

Figure I-1: Forecasted Solar Allocated to the Distribution System

Year	Behind the Meter - Installed kW	Front of the Meter - Installed kW
2023	43190	30000
2024	51562	24000
2025	56268	100000
2026	51914	162000
2027	50269	268000
2028	50831	205000
2029	54122	205000
2030	58139	80000
2031	62961	60000
2032	69927	60000
2033	72766	60000
2034	69288	60000
2035	60443	60000
2036	57338	60000
2037	61992	60000
2038	67115	60000
2039	68448	60000
2040	72662	60000
2041	81154	60000
2042	95724	60000
2043	107066	60000
2044	118212	60000
2045	135625	60000
2046	149411	60000
2047	167063	60000
2048	182207	60000
2049	195890	60000
2050	212484	60000
2051	222888	60000
2052	241560	60000

Figure I-2: Forecast of Upgrade Costs 2023-2052, for TPS and 50% Planning Limit Scenarios

Year	TPS Planning Limit	50% Planning Limit
2023	\$ 1,559,187	\$ 3,401,834
2024	\$ 5,357,949	\$ 5,723,424
2025	\$ 17,552,170	\$ 21,157,504
2026	\$ 37,972,590	\$ 44,257,190
2027	\$ 71,996,730	\$ 82,255,096
2028	\$ 64,844,432	\$ 69,944,012
2029	\$ 68,573,580	\$ 72,128,811
2030	\$ 28,523,427	\$ 29,269,702
2031	\$ 22,197,687	\$ 22,981,639
2032	\$ 23,335,702	\$ 23,731,921
2033	\$ 24,535,824	\$ 24,659,574
2034	\$ 24,787,172	\$ 25,118,548
2035	\$ 25,711,823	\$ 25,751,599
2036	\$ 25,711,932	\$ 26,043,096
2037	\$ 26,666,982	\$ 26,777,056
2038	\$ 27,291,331	\$ 27,494,029
2039	\$ 27,779,472	\$ 28,073,643
2040	\$ 28,318,931	\$ 29,109,787
2041	\$ 29,831,733	\$ 30,203,523
2042	\$ 30,647,867	\$ 31,206,714
2043	\$ 31,459,670	\$ 31,519,905
2044	\$ 31,895,440	\$ 31,796,756
2045	\$ 31,986,218	\$ 34,885,950
2046	\$ 36,529,023	\$ 36,089,563
2047	\$ 36,924,307	\$ 36,663,088
2048	\$ 38,255,228	\$ 37,642,064
2049	\$ 35,747,393	\$ 38,930,574
2050	\$ 41,648,802	\$ 43,310,128
2051	\$ 46,026,657	\$ 44,984,905
2052	\$ 48,520,862	\$ 47,754,419

Figure I-3: Annual Upgrade Cost Difference between 50% Planning Limit Scenario and TPS
Planning Limit Scenario

Year	50% - TPS
2023	\$ 1,842,647
2024	\$ 365,475
2025	\$ 3,605,334
2026	\$ 6,284,600
2027	\$ 10,258,366
2028	\$ 5,099,580
2029	\$ 3,555,231
2030	\$ 746,275
2031	\$ 783,952
2032	\$ 396,218
2033	\$ 123,750
2034	\$ 331,376
2035	\$ 39,776
2036	\$ 331,163
2037	\$ 110,074
2038	\$ 202,698
2039	\$ 294,171
2040	\$ 790,856
2041	\$ 371,790
2042	\$ 558,847
2043	\$ 60,235
2044	\$ (98,685)
2045	\$ 2,899,732
2046	\$ (439,460)
2047	\$ (261,219)
2048	\$ (613,165)
2049	\$ 3,183,181
2050	\$ 1,661,325
2051	\$ (1,041,752)
2052	\$ (766,444)