447	96.51
5.5	85,705,505.64	738,724.22	0.00862	0.99138	95.97
6.5	82,225,098.76	621,501.56	0.00756	0.99244	95.15
7.5	79,871,994.25	565,813.25	0.00708	0.99292	94.43
8.5	76,732,882.45	999,647.60	0.01303	0.98697	93.76
9.5	73,994,060.18	1,213,285.58	0.01640	0.98360	92.54
10.5	70,913,127.38	1,246,797.06	0.01758	0.98242	91.02
11.5	67,111,891.73	1,291,097.32	0.01924	0.98076	89.42
12.5	64,239,463.55	831,655.86	0.01295	0.98705	87.70
13.5	61,578,355.06	606,390.69	0.00985	0.99015	86.56
14.5	58,885,362.54	657,999.10	0.01117	0.98883	85.71
15.5	56,028,065.56	556,751.18	0.00994	0.99006	84.75
16.5	53,386,657.57	482,766.96	0.00904	0.99096	83.91
17.5	51,205,100.47	470,274.89	0.00918	0.99082	83.15
18.5	48,949,257.23	571,769.08	0.01168	0.98832	82.39
19.5	46,695,814.05	874,376.29	0.01872	0.98128	81.43
20.5	44,374,289.90	869,562.77	0.01960	0.98040	79.90
21.5	41,749,897.76	1,200,685.81	0.02876	0.97124	78.34
22.5	38,809,170.91	947,438.94	0.02441	0.97559	76.08
23.5	36,916,241.13	918,865.08	0.02489	0.97511	74.23
24.5	34,774,126.06	2,276,662.97	0.06547	0.93453	72.38
25.5	30,663,998.92	2,500,042.79	0.08153	0.91847	67.64
26.5	26,330,332.09	1,233,838.83	0.04686	0.95314	62.13
27.5	23,589,748.12	928,107.14	0.03934	0.96066	59.21
28.5	20,916,609.39	597,594.52	0.02857	0.97143	56.89
29.5	18,342,352.16	602,423.54	0.03284	0.96716	55.26
30.5	16,232,103.05	716,431.76	0.04414	0.95586	53.45
31.5	13,728,851.47	768,225.15	0.05596	0.94404	51.09
32.5	11,469,082.99	1,408,080.61	0.12277	0.87723	48.23
33.5	9,702,929.44	687,488.02	0.07085	0.92915	42.31
34.5	7,404,558.17	227,408.63	0.03071	0.96929	39.31
35.5	7,198,104.28	119,541.68	0.01661	0.98339	38.10
36.5	7,096,296.60	96,472.54	0.01359	0.98641	37.47
37.5	6,124,729.96	109,936.59	0.01795	0.98205	36.96
38.5	5,600,231.34	101,123.45	0.01806	0.98194	36.30
39.5	4,919,388.16	121,691.77	0.02474	0.97526	35.64
40.5	4,112,543.05	124,105.63	0.03018	0.96982	34.76
41.5	3,646,788.25	68,666.83	0.01883	0.98117	33.71
42.5	3,554,547.13	166,454.32	0.04683	0.95317	33.08
43.5	3,395,511.81	119,388.14	0.03516	0.96484	31.53
44.5	3,333,721.67	176,019.70	0.05280	0.94720	30.42
45.5	3,157,584.49	118,304.03	0.03747	0.96253	28.81
46.5	3,039,280.46	229,636.80	0.07556	0.92444	27.73
47.5	2,809,643.66	270,683.98	0.09634	0.90366	25.64
48.5	2,538,959.68	122,212.02	0.04813	0.95187	23.17
49.5	2,416,747.66	240,798.86	0.09964	0.90036	22.05
50.5	2,175,948.80	116,515.26	0.05355	0.94645	19.86
51.5	2,059,433.54	121,819.01	0.05915	0.94085	18.79
52.5	1,937,614.53	80,246.31	0.04142	0.95858	17.68

Scenario: SDGE Actuarial @ 2020

Account: G382.00-Meter & Reg Instllns

Placement Band: 1916 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,857,368.22	79,228.75	0.04266	0.95734	16.95
54.5	1,778,139.47	90,644.93	0.05098	0.94902	16.23
55.5	1,687,494.54	108,362.82	0.06422	0.93578	15.40
56.5	1,579,131.72	104,081.67	0.06591	0.93409	14.41
57.5	1,475,050.05	94,242.69	0.06389	0.93611	13.46
58.5	1,380,807.36	80,752.28	0.05848	0.94152	12.60
59.5	1,300,055.08	73,146.60	0.05626	0.94374	11.86
60.5	1,226,908.48	99,674.18	0.08124	0.91876	11.20
61.5	1,046,443.77	42,216.97	0.04034	0.95966	10.29
62.5	940,925.08	55,683.43	0.05918	0.94082	9.87
63.5	830,586.09	44,193.43	0.05321	0.94679	9.29
64.5	711,751.64	51,864.84	0.07287	0.92713	8.79
65.5	586,057.48	44,115.96	0.07528	0.92472	8.15
66.5	482,914.84	26,238.20	0.05433	0.94567	7.54
67.5	411,152.96	21,948.70	0.05338	0.94662	7.13
68.5	389,204.26	52,293.64	0.13436	0.86564	6.75
69.5	336,910.62	35,488.26	0.10533	0.89467	5.84
70.5	301,422.36	46,718.07	0.15499	0.84501	5.23
71.5	254,704.29	32,692.91	0.12836	0.87164	4.42
72.5	222,011.38	33,905.13	0.15272	0.84728	3.85
73.5	188,106.25	15,911.63	0.08459	0.91541	3.26
74.5	172,194.62	9,023.12	0.05240	0.94760	2.99
75.5	163,171.50	10,552.61	0.06467	0.93533	2.83
76.5	152,618.89	13,704.64	0.08980	0.91020	2.65
77.5	138,914.25	73,979.54	0.53256	0.46744	2.41
78.5	64,934.71	21,487.51	0.33091	0.66909	1.13
79.5	43,447.20	31,620.48	0.72779	0.27221	0.75
80.5	11,826.72	11,826.72	1.00000	0.00000	0.21
81.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: G382.00-Meter & Reg Instllns
 Placement Band: 1916 - 2020

Observed Life Table
 SDG&E
 2024 GRC - APP
 Depreciation

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	88,158,305.92	1,074.00	0.00001	0.99999	100.00
0.5	83,862,565.17	55,259.35	0.00066	0.99934	100.00
1.5	80,137,416.21	136,860.61	0.00171	0.99829	99.93
2.5	78,502,982.73	182,925.15	0.00233	0.99767	99.76
3.5	72,470,924.70	2,629,729.85	0.03629	0.96371	99.53
4.5	71,745,921.04	428,827.86	0.00598	0.99402	95.92
5.5	70,404,436.93	686,638.22	0.00975	0.99025	95.34
6.5	68,487,570.11	555,563.56	0.00811	0.99189	94.41
7.5	67,040,336.04	525,164.25	0.00783	0.99217	93.65
8.5	64,538,977.91	945,866.60	0.01466	0.98534	92.92
9.5	62,536,430.76	1,174,830.58	0.01879	0.98121	91.55
10.5	60,252,459.47	1,197,109.06	0.01987	0.98013	89.83
11.5	57,367,640.95	1,255,482.32	0.02188	0.97812	88.05
12.5	55,248,521.55	790,687.86	0.01431	0.98569	86.12
13.5	53,406,723.01	576,452.69	0.01079	0.98921	84.89
14.5	51,392,789.40	626,640.10	0.01219	0.98781	83.97
15.5	48,973,458.69	511,492.18	0.01044	0.98956	82.95
16.5	46,840,834.96	453,254.96	0.00968	0.99032	82.08
17.5	45,219,567.43	446,567.89	0.00988	0.99012	81.29
18.5	43,403,671.51	544,230.08	0.01254	0.98746	80.49
19.5	41,522,617.19	838,639.29	0.02020	0.97980	79.48
20.5	39,499,770.23	826,805.77	0.02093	0.97907	77.87
21.5	37,165,094.44	1,168,504.81	0.03144	0.96856	76.24
22.5	34,495,076.77	918,269.94	0.02662	0.97338	73.85
23.5	32,829,917.88	897,808.08	0.02735	0.97265	71.88
24.5	30,853,635.91	2,256,179.97	0.07313	0.92687	69.91
25.5	26,955,959.41	2,484,900.79	0.09218	0.90782	64.80
26.5	22,882,537.01	1,220,072.83	0.05332	0.94668	58.83
27.5	20,357,402.87	913,905.14	0.04489	0.95511	55.69
28.5	17,886,240.30	587,433.52	0.03284	0.96716	53.19
29.5	15,522,383.58	592,679.54	0.03818	0.96182	51.44
30.5	13,735,244.50	708,035.76	0.05155	0.94845	49.48
31.5	11,575,988.77	760,355.15	0.06568	0.93432	46.93
32.5	9,581,762.41	1,400,827.61	0.14620	0.85380	43.85
33.5	8,017,578.14	680,659.02	0.08490	0.91510	37.44
34.5	5,857,318.82	220,215.63	0.03760	0.96240	34.26
35.5	5,795,768.06	113,131.68	0.01952	0.98048	32.97
36.5	5,857,564.57	90,244.54	0.01541	0.98459	32.33
37.5	5,079,099.36	104,502.59	0.02058	0.97942	31.83
38.5	4,701,611.67	95,919.45	0.02040	0.97960	31.17
39.5	4,140,815.07	118,068.77	0.02851	0.97149	30.54
40.5	3,424,985.19	119,577.63	0.03491	0.96509	29.67
41.5	3,026,077.85	65,300.83	0.02158	0.97842	28.63
42.5	3,003,629.18	163,774.32	0.05453	0.94547	28.01
43.5	2,891,383.97	117,636.14	0.04069	0.95931	26.49
44.5	2,798,119.24	173,933.70	0.06216	0.93784	25.41
45.5	2,639,023.72	116,718.03	0.04423	0.95577	23.83
46.5	2,542,883.41	228,161.80	0.08973	0.91027	22.77
47.5	2,336,086.28	268,828.98	0.11508	0.88492	20.73
48.5	2,088,020.03	120,737.02	0.05782	0.94218	18.34
49.5	2,013,307.55	239,660.86	0.11904	0.88096	17.28
50.5	1,795,601.70	115,568.26	0.06436	0.93564	15.23
51.5	1,695,803.31	121,037.01	0.07137	0.92863	14.25
52.5	1,592,189.12	78,694.31	0.05000	0.95000	13.23

Scenario: SDGE Actuarial @ 2020

Account: G382.00-Meter & Reg Instllns

Placement Band: 1916 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,531,583.49	78,525.75	0.05127	0.94873	12.57
54.5	1,465,771.96	90,227.93	0.06156	0.93844	11.92
55.5	1,382,751.07	108,042.82	0.07814	0.92186	11.19
56.5	1,277,570.98	103,641.67	0.08112	0.91888	10.32
57.5	1,184,966.51	93,739.69	0.07911	0.92089	9.48
58.5	1,096,929.69	80,359.28	0.07326	0.92674	8.73
59.5	1,021,601.65	72,290.60	0.07076	0.92924	8.09
60.5	964,059.88	99,333.18	0.10304	0.89696	7.52
61.5	798,522.25	41,855.97	0.05242	0.94758	6.74
62.5	706,212.78	55,290.43	0.07829	0.92171	6.39
63.5	615,860.12	43,888.43	0.07126	0.92874	5.89
64.5	523,983.64	51,643.84	0.09856	0.90144	5.47
65.5	424,298.48	43,933.96	0.10354	0.89646	4.93
66.5	336,171.84	26,151.20	0.07779	0.92221	4.42
67.5	286,403.96	21,917.70	0.07653	0.92347	4.08
68.5	279,124.26	52,244.64	0.18717	0.81283	3.76
69.5	250,616.62	35,463.26	0.14150	0.85850	3.06
70.5	226,725.36	46,711.07	0.20602	0.79398	2.63
71.5	182,296.29	32,692.91	0.17934	0.82066	2.09
72.5	157,208.38	33,905.13	0.21567	0.78433	1.71
73.5	130,613.25	15,884.63	0.12162	0.87838	1.34
74.5	172,194.62	9,023.12	0.05240	0.94760	1.18
75.5	163,171.50	10,552.61	0.06467	0.93533	1.12
76.5	152,618.89	13,704.64	0.08980	0.91020	1.05
77.5	138,914.25	73,979.54	0.53256	0.46744	0.95
78.5	64,934.71	21,487.51	0.33091	0.66909	0.45
79.5	43,447.20	31,620.48	0.72779	0.27221	0.30
80.5	11,826.72	11,826.72	1.00000	0.00000	0.08
81.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: G382.00-Meter & Reg Instllns
 Placement Band: 1961 - 2020

Observed Life Table
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 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	116,178,264.64	12,758.00	0.00011	0.99989	100.00
0.5	109,942,939.02	118,084.35	0.00107	0.99893	99.99
1.5	103,693,503.47	227,439.61	0.00219	0.99781	99.88
2.5	99,557,563.54	252,558.15	0.00254	0.99746	99.66
3.5	91,072,766.18	2,690,127.85	0.02954	0.97046	99.41
4.5	87,825,440.87	487,582.86	0.00555	0.99445	96.47
5.5	84,072,250.85	733,917.22	0.00873	0.99127	95.94
6.5	80,396,589.78	614,405.56	0.00764	0.99236	95.10
7.5	77,820,586.84	556,257.25	0.00715	0.99285	94.37
8.5	74,511,400.11	988,797.60	0.01327	0.98673	93.70
9.5	71,628,208.26	1,201,360.58	0.01677	0.98323	92.46
10.5	68,444,928.23	1,237,368.06	0.01808	0.98192	90.91
11.5	64,577,157.12	1,278,101.32	0.01979	0.98021	89.26
12.5	61,630,987.49	816,809.86	0.01325	0.98675	87.50
13.5	58,925,620.89	596,019.69	0.01011	0.98989	86.34
14.5	56,213,219.96	645,634.10	0.01149	0.98851	85.46
15.5	53,349,514.32	542,012.18	0.01016	0.98984	84.48
16.5	50,699,322.61	473,824.96	0.00935	0.99065	83.62
17.5	48,501,044.84	458,666.89	0.00946	0.99054	82.84
18.5	46,232,845.87	563,769.08	0.01219	0.98781	82.06
19.5	43,936,160.15	866,524.29	0.01972	0.98028	81.06
20.5	41,597,398.99	859,140.77	0.02065	0.97935	79.46
21.5	38,963,477.98	1,191,510.81	0.03058	0.96942	77.82
22.5	36,010,313.31	938,901.94	0.02607	0.97393	75.44
23.5	34,103,189.85	911,222.08	0.02672	0.97328	73.47
24.5	31,952,936.56	2,268,166.97	0.07098	0.92902	71.51
25.5	27,842,020.38	2,493,199.79	0.08955	0.91045	66.43
26.5	23,510,731.82	1,226,128.83	0.05215	0.94785	60.48
27.5	20,765,860.65	918,462.14	0.04423	0.95577	57.33
28.5	18,095,246.05	589,067.52	0.03255	0.96745	54.79
29.5	15,522,383.58	592,679.54	0.03818	0.96182	53.01
30.5	13,405,105.64	707,256.76	0.05276	0.94724	50.99
31.5	10,894,269.98	758,466.15	0.06962	0.93038	48.30
32.5	8,629,320.28	1,398,484.61	0.16206	0.83794	44.93
33.5	6,851,103.40	677,881.02	0.09894	0.90106	37.65
34.5	4,532,746.16	215,055.63	0.04744	0.95256	33.93
35.5	4,310,123.27	104,927.68	0.02434	0.97566	32.32
36.5	4,205,195.59	84,840.54	0.02018	0.97982	31.53
37.5	3,221,672.95	98,964.59	0.03072	0.96928	30.89
38.5	2,692,369.33	88,894.18	0.03302	0.96698	29.95
39.5	1,999,105.42	107,348.94	0.05370	0.94630	28.96
40.5	1,194,604.14	105,724.53	0.08850	0.91150	27.40
41.5	744,866.44	48,995.28	0.06578	0.93422	24.98
42.5	664,525.87	143,347.60	0.21571	0.78429	23.33
43.5	521,178.27	90,653.37	0.17394	0.82606	18.30
44.5	430,524.90	132,169.27	0.30700	0.69300	15.12
45.5	298,238.15	22,252.98	0.07461	0.92539	10.48
46.5	275,985.17	105,648.90	0.38281	0.61719	9.69
47.5	170,336.27	169,872.07	0.99727	0.00273	5.98
48.5	464.20	222.86	0.48009	0.51991	0.02
49.5	241.34	241.34	1.00000	0.00000	0.01
50.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: G382.00-Meter & Reg Instllns
 Placement Band: 1961 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	88,158,305.92	1,074.00	0.00001	0.99999	100.00
0.5	83,862,565.17	55,259.35	0.00066	0.99934	100.00
1.5	80,137,416.21	136,860.61	0.00171	0.99829	99.93
2.5	78,502,982.73	182,925.15	0.00233	0.99767	99.76
3.5	72,470,924.70	2,629,729.85	0.03629	0.96371	99.53
4.5	71,745,921.04	428,827.86	0.00598	0.99402	95.92
5.5	70,404,436.93	686,638.22	0.00975	0.99025	95.34
6.5	68,487,570.11	555,563.56	0.00811	0.99189	94.41
7.5	67,040,336.04	525,164.25	0.00783	0.99217	93.65
8.5	64,538,977.91	945,866.60	0.01466	0.98534	92.92
9.5	62,536,430.76	1,174,830.58	0.01879	0.98121	91.55
10.5	60,252,459.47	1,197,109.06	0.01987	0.98013	89.83
11.5	57,367,640.95	1,255,482.32	0.02188	0.97812	88.05
12.5	55,248,521.55	790,687.86	0.01431	0.98569	86.12
13.5	53,406,723.01	576,452.69	0.01079	0.98921	84.89
14.5	51,392,789.40	626,640.10	0.01219	0.98781	83.97
15.5	48,973,458.69	511,492.18	0.01044	0.98956	82.95
16.5	46,840,834.96	453,254.96	0.00968	0.99032	82.08
17.5	45,219,567.43	446,567.89	0.00988	0.99012	81.29
18.5	43,403,671.51	544,230.08	0.01254	0.98746	80.49
19.5	41,522,617.19	838,639.29	0.02020	0.97980	79.48
20.5	39,499,770.23	826,805.77	0.02093	0.97907	77.87
21.5	37,165,094.44	1,168,504.81	0.03144	0.96856	76.24
22.5	34,495,076.77	918,269.94	0.02662	0.97338	73.85
23.5	32,829,917.88	897,808.08	0.02735	0.97265	71.88
24.5	30,853,635.91	2,256,179.97	0.07313	0.92687	69.91
25.5	26,955,959.41	2,484,900.79	0.09218	0.90782	64.80
26.5	22,882,537.01	1,220,072.83	0.05332	0.94668	58.83
27.5	20,357,402.87	913,905.14	0.04489	0.95511	55.69
28.5	17,886,240.30	587,433.52	0.03284	0.96716	53.19
29.5	15,522,383.58	592,679.54	0.03818	0.96182	51.44
30.5	13,405,105.64	707,256.76	0.05276	0.94724	49.48
31.5	10,894,269.98	758,466.15	0.06962	0.93038	46.87
32.5	8,629,320.28	1,398,484.61	0.16206	0.83794	43.61
33.5	6,851,103.40	677,881.02	0.09894	0.90106	36.54
34.5	4,532,746.16	215,055.63	0.04744	0.95256	32.92
35.5	4,310,123.27	104,927.68	0.02434	0.97566	31.36
36.5	4,205,195.59	84,840.54	0.02018	0.97982	30.60
37.5	3,221,672.95	98,964.59	0.03072	0.96928	29.98
38.5	2,692,369.33	88,894.18	0.03302	0.96698	29.06
39.5	1,999,105.42	107,348.94	0.05370	0.94630	28.10
40.5	1,194,604.14	105,724.53	0.08850	0.91150	26.59
41.5	744,866.44	48,995.28	0.06578	0.93422	24.24
42.5	664,525.87	143,347.60	0.21571	0.78429	22.64
43.5	521,178.27	90,653.37	0.17394	0.82606	17.76
44.5	430,524.90	132,169.27	0.30700	0.69300	14.67
45.5	298,238.15	22,252.98	0.07461	0.92539	10.17
46.5	275,985.17	105,648.90	0.38281	0.61719	9.41
47.5	170,336.27	169,872.07	0.99727	0.00273	5.81
48.5	464.20	222.86	0.48009	0.51991	0.02
49.5	241.34	241.34	1.00000	0.00000	0.01
50.5	0.00	0.00	0.00000	1.00000	0.00

Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: G382.00-Meter & Reg Instllns

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	88,158,305.92	1,074.00	0.00001	0.99999	100.00
0.5	81,934,664.30	55,070.35	0.00067	0.99933	100.00
1.5	75,866,215.75	136,456.61	0.00180	0.99820	99.93
2.5	71,863,918.82	180,975.15	0.00252	0.99748	99.75
3.5	63,450,704.46	2,626,816.85	0.04140	0.95860	99.50
4.5	60,266,690.15	426,582.86	0.00708	0.99292	95.38
5.5	56,574,500.13	684,125.22	0.01209	0.98791	94.71
6.5	52,948,631.06	546,311.56	0.01032	0.98968	93.56
7.5	50,440,722.12	509,966.25	0.01011	0.98989	92.60
8.5	47,177,826.39	932,347.74	0.01976	0.98024	91.66
9.5	44,351,084.40	1,124,341.69	0.02535	0.97465	89.85
10.5	41,244,823.26	1,145,467.19	0.02777	0.97223	87.57
11.5	37,468,953.02	1,231,745.79	0.03287	0.96713	85.14
12.5	34,569,138.92	744,544.80	0.02154	0.97846	82.34
13.5	31,936,037.38	517,592.41	0.01621	0.98379	80.57
14.5	29,302,063.73	523,208.70	0.01786	0.98214	79.26
15.5	26,560,783.49	400,430.23	0.01508	0.98492	77.84
16.5	24,052,173.73	292,022.20	0.01214	0.98786	76.67
17.5	22,044,898.72	265,847.39	0.01206	0.98794	75.74
18.5	19,969,519.25	290,467.03	0.01455	0.98545	74.83
19.5	17,946,135.58	378,573.29	0.02109	0.97891	73.74
20.5	16,095,325.42	283,555.09	0.01762	0.98238	72.18
21.5	14,036,990.09	240,298.35	0.01712	0.98288	70.91
22.5	12,035,037.88	239,172.36	0.01987	0.98013	69.70
23.5	10,827,644.00	157,438.20	0.01454	0.98546	68.31
24.5	9,431,174.59	143,745.57	0.01524	0.98476	67.32
25.5	7,444,679.81	121,330.48	0.01630	0.98370	66.29
26.5	5,485,260.56	78,797.38	0.01437	0.98563	65.21
27.5	3,887,720.84	79,380.99	0.02042	0.97958	64.27
28.5	2,056,187.39	72,392.44	0.03521	0.96479	62.96
29.5	0.00	0.00	0.00000	0.00000	60.75

Actuarial Life Analysis

Account: G382.00-Meter & Reg Instllns
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1916 - 1951
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -1951	35.5	82.52	0.00971053	R0.5	67.67
1948 -1952	36.5	82.92	0.00634630	R0.5	75.54
1949 -1953	37.5	83.44	0.00446235	R0.5	83.65
1950 -1954	38.5	82.78	0.00435199	R0.5	83.07
1951 -1955	39.5	80.53	0.00699952	R0.5	72.95
1952 -1956	40.5	73.43	0.04146672	R0.5	53.58
1953 -1957	41.5	73.29	0.03793276	R0.5	55.35
1954 -1958	42.5	72.17	0.04089794	R0.5	54.87
1955 -1959	43.5	67.64	0.03168720	R0.5	52.49
1956 -1960	44.5	66.98	0.02551720	R0.5	53.81
1957 -1961	45.5	71.89	0.00550467	L0	75.87
1958 -1962	46.5	71.69	0.00669000	L0	75.97
1959 -1963	47.5	71.59	0.00852245	L0	76.19
1960 -1964	48.5	73.00	0.01379546	R0.5	69.78
1961 -1965	49.5	72.01	0.01010618	R0.5	70.22
1962 -1966	50.5	71.70	0.00875612	R0.5	70.88
1963 -1967	51.5	71.94	0.00783776	R0.5	72.32
1964 -1968	52.5	70.85	0.00903367	R0.5	69.96
1965 -1969	53.5	70.71	0.01013967	R0.5	70.61
1966 -1970	54.5	73.35	0.01554581	R0.5	74.65
1967 -1971	55.5	71.94	0.02113357	R0.5	72.24
1968 -1972	56.5	72.99	0.02150708	R0.5	75.61
1969 -1973	57.5	74.47	0.01661585	R0.5	81.51
1970 -1974	58.5	76.86	0.01740568	R0.5	89.09
1971 -1975	59.5	79.76	0.00905344	R0.5	104.41
1972 -1976	60.5	83.74	0.00683608	R0.5	127.87
1973 -1977	61.5	85.02	0.00788389	R0.5	137.62
1974 -1978	62.5	85.59	0.00844727	R0.5	143.68
1975 -1979	63.5	85.92	0.00648479	R0.5	151.44
1976 -1980	64.5	85.27	0.00806859	R0.5	146.40
1977 -1981	65.5	85.53	0.00780784	R0.5	151.43
1978 -1982	66.5	86.51	0.00699179	R0.5	163.95
1979 -1983	67.5	86.85	0.00611701	R0.5	171.79
1980 -1984	68.5	85.69	0.00604011	R0.5	163.14
1981 -1985	69.5	82.86	0.00574009	R0.5	144.28
1982 -1986	70.5	81.93	0.00680737	R0.5	139.03
1983 -1987	71.5	79.24	0.01070672	R0.5	123.44
1984 -1988	72.5	78.69	0.01099736	R0.5	122.78
1985 -1989	73.5	71.50	0.01774325	R0.5	97.30
1986 -1990	74.5	67.71	0.06860692	R0.5	84.98
1987 -1991	75.5	56.52	0.41931541	L0	70.56
1988 -1992	76.5	51.50	0.72903211	L0	62.41
1989 -1993	77.5	37.48	1.34448262	L0	47.38
1990 -1994	78.5	0.00	1.41335725	L0	36.74

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G382.00-Meter & Reg Instllns
Scenario: SDGE Actuarial @ 2020
Placement Band: 1916 - 1995
Function: Survivorship Annual Rate Method
Weighting: Unweighted
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1991 -1995	79.5	0.00	1.42036738	L1.5	33.44
1992 -1996	80.5	0.00	1.37476054	L2	33.48
1993 -1997	81.5	0.00	1.24079715	L2	32.86
1994 -1998	82.5	0.00	1.15006443	L2	34.85
1995 -1999	83.5	13.91	1.38692725	L1.5	38.64
1996 -2000	84.5	11.86	1.26803462	L2	38.07
1997 -2001	85.5	7.66	0.99883775	L2	36.58
1998 -2002	86.5	5.59	0.77293917	L3	34.54
1999 -2003	87.5	0.16	0.12627273	R5	29.16
2000 -2004	88.5	0.00	0.12376096	R5	29.26
2001 -2005	89.5	0.00	0.41038763	L3	34.35
2002 -2006	90.5	0.21	0.16049140	R4	29.85
2003 -2007	91.5	0.00	0.27326497	R4	28.38
2004 -2008	92.5	0.00	0.28165085	R3	27.31
2005 -2009	93.5	0.00	0.19854122	R2.5	26.29
2006 -2010	94.5	0.00	0.14644437	R2.5	25.99
2007 -2011	95.5	0.00	0.09726775	R3	25.94
2008 -2012	96.5	0.00	0.07786166	R3	25.60
2009 -2013	97.5	0.00	0.08100085	R3	26.22
2010 -2014	98.5	0.00	0.10895006	L3	28.56
2011 -2015	99.5	0.00	0.21469185	S1	31.07
2012 -2016	100.5	0.00	0.28066497	L1	38.25
2013 -2017	101.5	0.00	0.27075398	S0	41.80
2014 -2018	102.5	26.05	0.82066266	L0	50.57
2015 -2019	103.5	17.68	0.90055811	L0	44.26
2016 -2020	104.5	7.61	0.86449027	L0	29.45

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G382.00-Meter & Reg Instllns

Scenario: SDGE Actuarial @ 2020

Placement Band: 1916 - 2020

Function: Survivorship Annual Rate Method

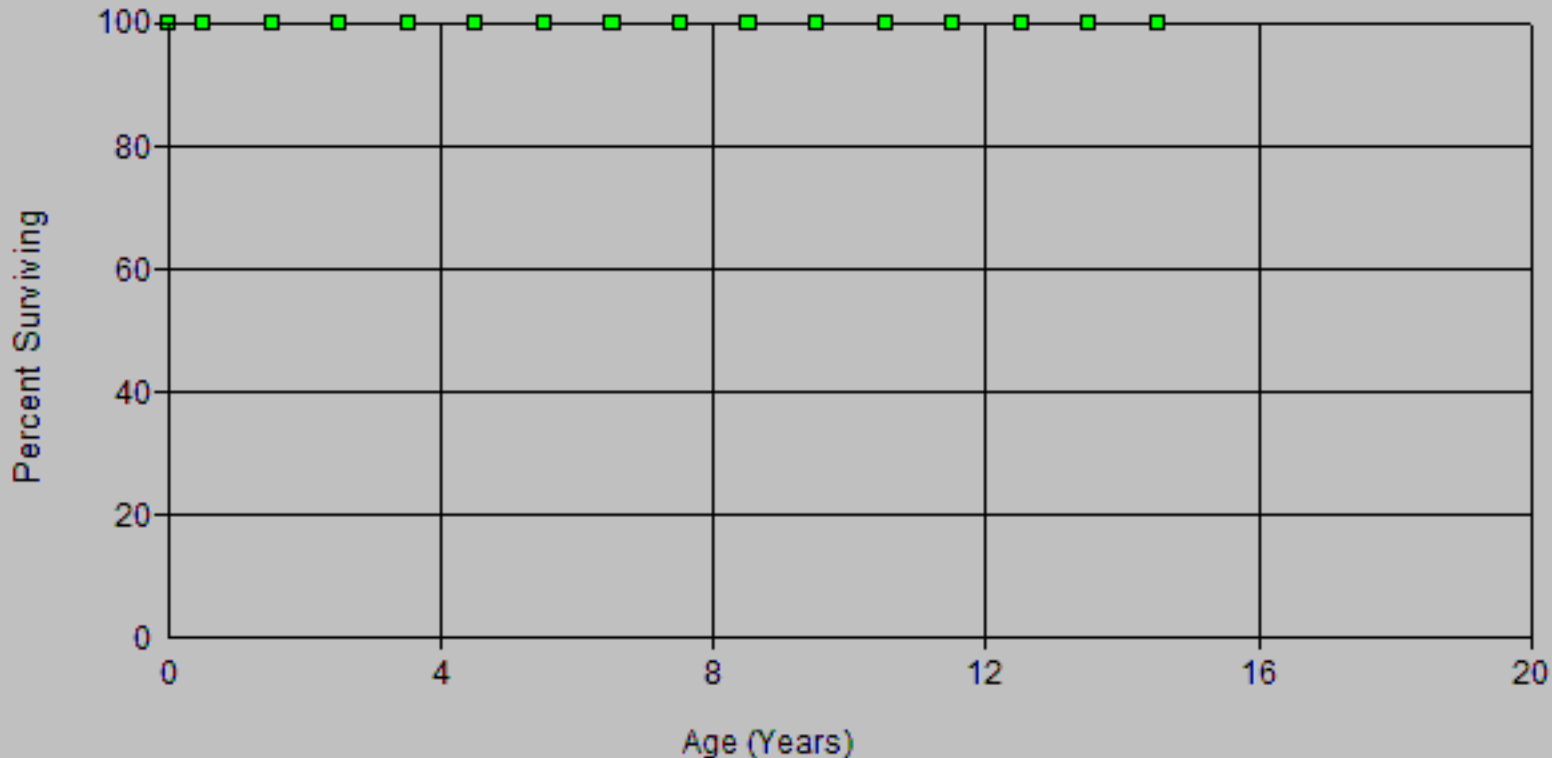
Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1947 -2020	104.5	0.00	0.05572668	L1	35.35
1952 -2020	104.5	0.00	0.05627495	L1	35.31
1957 -2020	104.5	0.00	0.05690107	L1	35.27
1962 -2020	104.5	0.00	0.05709266	L1	35.19
1967 -2020	104.5	0.00	0.05654833	L1	35.08
1972 -2020	104.5	0.00	0.05532531	L1	34.93
1977 -2020	104.5	0.00	0.05650443	L1	34.66
1982 -2020	104.5	0.00	0.05841940	L1	34.24
1987 -2020	104.5	0.00	0.06136116	L1	33.55
1992 -2020	104.5	0.00	0.06833417	L1	32.63
1997 -2020	104.5	0.00	0.07644371	L1	31.39
2002 -2020	104.5	0.00	0.06436057	S0	29.19
2007 -2020	104.5	0.00	0.06274234	R0.5	26.31
2012 -2020	104.5	0.00	0.14293078	L0	29.40
2017 -2020	104.5	6.51	1.07235888	L0	26.24

Account: G382.01-111-Reg-Mod Install
Scenario: SDGE Actuarial @ 2020
SDG&E
2024 GRC - ARF
Depreciation

▲ Actual Data ■ SQ 15.00



Scenario: SDGE Actuarial @ 2020

Account: G382.01-Mtr-Reg-Mod Install

Placement Band: 2008 - 2020

Observation Band: 2012 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,658,597.95	0.00	0.00000	1.00000	100.00
0.5	6,879,694.99	0.00	0.00000	1.00000	100.00
1.5	18,310,060.51	256.67	0.00001	0.99999	100.00
2.5	25,355,629.12	104.71	0.00000	1.00000	100.00
3.5	25,339,992.62	136.55	0.00001	0.99999	100.00
4.5	25,308,434.39	118.82	0.00000	1.00000	100.00
5.5	25,248,308.54	458.72	0.00002	0.99998	100.00
6.5	25,152,408.65	0.00	0.00000	1.00000	100.00
7.5	24,606,988.65	0.00	0.00000	1.00000	100.00
8.5	24,216,104.32	0.00	0.00000	1.00000	100.00
9.5	18,899,762.02	0.00	0.00000	1.00000	100.00
10.5	7,275,865.38	0.00	0.00000	1.00000	100.00
11.5	70,174.00	0.00	0.00000	1.00000	100.00
12.5	0.00	0.00	0.00000	0.00000	100.00

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G382.01-Mtr-Reg-Mod Install

Scenario: SDGE Actuarial @ 2020

Placement Band: 2008 - 2016

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2012 -2016		1.00			
2013 -2017	9.5	99.99	0.00000002	R4	93.43
2014 -2018	10.5	99.97	0.00000034	R4	54.78
2015 -2019	11.5	99.96	0.00000102	R3	211.45
2016 -2020		1.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G382.01-Mtr-Reg-Mod Install

Scenario: SDGE Actuarial @ 2020

Placement Band: 2008 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

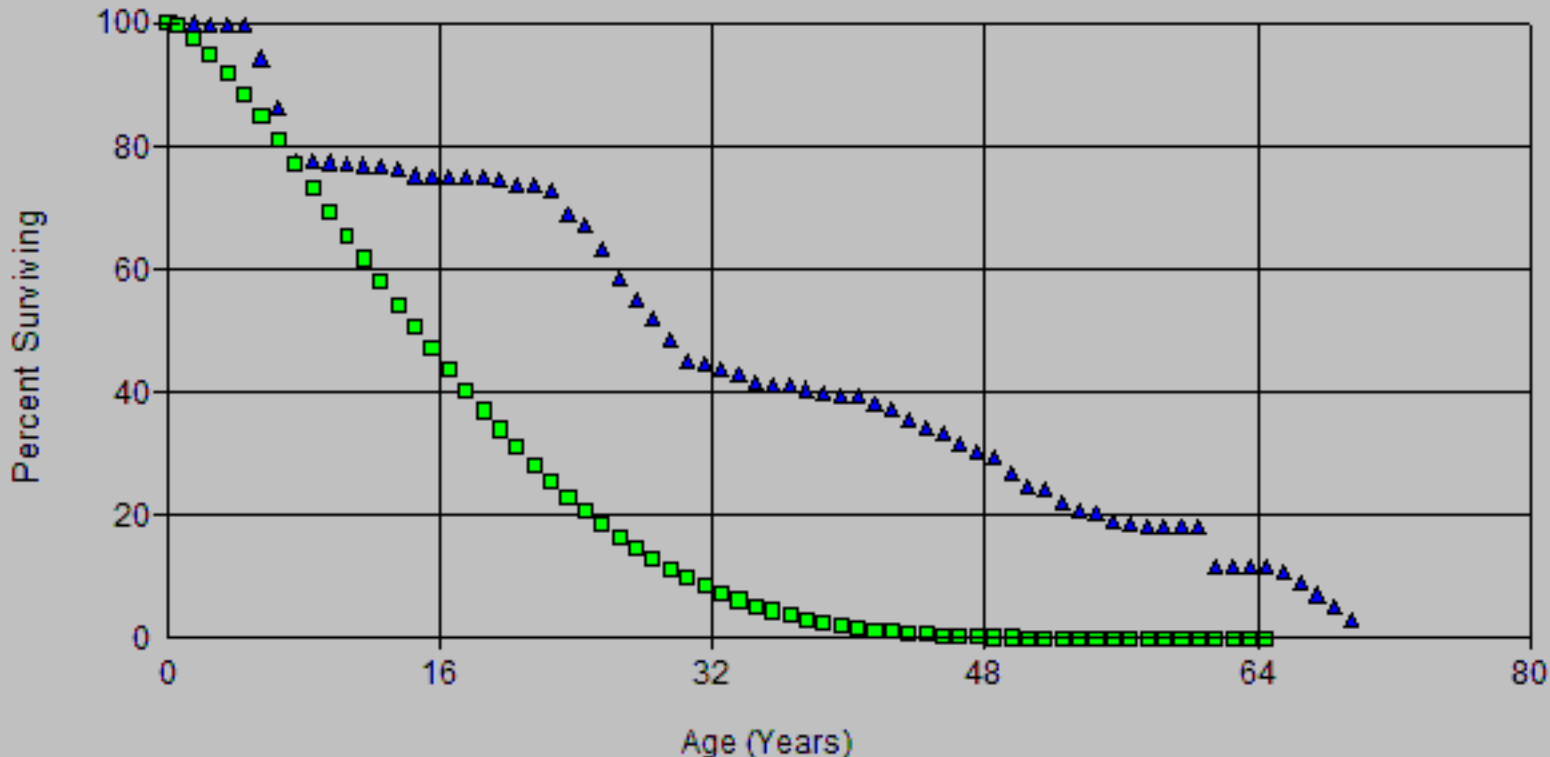
Observation	<u>Censoring</u>		Error Sum	<u>Best Fit</u>	
Band	Age	Percent	<u>of Squares</u>	Disp	ASL
2012 -2020		1.00			
2017 -2020		1.00			

Account: G387.11 - Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

▲ Actual Data

■ L0 16.00

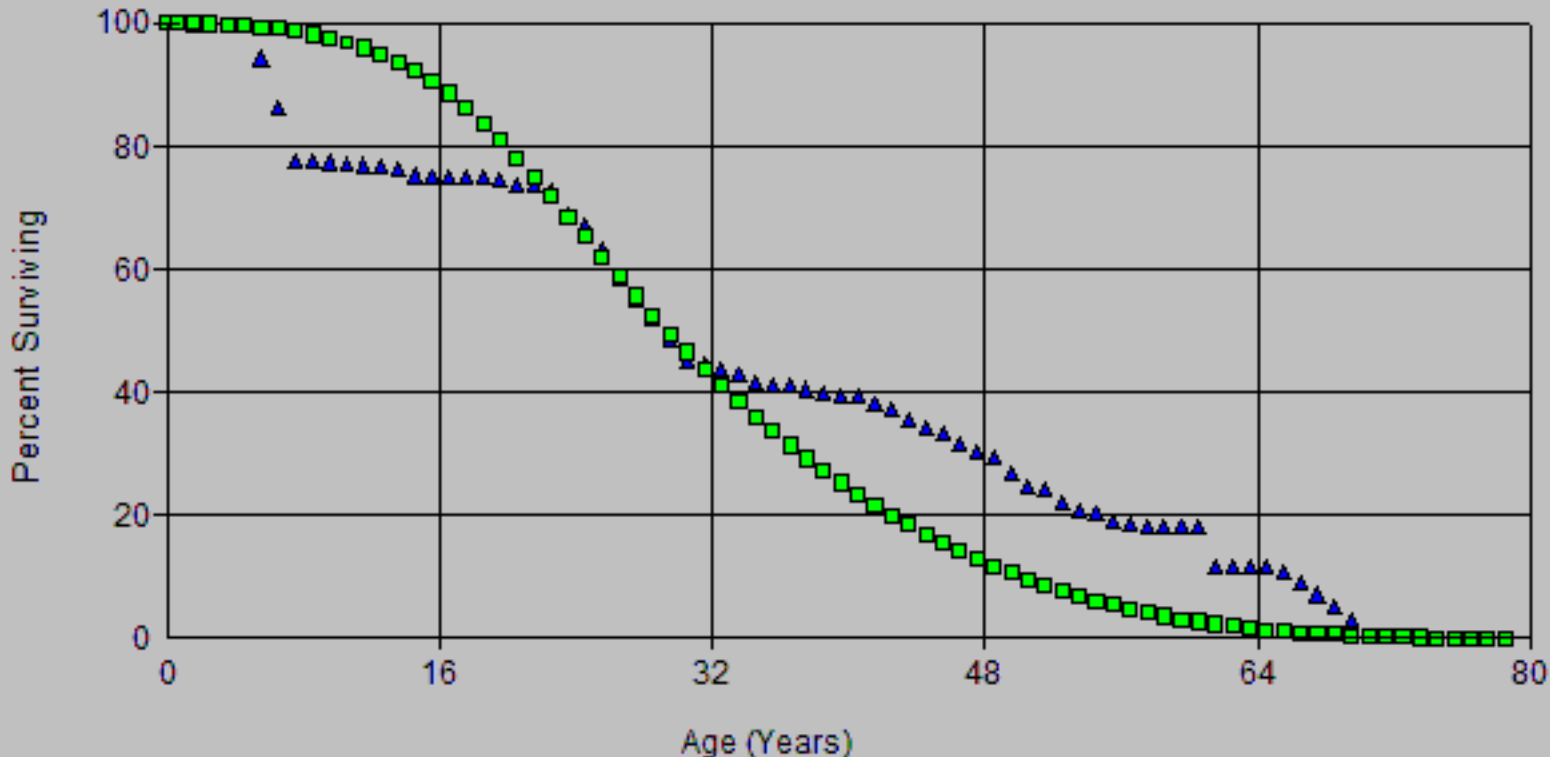


Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

▲ Actual Data

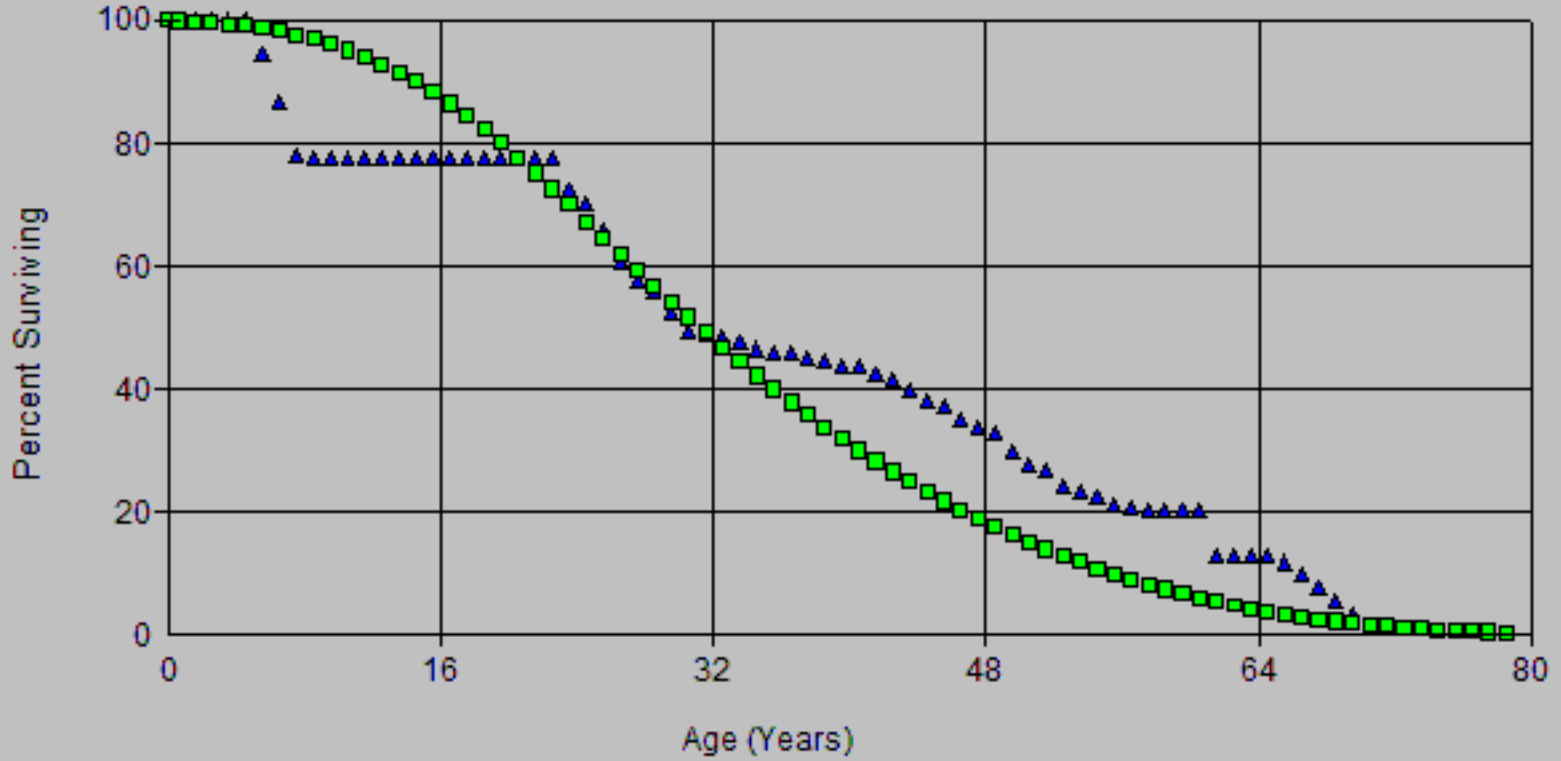
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Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

▲ Actual Data ■ L1.5 33.00

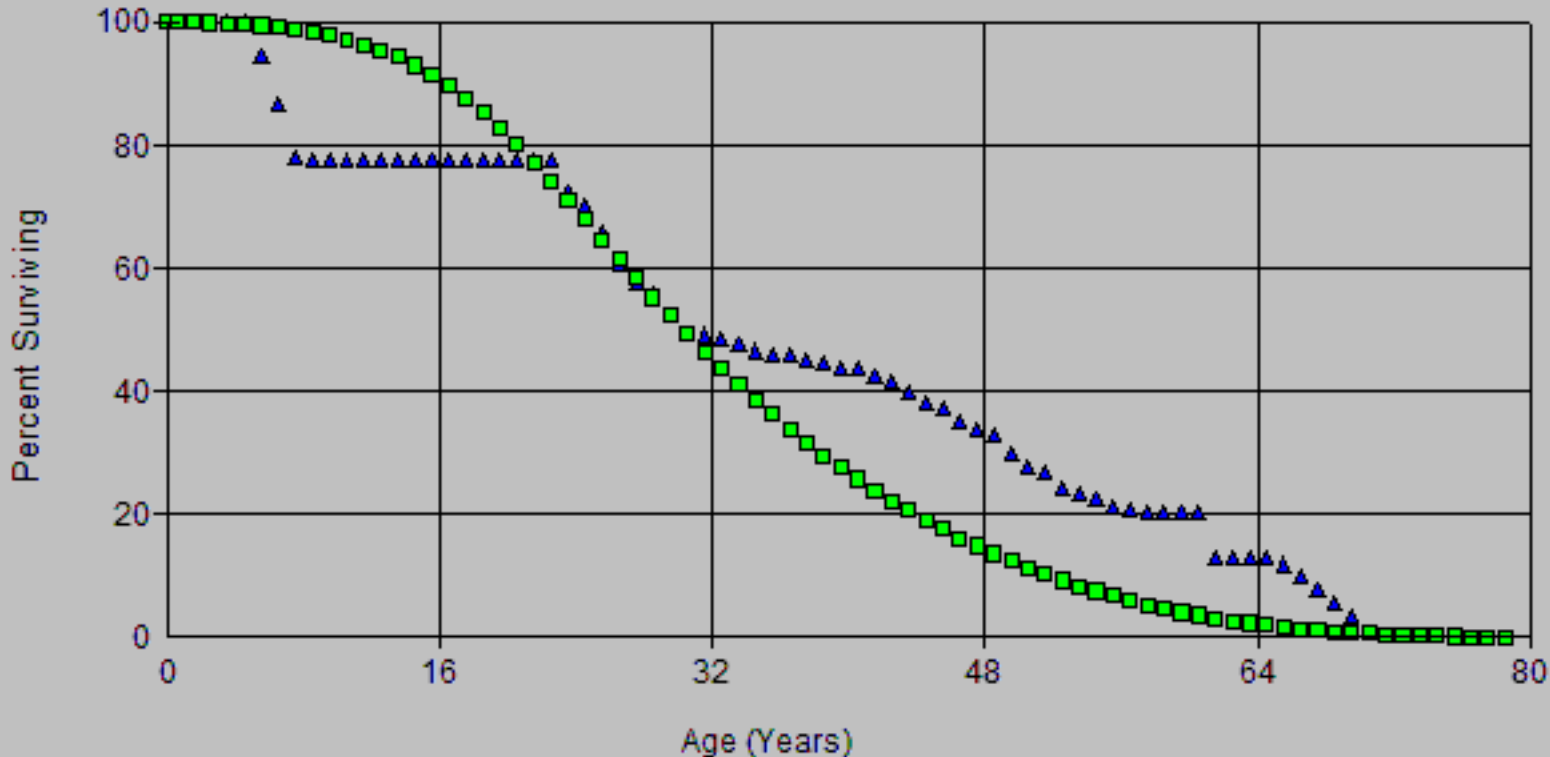


Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

▲ Actual Data

■ L2 32.00

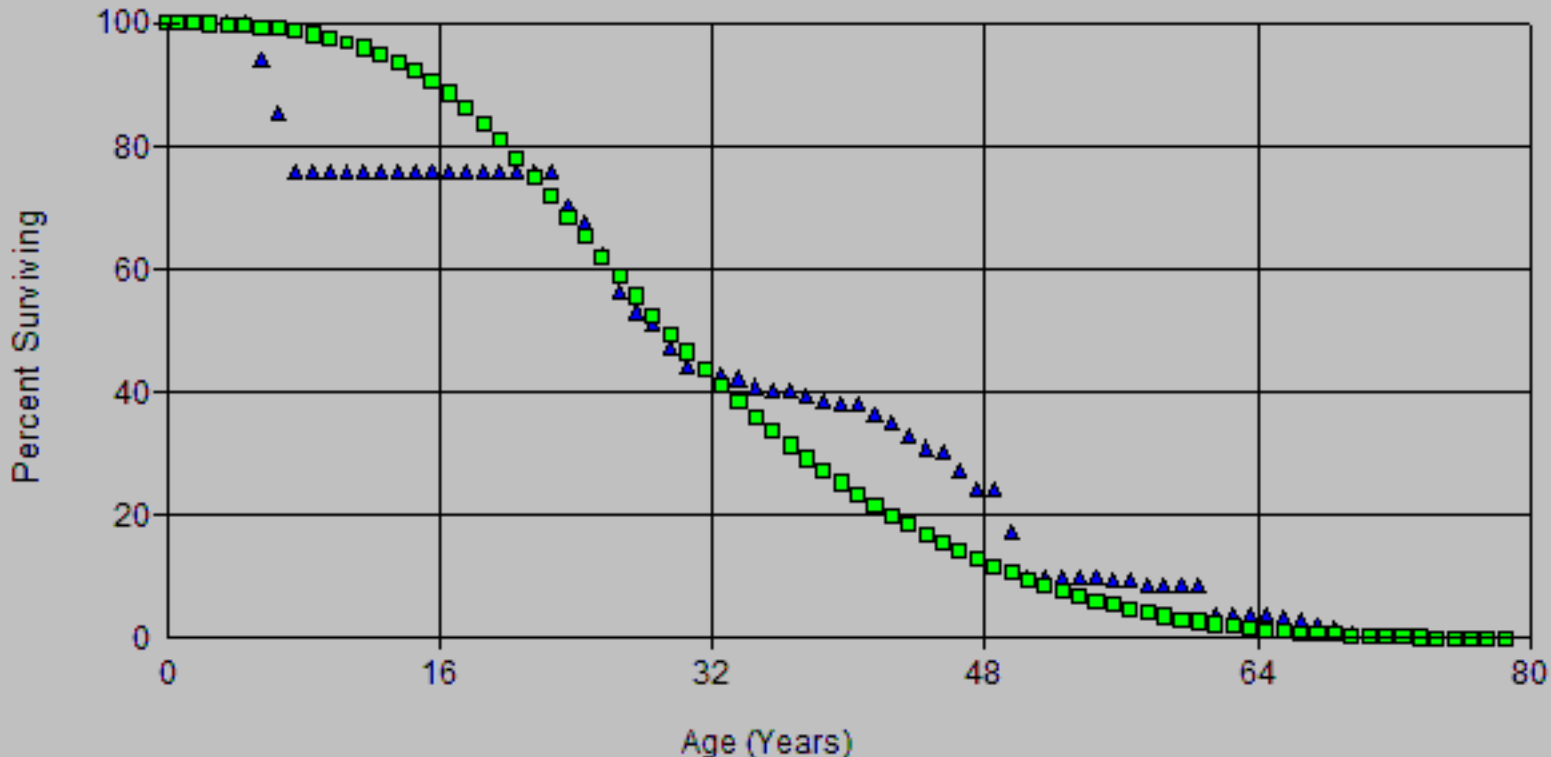


Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

▲ Actual Data

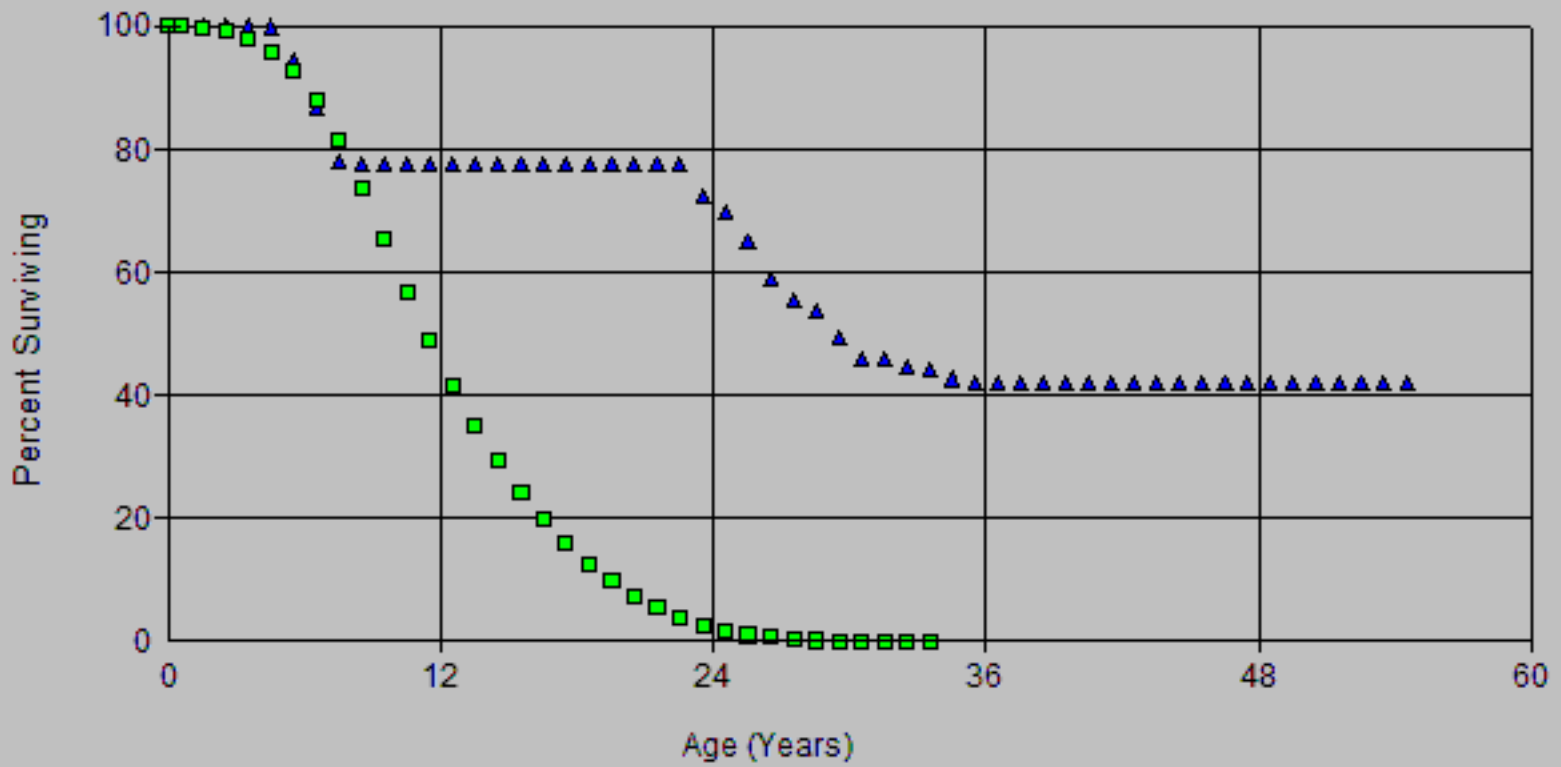
■ L2 31.00



Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

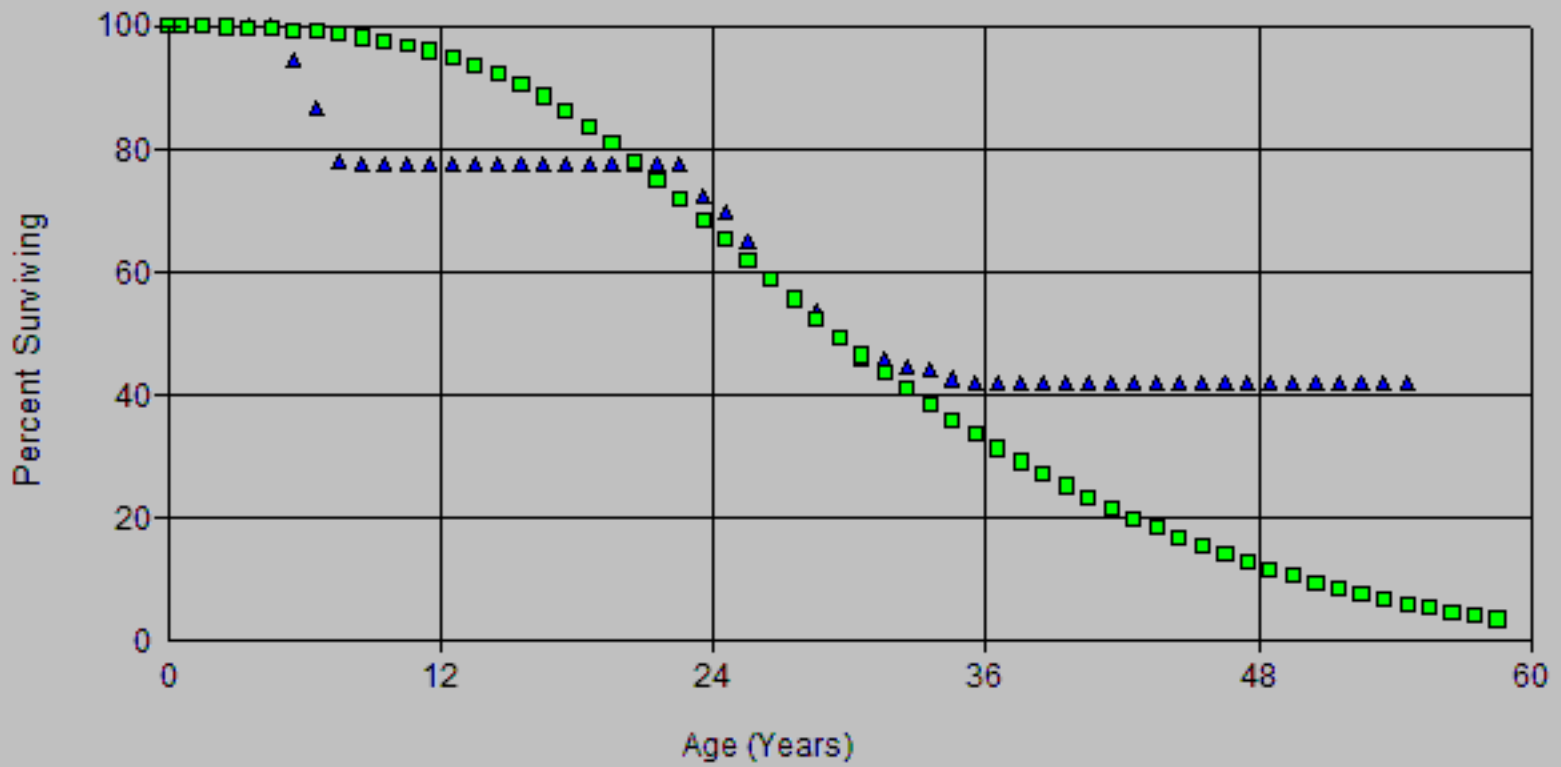
▲ Actual Data ■ L2 12.00



Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CRD / AEP
 Depreciation

▲ Actual Data ■ L2 31.00

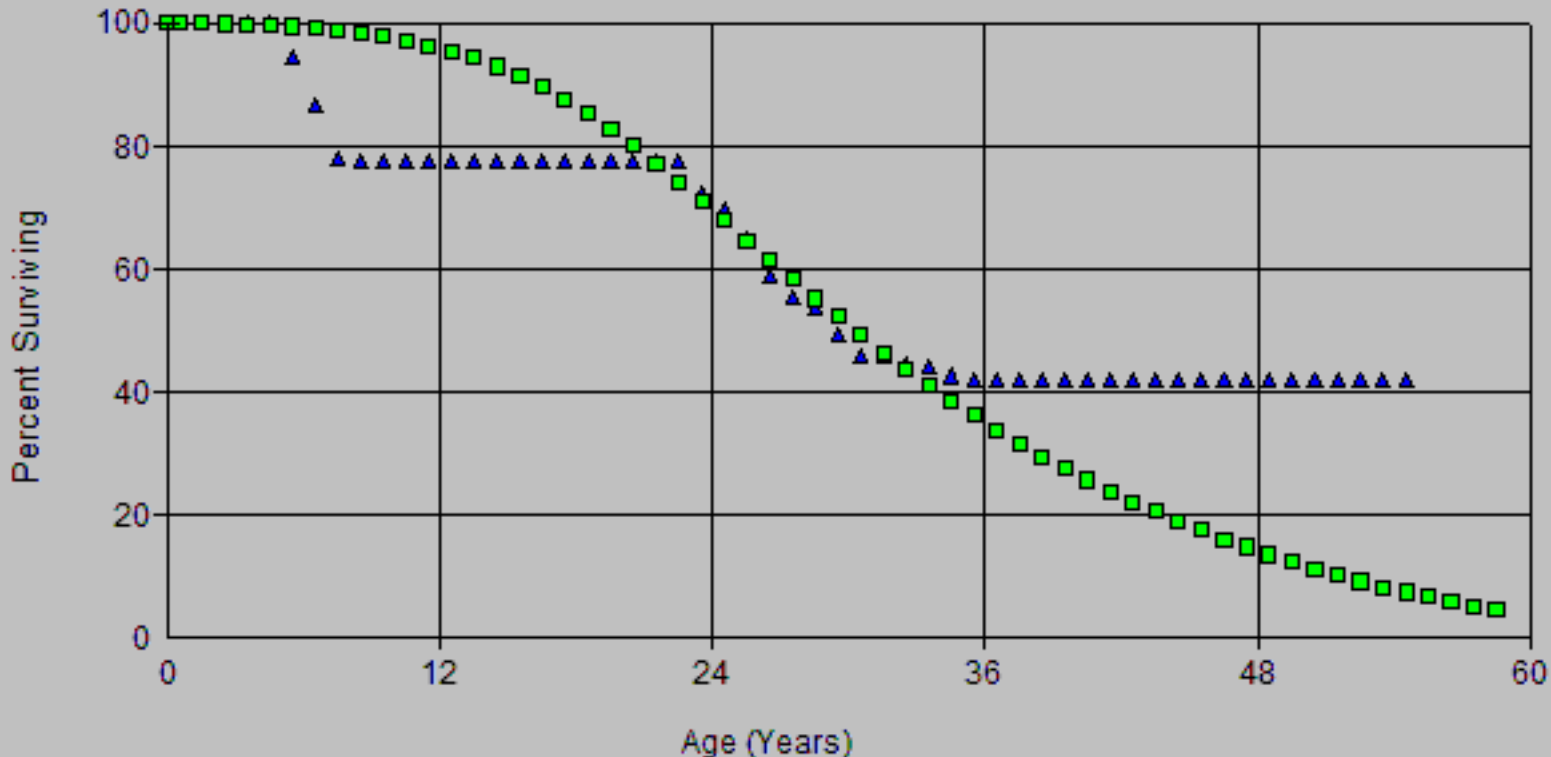


Account: G387.11 Other Equipment
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 CRD / AEP
Depreciation

▲ Actual Data

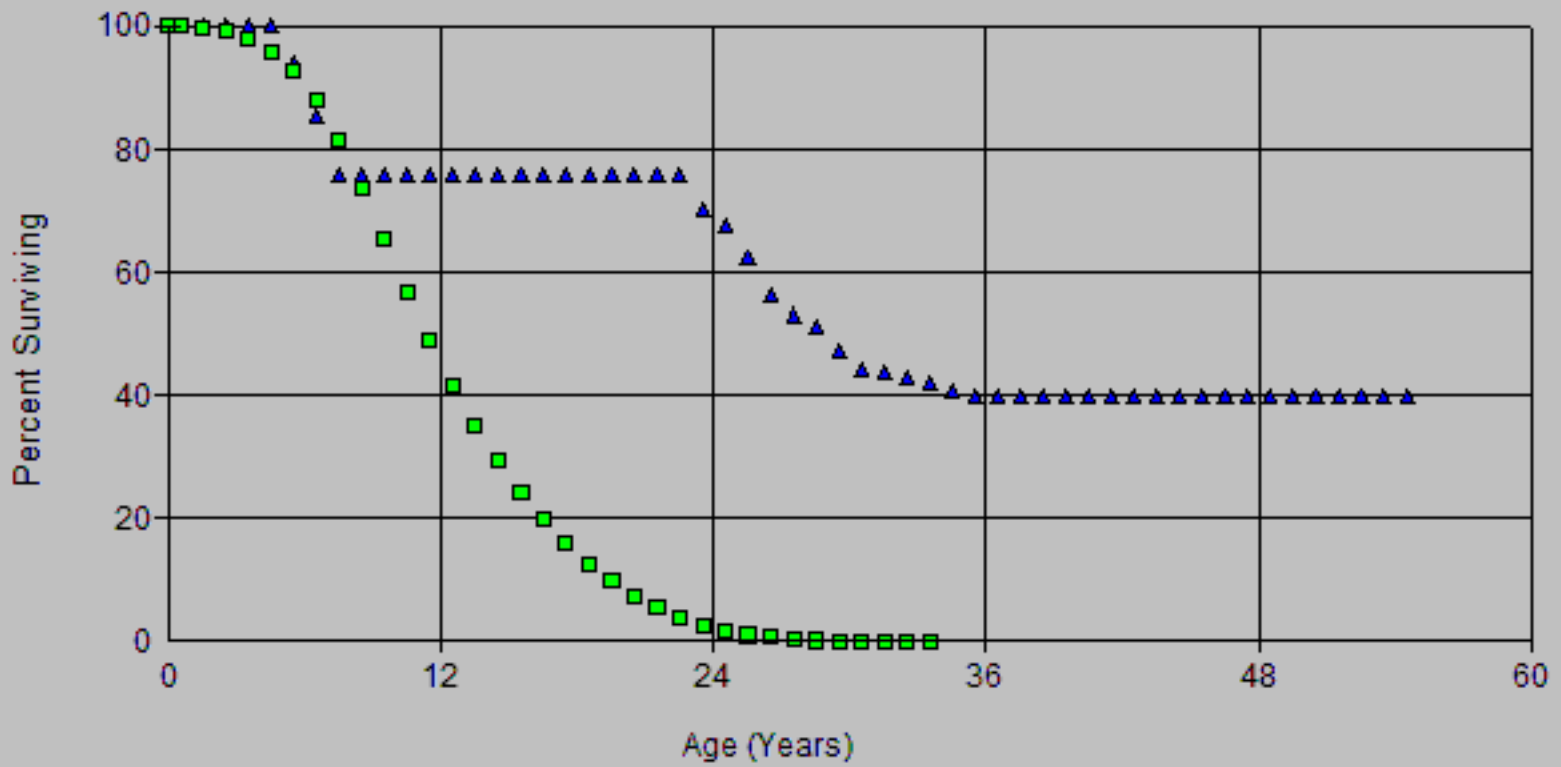
■ L2 32.00



Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

▲ Actual Data ■ L2 12.00

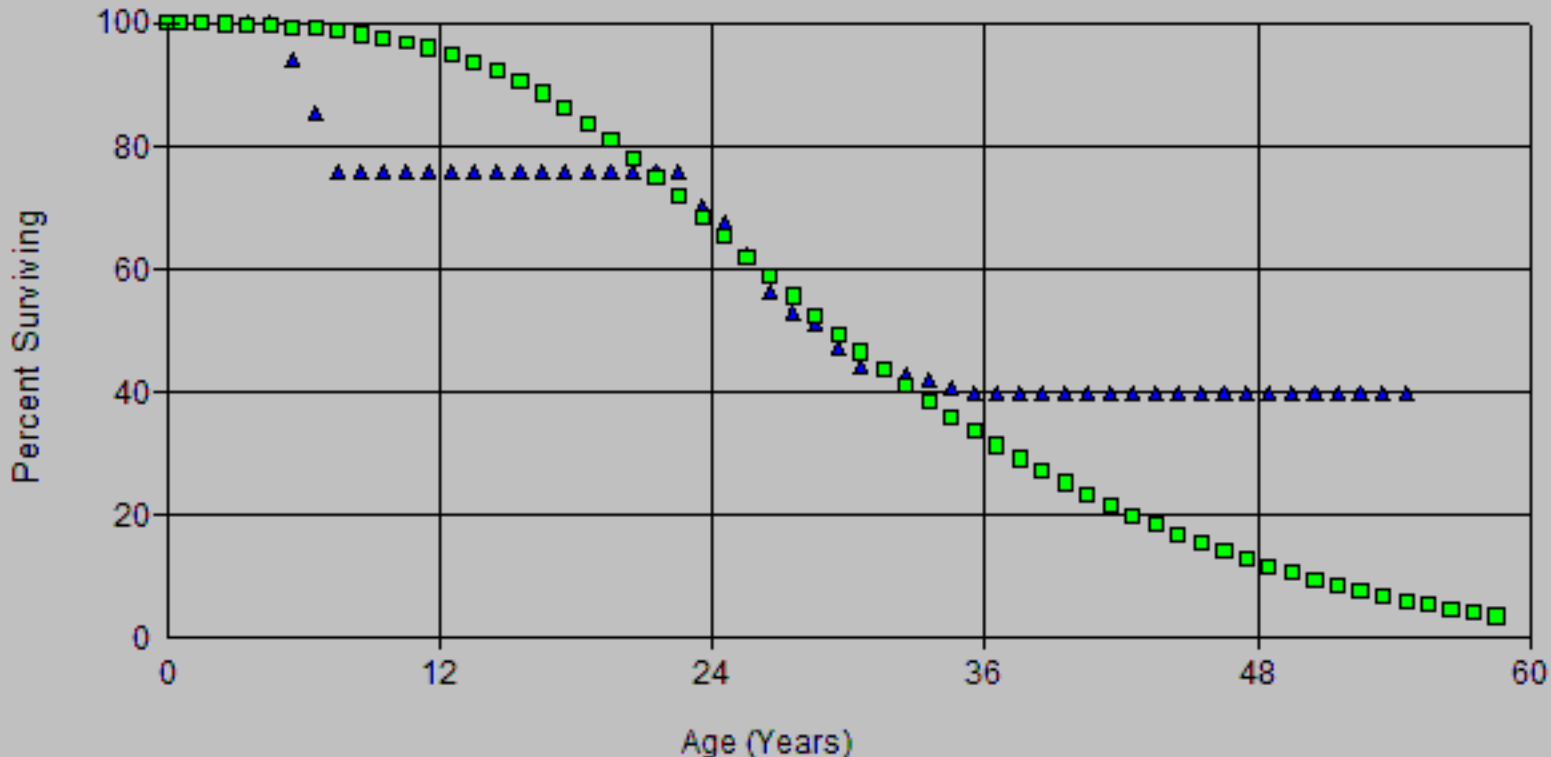


Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

▲ Actual Data

■ L2 31.00

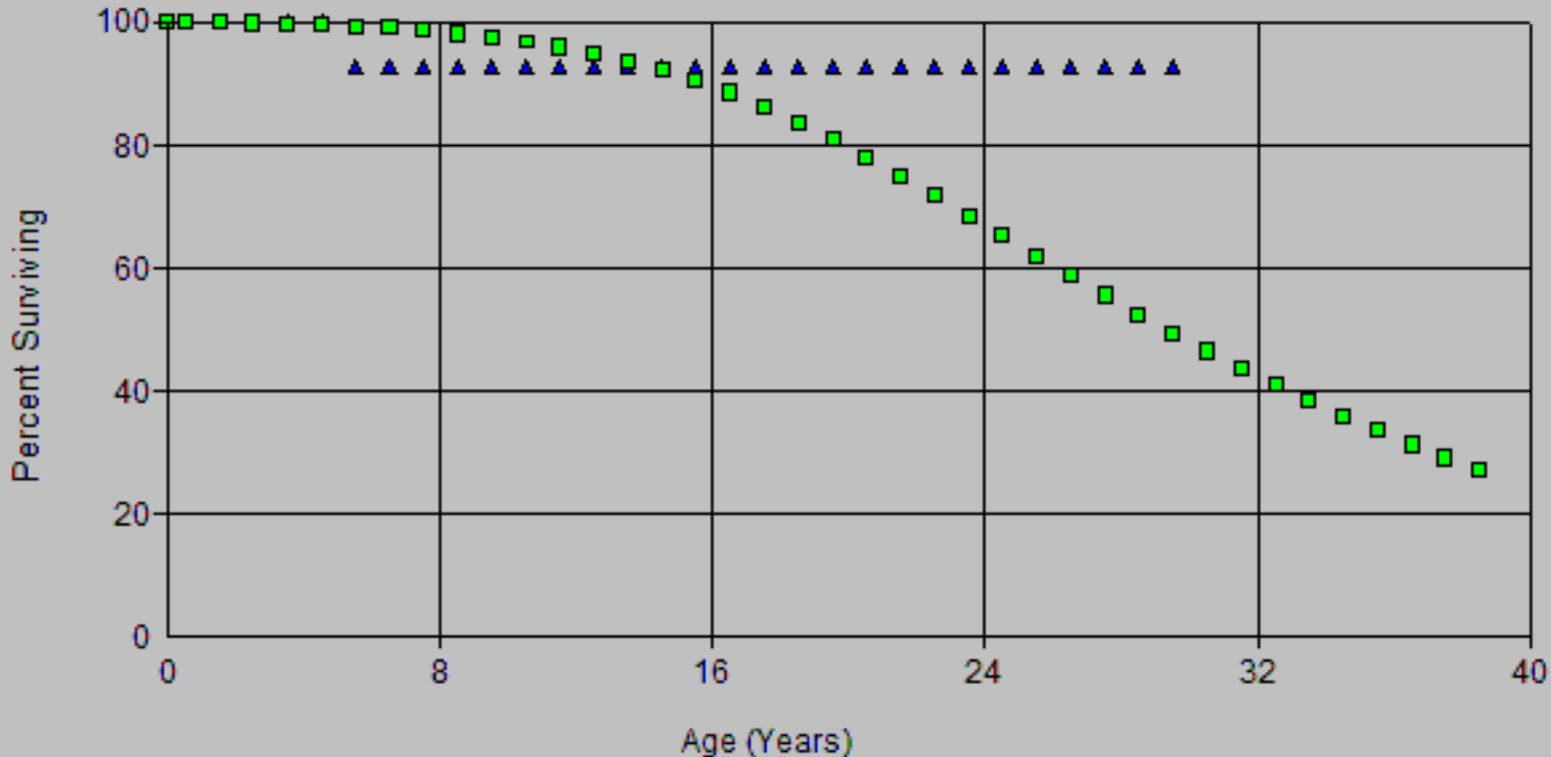


Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 CRD / AEP
 Depreciation

▲ Actual Data

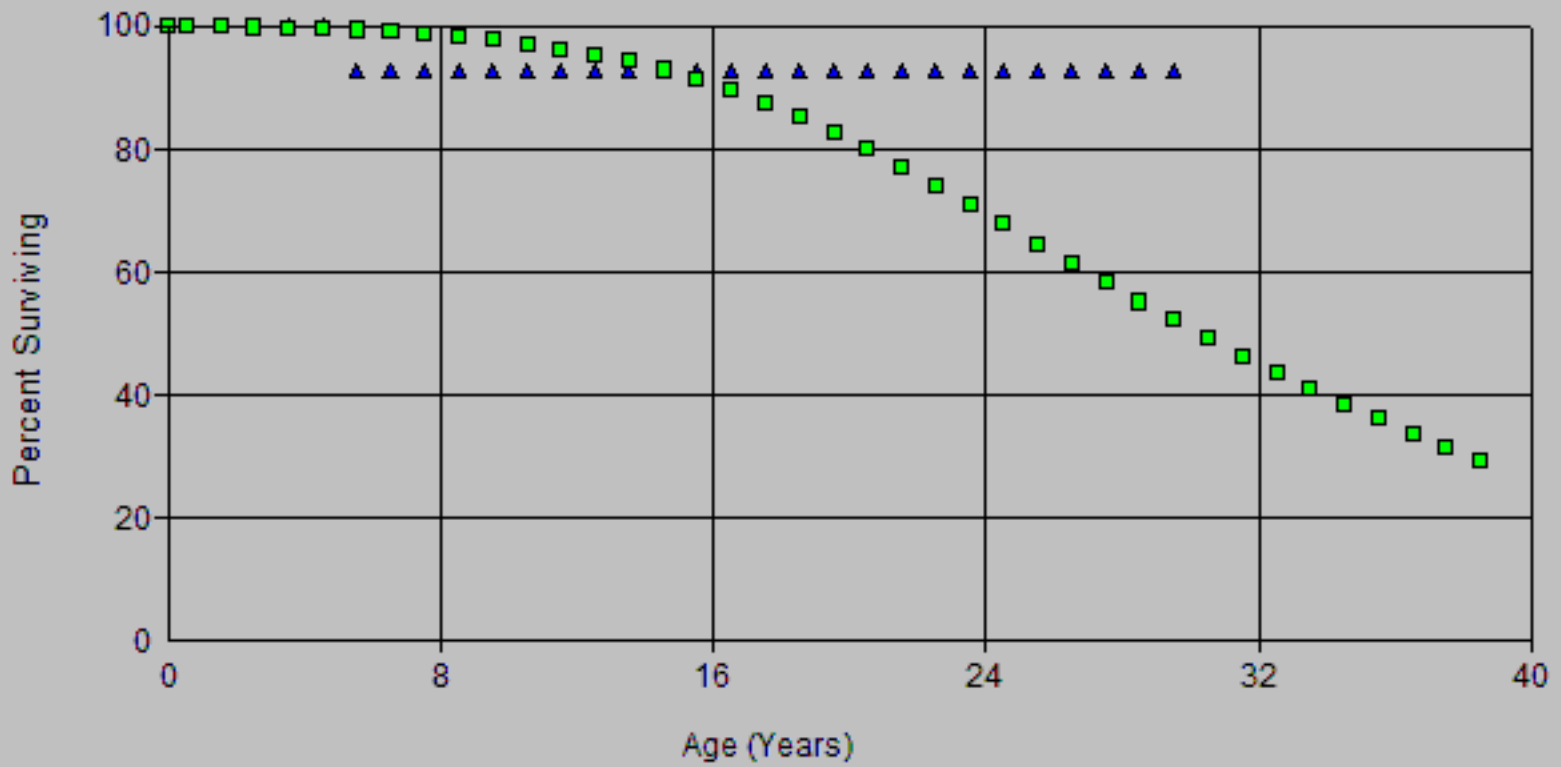
■ L2 31.00



Account: G387.11 Other Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD / AEP
 Depreciation

▲ Actual Data ■ L2 32.00

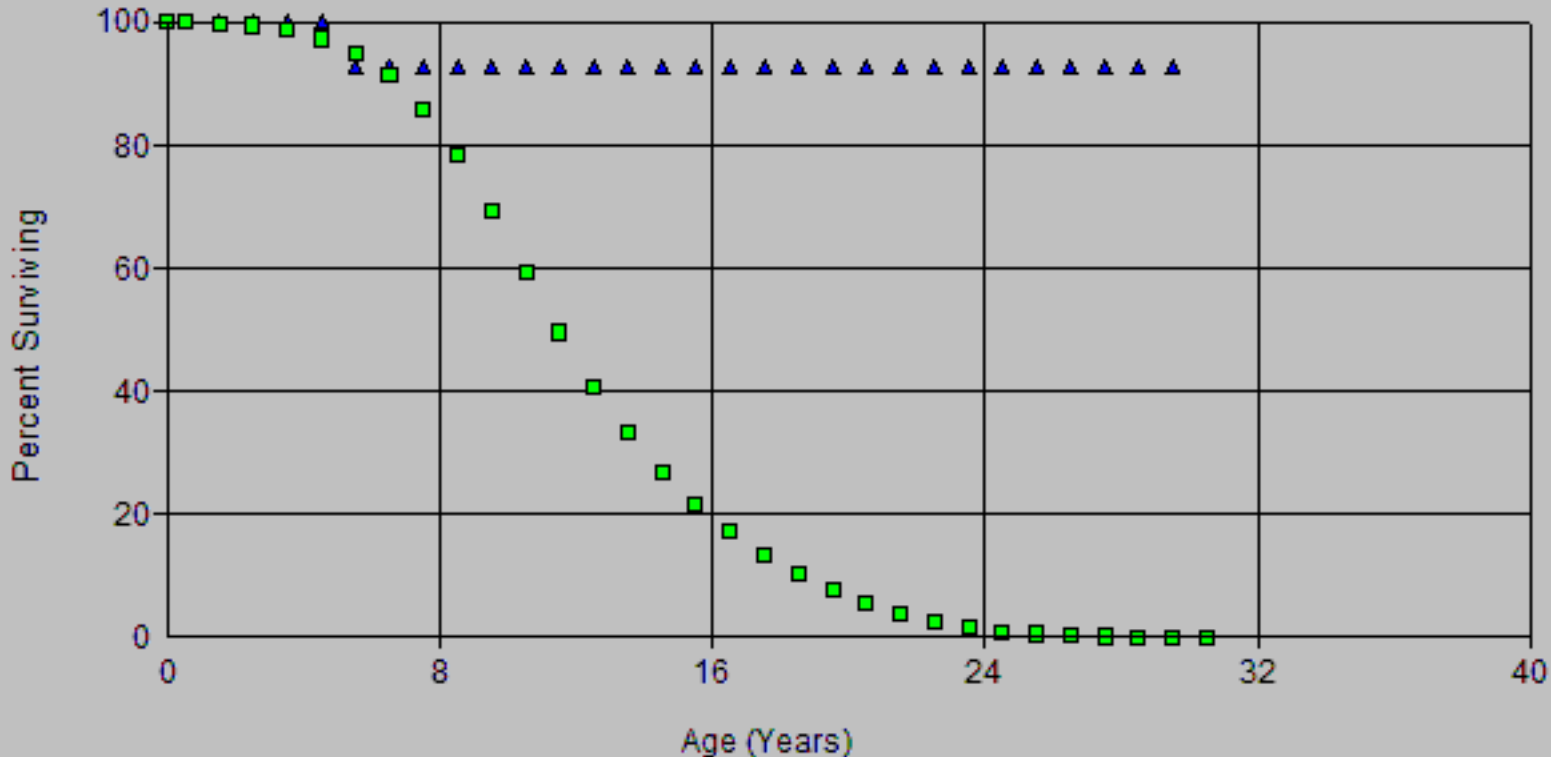


Account: G387.11 Other Equipment
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD / AEP
Depreciation

▲ Actual Data

■ L2.5 12.00



Scenario: SDGE Actuarial @ 2020
Account: G387.11-Other Equipment
Placement Band: 1921 - 2020

Observation Band: 1949 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	2,016,153.98	0.00	0.00000	1.00000	100.00
0.5	1,576,401.38	226.00	0.00014	0.99986	100.00
1.5	1,142,946.26	1,619.00	0.00142	0.99858	99.99
2.5	1,380,252.26	485.00	0.00035	0.99965	99.84
3.5	1,380,416.26	2,920.00	0.00212	0.99788	99.81
4.5	1,378,748.26	72,700.00	0.05273	0.94727	99.60
5.5	1,304,897.26	110,130.00	0.08440	0.91560	94.35
6.5	1,194,995.26	119,228.00	0.09977	0.90023	86.38
7.5	1,077,704.26	4,444.00	0.00412	0.99588	77.76
8.5	1,075,688.26	831.00	0.00077	0.99923	77.44
9.5	1,075,855.26	1,878.00	0.00175	0.99825	77.38
10.5	1,075,303.26	3,205.00	0.00298	0.99702	77.25
11.5	1,009,270.66	2,177.00	0.00216	0.99784	77.02
12.5	348,619.89	2,192.00	0.00629	0.99371	76.85
13.5	247,970.02	3,746.00	0.01511	0.98489	76.37
14.5	244,361.02	213.00	0.00087	0.99913	75.22
15.5	245,244.02	393.00	0.00160	0.99840	75.15
16.5	199,916.84	84.00	0.00042	0.99958	75.03
17.5	202,170.84	80.00	0.00040	0.99960	75.00
18.5	205,347.84	702.00	0.00342	0.99658	74.97
19.5	156,623.62	1,771.00	0.01131	0.98869	74.71
20.5	158,278.62	371.00	0.00234	0.99766	73.87
21.5	161,170.62	1,444.00	0.00896	0.99104	73.69
22.5	159,864.62	8,859.00	0.05542	0.94458	73.04
23.5	151,662.62	4,090.00	0.02697	0.97303	68.99
24.5	148,228.62	8,736.00	0.05894	0.94106	67.13
25.5	140,447.62	10,349.00	0.07369	0.92631	63.17
26.5	130,756.62	8,069.00	0.06171	0.93829	58.52
27.5	123,406.62	6,658.00	0.05395	0.94605	54.90
28.5	116,748.62	7,678.00	0.06577	0.93423	51.94
29.5	106,447.22	7,419.00	0.06970	0.93030	48.53
30.5	99,028.22	1,414.00	0.01428	0.98572	45.14
31.5	97,614.22	1,653.00	0.01693	0.98307	44.50
32.5	94,798.29	1,823.00	0.01923	0.98077	43.75
33.5	92,975.29	2,363.00	0.02542	0.97458	42.91
34.5	87,727.73	1,209.00	0.01378	0.98622	41.81
35.5	71,878.60	0.00	0.00000	1.00000	41.24
36.5	71,827.55	1,223.00	0.01703	0.98297	41.24
37.5	65,112.67	890.00	0.01367	0.98633	40.54
38.5	49,472.47	721.00	0.01457	0.98543	39.98
39.5	44,725.77	0.00	0.00000	1.00000	39.40
40.5	44,590.60	1,339.00	0.03003	0.96997	39.40
41.5	43,251.60	1,172.00	0.02710	0.97290	38.22
42.5	42,079.60	1,740.00	0.04135	0.95865	37.18
43.5	40,339.60	1,683.00	0.04172	0.95828	35.64
44.5	38,304.44	755.00	0.01971	0.98029	34.16
45.5	17,177.50	1,023.00	0.05955	0.94045	33.48
46.5	16,154.50	619.00	0.03832	0.96168	31.49
47.5	15,535.50	313.00	0.02015	0.97985	30.28
48.5	15,222.50	1,385.00	0.09098	0.90902	29.67
49.5	12,235.30	971.00	0.07936	0.92064	26.97
50.5	11,264.30	299.00	0.02654	0.97346	24.83
51.5	10,965.30	1,024.00	0.09339	0.90661	24.17
52.5	9,941.30	438.00	0.04406	0.95594	21.92

Scenario: SDGE Actuarial @ 2020
 Account: G387.11-Other Equipment
 Placement Band: 1921 - 2020

Observation Band: 1949 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	9,503.30	306.00	0.03220	0.96780	20.95
54.5	8,804.89	601.00	0.06826	0.93174	20.27
55.5	8,203.89	119.00	0.01451	0.98549	18.89
56.5	8,084.89	219.00	0.02709	0.97291	18.62
57.5	7,865.89	0.00	0.00000	1.00000	18.11
58.5	7,865.89	0.00	0.00000	1.00000	18.11
59.5	7,865.89	0.00	0.00000	1.00000	18.11
60.5	7,352.00	2,604.00	0.35419	0.64581	18.11
61.5	4,748.00	0.00	0.00000	1.00000	11.70
62.5	4,748.00	0.00	0.00000	1.00000	11.70
63.5	4,748.00	0.00	0.00000	1.00000	11.70
64.5	4,748.00	415.00	0.08741	0.91259	11.70
65.5	4,333.00	724.00	0.16709	0.83291	10.68
66.5	3,609.00	720.00	0.19950	0.80050	8.89
67.5	2,889.00	872.00	0.30183	0.69817	7.12
68.5	2,017.00	812.00	0.40258	0.59742	4.97
69.5	1,205.00	1,205.00	1.00000	0.00000	2.97
70.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: G387.11-Other Equipment
 Placement Band: 1921 - 2020

Observed Life Table
 SDG&E
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Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,998,405.09	0.00	0.00000	1.00000	100.00
0.5	1,558,490.38	0.00	0.00000	1.00000	100.00
1.5	1,120,900.26	0.00	0.00000	1.00000	100.00
2.5	1,356,221.26	485.00	0.00036	0.99964	100.00
3.5	1,355,736.26	233.00	0.00017	0.99983	99.96
4.5	1,358,094.26	71,810.00	0.05288	0.94712	99.95
5.5	1,286,285.26	108,665.00	0.08448	0.91552	94.66
6.5	1,179,441.26	116,500.00	0.09878	0.90122	86.67
7.5	1,064,624.26	3,676.00	0.00345	0.99655	78.10
8.5	1,061,778.26	0.00	0.00000	1.00000	77.83
9.5	1,062,341.26	0.00	0.00000	1.00000	77.83
10.5	1,062,960.26	344.00	0.00032	0.99968	77.83
11.5	998,862.66	0.00	0.00000	1.00000	77.81
12.5	335,019.89	0.00	0.00000	1.00000	77.81
13.5	237,564.02	0.00	0.00000	1.00000	77.81
14.5	237,564.02	213.00	0.00090	0.99910	77.81
15.5	237,351.02	138.00	0.00058	0.99942	77.74
16.5	190,350.84	0.00	0.00000	1.00000	77.69
17.5	190,350.84	0.00	0.00000	1.00000	77.69
18.5	190,578.84	81.00	0.00043	0.99957	77.69
19.5	140,107.62	0.00	0.00000	1.00000	77.66
20.5	140,326.62	202.00	0.00144	0.99856	77.66
21.5	140,124.62	175.00	0.00125	0.99875	77.55
22.5	139,949.62	8,859.00	0.06330	0.93670	77.45
23.5	131,220.62	3,779.00	0.02880	0.97120	72.55
24.5	130,045.62	8,155.00	0.06271	0.93729	70.46
25.5	121,890.62	9,859.00	0.08088	0.91912	66.04
26.5	112,031.62	5,536.00	0.04941	0.95059	60.70
27.5	106,495.62	3,061.00	0.02874	0.97126	57.70
28.5	103,849.62	6,745.00	0.06495	0.93505	56.04
29.5	95,205.22	5,354.00	0.05624	0.94376	52.40
30.5	90,587.22	413.00	0.00456	0.99544	49.46
31.5	91,046.22	1,519.00	0.01668	0.98332	49.23
32.5	89,176.29	1,122.00	0.01258	0.98742	48.41
33.5	89,460.29	2,259.00	0.02525	0.97475	47.80
34.5	84,454.73	1,182.00	0.01400	0.98600	46.59
35.5	69,289.60	0.00	0.00000	1.00000	45.94
36.5	69,894.55	1,223.00	0.01750	0.98250	45.94
37.5	63,839.67	890.00	0.01394	0.98606	45.14
38.5	48,857.47	669.00	0.01369	0.98631	44.51
39.5	44,725.77	0.00	0.00000	1.00000	43.90
40.5	44,590.60	1,339.00	0.03003	0.96997	43.90
41.5	43,251.60	1,172.00	0.02710	0.97290	42.58
42.5	42,079.60	1,740.00	0.04135	0.95865	41.43
43.5	40,339.60	1,683.00	0.04172	0.95828	39.72
44.5	38,304.44	755.00	0.01971	0.98029	38.06
45.5	17,177.50	1,023.00	0.05955	0.94045	37.31
46.5	16,154.50	619.00	0.03832	0.96168	35.09
47.5	15,535.50	313.00	0.02015	0.97985	33.74
48.5	15,222.50	1,385.00	0.09098	0.90902	33.06
49.5	12,235.30	971.00	0.07936	0.92064	30.05
50.5	11,264.30	299.00	0.02654	0.97346	27.67
51.5	10,965.30	1,024.00	0.09339	0.90661	26.94
52.5	9,941.30	438.00	0.04406	0.95594	24.42

Scenario: SDGE Actuarial @ 2020
 Account: G387.11-Other Equipment
 Placement Band: 1921 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	9,503.30	306.00	0.03220	0.96780	23.34
54.5	8,804.89	601.00	0.06826	0.93174	22.59
55.5	8,203.89	119.00	0.01451	0.98549	21.05
56.5	8,084.89	219.00	0.02709	0.97291	20.75
57.5	7,865.89	0.00	0.00000	1.00000	20.18
58.5	7,865.89	0.00	0.00000	1.00000	20.18
59.5	7,865.89	0.00	0.00000	1.00000	20.18
60.5	7,352.00	2,604.00	0.35419	0.64581	20.18
61.5	4,748.00	0.00	0.00000	1.00000	13.03
62.5	4,748.00	0.00	0.00000	1.00000	13.03
63.5	4,748.00	0.00	0.00000	1.00000	13.03
64.5	4,748.00	415.00	0.08741	0.91259	13.03
65.5	4,333.00	724.00	0.16709	0.83291	11.90
66.5	3,609.00	720.00	0.19950	0.80050	9.91
67.5	2,889.00	872.00	0.30183	0.69817	7.93
68.5	2,017.00	812.00	0.40258	0.59742	5.54
69.5	1,205.00	1,205.00	1.00000	0.00000	3.31
70.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: G387.11-Other Equipment
Placement Band: 1921 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,868,808.76	0.00	0.00000	1.00000	100.00
0.5	1,426,769.16	0.00	0.00000	1.00000	100.00
1.5	988,289.04	0.00	0.00000	1.00000	100.00
2.5	1,225,551.97	0.00	0.00000	1.00000	100.00
3.5	1,225,551.97	0.00	0.00000	1.00000	100.00
4.5	1,229,688.53	71,810.00	0.05840	0.94160	100.00
5.5	1,171,200.66	108,665.00	0.09278	0.90722	94.16
6.5	1,062,586.71	116,500.00	0.10964	0.89036	85.42
7.5	951,578.59	0.00	0.00000	1.00000	76.06
8.5	966,328.79	0.00	0.00000	1.00000	76.06
9.5	970,354.49	0.00	0.00000	1.00000	76.06
10.5	970,489.66	0.00	0.00000	1.00000	76.06
11.5	906,736.06	0.00	0.00000	1.00000	76.06
12.5	241,508.29	0.00	0.00000	1.00000	76.06
13.5	143,017.42	0.00	0.00000	1.00000	76.06
14.5	143,369.58	0.00	0.00000	1.00000	76.06
15.5	163,741.52	0.00	0.00000	1.00000	76.06
16.5	125,738.34	0.00	0.00000	1.00000	76.06
17.5	129,517.34	0.00	0.00000	1.00000	76.06
18.5	137,672.34	0.00	0.00000	1.00000	76.06
19.5	98,743.32	0.00	0.00000	1.00000	76.06
20.5	104,132.32	0.00	0.00000	1.00000	76.06
21.5	107,193.32	0.00	0.00000	1.00000	76.06
22.5	113,938.32	8,859.00	0.07775	0.92225	76.06
23.5	110,433.32	3,779.00	0.03422	0.96578	70.14
24.5	107,459.73	8,155.00	0.07589	0.92411	67.74
25.5	100,823.73	9,859.00	0.09778	0.90222	62.60
26.5	92,086.73	5,389.00	0.05852	0.94148	56.48
27.5	88,956.73	3,061.00	0.03441	0.96559	53.18
28.5	87,061.73	6,745.00	0.07747	0.92253	51.35
29.5	77,693.33	5,354.00	0.06891	0.93109	47.37
30.5	74,076.22	413.00	0.00558	0.99442	44.11
31.5	74,553.22	1,519.00	0.02037	0.97963	43.86
32.5	72,410.29	1,122.00	0.01550	0.98450	42.97
33.5	71,288.29	2,259.00	0.03169	0.96831	42.30
34.5	67,483.73	1,166.00	0.01728	0.98272	40.96
35.5	52,849.60	0.00	0.00000	1.00000	40.25
36.5	54,538.55	1,223.00	0.02242	0.97758	40.25
37.5	49,506.67	890.00	0.01798	0.98202	39.35
38.5	34,558.47	539.00	0.01560	0.98440	38.64
39.5	30,556.77	0.00	0.00000	1.00000	38.04
40.5	31,040.60	1,339.00	0.04314	0.95686	38.04
41.5	29,701.60	1,172.00	0.03946	0.96054	36.40
42.5	29,914.60	1,740.00	0.05817	0.94183	34.96
43.5	29,007.60	1,683.00	0.05802	0.94198	32.93
44.5	26,972.44	692.00	0.02566	0.97434	31.02
45.5	5,908.50	563.00	0.09529	0.90471	30.22
46.5	5,345.50	619.00	0.11580	0.88420	27.34
47.5	4,726.50	0.00	0.00000	1.00000	24.18
48.5	4,954.50	1,385.00	0.27954	0.72046	24.18
49.5	1,967.30	833.00	0.42342	0.57658	17.42
50.5	1,353.30	0.00	0.00000	1.00000	10.04
51.5	1,353.30	0.00	0.00000	1.00000	10.04
52.5	1,353.30	0.00	0.00000	1.00000	10.04

Scenario: SDGE Actuarial @ 2020
 Account: G387.11-Other Equipment
 Placement Band: 1921 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	1,353.30	0.00	0.00000	1.00000	10.04
54.5	3,564.89	228.00	0.06396	0.93604	10.04
55.5	3,336.89	0.00	0.00000	1.00000	9.40
56.5	3,336.89	219.00	0.06563	0.93437	9.40
57.5	3,117.89	0.00	0.00000	1.00000	8.78
58.5	3,532.89	0.00	0.00000	1.00000	8.78
59.5	4,256.89	0.00	0.00000	1.00000	8.78
60.5	4,463.00	2,604.00	0.58346	0.41654	8.78
61.5	2,731.00	0.00	0.00000	1.00000	3.66
62.5	3,543.00	0.00	0.00000	1.00000	3.66
63.5	4,748.00	0.00	0.00000	1.00000	3.66
64.5	4,748.00	415.00	0.08741	0.91259	3.66
65.5	4,333.00	724.00	0.16709	0.83291	3.34
66.5	3,609.00	720.00	0.19950	0.80050	2.78
67.5	2,889.00	872.00	0.30183	0.69817	2.23
68.5	2,017.00	812.00	0.40258	0.59742	1.55
69.5	1,205.00	1,205.00	1.00000	0.00000	0.93
70.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
 Account: G387.11-Other Equipment
 Placement Band: 1961 - 2020

Observed Life Table
 2024 GRC - APP
 Depreciation

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,998,405.09	0.00	0.00000	1.00000	100.00
0.5	1,556,365.49	0.00	0.00000	1.00000	100.00
1.5	1,117,885.37	0.00	0.00000	1.00000	100.00
2.5	1,352,667.37	485.00	0.00036	0.99964	100.00
3.5	1,352,182.37	233.00	0.00017	0.99983	99.96
4.5	1,353,201.37	71,810.00	0.05307	0.94693	99.95
5.5	1,280,073.37	108,665.00	0.08489	0.91511	94.64
6.5	1,171,408.37	116,500.00	0.09945	0.90055	86.61
7.5	1,054,908.37	3,676.00	0.00348	0.99652	78.00
8.5	1,051,232.37	0.00	0.00000	1.00000	77.72
9.5	1,051,232.37	0.00	0.00000	1.00000	77.72
10.5	1,051,232.37	344.00	0.00033	0.99967	77.72
11.5	987,134.77	0.00	0.00000	1.00000	77.70
12.5	321,907.00	0.00	0.00000	1.00000	77.70
13.5	223,416.13	0.00	0.00000	1.00000	77.70
14.5	223,416.13	0.00	0.00000	1.00000	77.70
15.5	223,416.13	0.00	0.00000	1.00000	77.70
16.5	176,553.95	0.00	0.00000	1.00000	77.70
17.5	176,553.95	0.00	0.00000	1.00000	77.70
18.5	176,553.95	0.00	0.00000	1.00000	77.70
19.5	126,163.73	0.00	0.00000	1.00000	77.70
20.5	126,163.73	0.00	0.00000	1.00000	77.70
21.5	126,163.73	0.00	0.00000	1.00000	77.70
22.5	126,163.73	8,859.00	0.07022	0.92978	77.70
23.5	117,304.73	3,779.00	0.03222	0.96778	72.24
24.5	113,525.73	8,155.00	0.07183	0.92817	69.92
25.5	105,370.73	9,859.00	0.09356	0.90644	64.89
26.5	95,511.73	5,389.00	0.05642	0.94358	58.82
27.5	90,122.73	3,061.00	0.03396	0.96604	55.50
28.5	87,061.73	6,745.00	0.07747	0.92253	53.62
29.5	77,693.33	5,354.00	0.06891	0.93109	49.46
30.5	72,339.33	413.00	0.00571	0.99429	46.06
31.5	71,926.33	1,519.00	0.02112	0.97888	45.79
32.5	69,244.40	1,122.00	0.01620	0.98380	44.83
33.5	68,122.40	2,259.00	0.03316	0.96684	44.10
34.5	62,978.84	1,166.00	0.01851	0.98149	42.64
35.5	47,172.71	0.00	0.00000	1.00000	41.85
36.5	47,121.66	0.00	0.00000	1.00000	41.85
37.5	41,629.78	0.00	0.00000	1.00000	41.85
38.5	26,879.58	0.00	0.00000	1.00000	41.85
39.5	22,853.88	0.00	0.00000	1.00000	41.85
40.5	22,718.71	0.00	0.00000	1.00000	41.85
41.5	22,718.71	0.00	0.00000	1.00000	41.85
42.5	22,718.71	0.00	0.00000	1.00000	41.85
43.5	22,718.71	0.00	0.00000	1.00000	41.85
44.5	22,366.55	0.00	0.00000	1.00000	41.85
45.5	1,994.61	0.00	0.00000	1.00000	41.85
46.5	1,994.61	0.00	0.00000	1.00000	41.85
47.5	1,994.61	0.00	0.00000	1.00000	41.85
48.5	1,994.61	0.00	0.00000	1.00000	41.85
49.5	392.41	0.00	0.00000	1.00000	41.85
50.5	392.41	0.00	0.00000	1.00000	41.85
51.5	392.41	0.00	0.00000	1.00000	41.85
52.5	392.41	0.00	0.00000	1.00000	41.85

Scenario: SDGE Actuarial @ 2020
 Account: G387.11-Other Equipment
 Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	392.41	0.00	0.00000	1.00000	41.85
54.5	0.00	0.00	0.00000	1.00000	41.85

Scenario: SDGE Actuarial @ 2020
Account: G387.11-Other Equipment
Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,868,808.76	0.00	0.00000	1.00000	100.00
0.5	1,426,769.16	0.00	0.00000	1.00000	100.00
1.5	988,289.04	0.00	0.00000	1.00000	100.00
2.5	1,225,551.97	0.00	0.00000	1.00000	100.00
3.5	1,225,551.97	0.00	0.00000	1.00000	100.00
4.5	1,229,688.53	71,810.00	0.05840	0.94160	100.00
5.5	1,171,200.66	108,665.00	0.09278	0.90722	94.16
6.5	1,062,586.71	116,500.00	0.10964	0.89036	85.42
7.5	951,578.59	0.00	0.00000	1.00000	76.06
8.5	966,328.79	0.00	0.00000	1.00000	76.06
9.5	970,354.49	0.00	0.00000	1.00000	76.06
10.5	970,489.66	0.00	0.00000	1.00000	76.06
11.5	906,736.06	0.00	0.00000	1.00000	76.06
12.5	241,508.29	0.00	0.00000	1.00000	76.06
13.5	143,017.42	0.00	0.00000	1.00000	76.06
14.5	143,369.58	0.00	0.00000	1.00000	76.06
15.5	163,741.52	0.00	0.00000	1.00000	76.06
16.5	125,738.34	0.00	0.00000	1.00000	76.06
17.5	129,517.34	0.00	0.00000	1.00000	76.06
18.5	137,672.34	0.00	0.00000	1.00000	76.06
19.5	98,743.32	0.00	0.00000	1.00000	76.06
20.5	104,132.32	0.00	0.00000	1.00000	76.06
21.5	107,193.32	0.00	0.00000	1.00000	76.06
22.5	113,938.32	8,859.00	0.07775	0.92225	76.06
23.5	110,433.32	3,779.00	0.03422	0.96578	70.14
24.5	107,459.73	8,155.00	0.07589	0.92411	67.74
25.5	100,823.73	9,859.00	0.09778	0.90222	62.60
26.5	92,086.73	5,389.00	0.05852	0.94148	56.48
27.5	88,956.73	3,061.00	0.03441	0.96559	53.18
28.5	87,061.73	6,745.00	0.07747	0.92253	51.35
29.5	77,693.33	5,354.00	0.06891	0.93109	47.37
30.5	72,339.33	413.00	0.00571	0.99429	44.11
31.5	71,926.33	1,519.00	0.02112	0.97888	43.85
32.5	69,244.40	1,122.00	0.01620	0.98380	42.93
33.5	68,122.40	2,259.00	0.03316	0.96684	42.23
34.5	62,978.84	1,166.00	0.01851	0.98149	40.83
35.5	47,172.71	0.00	0.00000	1.00000	40.08
36.5	47,121.66	0.00	0.00000	1.00000	40.08
37.5	41,629.78	0.00	0.00000	1.00000	40.08
38.5	26,879.58	0.00	0.00000	1.00000	40.08
39.5	22,853.88	0.00	0.00000	1.00000	40.08
40.5	22,718.71	0.00	0.00000	1.00000	40.08
41.5	22,718.71	0.00	0.00000	1.00000	40.08
42.5	22,718.71	0.00	0.00000	1.00000	40.08
43.5	22,718.71	0.00	0.00000	1.00000	40.08
44.5	22,366.55	0.00	0.00000	1.00000	40.08
45.5	1,994.61	0.00	0.00000	1.00000	40.08
46.5	1,994.61	0.00	0.00000	1.00000	40.08
47.5	1,994.61	0.00	0.00000	1.00000	40.08
48.5	1,994.61	0.00	0.00000	1.00000	40.08
49.5	392.41	0.00	0.00000	1.00000	40.08
50.5	392.41	0.00	0.00000	1.00000	40.08
51.5	392.41	0.00	0.00000	1.00000	40.08
52.5	392.41	0.00	0.00000	1.00000	40.08

Scenario: SDGE Actuarial @ 2020
 Account: G387.11-Other Equipment
 Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	392.41	0.00	0.00000	1.00000	40.08
54.5	0.00	0.00	0.00000	1.00000	40.08

Scenario: SDGE Actuarial @ 2020
Account: G387.11-Other Equipment
Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	1,868,808.76	0.00	0.00000	1.00000	100.00
0.5	1,436,386.16	0.00	0.00000	1.00000	100.00
1.5	997,906.04	0.00	0.00000	1.00000	100.00
2.5	997,906.04	0.00	0.00000	1.00000	100.00
3.5	997,906.04	0.00	0.00000	1.00000	100.00
4.5	999,158.04	71,810.00	0.07187	0.92813	100.00
5.5	927,348.04	0.00	0.00000	1.00000	92.81
6.5	927,348.04	0.00	0.00000	1.00000	92.81
7.5	927,348.04	0.00	0.00000	1.00000	92.81
8.5	927,348.04	0.00	0.00000	1.00000	92.81
9.5	927,348.04	0.00	0.00000	1.00000	92.81
10.5	927,348.04	0.00	0.00000	1.00000	92.81
11.5	863,594.44	0.00	0.00000	1.00000	92.81
12.5	198,366.67	0.00	0.00000	1.00000	92.81
13.5	99,875.80	0.00	0.00000	1.00000	92.81
14.5	99,875.80	0.00	0.00000	1.00000	92.81
15.5	99,875.80	0.00	0.00000	1.00000	92.81
16.5	53,013.62	0.00	0.00000	1.00000	92.81
17.5	53,013.62	0.00	0.00000	1.00000	92.81
18.5	53,013.62	0.00	0.00000	1.00000	92.81
19.5	2,623.40	0.00	0.00000	1.00000	92.81
20.5	2,623.40	0.00	0.00000	1.00000	92.81
21.5	2,623.40	0.00	0.00000	1.00000	92.81
22.5	2,623.40	0.00	0.00000	1.00000	92.81
23.5	2,623.40	0.00	0.00000	1.00000	92.81
24.5	2,623.40	0.00	0.00000	1.00000	92.81
25.5	2,623.40	0.00	0.00000	1.00000	92.81
26.5	2,623.40	0.00	0.00000	1.00000	92.81
27.5	2,623.40	0.00	0.00000	1.00000	92.81
28.5	2,623.40	0.00	0.00000	1.00000	92.81
29.5	0.00	0.00	0.00000	0.00000	92.81

Actuarial Life Analysis

Account: G387.11-Other Equipment
 Scenario: SDGE Actuarial @ 2020
 Placement Band: 1921 - 1953
 Function: Survivorship Annual Rate Method
 Weighting: Unweighted
 T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1949 -1953	32.5	11.23	0.30835034	L0.5	11.84
1950 -1954	33.5	7.70	0.22575197	L1	10.86
1951 -1955	34.5	7.02	0.25870124	L2	11.97
1952 -1956	35.5	8.63	0.37373455	L1.5	12.59
1953 -1957	36.5	5.31	0.23443648	L2	11.57
1954 -1958	37.5	5.61	0.25505309	L0	12.61
1955 -1959	38.5	3.06	0.17049960	L0	10.76
1956 -1960	39.5	0.22	0.05766896	R0.5	8.67
1957 -1961	40.5	0.25	0.07057283	L0	9.15
1958 -1962	41.5	0.46	0.08526578	L0	10.80
1959 -1963	42.5	2.60	0.09669795	L2	15.68
1960 -1964	43.5	9.01	0.16094771	L2	21.41
1961 -1965	44.5	99.60	0.00002536	L3	152.52
1962 -1966	45.5	84.33	0.02557426	R0.5	198.98
1963 -1967	46.5	45.56	0.21103220	L3	63.66
1964 -1968	47.5	46.49	0.17221297	L0	67.88
1965 -1969	48.5	0.00	0.53200164	R2.5	49.64
1966 -1970	49.5	40.23	0.25459064	R2.5	52.34
1967 -1971	50.5	58.92	0.13134298	R2.5	59.17
1968 -1972	51.5	71.14	0.06595492	R2.5	64.44
1969 -1973	52.5	84.59	0.02997153	L2.5	85.90
1970 -1974	53.5	95.44	0.00211054	R2	185.45
1971 -1975	54.5	0.00	0.98614719	R5	49.77
1972 -1976	55.5	0.00	0.98271221	R4	49.28
1973 -1977	56.5	0.00	0.95738851	R5	48.84
1974 -1978	57.5	23.03	0.43916285	R5	51.34
1975 -1979	58.5	18.47	0.42634323	R5	51.69
1976 -1980	59.5	10.29	0.38277864	R4	49.19
1977 -1981	60.5	0.00	0.04134546	SQ	55.18
1978 -1982	61.5	0.00	0.83212081	S6	53.70
1979 -1983	62.5	61.87	0.15667826	R1.5	75.26
1980 -1984	63.5	71.56	0.07750810	R0.5	107.87
1981 -1985	64.5	78.09	0.07000386	R0.5	108.04
1982 -1986	65.5	81.10	0.13473201	R0.5	102.32
1983 -1987	66.5	85.31	0.28938414	R0.5	107.19
1984 -1988	67.5	98.98	0.00233674	R2.5	266.87
1985 -1989	68.5	98.85	0.00234274	R2.5	267.79
1986 -1990	69.5	98.37	0.00491742	R2.5	219.38
1987 -1991		1.00			
1988 -1992		1.00			
1989 -1993		1.00			
1990 -1994		1.00			
1991 -1995		1.00			
1992 -1996	75.5	52.59	0.11212935	L0	44.53

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G387.11-Other Equipment

Scenario: SDGE Actuarial @ 2020

Placement Band: 1921 - 1997

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1993 -1997		52.59			
1994 -1998		52.59			
1995 -1999		52.59			
1996 -2000		52.59			
1997 -2001	76.5	0.00	0.00000000	S6	1.05
1998 -2002		1.00			
1999 -2003		1.00			
2000 -2004		1.00			
2001 -2005		1.00			
2002 -2006		1.00			
2003 -2007		1.00			
2004 -2008		1.00			
2005 -2009		1.00			
2006 -2010		1.00			
2007 -2011		1.00			
2008 -2012		1.00			
2009 -2013		1.00			
2010 -2014		1.00			
2011 -2015		1.00			
2012 -2016		1.00			
2013 -2017		1.00			
2014 -2018		1.00			
2015 -2019		1.00			
2016 -2020		1.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G387.11-Other Equipment

Scenario: SDGE Actuarial @ 2020

Placement Band: 1921 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

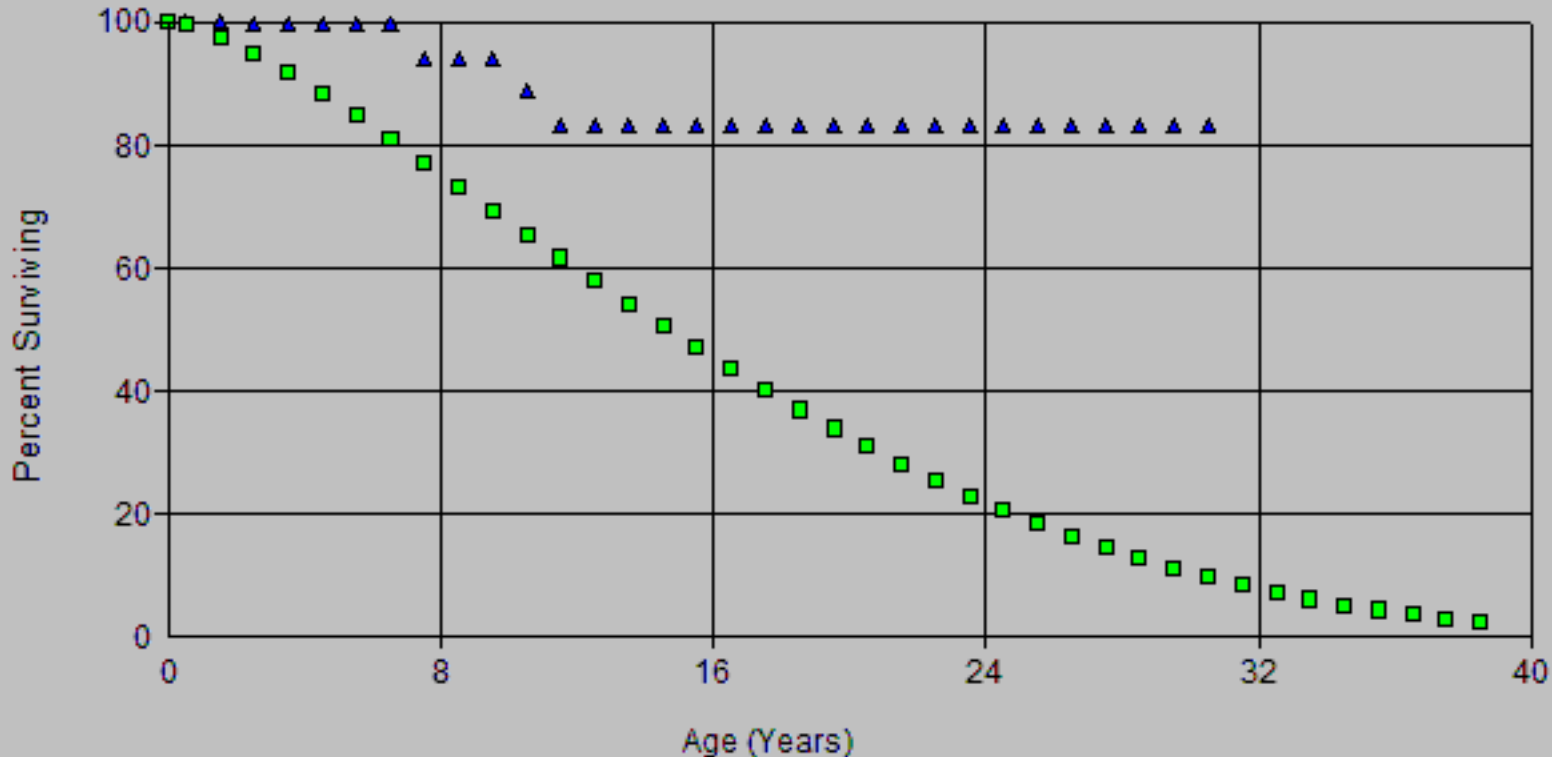
Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1949 -2020	99.5	0.00	0.14012166	L0	34.57
1954 -2020	99.5	0.00	0.14548474	L0	34.91
1959 -2020	99.5	0.00	0.15767576	L0	35.61
1964 -2020	99.5	0.00	0.17295273	L0	36.29
1969 -2020	99.5	0.00	0.17352921	L0	36.13
1974 -2020	99.5	0.00	0.16158464	L0	35.91
1979 -2020	99.5	0.00	0.15822062	L0	35.39
1984 -2020	99.5	0.00	0.16618247	L0	34.41
1989 -2020	99.5	0.00	0.20596505	R0.5	32.05
1994 -2020	99.5	0.00	0.19944686	R0.5	30.22
1999 -2020		1.00			
2004 -2020		1.00			
2009 -2020		1.00			
2014 -2020		1.00			
2019 -2020		1.00			

Account: G387.12-Other EQ -CNG Deprec
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG - APP
 Depreciation

▲ Actual Data

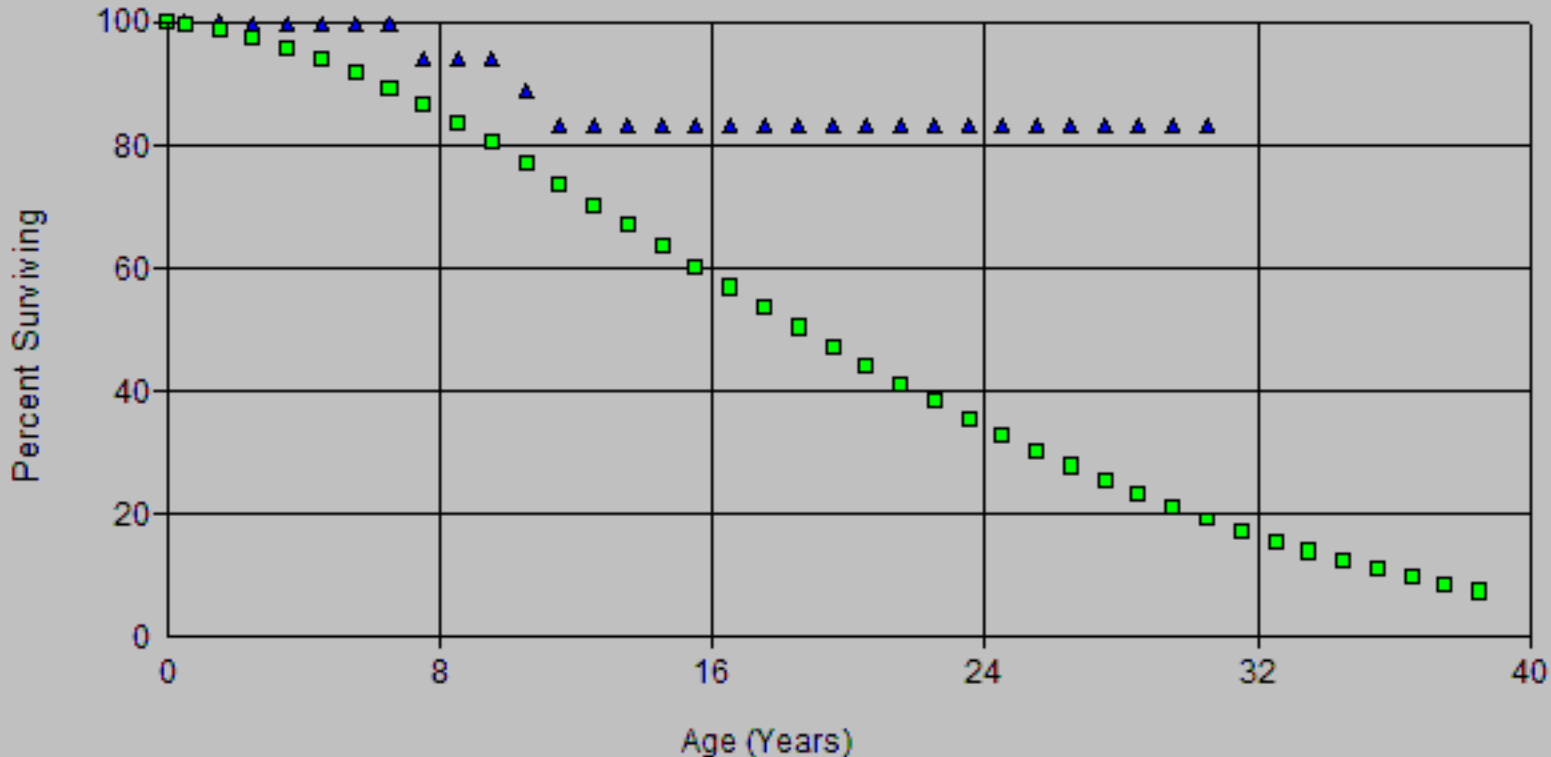
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Account: G387.12-Other EQ -CNG Deprec
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG - APF
 Depreciation

▲ Actual Data ■ L0.5 20.00

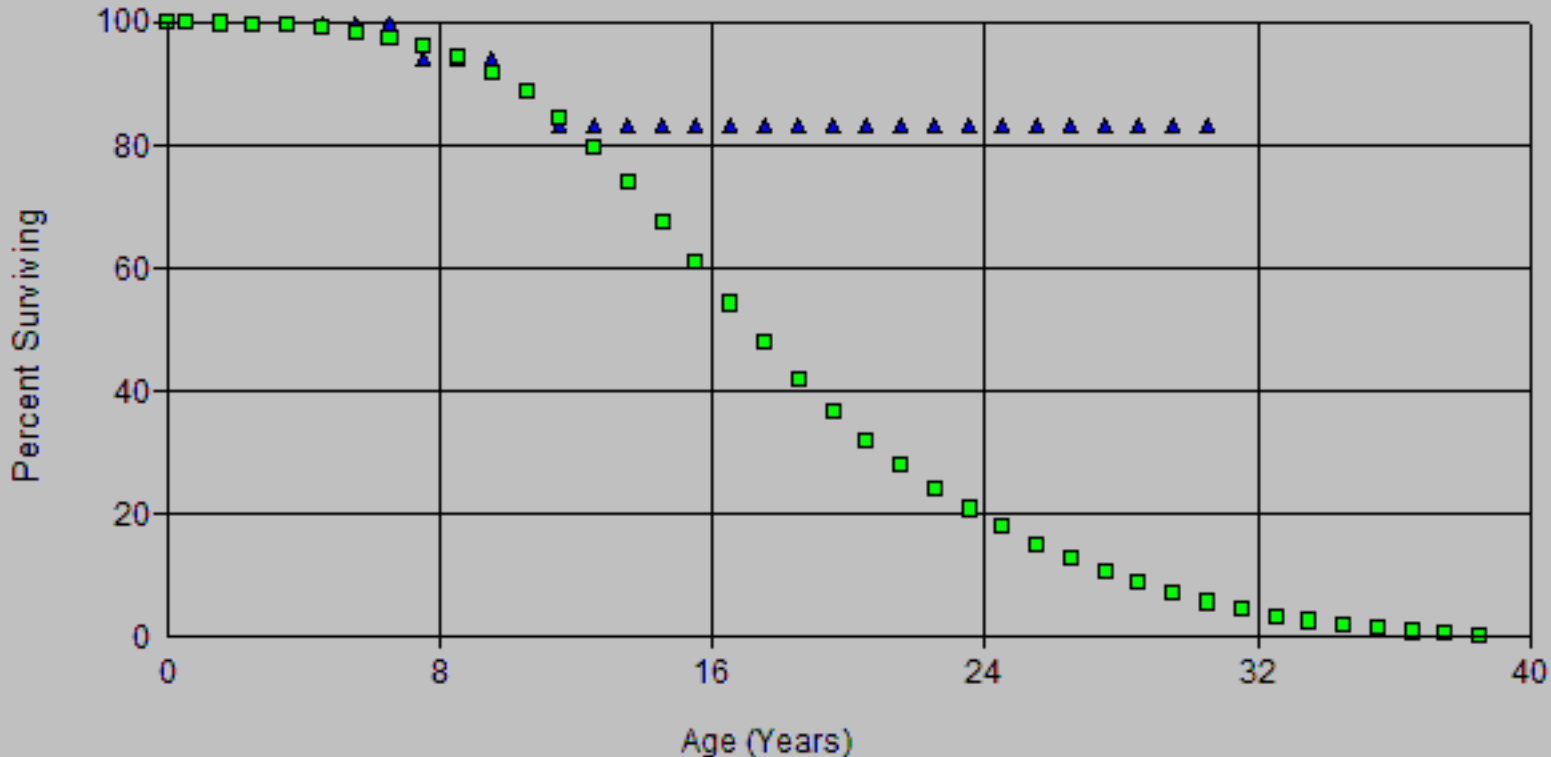


Account: G387.12-Other EQ -CNG Deprec
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG - APP
 Depreciation

▲ Actual Data

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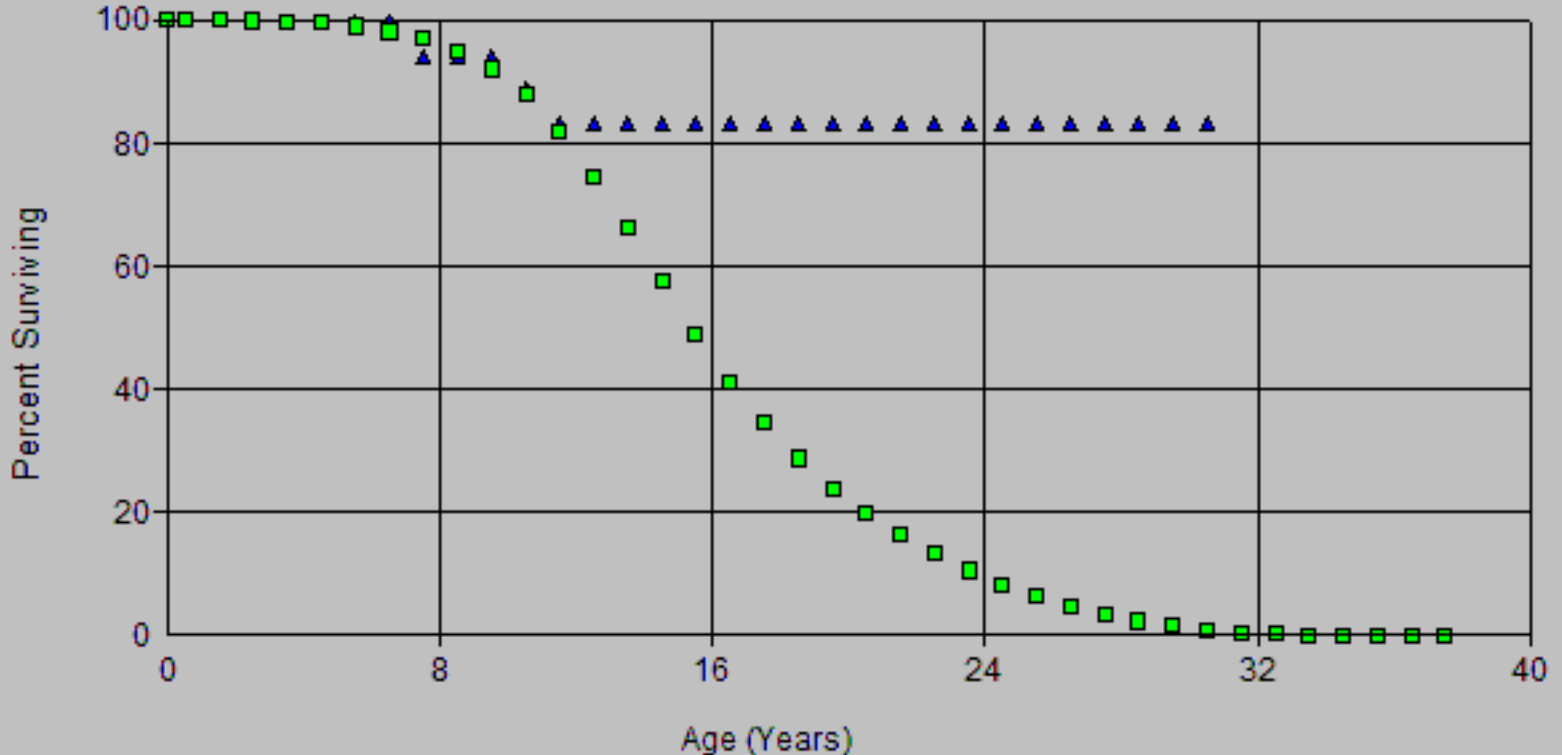


Account: G387.12-Other EQ -CNG Deprec
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG - APP
 Depreciation

▲ Actual Data

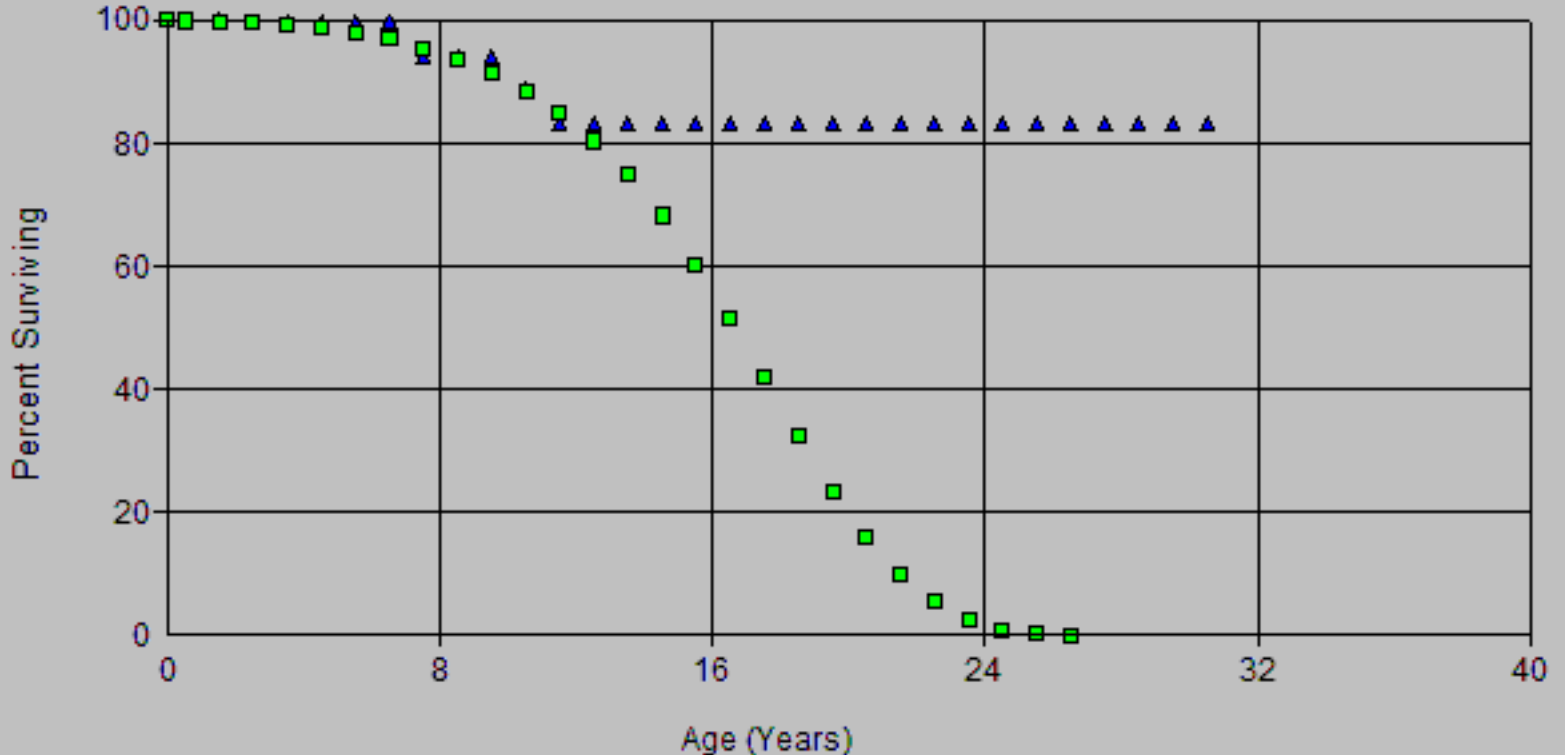
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Account: G387.12-Other EQ -CNG Deprec
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRG - APP
 Depreciation

▲ Actual Data ■ R3 16.00



Observed Life Table

Scenario: SDGE Actuarial @ 2020

Account: G387.12-Other EQ -CNG Deprec

Placement Band: 1990 - 2020

Observation Band: 2000 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	7,403,374.69	0.00	0.00000	1.00000	100.00
0.5	7,988,107.81	0.00	0.00000	1.00000	100.00
1.5	7,988,107.81	15,840.08	0.00198	0.99802	100.00
2.5	8,843,202.63	0.00	0.00000	1.00000	99.80
3.5	4,447,408.28	0.00	0.00000	1.00000	99.80
4.5	4,452,444.49	0.00	0.00000	1.00000	99.80
5.5	5,299,713.60	0.00	0.00000	1.00000	99.80
6.5	4,291,412.73	237,242.32	0.05528	0.94472	99.80
7.5	4,547,004.18	0.00	0.00000	1.00000	94.29
8.5	4,694,509.06	0.00	0.00000	1.00000	94.29
9.5	4,521,221.72	248,631.16	0.05499	0.94501	94.29
10.5	3,622,490.03	234,040.77	0.06461	0.93539	89.10
11.5	3,388,449.26	0.00	0.00000	1.00000	83.34
12.5	3,388,449.26	0.00	0.00000	1.00000	83.34
13.5	3,388,449.26	0.00	0.00000	1.00000	83.34
14.5	3,388,449.26	0.00	0.00000	1.00000	83.34
15.5	3,388,449.26	0.00	0.00000	1.00000	83.34
16.5	3,388,449.26	0.00	0.00000	1.00000	83.34
17.5	3,388,449.26	0.00	0.00000	1.00000	83.34
18.5	2,738,348.73	0.00	0.00000	1.00000	83.34
19.5	2,738,348.73	0.00	0.00000	1.00000	83.34
20.5	2,661,989.80	0.00	0.00000	1.00000	83.34
21.5	2,661,989.80	0.00	0.00000	1.00000	83.34
22.5	2,661,989.80	0.00	0.00000	1.00000	83.34
23.5	1,791,054.90	0.00	0.00000	1.00000	83.34
24.5	1,533,766.01	0.00	0.00000	1.00000	83.34
25.5	1,528,729.80	0.00	0.00000	1.00000	83.34
26.5	681,460.69	0.00	0.00000	1.00000	83.34
27.5	401,323.81	0.00	0.00000	1.00000	83.34
28.5	157,121.20	0.00	0.00000	1.00000	83.34
29.5	9,616.32	0.00	0.00000	1.00000	83.34
30.5	0.00	0.00	0.00000	0.00000	83.34

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G387.12-Other EQ -CNG Deprec

Scenario: SDGE Actuarial @ 2020

Placement Band: 1990 - 2004

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2000 -2004	14.5	76.58	0.01535914	L1	22.46
2001 -2005	15.5	85.14	0.01601045	S1	24.32
2002 -2006	16.5	85.95	0.01610745	S0.5	29.62
2003 -2007		1.00			
2004 -2008		1.00			
2005 -2009		1.00			
2006 -2010		1.00			
2007 -2011	18.5	83.73	0.03561329	L0	42.13
2008 -2012	19.5	80.19	0.05666882	R0.5	34.36
2009 -2013	20.5	75.63	0.09238216	R0.5	29.12
2010 -2014	21.5	75.63	0.09938376	R0.5	29.68
2011 -2015	22.5	75.63	0.10748158	R0.5	30.34
2012 -2016		1.00			
2013 -2017		1.00			
2014 -2018		1.00			
2015 -2019		1.00			
2016 -2020		1.00			

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G387.12-Other EQ -CNG Deprec

Scenario: SDGE Actuarial @ 2020

Placement Band: 1990 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

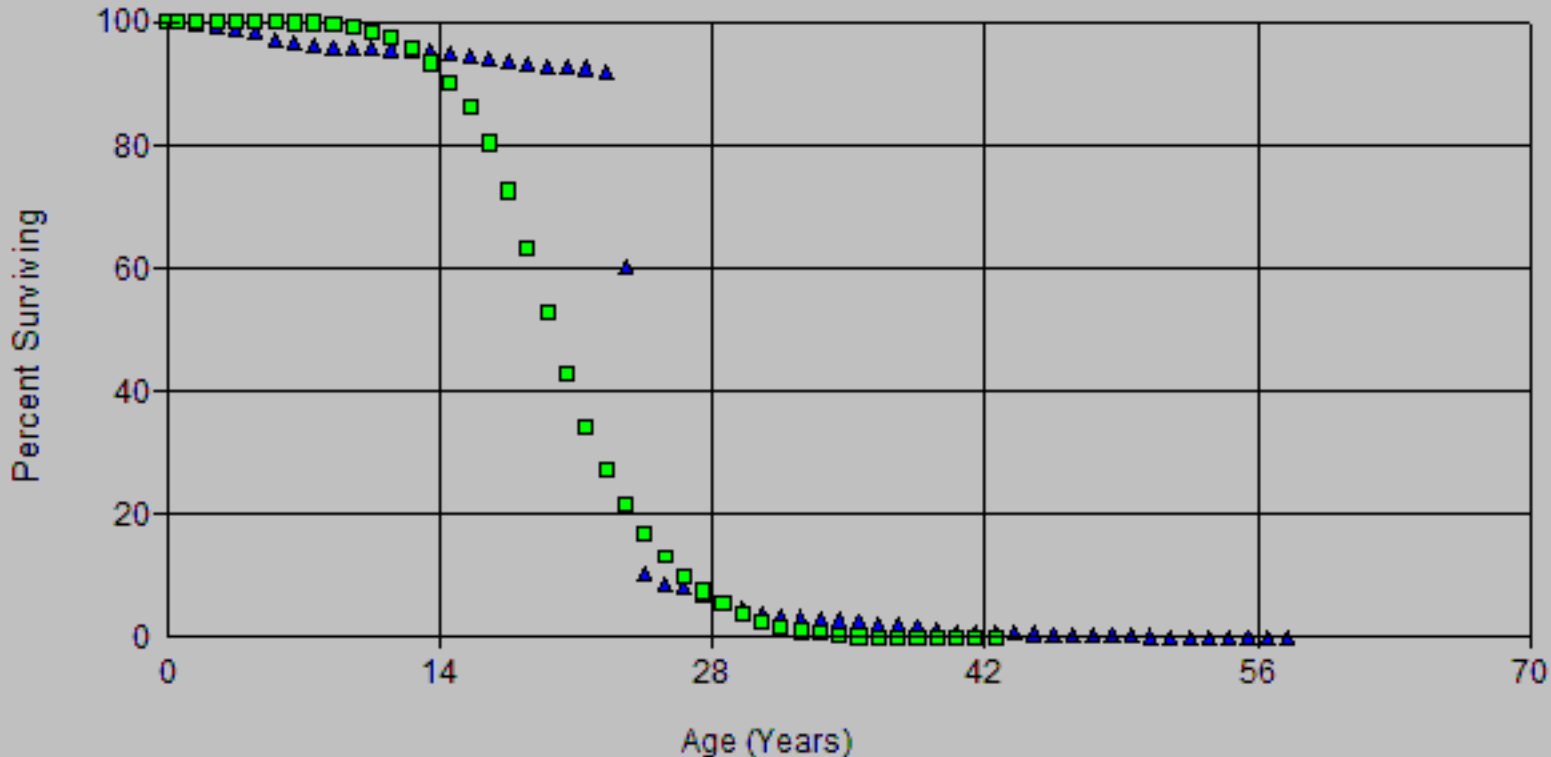
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2000 -2020	30.5	83.34	0.05267173	R0.5	54.16
2005 -2020	30.5	92.04	0.01443927	R0.5	117.96
2010 -2020	30.5	75.63	0.14266955	R0.5	41.42
2015 -2020		1.00			
2020 -2020		1.00			

Account: G394-10-Portable Tools
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC - APP
Depreciation

▲ Actual Data

■ L4 20.00

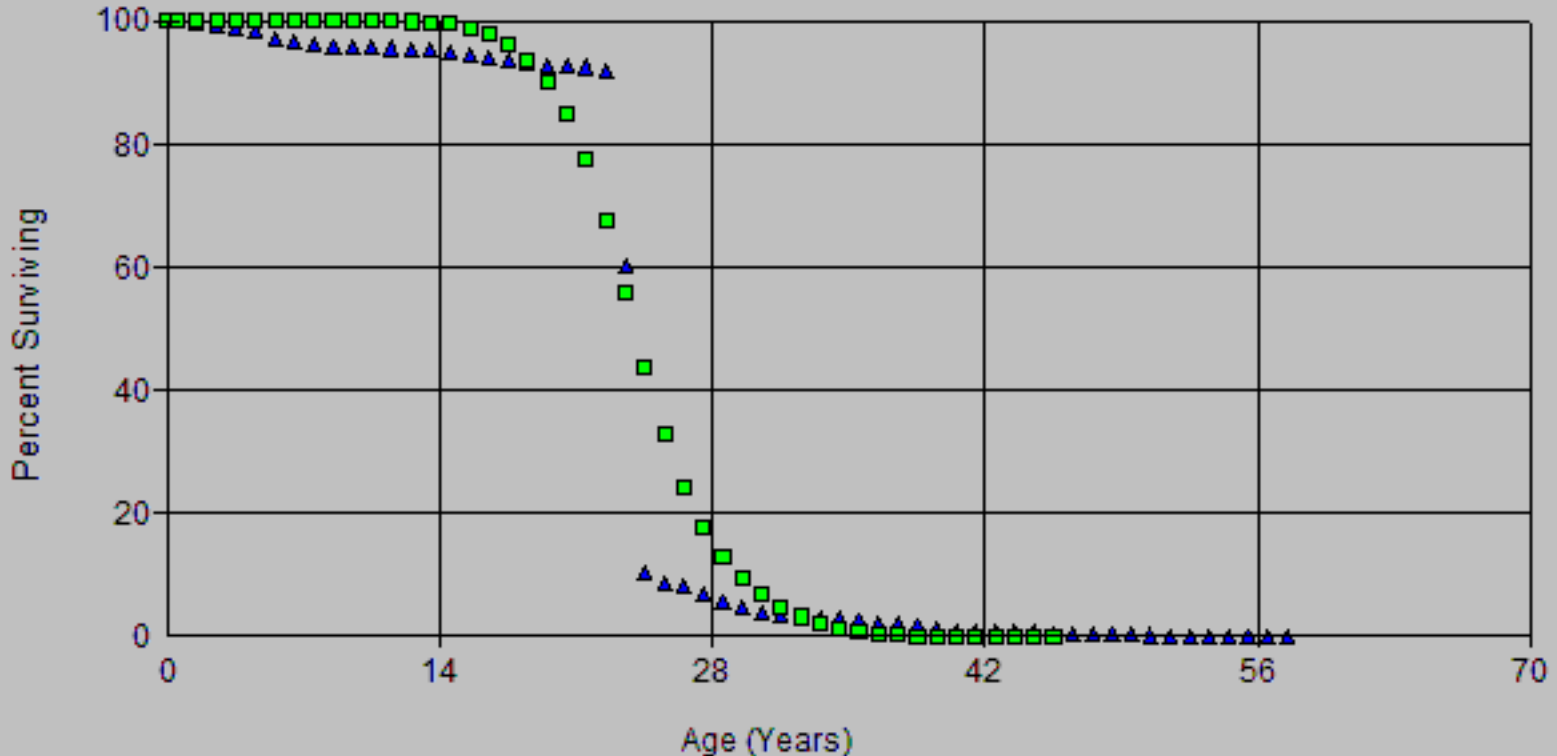


Account: G394-10-Portable Tools
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC - APP
Depreciation

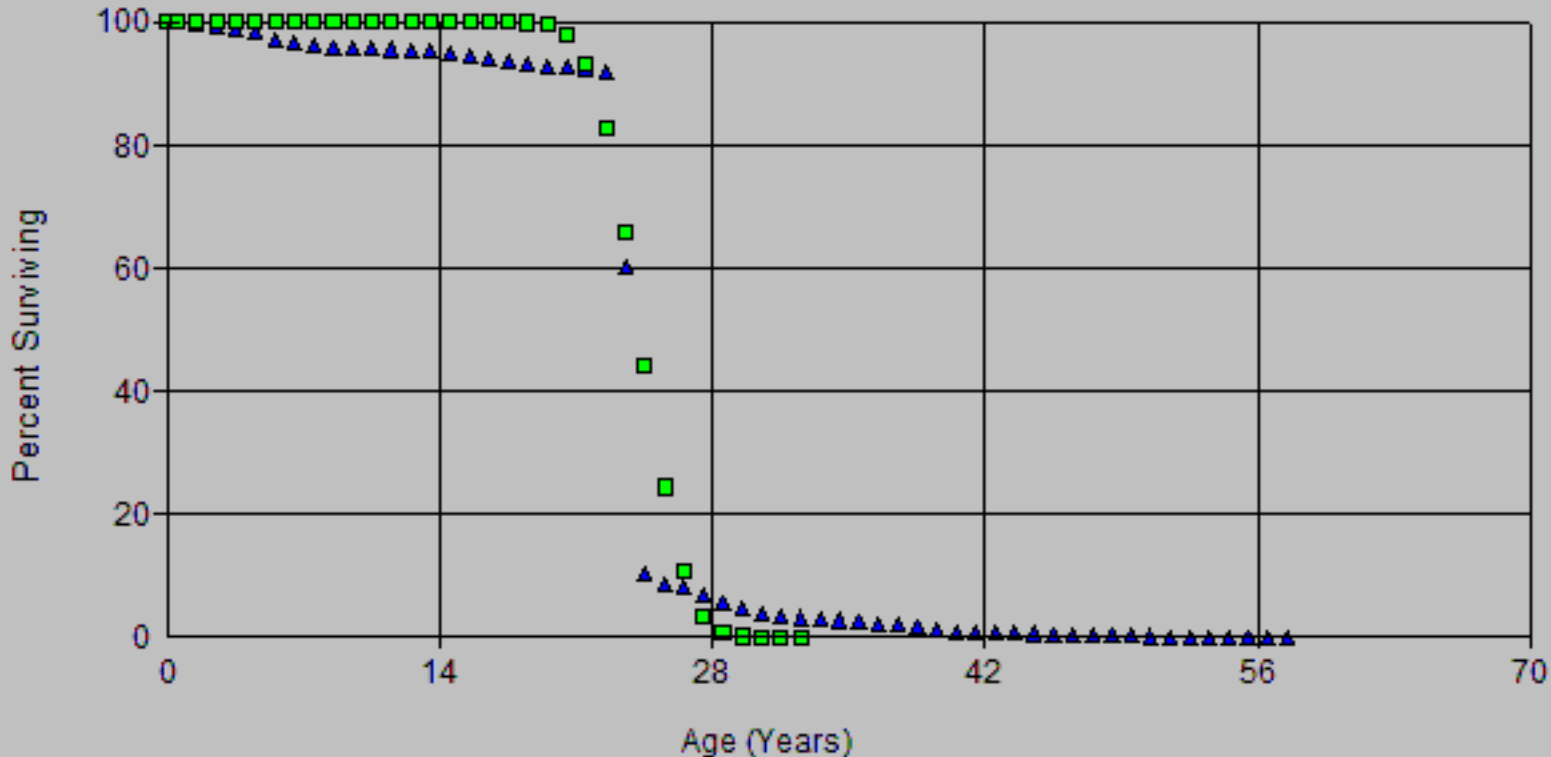
▲ Actual Data

■ L5 24.00



Account: G394-10-Portable Tools
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ S6 24.00

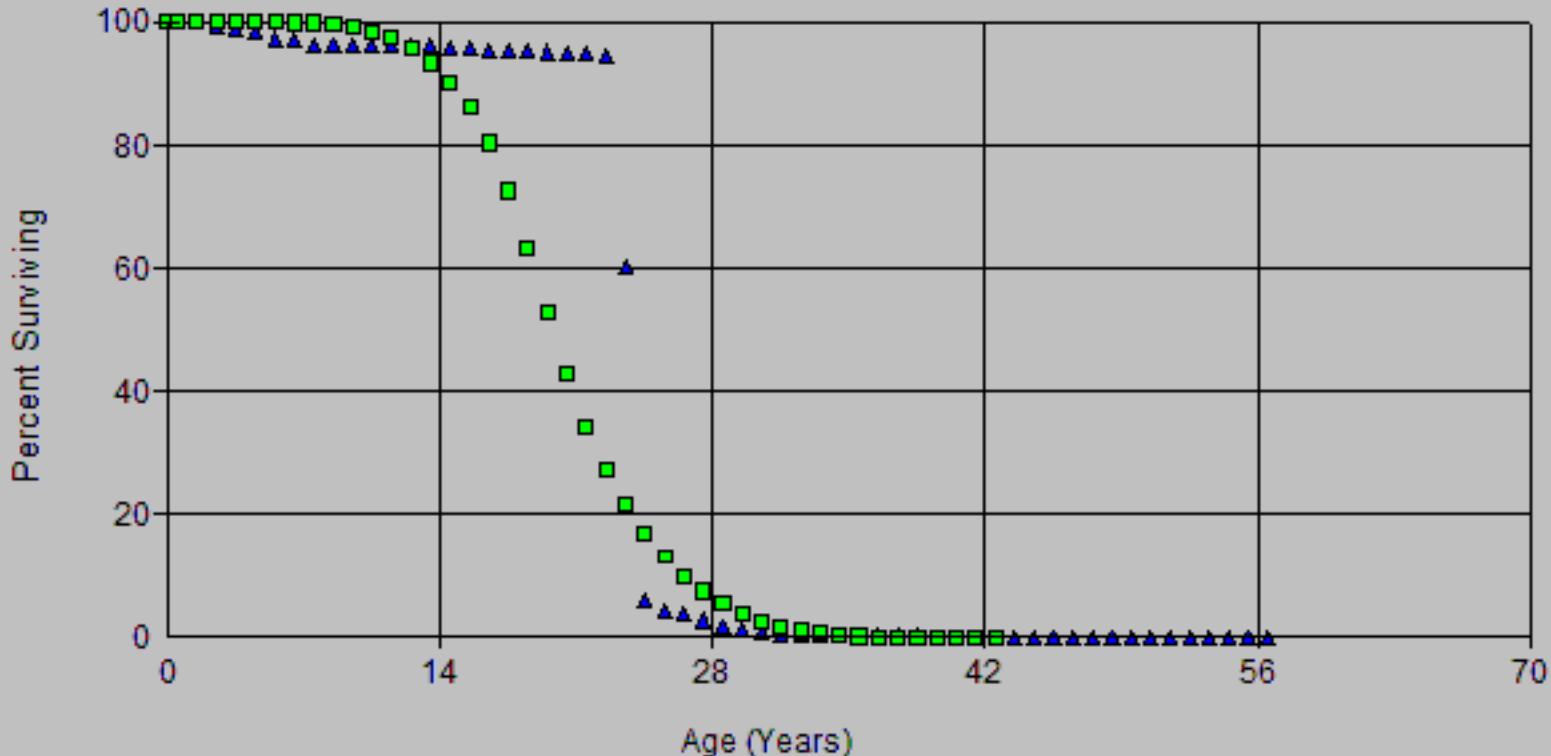


Account: G394-10-Portable Tools
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC - APP
Depreciation

▲ Actual Data

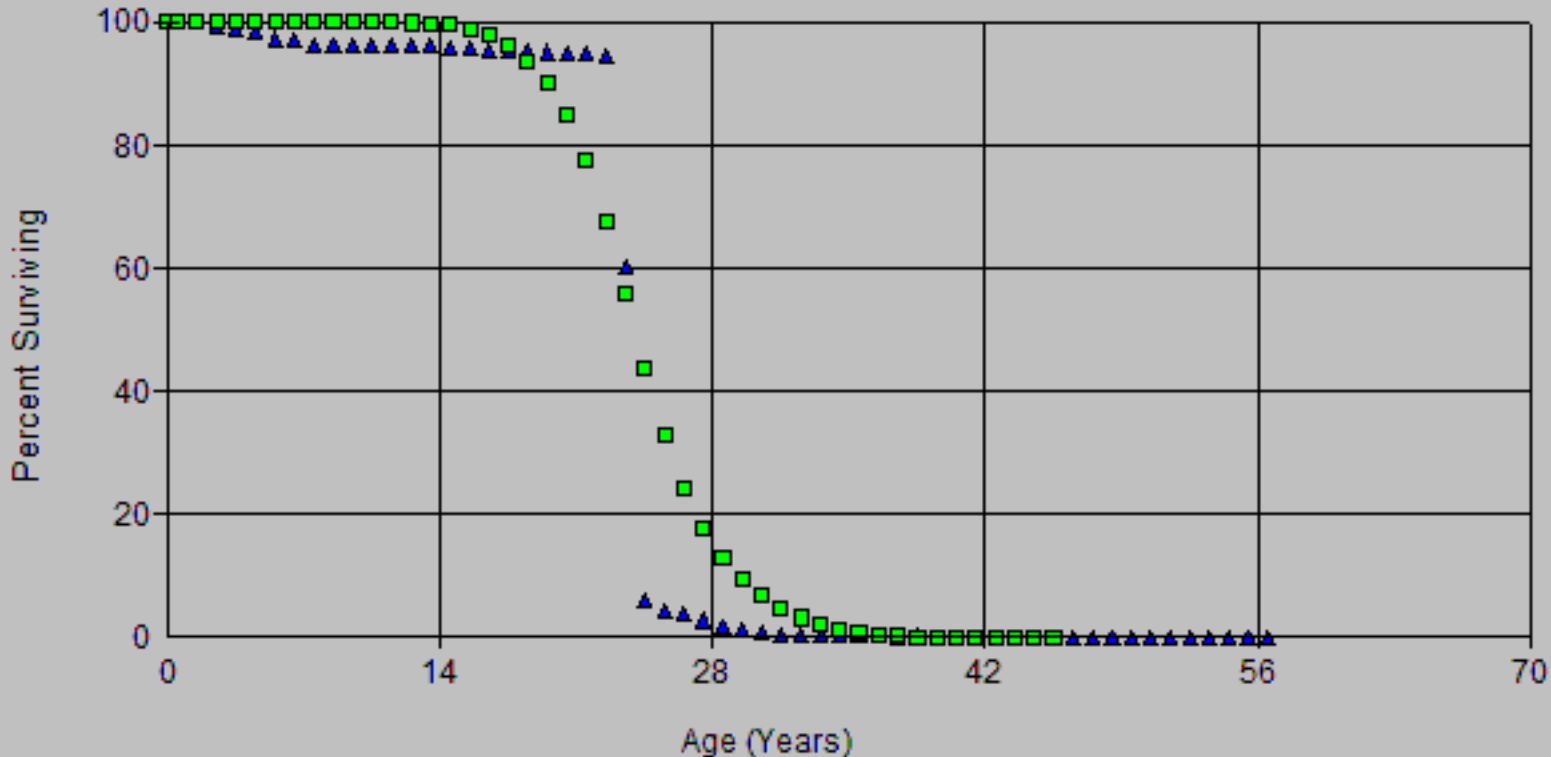
■ L4 20.00



Account: G394-10-Portable Tools
Scenario: SDGE Actuarial @ 2020

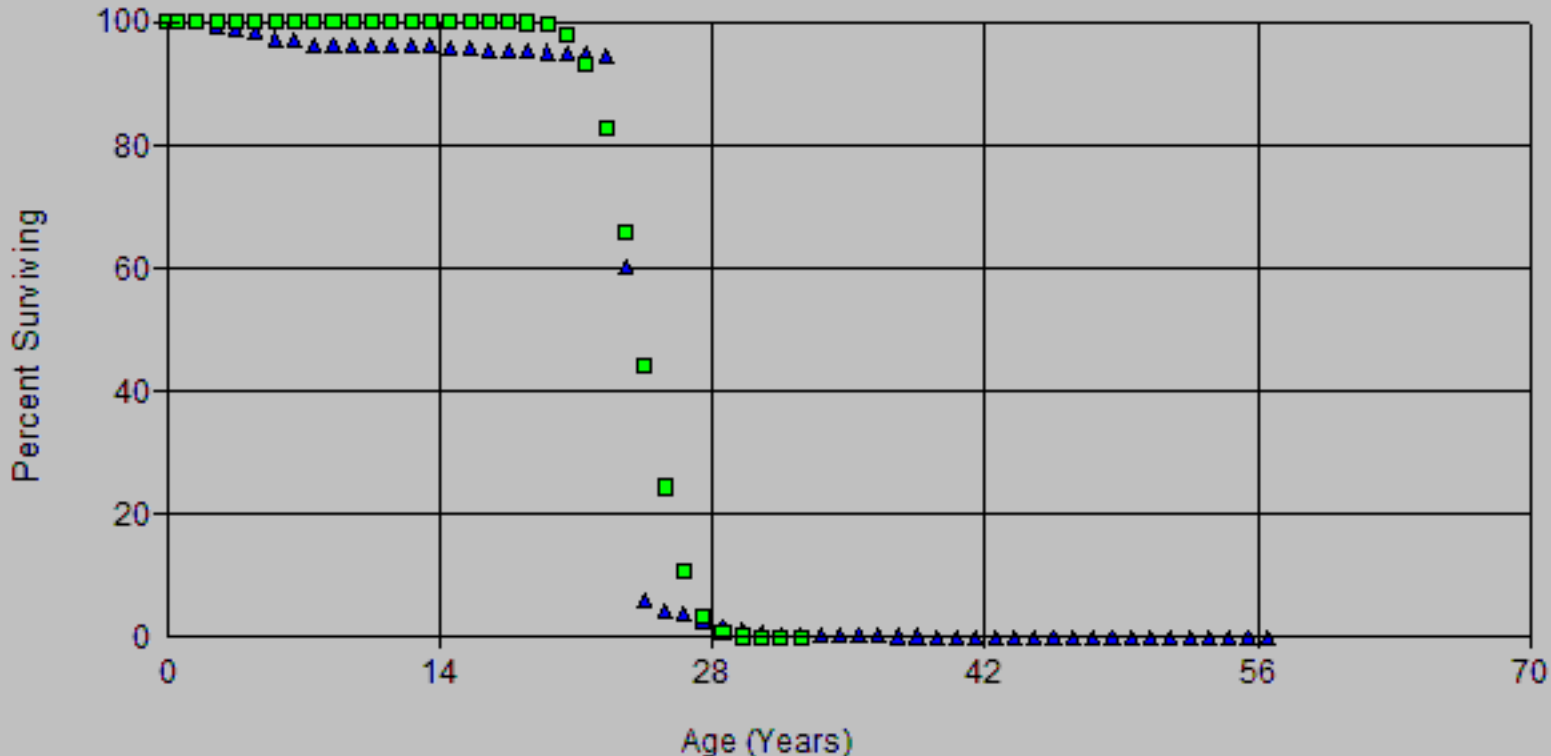
SDG&E
2024 GRC - APP
Depreciation

▲ Actual Data ■ L5 24.00



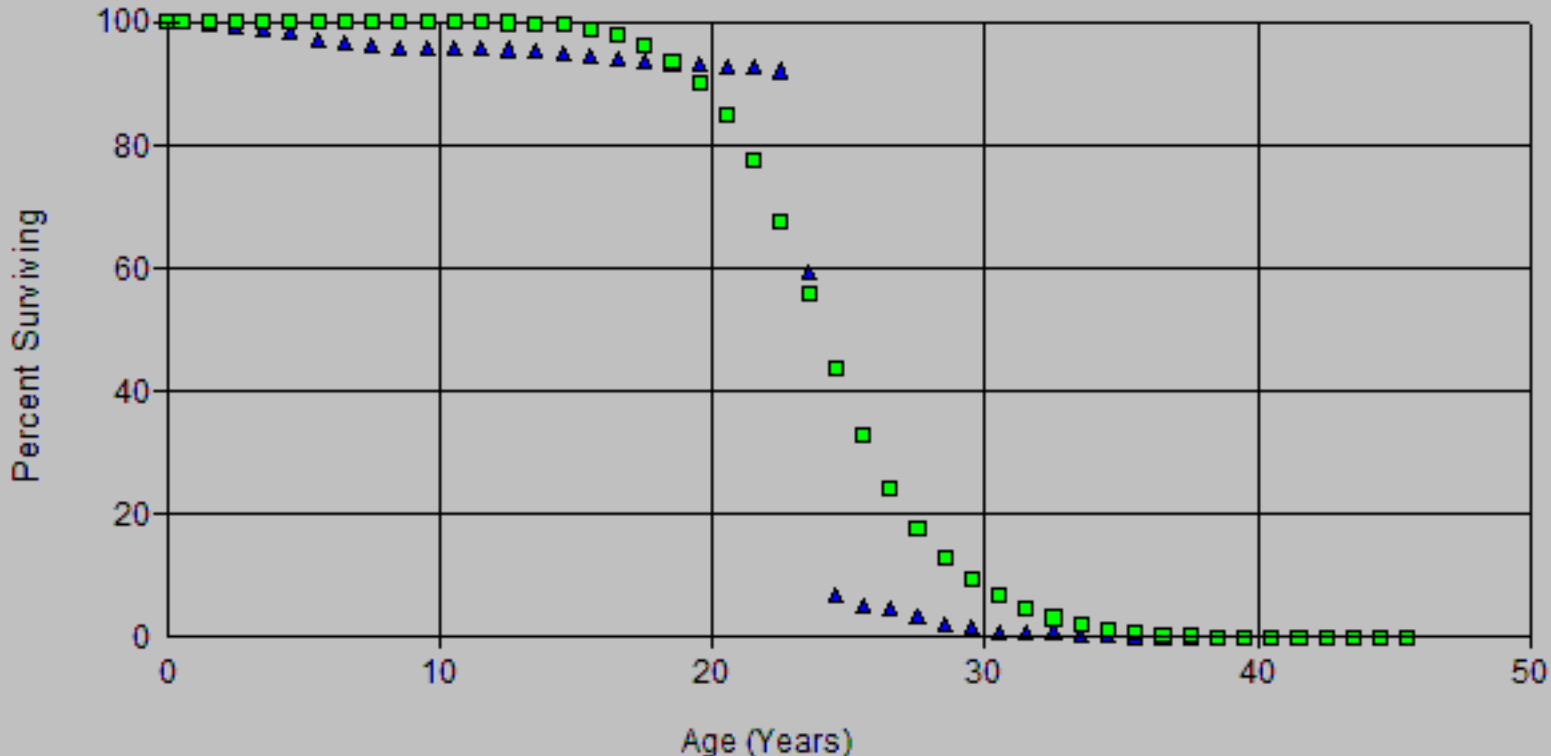
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 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ S6 24.00



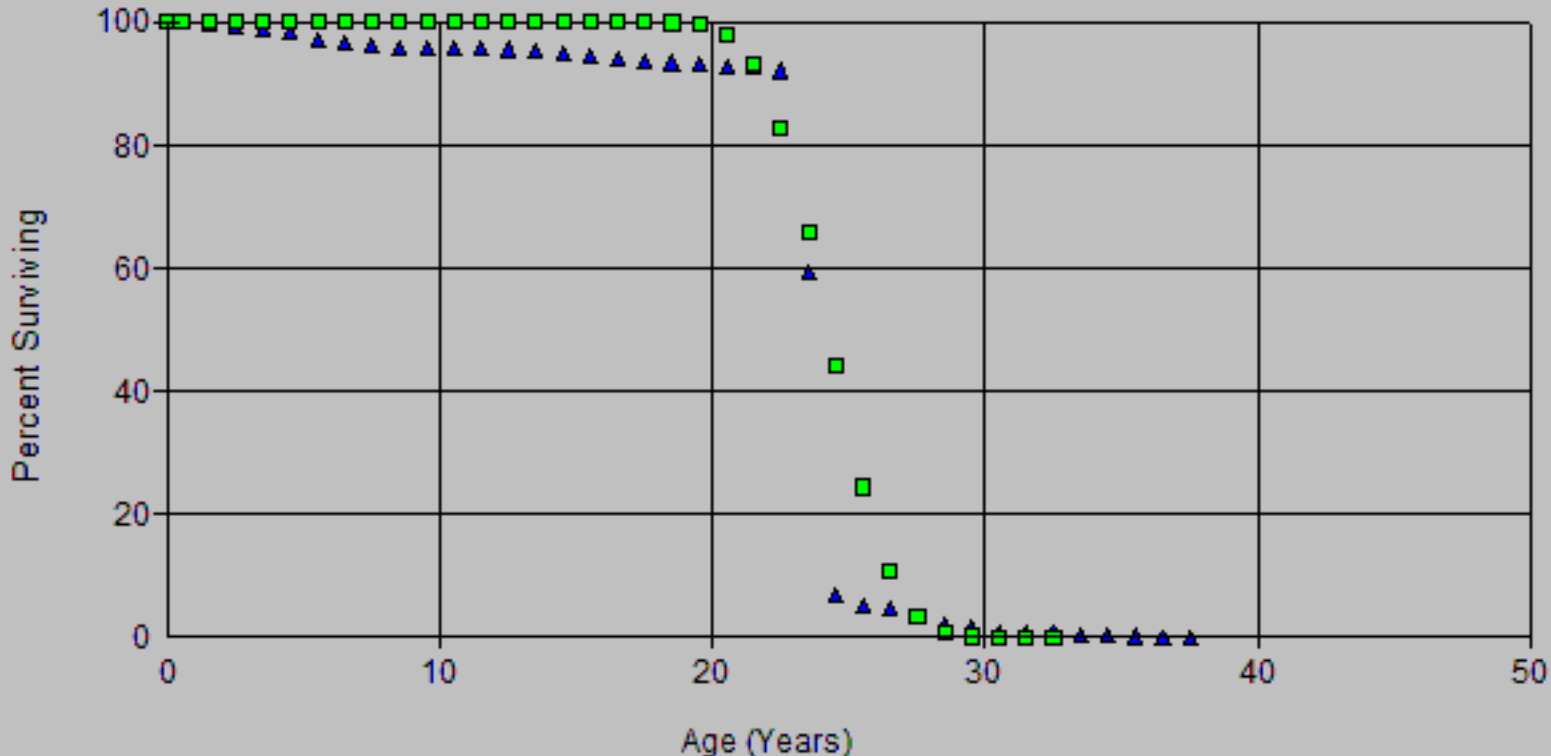
Account: G394-10 Portable Tools
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ L5 24.00



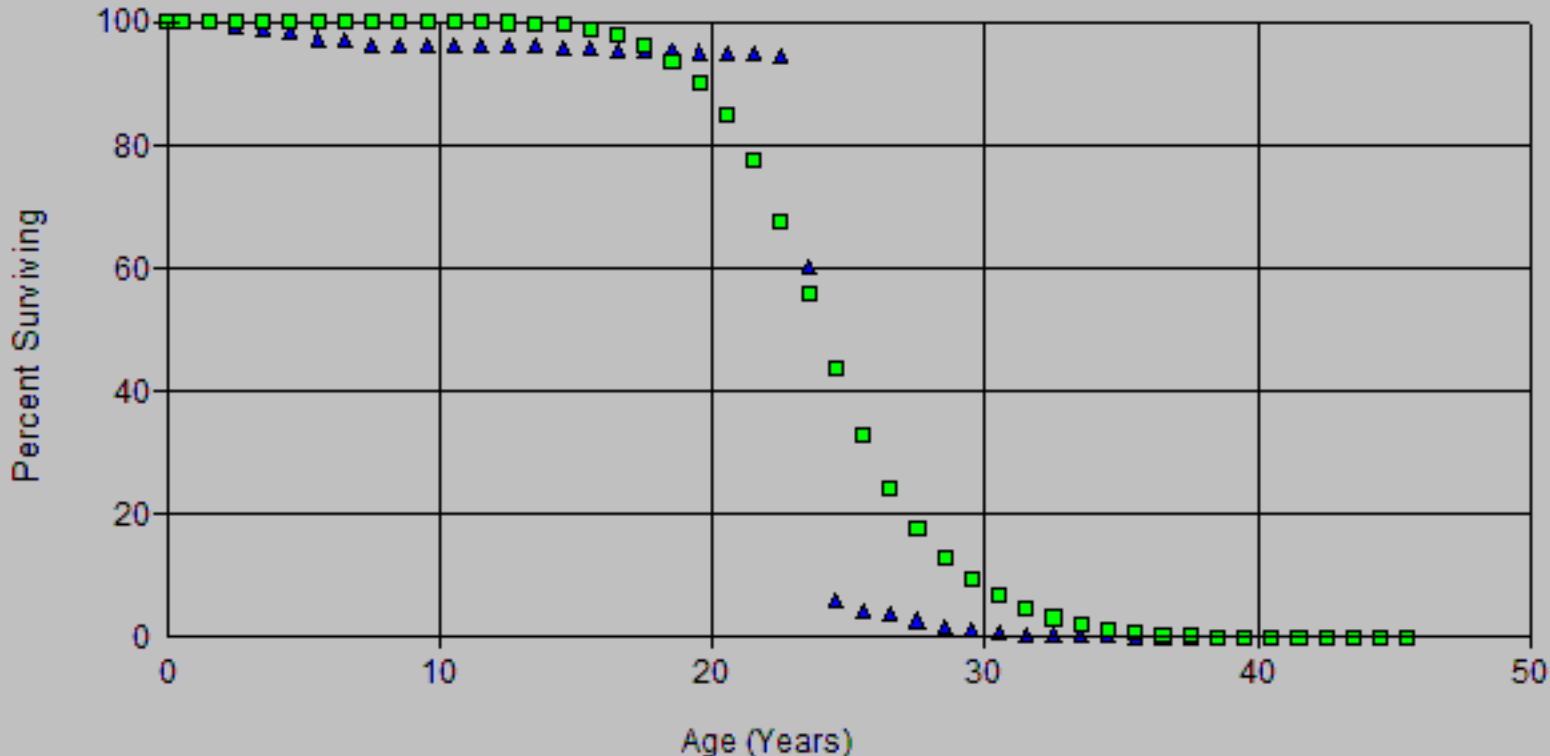
Account: G394-10 Portable Tools
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ S6 24.00



Account: G394-10 Portable Tools
 Scenario: SDGE Actuarial @ 2020

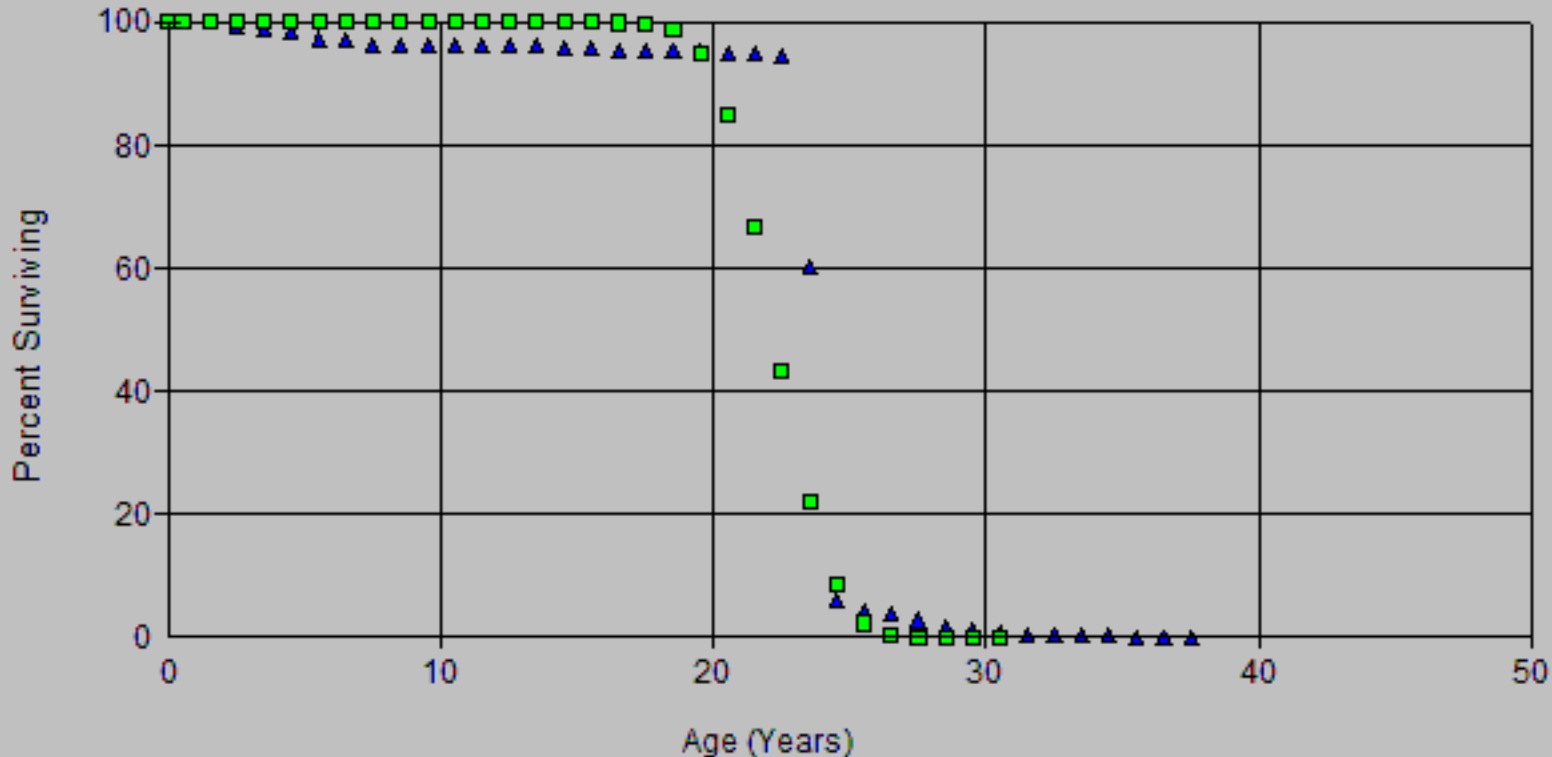
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Account: G394-10-Portable Tools
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRC - APP
Depreciation

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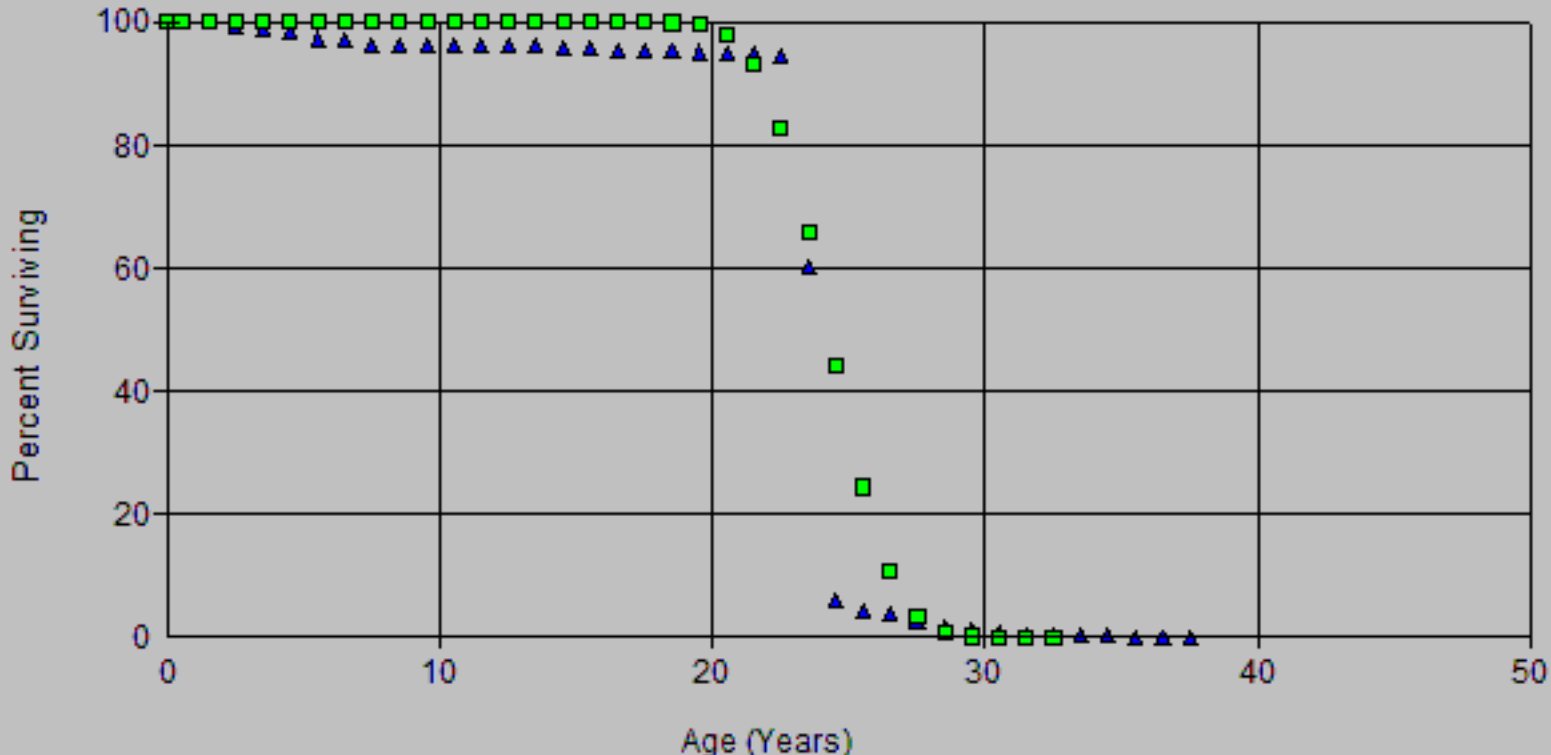


Account: G394-10 Portable Tools
Scenario: SDGE Actuarial @ 2020

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Depreciation

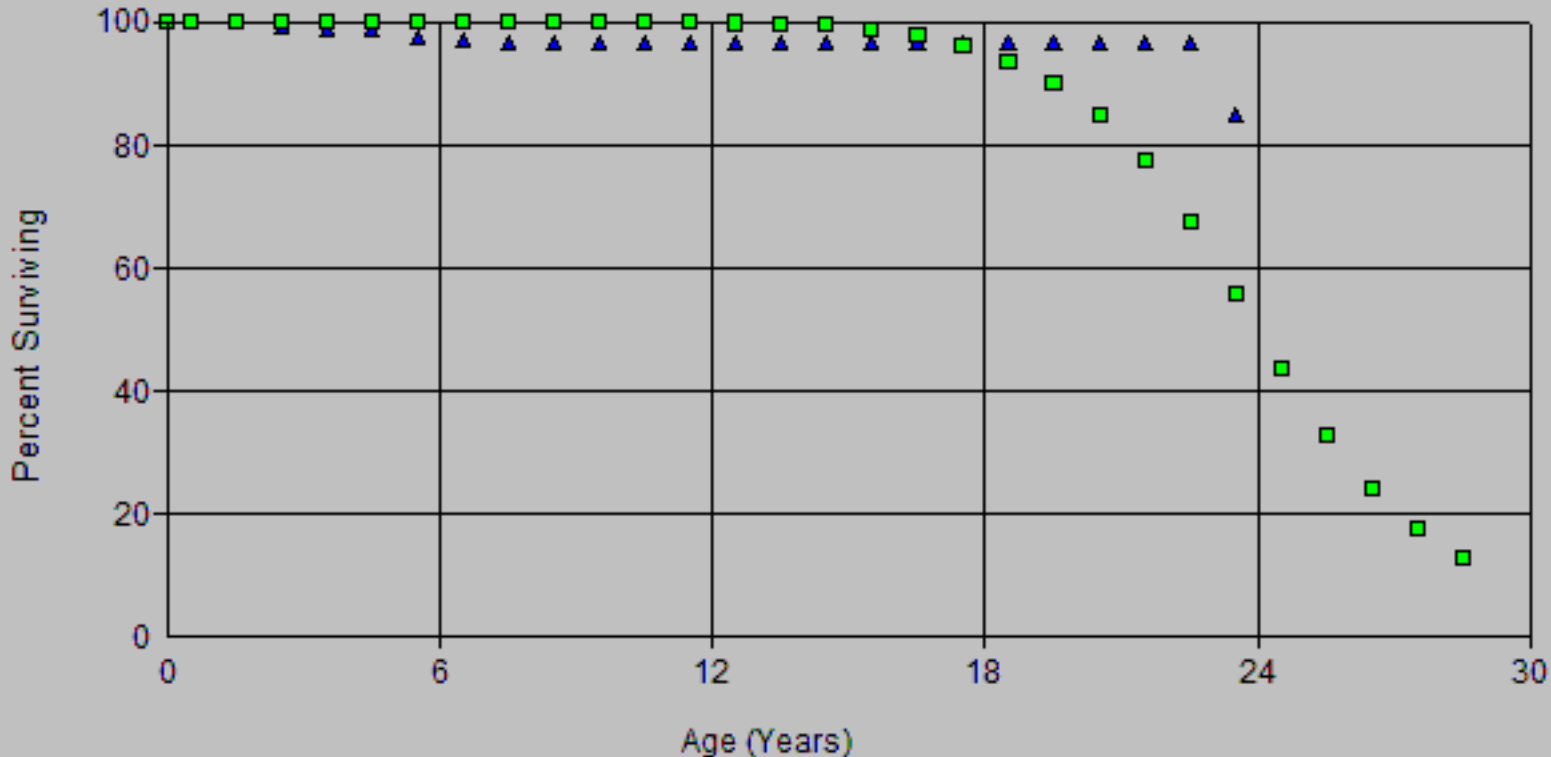
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■ S6 24.00



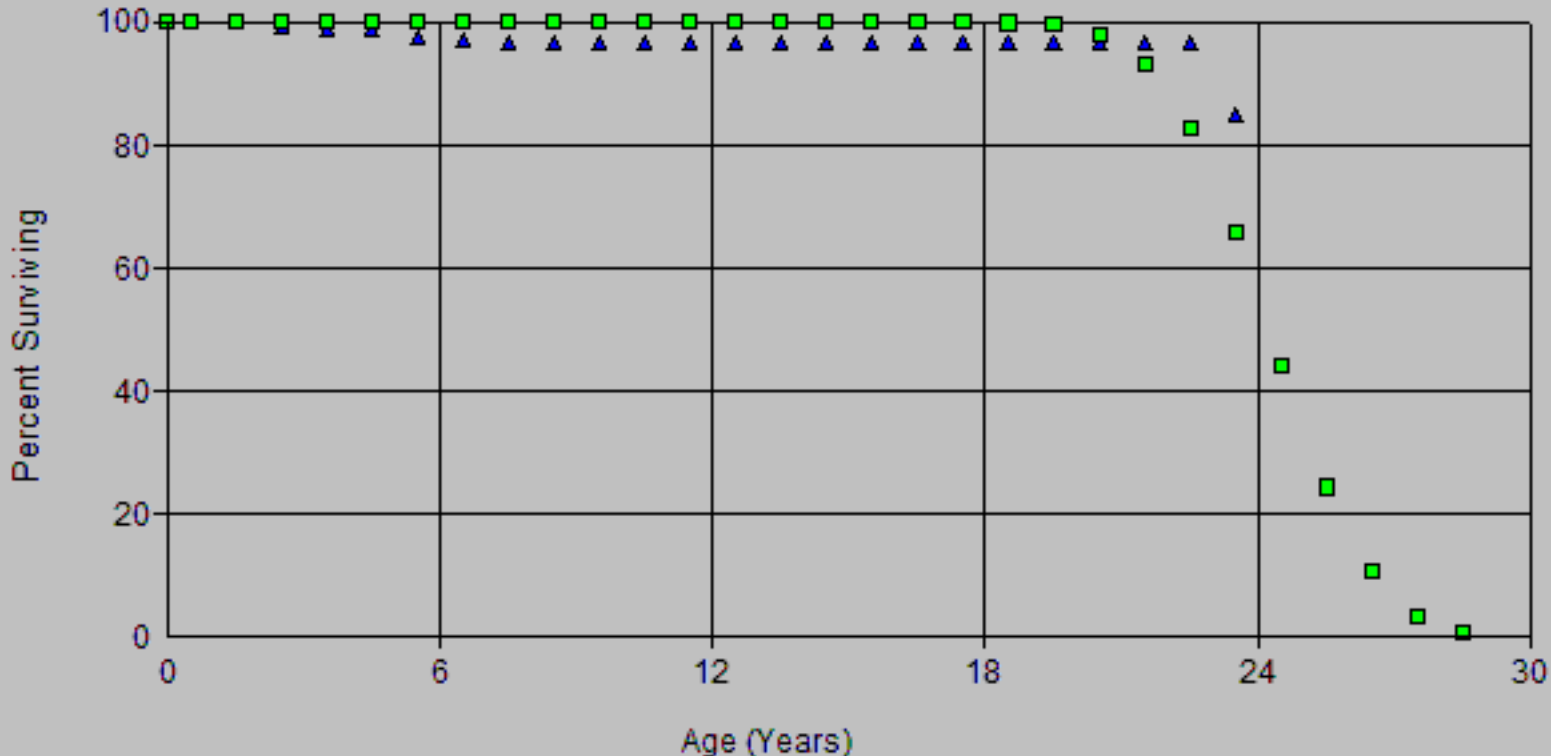
Account: G394-10-Portable Tools
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ L5 24.00



Account: G394-10-Portable Tools
 Scenario: SDGE Actuarial @ 2020

▲ Actual Data ■ S6 24.00



Scenario: SDGE Actuarial @ 2020
Account: G394.10-Portable Tools
Placement Band: 1931 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	25,292,974.43	791.00	0.00003	0.99997	100.00
0.5	18,076,601.32	7,696.00	0.00043	0.99957	100.00
1.5	14,829,484.46	108,196.00	0.00730	0.99270	99.95
2.5	14,388,291.58	50,366.56	0.00350	0.99650	99.22
3.5	12,599,007.63	51,693.61	0.00410	0.99590	98.88
4.5	10,677,151.51	133,034.38	0.01246	0.98754	98.47
5.5	10,003,226.24	35,847.64	0.00358	0.99642	97.25
6.5	9,835,935.56	70,330.19	0.00715	0.99285	96.90
7.5	9,256,221.22	17,950.00	0.00194	0.99806	96.20
8.5	8,697,677.01	9,630.00	0.00111	0.99889	96.02
9.5	8,309,796.82	11,371.00	0.00137	0.99863	95.91
10.5	8,108,054.48	13,336.00	0.00164	0.99836	95.78
11.5	7,753,113.45	9,386.00	0.00121	0.99879	95.62
12.5	7,642,541.00	17,340.00	0.00227	0.99773	95.51
13.5	7,364,193.74	23,772.87	0.00323	0.99677	95.29
14.5	6,829,947.15	38,591.00	0.00565	0.99435	94.98
15.5	6,622,221.33	28,208.00	0.00426	0.99574	94.44
16.5	6,271,461.53	34,187.00	0.00545	0.99455	94.04
17.5	5,770,928.40	18,044.00	0.00313	0.99687	93.53
18.5	5,222,754.92	14,240.00	0.00273	0.99727	93.24
19.5	4,874,639.77	11,280.00	0.00231	0.99769	92.98
20.5	4,497,848.14	9,764.00	0.00217	0.99783	92.77
21.5	4,205,967.50	31,214.00	0.00742	0.99258	92.57
22.5	3,891,226.91	1,338,446.72	0.34397	0.65603	91.88
23.5	2,268,377.62	1,872,417.56	0.82544	0.17456	60.28
24.5	398,147.06	65,909.83	0.16554	0.83446	10.52
25.5	334,581.23	18,962.41	0.05668	0.94332	8.78
26.5	316,366.82	55,376.95	0.17504	0.82496	8.28
27.5	261,166.87	50,428.38	0.19309	0.80691	6.83
28.5	211,158.49	30,992.03	0.14677	0.85323	5.51
29.5	180,340.46	36,169.89	0.20056	0.79944	4.70
30.5	144,170.57	15,972.09	0.11079	0.88921	3.76
31.5	128,198.48	4,693.26	0.03661	0.96339	3.34
32.5	123,505.22	11,120.98	0.09004	0.90996	3.22
33.5	112,384.24	7,329.13	0.06521	0.93479	2.93
34.5	105,055.11	10,683.94	0.10170	0.89830	2.74
35.5	94,371.17	11,730.64	0.12430	0.87570	2.46
36.5	82,640.53	8,214.46	0.09940	0.90060	2.16
37.5	74,426.07	11,128.87	0.14953	0.85047	1.94
38.5	63,297.20	12,152.40	0.19199	0.80801	1.65
39.5	51,144.80	14,532.32	0.28414	0.71586	1.34
40.5	36,612.48	5,775.00	0.15773	0.84227	0.96
41.5	30,837.48	2,789.56	0.09046	0.90954	0.81
42.5	28,047.92	2,003.00	0.07141	0.92859	0.73
43.5	26,044.92	4,229.48	0.16239	0.83761	0.68
44.5	21,815.44	4,597.13	0.21073	0.78927	0.57
45.5	17,218.31	5,391.78	0.31314	0.68686	0.45
46.5	11,826.53	1,635.87	0.13832	0.86168	0.31
47.5	10,190.66	1,181.66	0.11596	0.88404	0.27
48.5	9,009.00	695.00	0.07715	0.92285	0.24
49.5	8,314.00	2,383.00	0.28662	0.71338	0.22
50.5	5,931.00	1,063.00	0.17923	0.82077	0.16
51.5	4,868.00	1,183.00	0.24302	0.75698	0.13
52.5	3,685.00	1,996.00	0.43582	0.56418	0.10

Scenario: SDGE Actuarial @ 2020

Account: G394.10-Portable Tools

Placement Band: 1931 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	2,079.00	0.00	0.00000	1.00000	0.05
54.5	2,079.00	861.00	0.41414	0.58586	0.05
55.5	1,218.00	330.00	0.27094	0.72906	0.03
56.5	888.00	574.00	0.64640	0.35360	0.02
57.5	314.00	314.00	1.00000	0.00000	0.01
58.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: G394.10-Portable Tools
Placement Band: 1931 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	23,422,805.84	0.00	0.00000	1.00000	100.00
0.5	16,368,477.35	0.00	0.00000	1.00000	100.00
1.5	13,225,504.94	102,722.00	0.00777	0.99223	100.00
2.5	12,973,849.20	29,536.56	0.00228	0.99772	99.22
3.5	11,452,215.12	44,417.61	0.00388	0.99612	99.00
4.5	9,650,696.85	121,637.38	0.01260	0.98740	98.61
5.5	9,105,846.21	30,417.64	0.00334	0.99666	97.37
6.5	8,963,624.06	55,419.19	0.00618	0.99382	97.05
7.5	8,422,638.88	7,322.00	0.00087	0.99913	96.45
8.5	7,900,148.77	6,069.00	0.00077	0.99923	96.36
9.5	7,531,549.60	2,533.00	0.00034	0.99966	96.29
10.5	7,407,756.59	2,827.00	0.00038	0.99962	96.25
11.5	7,092,342.05	0.00	0.00000	1.00000	96.22
12.5	6,990,345.84	3,626.00	0.00052	0.99948	96.22
13.5	6,747,777.11	12,516.87	0.00185	0.99815	96.17
14.5	6,218,313.12	14,880.00	0.00239	0.99761	95.99
15.5	6,114,423.27	14,835.00	0.00243	0.99757	95.76
16.5	5,838,301.30	8,206.00	0.00141	0.99859	95.53
17.5	5,375,353.58	2,212.00	0.00041	0.99959	95.39
18.5	4,894,148.05	5,455.00	0.00111	0.99889	95.35
19.5	4,593,294.28	6,422.00	0.00140	0.99860	95.25
20.5	4,248,554.68	3,442.00	0.00081	0.99919	95.11
21.5	3,996,232.93	27,064.00	0.00677	0.99323	95.04
22.5	3,697,937.43	1,335,354.72	0.36111	0.63889	94.39
23.5	2,077,797.40	1,865,847.56	0.89799	0.10201	60.31
24.5	218,742.82	62,841.83	0.28729	0.71271	6.15
25.5	160,457.12	15,496.41	0.09658	0.90342	4.39
26.5	148,908.65	44,856.95	0.30124	0.69876	3.96
27.5	107,860.34	39,492.38	0.36614	0.63386	2.77
28.5	71,442.42	22,886.03	0.32034	0.67966	1.76
29.5	58,465.26	27,885.89	0.47697	0.52303	1.19
30.5	42,642.77	8,928.09	0.20937	0.79063	0.62
31.5	48,430.00	3,084.26	0.06368	0.93632	0.49
32.5	46,560.74	7,830.98	0.16819	0.83181	0.46
33.5	42,846.32	6,323.13	0.14758	0.85242	0.38
34.5	45,285.19	9,131.94	0.20165	0.79835	0.33
35.5	36,602.73	4,644.64	0.12689	0.87311	0.26
36.5	33,973.22	6,325.46	0.18619	0.81381	0.23
37.5	30,049.54	5,497.87	0.18296	0.81704	0.19
38.5	25,367.54	7,042.40	0.27761	0.72239	0.15
39.5	22,689.80	8,710.32	0.38389	0.61611	0.11
40.5	15,024.48	4,502.00	0.29964	0.70036	0.07
41.5	10,522.48	2,628.56	0.24980	0.75020	0.05
42.5	12,463.92	1,384.00	0.11104	0.88896	0.04
43.5	14,263.92	3,914.48	0.27443	0.72557	0.03
44.5	12,241.44	4,240.13	0.34638	0.65362	0.02
45.5	8,001.31	3,205.78	0.40066	0.59934	0.02
46.5	4,795.53	815.87	0.17013	0.82987	0.01
47.5	3,979.66	1,041.66	0.26175	0.73825	0.01
48.5	2,938.00	0.00	0.00000	1.00000	0.01
49.5	4,129.00	1,875.00	0.45411	0.54589	0.01
50.5	2,254.00	1,063.00	0.47161	0.52839	0.00
51.5	2,528.00	0.00	0.00000	1.00000	0.00
52.5	2,842.00	763.00	0.26847	0.73153	0.00

Scenario: SDGE Actuarial @ 2020

Account: G394.10-Portable Tools

Placement Band: 1931 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	2,079.00	0.00	0.00000	1.00000	0.00
54.5	2,079.00	861.00	0.41414	0.58586	0.00
55.5	1,218.00	330.00	0.27094	0.72906	0.00
56.5	888.00	574.00	0.64640	0.35360	0.00
57.5	314.00	314.00	1.00000	0.00000	0.00
58.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: G394.10-Portable Tools
Placement Band: 1961 - 2020

Observation Band: 1961 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	25,292,974.43	791.00	0.00003	0.99997	100.00
0.5	18,050,508.92	7,583.00	0.00042	0.99958	100.00
1.5	14,768,828.74	108,196.00	0.00733	0.99267	99.96
2.5	14,316,901.86	50,253.56	0.00351	0.99649	99.22
3.5	12,517,482.35	51,193.61	0.00409	0.99591	98.87
4.5	10,578,536.23	131,882.38	0.01247	0.98753	98.47
5.5	9,904,512.48	34,110.64	0.00344	0.99656	97.24
6.5	9,734,455.67	68,907.19	0.00708	0.99292	96.91
7.5	9,151,445.55	17,580.00	0.00192	0.99808	96.22
8.5	8,589,702.47	8,859.00	0.00103	0.99897	96.04
9.5	8,187,335.62	10,538.00	0.00129	0.99871	95.94
10.5	7,983,657.28	6,191.00	0.00078	0.99922	95.81
11.5	7,629,219.25	7,349.00	0.00096	0.99904	95.74
12.5	7,506,173.80	16,955.00	0.00226	0.99774	95.65
13.5	7,212,177.54	20,665.87	0.00287	0.99713	95.43
14.5	6,671,842.95	37,686.00	0.00565	0.99435	95.16
15.5	6,464,583.13	27,551.00	0.00426	0.99574	94.62
16.5	6,114,275.33	32,012.00	0.00524	0.99476	94.22
17.5	5,615,017.20	16,562.00	0.00295	0.99705	93.72
18.5	5,068,325.72	11,611.00	0.00229	0.99771	93.45
19.5	4,717,594.57	9,808.00	0.00208	0.99792	93.23
20.5	4,342,176.94	7,877.00	0.00181	0.99819	93.04
21.5	4,050,458.30	28,975.00	0.00715	0.99285	92.87
22.5	3,737,005.71	1,336,744.72	0.35770	0.64230	92.21
23.5	2,114,828.42	1,868,008.56	0.88329	0.11671	59.22
24.5	246,819.86	64,255.83	0.26033	0.73967	6.91
25.5	182,564.03	16,066.41	0.08800	0.91200	5.11
26.5	166,497.62	45,653.95	0.27420	0.72580	4.66
27.5	120,843.67	39,492.38	0.32681	0.67319	3.38
28.5	81,351.29	22,886.03	0.28132	0.71868	2.28
29.5	58,465.26	27,885.89	0.47697	0.52303	1.64
30.5	30,579.37	6,814.09	0.22283	0.77717	0.86
31.5	23,765.28	1,388.26	0.05842	0.94158	0.67
32.5	22,377.02	5,267.98	0.23542	0.76458	0.63
33.5	17,109.04	3,541.13	0.20697	0.79303	0.48
34.5	13,567.91	6,583.94	0.48526	0.51474	0.38
35.5	6,983.97	1,697.64	0.24308	0.75692	0.20
36.5	5,286.33	1,458.46	0.27589	0.72411	0.15
37.5	3,827.87	3,827.87	1.00000	0.00000	0.11
38.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: G394.10-Portable Tools
Placement Band: 1961 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	23,422,805.84	0.00	0.00000	1.00000	100.00
0.5	16,368,477.35	0.00	0.00000	1.00000	100.00
1.5	13,225,504.94	102,722.00	0.00777	0.99223	100.00
2.5	12,973,849.20	29,536.56	0.00228	0.99772	99.22
3.5	11,452,215.12	44,417.61	0.00388	0.99612	99.00
4.5	9,650,696.85	121,637.38	0.01260	0.98740	98.61
5.5	9,105,846.21	30,417.64	0.00334	0.99666	97.37
6.5	8,963,624.06	55,419.19	0.00618	0.99382	97.05
7.5	8,422,638.88	7,322.00	0.00087	0.99913	96.45
8.5	7,900,148.77	6,069.00	0.00077	0.99923	96.36
9.5	7,531,549.60	2,533.00	0.00034	0.99966	96.29
10.5	7,407,756.59	2,827.00	0.00038	0.99962	96.25
11.5	7,092,342.05	0.00	0.00000	1.00000	96.22
12.5	6,990,345.84	3,626.00	0.00052	0.99948	96.22
13.5	6,747,777.11	12,516.87	0.00185	0.99815	96.17
14.5	6,218,313.12	14,880.00	0.00239	0.99761	95.99
15.5	6,114,423.27	14,835.00	0.00243	0.99757	95.76
16.5	5,838,301.30	8,206.00	0.00141	0.99859	95.53
17.5	5,375,353.58	2,212.00	0.00041	0.99959	95.39
18.5	4,894,148.05	5,455.00	0.00111	0.99889	95.35
19.5	4,593,294.28	6,422.00	0.00140	0.99860	95.25
20.5	4,248,554.68	3,442.00	0.00081	0.99919	95.11
21.5	3,996,232.93	27,064.00	0.00677	0.99323	95.04
22.5	3,697,937.43	1,335,354.72	0.36111	0.63889	94.39
23.5	2,077,797.40	1,865,847.56	0.89799	0.10201	60.31
24.5	218,742.82	62,841.83	0.28729	0.71271	6.15
25.5	160,457.12	15,496.41	0.09658	0.90342	4.39
26.5	148,908.65	44,856.95	0.30124	0.69876	3.96
27.5	107,860.34	39,492.38	0.36614	0.63386	2.77
28.5	71,442.42	22,886.03	0.32034	0.67966	1.76
29.5	58,465.26	27,885.89	0.47697	0.52303	1.19
30.5	30,579.37	6,814.09	0.22283	0.77717	0.62
31.5	23,765.28	1,388.26	0.05842	0.94158	0.49
32.5	22,377.02	5,267.98	0.23542	0.76458	0.46
33.5	17,109.04	3,541.13	0.20697	0.79303	0.35
34.5	13,567.91	6,583.94	0.48526	0.51474	0.28
35.5	6,983.97	1,697.64	0.24308	0.75692	0.14
36.5	5,286.33	1,458.46	0.27589	0.72411	0.11
37.5	3,827.87	3,827.87	1.00000	0.00000	0.08
38.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020

Account: G394.10-Portable Tools

Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	23,422,805.84	0.00	0.00000	1.00000	100.00
0.5	16,181,131.33	0.00	0.00000	1.00000	100.00
1.5	12,907,034.15	101,654.00	0.00788	0.99212	100.00
2.5	12,461,649.27	22,164.56	0.00178	0.99822	99.21
3.5	10,692,479.76	34,327.61	0.00321	0.99679	99.04
4.5	8,758,958.64	111,572.38	0.01274	0.98726	98.72
5.5	8,105,244.89	21,760.64	0.00268	0.99732	97.46
6.5	7,947,538.08	47,745.19	0.00601	0.99399	97.20
7.5	7,385,689.96	0.00	0.00000	1.00000	96.61
8.5	6,841,526.88	0.00	0.00000	1.00000	96.61
9.5	6,448,019.03	0.00	0.00000	1.00000	96.61
10.5	6,254,878.69	0.00	0.00000	1.00000	96.61
11.5	5,906,631.66	0.00	0.00000	1.00000	96.61
12.5	5,745,409.21	0.00	0.00000	1.00000	96.61
13.5	5,467,765.95	0.00	0.00000	1.00000	96.61
14.5	4,948,097.23	0.00	0.00000	1.00000	96.61
15.5	4,778,220.41	0.00	0.00000	1.00000	96.61
16.5	4,453,391.61	0.00	0.00000	1.00000	96.61
17.5	3,986,145.48	0.00	0.00000	1.00000	96.61
18.5	3,456,016.00	0.00	0.00000	1.00000	96.61
19.5	3,116,895.85	0.00	0.00000	1.00000	96.61
20.5	2,751,286.22	0.00	0.00000	1.00000	96.61
21.5	2,467,444.58	0.00	0.00000	1.00000	96.61
22.5	2,182,966.99	265,094.02	0.12144	0.87856	96.61
23.5	1,632,440.40	1,632,440.40	1.00000	0.00000	84.88
24.5	0.00	0.00	0.00000	1.00000	0.00

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G394.10-Portable Tools

Scenario: SDGE Actuarial @ 2020

Placement Band: 1931 - 1965

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1961 -1965	34.5	68.94	0.01915004	L0	49.03
1962 -1966	35.5	74.98	0.00847767	L0	62.93
1963 -1967	36.5	75.51	0.00605798	L0	67.37
1964 -1968	37.5	63.36	0.01787734	R0.5	40.60
1965 -1969	38.5	46.63	0.01845405	L0.5	36.99
1966 -1970	39.5	29.94	0.07971346	L1	28.85
1967 -1971	40.5	45.62	0.02672670	L0.5	38.13
1968 -1972	41.5	35.02	0.03470317	L0	32.07
1969 -1973	42.5	35.85	0.03651335	S0	32.18
1970 -1974	43.5	37.66	0.04798522	L1.5	34.33
1971 -1975	44.5	51.72	0.04793491	L1.5	43.19
1972 -1976	45.5	28.22	0.05272582	S1	39.72
1973 -1977	46.5	36.60	0.02436367	S1.5	42.00
1974 -1978	47.5	52.59	0.01404369	L1.5	51.92
1975 -1979	48.5	45.16	0.03634917	R2.5	48.18
1976 -1980	49.5	0.00	0.19977915	R2.5	41.62
1977 -1981	50.5	0.00	0.38102392	R3	42.72
1978 -1982	51.5	0.00	0.45262268	R3	43.75
1979 -1983	52.5	23.99	0.04961591	R2.5	42.17
1980 -1984	53.5	37.94	0.03555801	R2	45.22
1981 -1985	54.5	59.30	0.03001034	R2	55.23
1982 -1986	55.5	57.62	0.02278488	R1.5	54.79
1983 -1987	56.5	0.00	0.04032276	L1	21.66
1984 -1988	57.5	0.00	0.02515787	L1.5	22.05
1985 -1989	58.5	0.00	0.02506876	L1.5	21.41
1986 -1990	59.5	0.00	0.01985634	L1	21.01
1987 -1991	60.5	0.04	0.02515657	S0	19.23
1988 -1992	61.5	0.90	0.03466888	R1	28.24
1989 -1993	62.5	2.53	0.02968170	R1.5	30.55
1990 -1994	63.5	3.60	0.05419604	R1.5	30.24
1991 -1995	64.5	4.12	0.05066294	S0.5	30.32
1992 -1996	65.5	0.00	0.03768195	R2	28.65
1993 -1997	66.5	0.00	0.03073190	S0.5	25.68
1994 -1998	67.5	0.00	0.03522079	S0.5	25.84
1995 -1999	68.5	0.00	0.08639254	R3	21.79
1996 -2000	69.5	0.00	0.27845649	R2	20.41
1997 -2001	70.5	0.00	0.40474613	R2.5	20.42
1998 -2002	71.5	0.00	0.61861793	R4	22.19
1999 -2003	72.5	0.00	0.80969574	R4	21.78
2000 -2004	73.5	0.00	0.76398890	R4	21.67
2001 -2005	74.5	0.00	0.05085025	SQ	23.82
2002 -2006	75.5	0.00	0.11833598	SQ	23.70
2003 -2007	76.5	0.00	0.08012351	SQ	23.42
2004 -2008	77.5	0.00	0.00000000	SQ	23.42

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G394.10-Portable Tools
Scenario: SDGE Actuarial @ 2020
Placement Band: 1931 - 2009
Function: Survivorship Annual Rate Method
Weighting: Unweighted
T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2005 -2009	78.5	0.00	0.00000000	SQ	23.20
2006 -2010	79.5	0.00	0.00000000	SQ	23.20
2007 -2011	80.5	0.00	0.00000000	SQ	23.20
2008 -2012	81.5	0.00	0.00000000	SQ	23.20
2009 -2013	82.5	0.00	0.00000000	SQ	23.20
2010 -2014	83.5	5.37	1.61150676	L4	26.30
2011 -2015	84.5	0.00	0.06015390	SQ	23.41
2012 -2016	85.5	0.00	0.14364101	SQ	23.67
2013 -2017	86.5	0.00	0.16662726	SQ	23.64
2014 -2018	87.5	0.00	0.02699450	SQ	23.88
2015 -2019	88.5	0.00	0.00966289	SQ	23.95
2016 -2020	89.5	0.00	0.00956484	SQ	23.95

Actuarial Life Analysis

SDG&E
2024 GRC - APP
Depreciation

Account: G394.10-Portable Tools

Scenario: SDGE Actuarial @ 2020

Placement Band: 1931 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

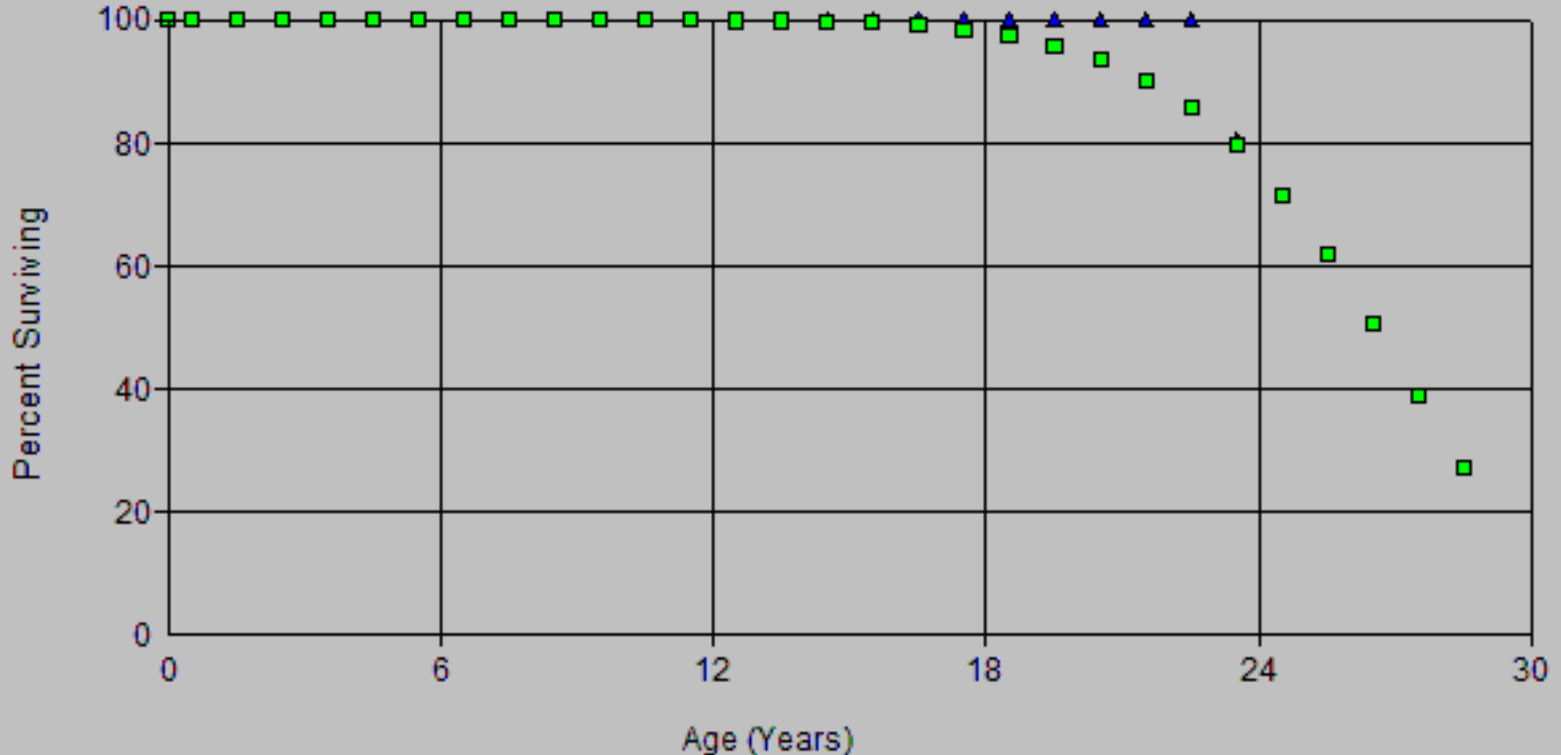
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1961 -2020	89.5	0.00	0.10393013	SQ	23.43
1966 -2020	89.5	0.00	0.09490949	SQ	23.41
1971 -2020	89.5	0.00	0.09148375	SQ	23.40
1976 -2020	89.5	0.00	0.16011369	S6	23.30
1981 -2020	89.5	0.00	0.17273158	S6	23.19
1986 -2020	89.5	0.00	0.20707645	S6	22.99
1991 -2020	89.5	0.00	0.19483549	S6	23.12
1996 -2020	89.5	0.00	0.22042345	S6	23.06
2001 -2020	89.5	0.00	0.15327224	SQ	23.66
2006 -2020	89.5	0.00	0.16048038	SQ	23.65
2011 -2020	89.5	0.00	0.07879250	SQ	23.77
2016 -2020	89.5	0.00	0.00956484	SQ	23.95

Account: G394.20 Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

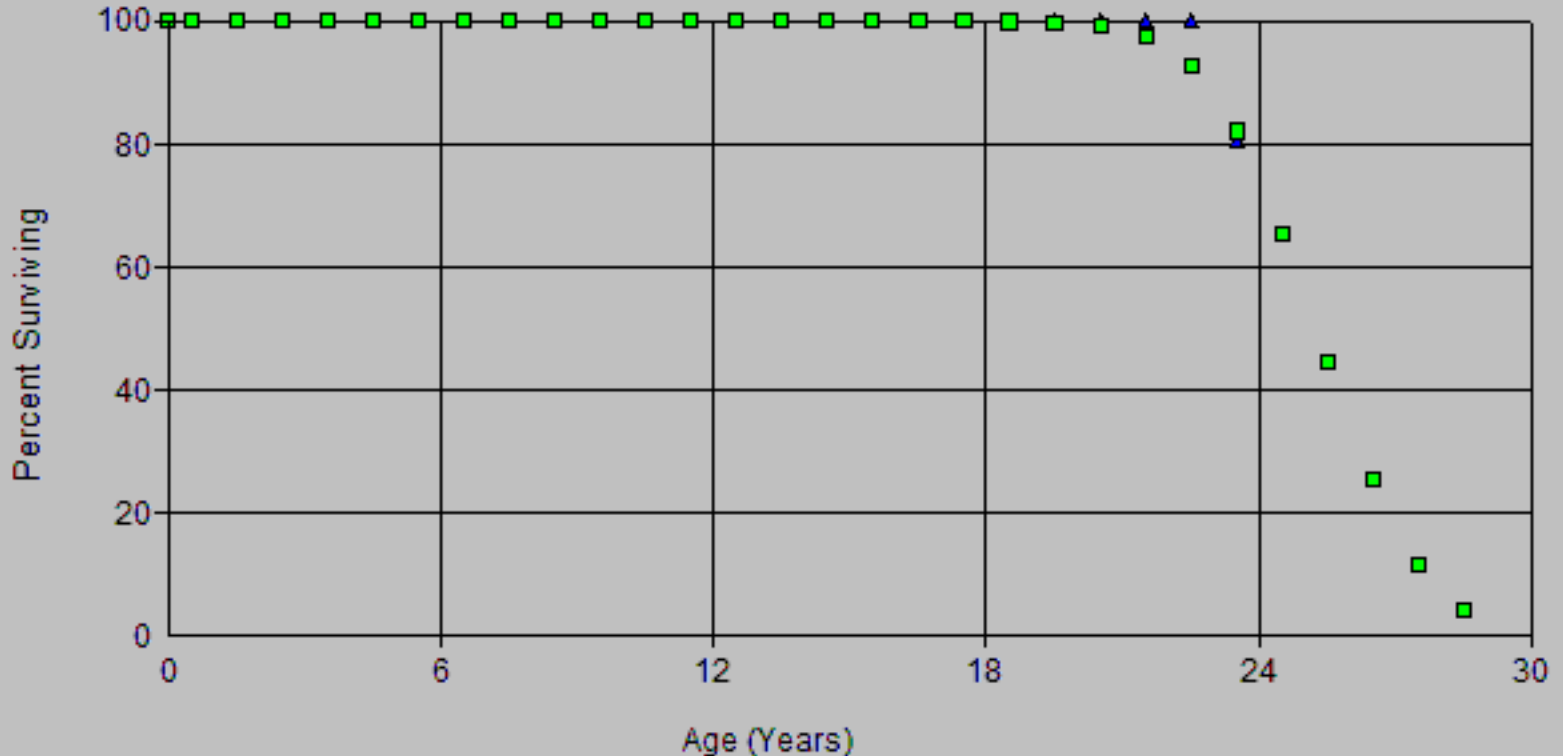
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Account: G394.20-Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data ■ S6 25.00

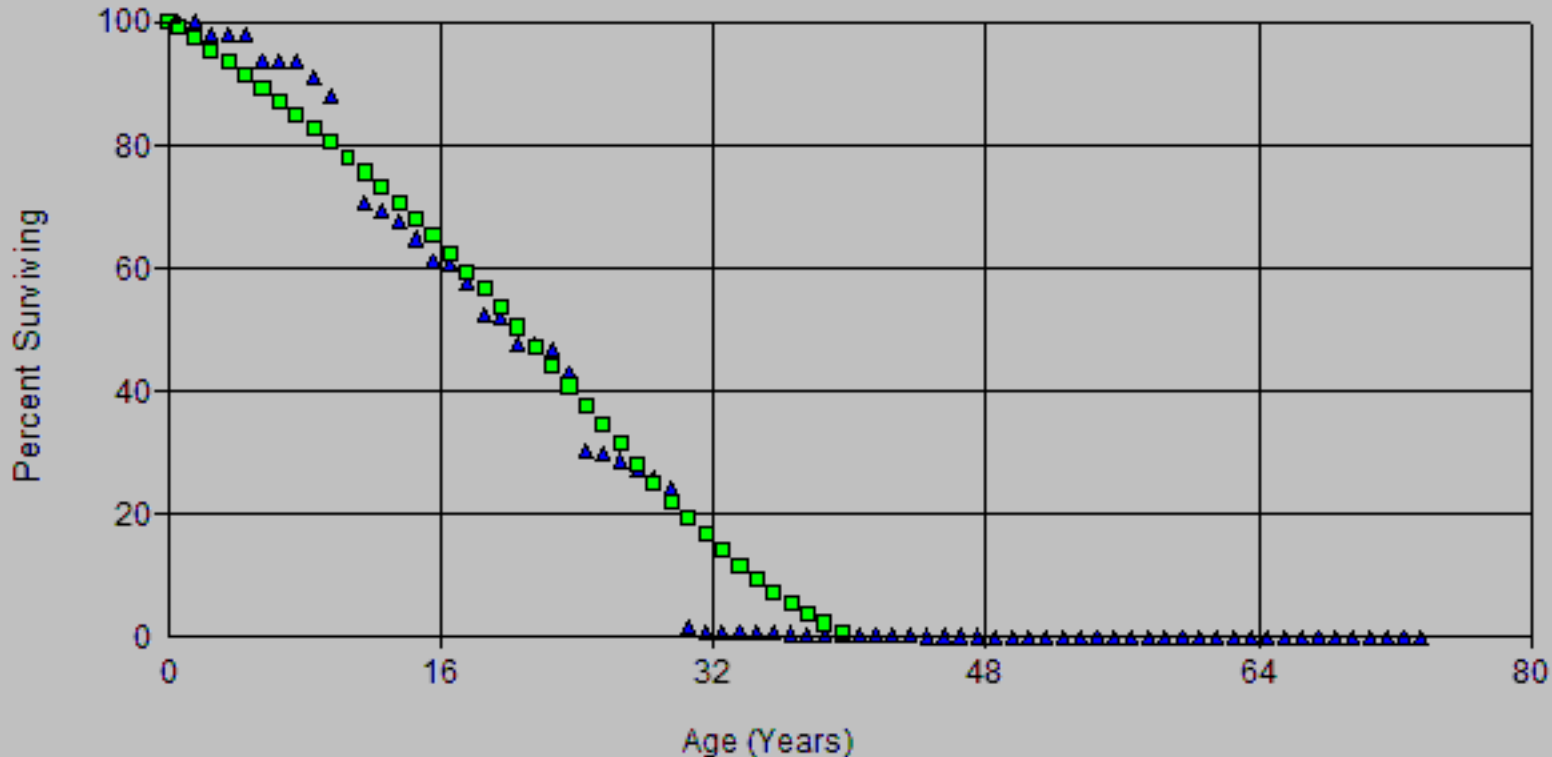


Account: G394.20 Shop Equipment
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

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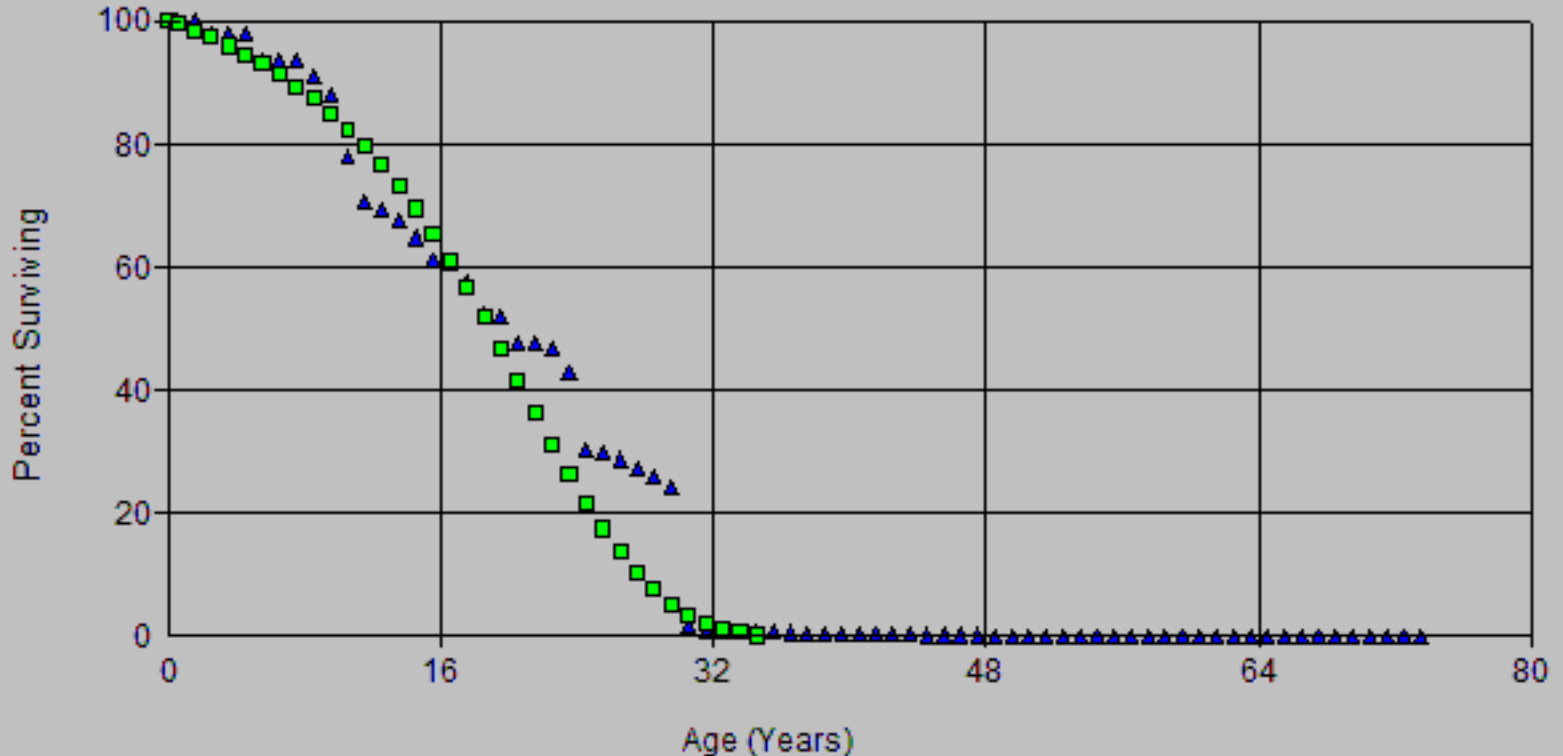


Account: G394.20 Shop Equipment
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

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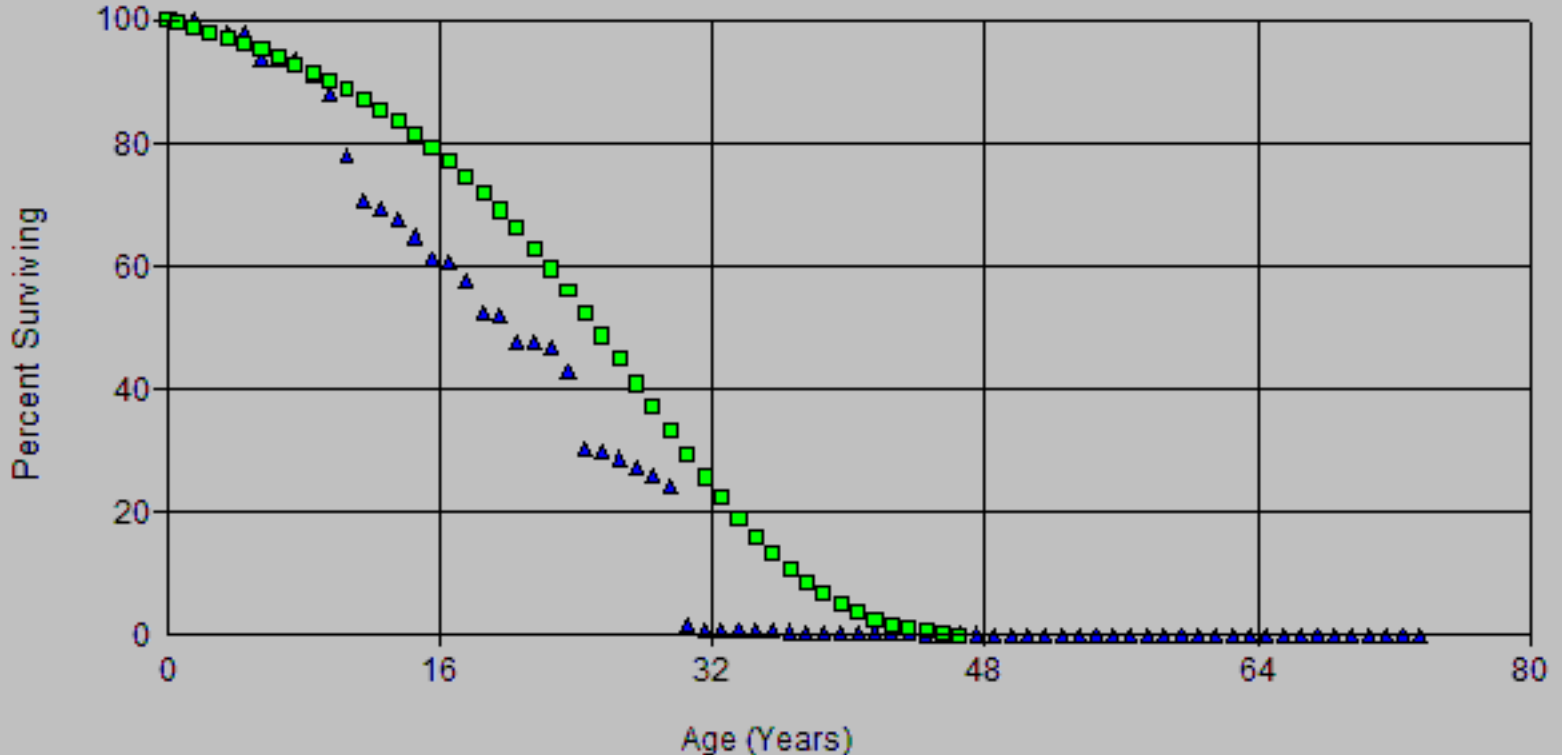


Account: G394.20 Shop Equipment
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

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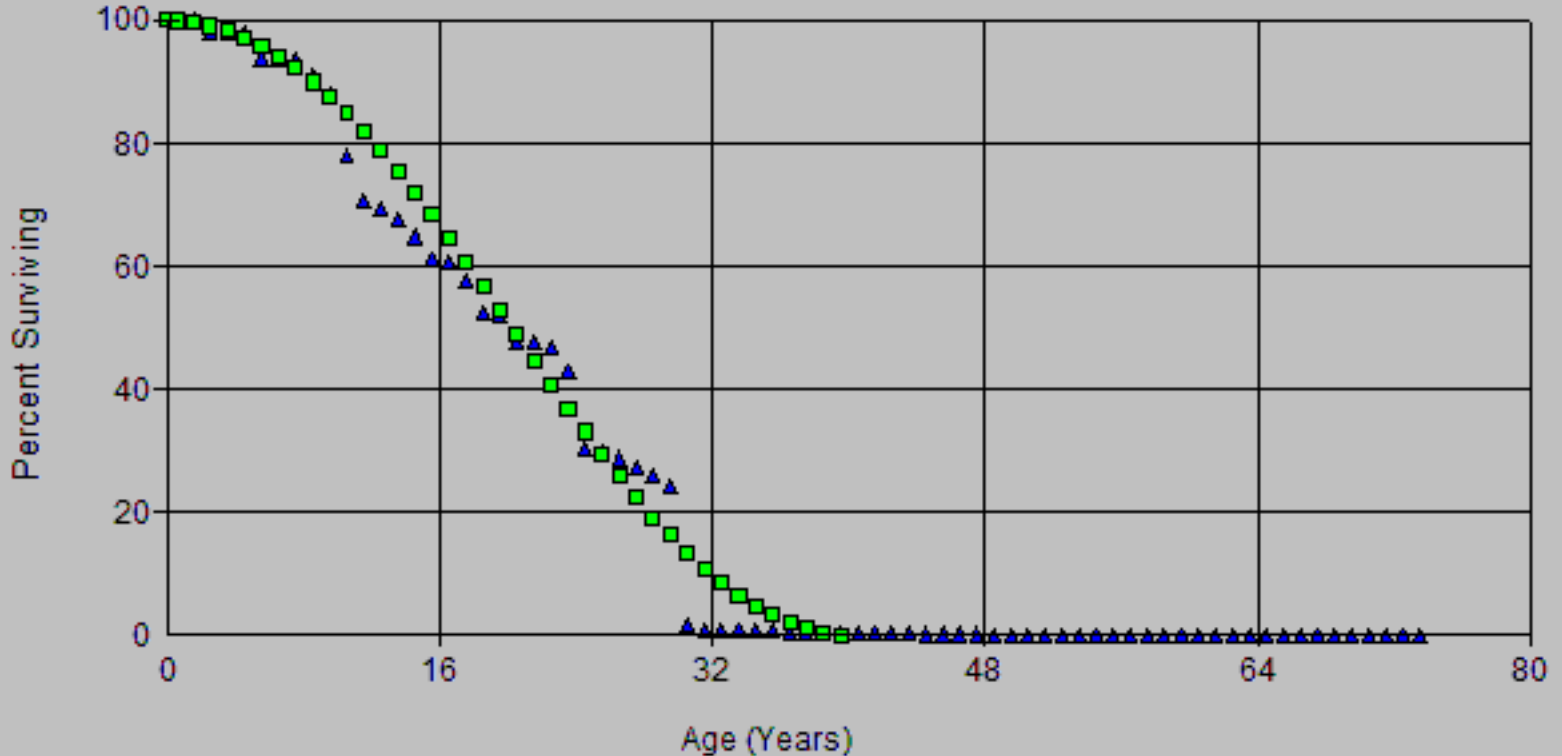


Account: G394.20 Shop Equipment
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

■ S0.5 20.00

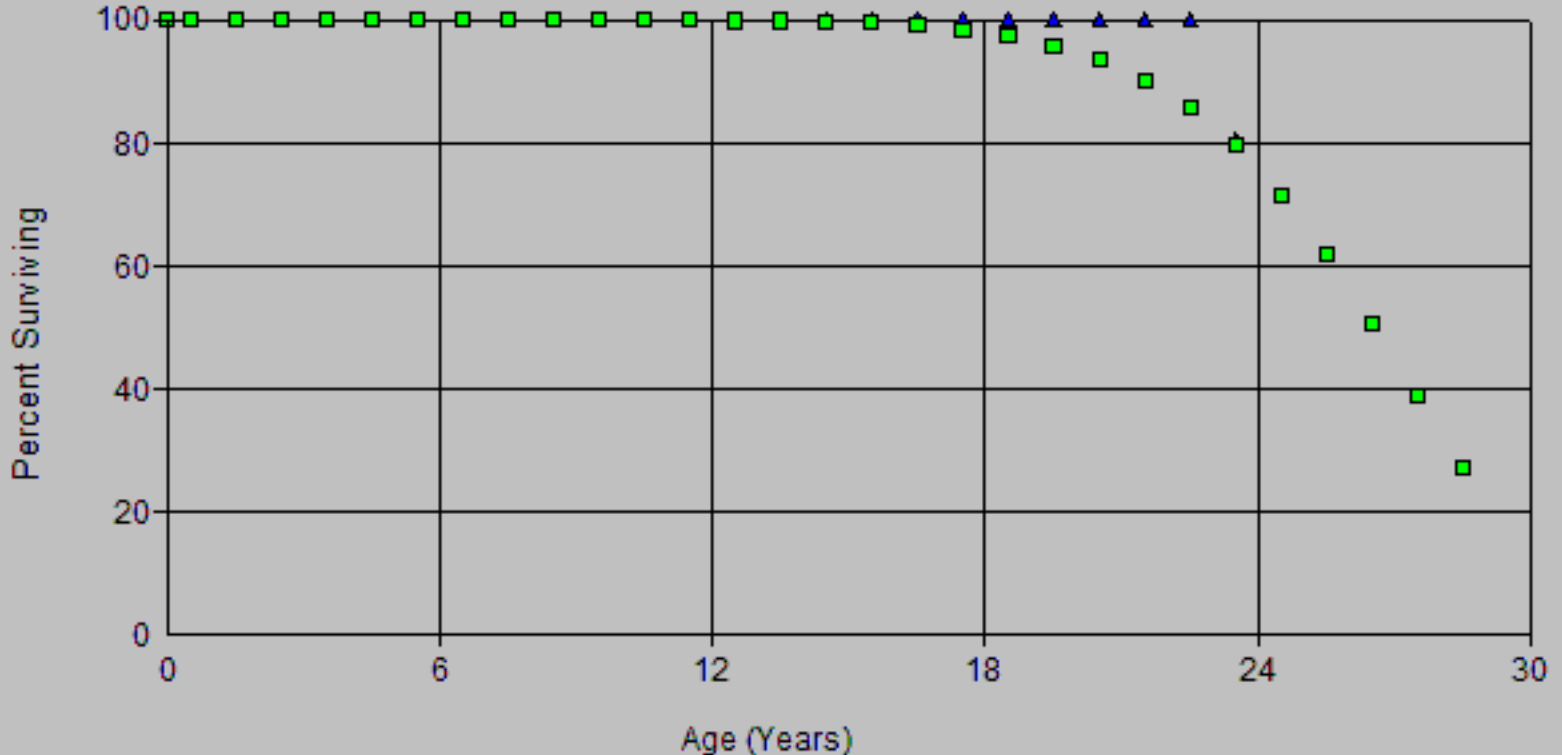


Account: G394.20 Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ R5 26.00

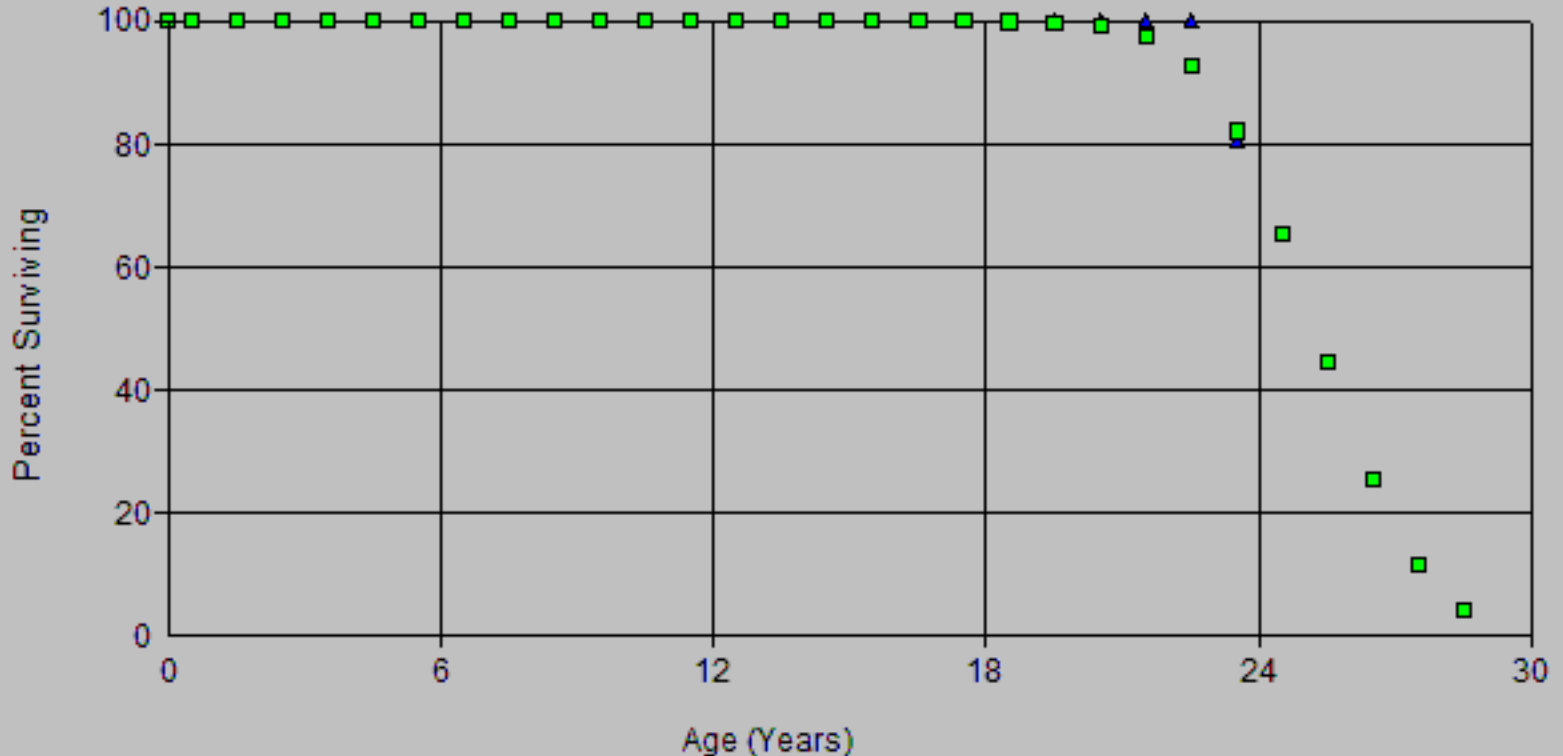


Account: G394.20-Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

■ S6 25.00

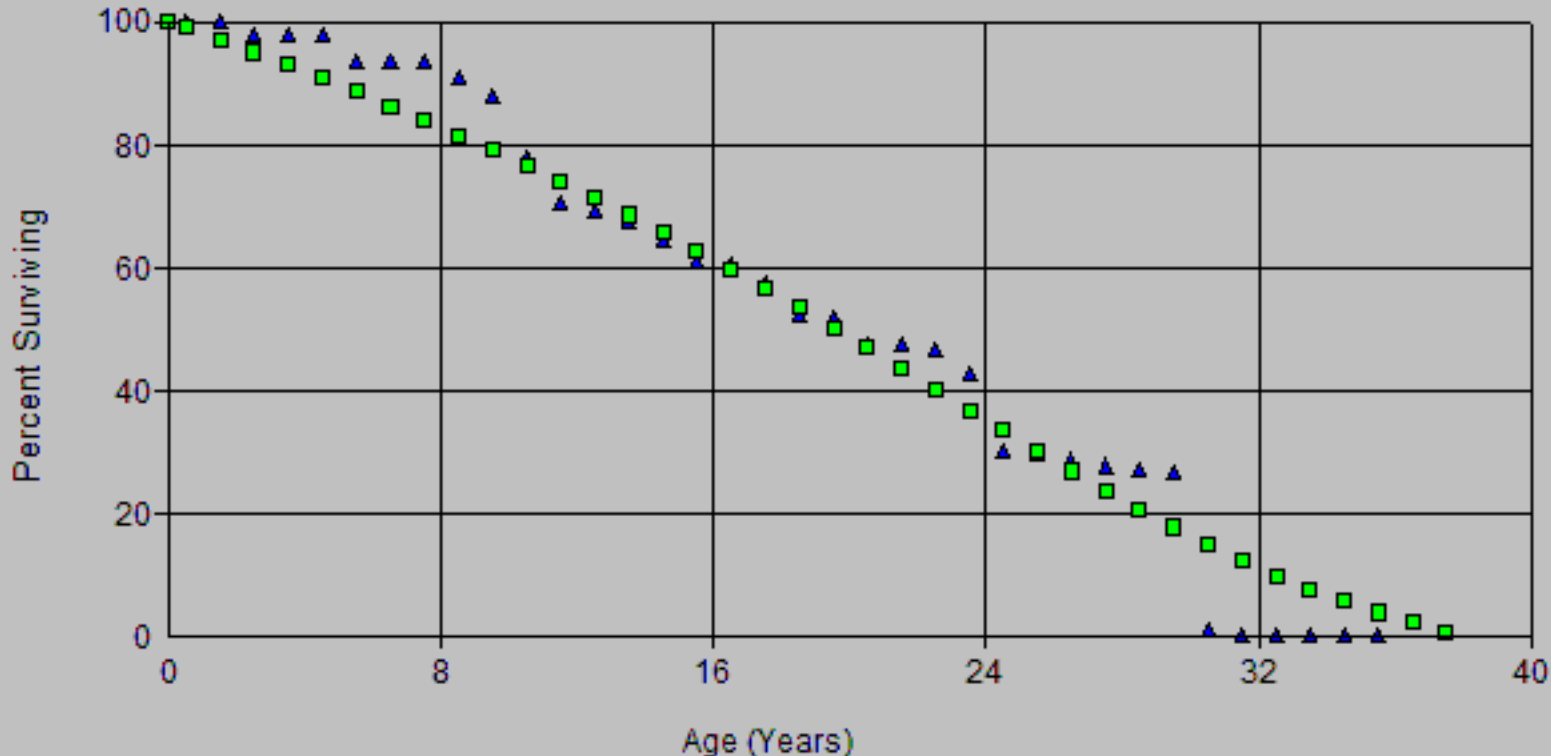


Account: G394.20 Shop Equipment
 Scenario: SDGE Actuarial @ 2020

SDG&E
 2024 GRD APP
 Depreciation

▲ Actual Data

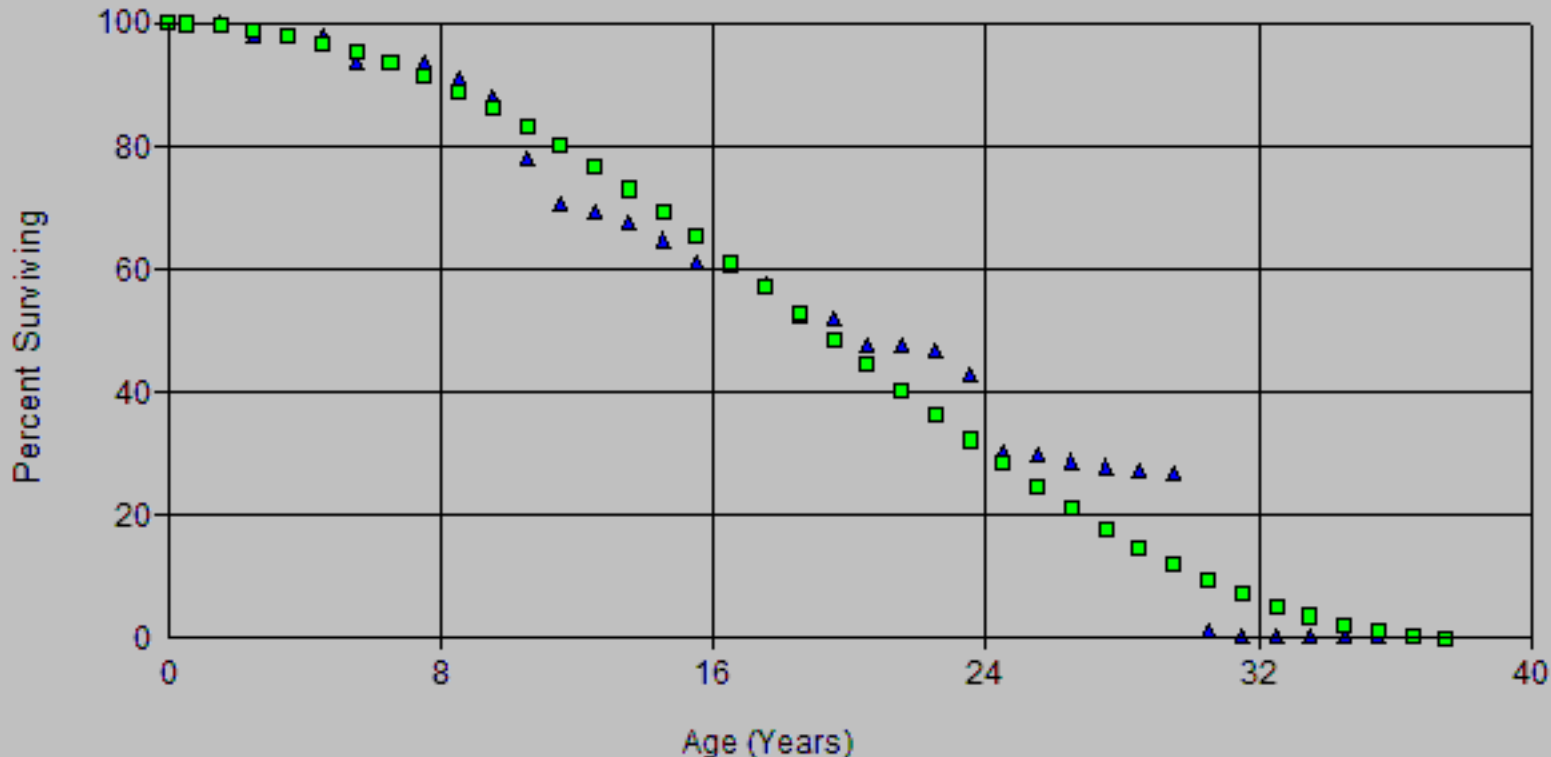
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Account: G394.20 Shop Equipment
 Scenario: SDGE Actuarial @ 2020

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 2024 GRD APP
 Depreciation

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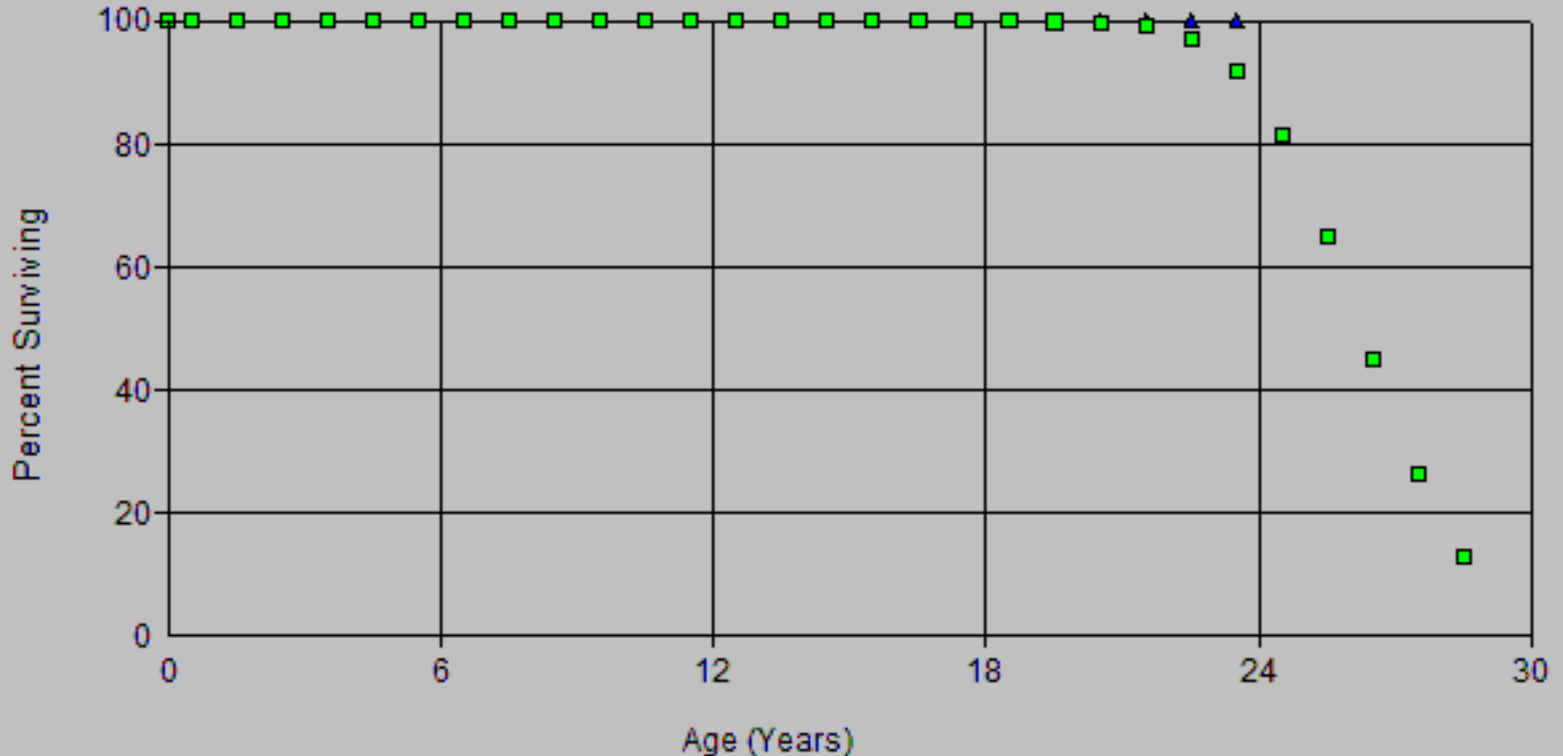


Account: G394.20 Shop Equipment
Scenario: SDGE Actuarial @ 2020

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2024 GRD APP
Depreciation

▲ Actual Data

■ S6 26.00

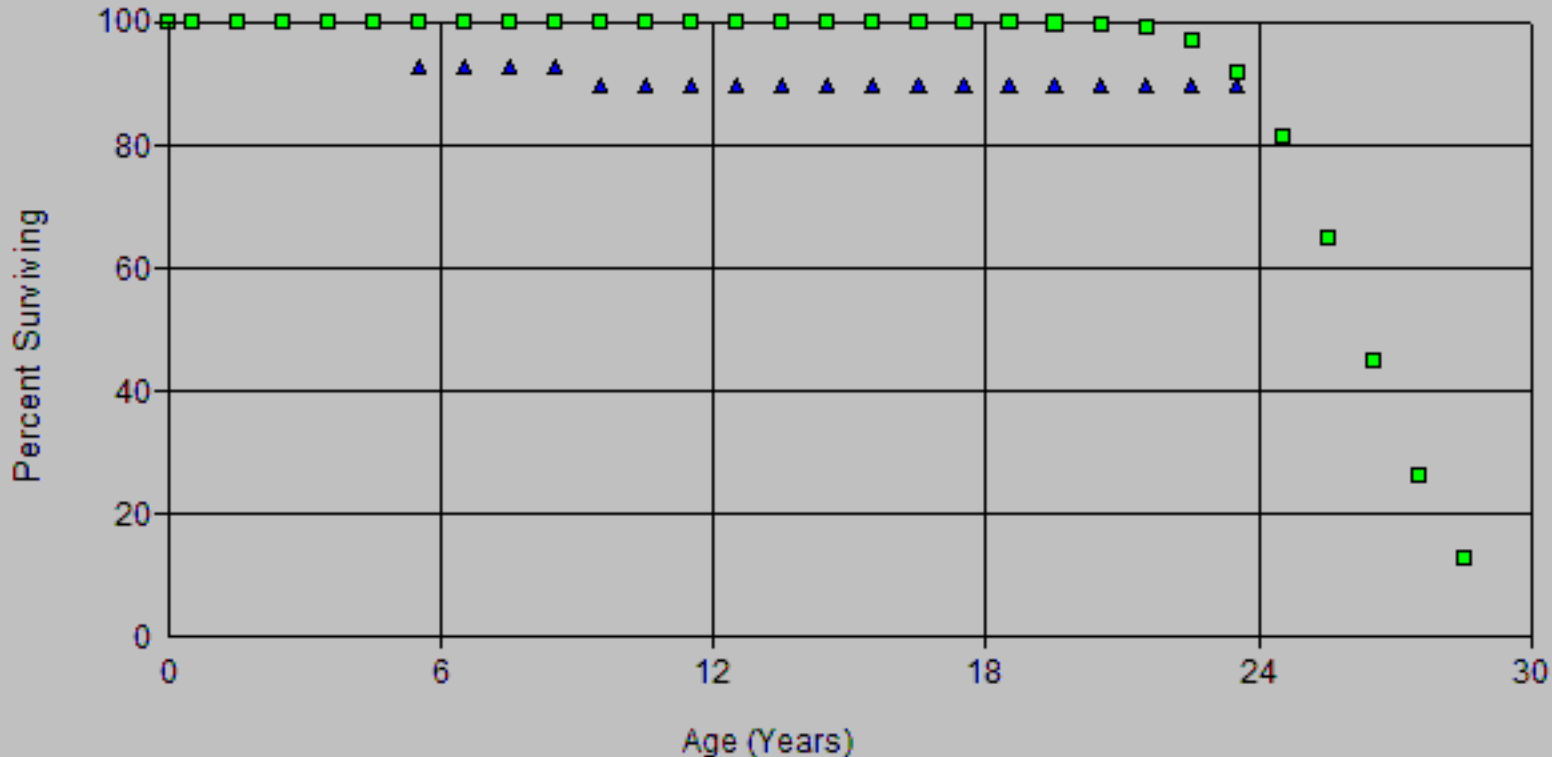


Account: G394.20 Shop Equipment
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GRD APP
Depreciation

▲ Actual Data

■ S6 26.00



Scenario: SDGE Actuarial @ 2020
Account: G394.20-Shop Equipment
Placement Band: 1922 - 2020

Observation Band: 2002 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	18,463.59	0.00	0.00000	1.00000	100.00
0.5	18,463.59	0.00	0.00000	1.00000	100.00
1.5	42,771.84	0.00	0.00000	1.00000	100.00
2.5	24,308.25	0.00	0.00000	1.00000	100.00
3.5	45,360.48	0.00	0.00000	1.00000	100.00
4.5	51,975.45	0.00	0.00000	1.00000	100.00
5.5	53,038.12	0.00	0.00000	1.00000	100.00
6.5	53,038.12	0.00	0.00000	1.00000	100.00
7.5	53,038.12	0.00	0.00000	1.00000	100.00
8.5	76,864.06	0.00	0.00000	1.00000	100.00
9.5	76,864.06	0.00	0.00000	1.00000	100.00
10.5	76,864.06	0.00	0.00000	1.00000	100.00
11.5	76,864.06	0.00	0.00000	1.00000	100.00
12.5	84,180.73	0.00	0.00000	1.00000	100.00
13.5	84,180.73	0.00	0.00000	1.00000	100.00
14.5	84,180.73	0.00	0.00000	1.00000	100.00
15.5	84,597.08	0.00	0.00000	1.00000	100.00
16.5	84,597.08	0.00	0.00000	1.00000	100.00
17.5	84,597.08	0.00	0.00000	1.00000	100.00
18.5	84,597.08	0.00	0.00000	1.00000	100.00
19.5	84,597.08	0.00	0.00000	1.00000	100.00
20.5	60,288.83	0.00	0.00000	1.00000	100.00
21.5	60,855.38	0.00	0.00000	1.00000	100.00
22.5	39,803.15	7,733.02	0.19428	0.80572	100.00
23.5	25,455.16	25,455.16	1.00000	0.00000	80.57
24.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: G394.20-Shop Equipment
Placement Band: 1922 - 2020

Observation Band: 1987 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	139,070.25	0.00	0.00000	1.00000	100.00
0.5	148,979.60	0.00	0.00000	1.00000	100.00
1.5	154,023.12	2,926.00	0.01900	0.98100	100.00
2.5	135,773.53	0.00	0.00000	1.00000	98.10
3.5	135,773.53	0.00	0.00000	1.00000	98.10
4.5	140,499.89	6,097.00	0.04340	0.95660	98.10
5.5	138,906.89	0.00	0.00000	1.00000	93.84
6.5	142,361.08	0.00	0.00000	1.00000	93.84
7.5	153,683.08	4,511.00	0.02935	0.97065	93.84
8.5	151,642.67	4,817.93	0.03177	0.96823	91.09
9.5	147,132.74	16,869.00	0.11465	0.88535	88.19
10.5	130,263.74	12,504.00	0.09599	0.90401	78.08
11.5	117,852.74	1,985.00	0.01684	0.98316	70.59
12.5	116,921.74	3,140.00	0.02686	0.97314	69.40
13.5	114,132.74	4,534.00	0.03973	0.96027	67.54
14.5	109,598.74	6,358.52	0.05802	0.94198	64.85
15.5	104,932.22	514.00	0.00490	0.99510	61.09
16.5	108,599.22	5,815.00	0.05355	0.94645	60.79
17.5	105,875.22	9,567.36	0.09036	0.90964	57.54
18.5	98,466.86	788.00	0.00800	0.99200	52.34
19.5	168,276.23	13,493.64	0.08019	0.91981	51.92
20.5	132,850.34	0.00	0.00000	1.00000	47.75
21.5	132,973.34	2,593.59	0.01950	0.98050	47.75
22.5	109,327.52	8,787.02	0.08037	0.91963	46.82
23.5	96,383.53	28,264.16	0.29325	0.70675	43.06
24.5	69,332.37	1,213.00	0.01750	0.98250	30.43
25.5	70,010.37	2,446.00	0.03494	0.96506	29.90
26.5	70,885.37	4,241.00	0.05983	0.94017	28.86
27.5	68,447.37	2,815.00	0.04113	0.95887	27.13
28.5	68,349.37	4,088.00	0.05981	0.94019	26.01
29.5	64,261.37	59,485.00	0.92567	0.07433	24.46
30.5	4,776.37	2,376.00	0.49745	0.50255	1.82
31.5	3,059.37	305.37	0.09981	0.90019	0.91
32.5	3,516.00	485.00	0.13794	0.86206	0.82
33.5	4,815.00	245.00	0.05088	0.94912	0.71
34.5	5,068.00	0.00	0.00000	1.00000	0.67
35.5	5,801.00	1,062.00	0.18307	0.81693	0.67
36.5	4,739.00	1,141.00	0.24077	0.75923	0.55
37.5	4,859.00	505.00	0.10393	0.89607	0.42
38.5	5,642.00	192.00	0.03403	0.96597	0.38
39.5	5,450.00	0.00	0.00000	1.00000	0.36
40.5	6,353.00	109.00	0.01716	0.98284	0.36
41.5	6,358.00	773.00	0.12158	0.87842	0.36
42.5	5,585.00	277.00	0.04960	0.95040	0.31
43.5	5,362.00	1,593.00	0.29709	0.70291	0.30
44.5	3,769.00	792.00	0.21014	0.78986	0.21
45.5	2,977.00	0.00	0.00000	1.00000	0.17
46.5	3,193.00	216.00	0.06765	0.93235	0.17
47.5	3,114.00	1,224.00	0.39306	0.60694	0.15
48.5	2,468.00	1,241.00	0.50284	0.49716	0.09
49.5	1,343.00	116.00	0.08637	0.91363	0.05
50.5	3,379.00	1,415.00	0.41876	0.58124	0.04
51.5	2,533.00	0.00	0.00000	1.00000	0.02
52.5	2,533.00	433.00	0.17094	0.82906	0.02

Scenario: SDGE Actuarial @ 2020
 Account: G394.20-Shop Equipment
 Placement Band: 1922 - 2020

Observation Band: 1987 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
53.5	2,694.00	287.00	0.10653	0.89347	0.02
54.5	2,468.00	61.00	0.02472	0.97528	0.02
55.5	3,681.00	0.00	0.00000	1.00000	0.02
56.5	4,223.00	243.00	0.05754	0.94246	0.02
57.5	4,071.00	91.00	0.02235	0.97765	0.02
58.5	5,021.00	771.00	0.15356	0.84644	0.02
59.5	4,332.00	1,613.00	0.37235	0.62765	0.01
60.5	2,719.00	569.00	0.20927	0.79073	0.01
61.5	2,150.00	0.00	0.00000	1.00000	0.01
62.5	2,150.00	307.00	0.14279	0.85721	0.01
63.5	2,060.00	217.00	0.10534	0.89466	0.01
64.5	2,247.00	1,274.00	0.56698	0.43302	0.01
65.5	973.00	299.00	0.30730	0.69270	0.00
66.5	674.00	0.00	0.00000	1.00000	0.00
67.5	674.00	270.00	0.40059	0.59941	0.00
68.5	404.00	0.00	0.00000	1.00000	0.00
69.5	404.00	0.00	0.00000	1.00000	0.00
70.5	404.00	0.00	0.00000	1.00000	0.00
71.5	404.00	0.00	0.00000	1.00000	0.00
72.5	404.00	0.00	0.00000	1.00000	0.00
73.5	404.00	404.00	1.00000	0.00000	0.00
74.5	0.00	0.00	0.00000	1.00000	0.00

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Observed Life Table

Scenario: SDGE Actuarial @ 2020
Account: G394.20-Shop Equipment
Placement Band: 1961 - 2020

Observation Band: 2002 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	18,463.59	0.00	0.00000	1.00000	100.00
0.5	18,463.59	0.00	0.00000	1.00000	100.00
1.5	42,771.84	0.00	0.00000	1.00000	100.00
2.5	24,308.25	0.00	0.00000	1.00000	100.00
3.5	45,360.48	0.00	0.00000	1.00000	100.00
4.5	51,975.45	0.00	0.00000	1.00000	100.00
5.5	53,038.12	0.00	0.00000	1.00000	100.00
6.5	53,038.12	0.00	0.00000	1.00000	100.00
7.5	53,038.12	0.00	0.00000	1.00000	100.00
8.5	76,864.06	0.00	0.00000	1.00000	100.00
9.5	76,864.06	0.00	0.00000	1.00000	100.00
10.5	76,864.06	0.00	0.00000	1.00000	100.00
11.5	76,864.06	0.00	0.00000	1.00000	100.00
12.5	84,180.73	0.00	0.00000	1.00000	100.00
13.5	84,180.73	0.00	0.00000	1.00000	100.00
14.5	84,180.73	0.00	0.00000	1.00000	100.00
15.5	84,597.08	0.00	0.00000	1.00000	100.00
16.5	84,597.08	0.00	0.00000	1.00000	100.00
17.5	84,597.08	0.00	0.00000	1.00000	100.00
18.5	84,597.08	0.00	0.00000	1.00000	100.00
19.5	84,597.08	0.00	0.00000	1.00000	100.00
20.5	60,288.83	0.00	0.00000	1.00000	100.00
21.5	60,855.38	0.00	0.00000	1.00000	100.00
22.5	39,803.15	7,733.02	0.19428	0.80572	100.00
23.5	25,455.16	25,455.16	1.00000	0.00000	80.57
24.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: G394.20-Shop Equipment
Placement Band: 1961 - 2020

Observation Band: 1987 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	139,070.25	0.00	0.00000	1.00000	100.00
0.5	148,979.60	0.00	0.00000	1.00000	100.00
1.5	154,023.12	2,926.00	0.01900	0.98100	100.00
2.5	135,773.53	0.00	0.00000	1.00000	98.10
3.5	135,773.53	0.00	0.00000	1.00000	98.10
4.5	140,499.89	6,097.00	0.04340	0.95660	98.10
5.5	138,906.89	0.00	0.00000	1.00000	93.84
6.5	142,361.08	0.00	0.00000	1.00000	93.84
7.5	153,683.08	4,511.00	0.02935	0.97065	93.84
8.5	151,642.67	4,817.93	0.03177	0.96823	91.09
9.5	147,132.74	16,869.00	0.11465	0.88535	88.19
10.5	130,263.74	12,504.00	0.09599	0.90401	78.08
11.5	117,852.74	1,985.00	0.01684	0.98316	70.59
12.5	116,921.74	3,140.00	0.02686	0.97314	69.40
13.5	114,132.74	4,534.00	0.03973	0.96027	67.54
14.5	109,598.74	6,358.52	0.05802	0.94198	64.85
15.5	104,932.22	514.00	0.00490	0.99510	61.09
16.5	108,599.22	5,815.00	0.05355	0.94645	60.79
17.5	105,875.22	9,567.36	0.09036	0.90964	57.54
18.5	98,466.86	788.00	0.00800	0.99200	52.34
19.5	168,276.23	13,493.64	0.08019	0.91981	51.92
20.5	132,850.34	0.00	0.00000	1.00000	47.75
21.5	132,973.34	2,593.59	0.01950	0.98050	47.75
22.5	109,327.52	8,787.02	0.08037	0.91963	46.82
23.5	96,383.53	28,264.16	0.29325	0.70675	43.06
24.5	69,332.37	1,213.00	0.01750	0.98250	30.43
25.5	70,010.37	2,446.00	0.03494	0.96506	29.90
26.5	67,564.37	2,061.00	0.03050	0.96950	28.86
27.5	65,503.37	1,343.00	0.02050	0.97950	27.98
28.5	64,160.37	1,371.00	0.02137	0.97863	27.40
29.5	62,789.37	59,485.00	0.94737	0.05263	26.82
30.5	3,304.37	2,376.00	0.71905	0.28095	1.41
31.5	928.37	305.37	0.32893	0.67107	0.40
32.5	623.00	0.00	0.00000	1.00000	0.27
33.5	623.00	0.00	0.00000	1.00000	0.27
34.5	623.00	0.00	0.00000	1.00000	0.27
35.5	623.00	623.00	1.00000	0.00000	0.27
36.5	0.00	0.00	0.00000	1.00000	0.00

Scenario: SDGE Actuarial @ 2020
Account: G394.20-Shop Equipment
Placement Band: 1991 - 2020

Observation Band: 1991 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
0	104,199.58	0.00	0.00000	1.00000	100.00
0.5	104,199.58	0.00	0.00000	1.00000	100.00
1.5	104,199.58	0.00	0.00000	1.00000	100.00
2.5	85,735.99	0.00	0.00000	1.00000	100.00
3.5	85,735.99	0.00	0.00000	1.00000	100.00
4.5	85,735.99	6,097.00	0.07111	0.92889	100.00
5.5	79,638.99	0.00	0.00000	1.00000	92.89
6.5	79,638.99	0.00	0.00000	1.00000	92.89
7.5	79,638.99	0.00	0.00000	1.00000	92.89
8.5	79,638.99	2,774.93	0.03484	0.96516	92.89
9.5	76,864.06	0.00	0.00000	1.00000	89.65
10.5	76,864.06	0.00	0.00000	1.00000	89.65
11.5	76,864.06	0.00	0.00000	1.00000	89.65
12.5	76,864.06	0.00	0.00000	1.00000	89.65
13.5	76,864.06	0.00	0.00000	1.00000	89.65
14.5	76,864.06	0.00	0.00000	1.00000	89.65
15.5	76,864.06	0.00	0.00000	1.00000	89.65
16.5	76,864.06	0.00	0.00000	1.00000	89.65
17.5	76,864.06	0.00	0.00000	1.00000	89.65
18.5	76,864.06	0.00	0.00000	1.00000	89.65
19.5	76,864.06	0.00	0.00000	1.00000	89.65
20.5	52,555.81	0.00	0.00000	1.00000	89.65
21.5	52,555.81	0.00	0.00000	1.00000	89.65
22.5	31,503.58	0.00	0.00000	1.00000	89.65
23.5	24,888.61	24,888.61	1.00000	0.00000	89.65
24.5	0.00	0.00	0.00000	1.00000	0.00

Actuarial Life Analysis

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Account: G394.20-Shop Equipment

Scenario: SDGE Actuarial @ 2020

Placement Band: 1922 - 1991

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum of Squares	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1987 -1991	69.5	0.00	0.12407452	R1.5	16.83
1988 -1992	70.5	77.49	0.12623998	R1.5	96.78
1989 -1993	71.5	77.95	0.14402160	S2.5	86.02
1990 -1994	72.5	0.00	0.02235499	SQ	53.05
1991 -1995	73.5	0.00	0.97988331	SQ	51.68
1992 -1996	74.5	0.00	0.59104557	R5	58.30
1993 -1997	75.5	0.00	0.13744075	L3	13.77
1994 -1998	76.5	0.00	0.10922506	L3	11.27
1995 -1999	77.5	0.00	0.09562473	L3	10.90
1996 -2000	78.5	0.00	0.05921339	R3	10.28
1997 -2001	79.5	0.00	0.06127631	R3	9.36
1998 -2002	80.5	0.00	0.08723230	R3	11.07
1999 -2003	81.5	0.00	0.08657481	S6	14.41
2000 -2004	82.5	0.00	0.08171520	R4	15.66
2001 -2005		0.00			
2002 -2006		0.00			
2003 -2007		0.00			
2004 -2008		0.00			
2005 -2009		0.00			
2006 -2010		0.00			
2007 -2011		0.00			
2008 -2012		0.00			
2009 -2013		0.00			
2010 -2014		0.00			
2011 -2015		0.00			
2012 -2016		0.00			
2013 -2017		0.00			
2014 -2018	83.5	0.00	0.00000000	SQ	11.20
2015 -2019	84.5	0.00	0.00000000	SQ	11.20
2016 -2020	85.5	0.00	0.00000000	SQ	11.20

Actuarial Life Analysis

SDG&E
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Account: G394.20-Shop Equipment

Scenario: SDGE Actuarial @ 2020

Placement Band: 1922 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

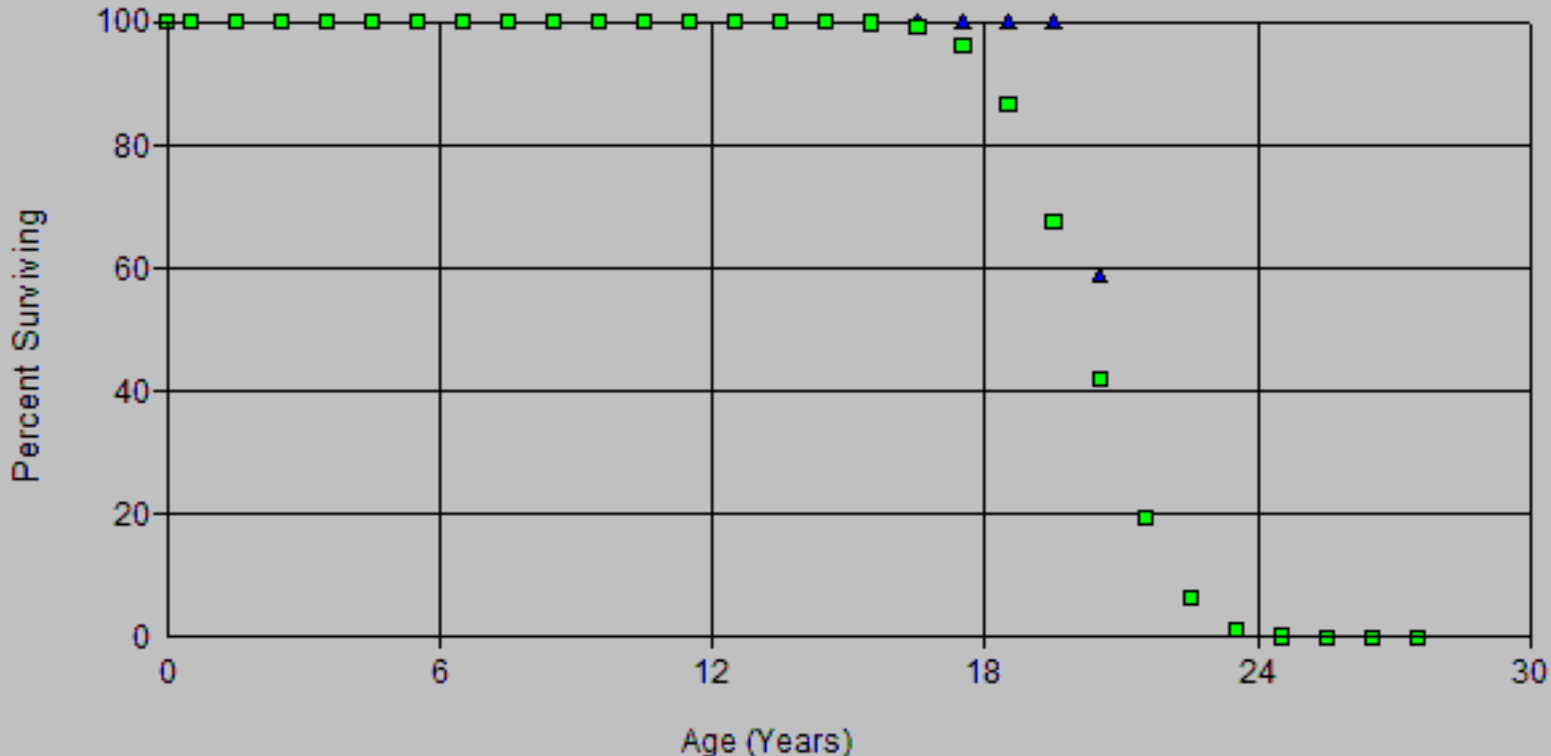
Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
1987 -2020	98.5	0.00	0.08599549	S0	19.56
1992 -2020	98.5	0.00	0.17562020	R1.5	18.65
1997 -2020	98.5	0.00	0.22427654	R1.5	17.23
2002 -2020	98.5	0.00	0.03775249	SQ	23.85
2007 -2020	98.5	0.00	0.03884840	SQ	19.85
2012 -2020	98.5	0.00	0.03553224	SQ	14.86
2017 -2020	98.5	0.00	0.00000000	SQ	10.39

Account: G396.00 Power Operated Eq.
Scenario: SDGE Actuarial @ 2020

SDG&E
2024 GBO EPP
Depreciation

▲ Actual Data

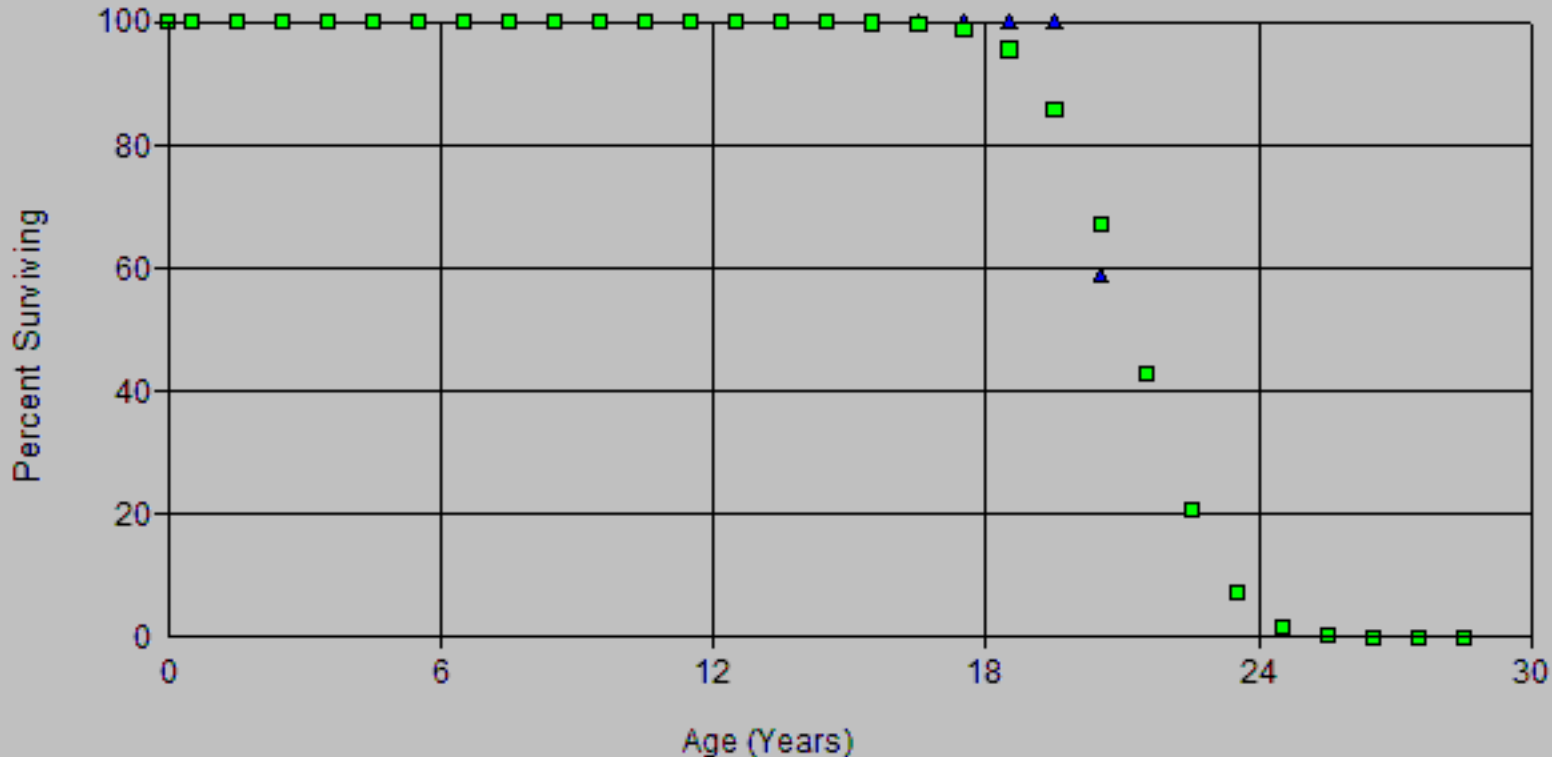
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Account: G396.00- Power Operated Eq.
 Scenario: SDGE Actuarial @ 2020

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 2024 GBO - EPP
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▲ Actual Data ■ S6 21.00



SDG&E
 Observed Life Table 2024 GRC - APP
 Depreciation

Scenario: SDGE Actuarial @ 2020

Account: G396.00-Power Operated Eq.

Placement Band: 1987 - 2020

Observation Band: 2007 - 2020

Age at Beginning of Interval	Exposures at Beginning of Interval	Retirements During Interval	Retirement Ratio	Survivor Ratio	Percent Surv at Beginning of Interval
7.5	16,162.40	0.00	0.00000	1.00000	100.00
8.5	16,162.40	0.00	0.00000	1.00000	100.00
9.5	16,162.40	0.00	0.00000	1.00000	100.00
10.5	16,162.40	0.00	0.00000	1.00000	100.00
11.5	16,162.40	0.00	0.00000	1.00000	100.00
12.5	162,284.40	0.00	0.00000	1.00000	100.00
13.5	162,284.40	0.00	0.00000	1.00000	100.00
14.5	162,284.40	0.00	0.00000	1.00000	100.00
15.5	162,284.40	0.00	0.00000	1.00000	100.00
16.5	162,284.40	0.00	0.00000	1.00000	100.00
17.5	162,284.40	0.00	0.00000	1.00000	100.00
18.5	162,284.40	0.00	0.00000	1.00000	100.00
19.5	246,939.44	100,817.44	0.40827	0.59173	100.00
20.5	146,122.00	146,122.00	1.00000	0.00000	59.17
21.5	0.00	0.00	0.00000	1.00000	0.00

Actuarial Life Analysis

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Account: G396.00-Power Operated Eq.

Scenario: SDGE Actuarial @ 2020

Placement Band: 1987 - 2011

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation Band	<u>Censoring</u>		Error Sum <u>of Squares</u>	<u>Best Fit</u>	
	Age	Percent		Disp	ASL
2007 -2011		0.00			
2008 -2012		0.00			
2009 -2013		0.00			
2010 -2014		0.00			
2011 -2015		0.00			
2012 -2016		0.00			
2013 -2017		0.00			
2014 -2018		0.00			
2015 -2019		0.00			
2016 -2020		0.00			

Actuarial Life Analysis

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Account: G396.00-Power Operated Eq.

Scenario: SDGE Actuarial @ 2020

Placement Band: 1987 - 2020

Function: Survivorship Annual Rate Method

Weighting: Unweighted

T-Cut: None

Observation	<u>Censoring</u>		Error Sum	<u>Best Fit</u>	
Band	Age	Percent	<u>of Squares</u>	Disp	ASL
2007 -2020		0.00			
2012 -2020		0.00			
2017 -2020		0.00			