

Generation Planning Results: Supplemental Financial Data

Prepared By:	Strategic Pricing and Cost Recovery
Date:	11.10.2022
Purpose:	Release data related to the Generation Planning Scenarios

Table of Contents

Worksheets	Description	Page #'s
Cover Sheet	Cover Sheet	1
TOC	Table of Contents	2
Glossary	List of terms, abbreviations, and definitions	3
Revenue Requirements Summary	PV of Generation Revenue Requirements Data & Charts	4
Revenue Requirements Detail	Annual Generation Revenue Requirements by Year by Component (Non-fuel, Fuel, STEP) & In Total For All Portfolios Under All Market Scenarios & Sensitivities	5-34
MWh Retail Sales	Sales Volume Inputs by Year For All Portfolios Under All Market Scenarios & Sensitivities	35-40
Average Energy Cost Detail (in \$/MWh)	Average Cost of Energy (\$/MWh) by Year For All Portfolios Under All Market Scenarios & Sensitivities (In Total & For Fuel+STEP Costs)	41-53
Residential Bill Impacts	Forecasted Average Residential Bills For All Portfolios Under All Market Scenarios & Sensitivities Compared to Rate Model (i.e., Recent Rate Request)	54-66
Commercial Bill Impacts	Forecasted Average Commercial Bills For Various Commercial Segments For All Portfolios Under All Market Scenarios & Sensitivities Compared to Rate Model (i.e., Recent Rate Request)	67-89

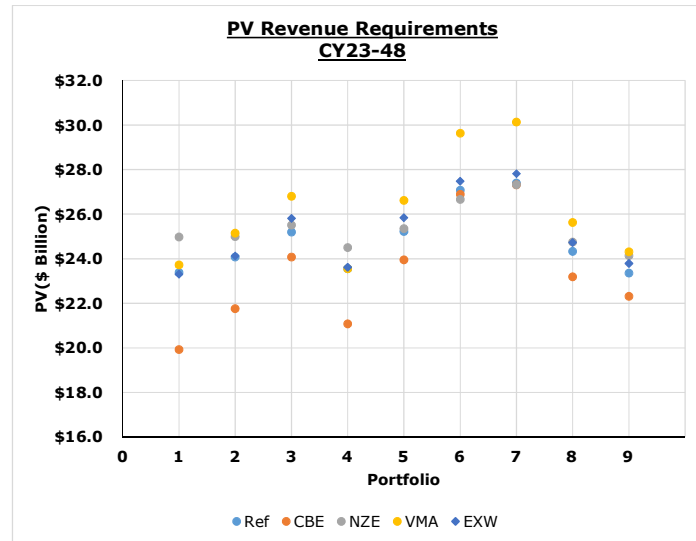
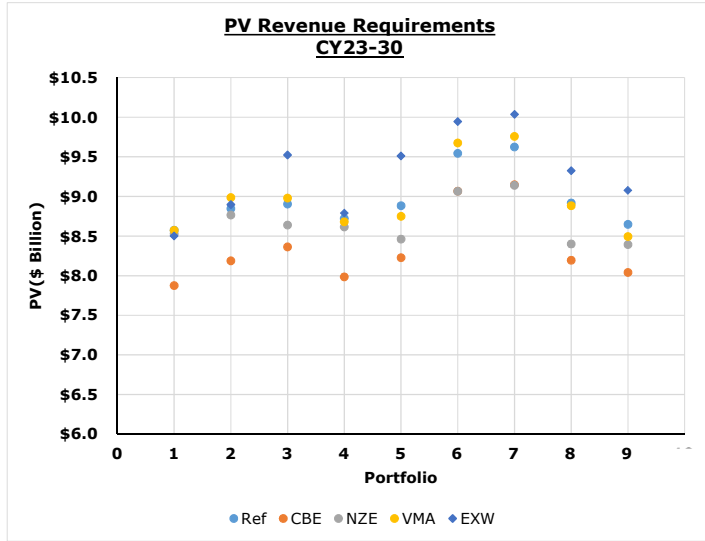
Glossary
Updated 11/15/2022

Term	Definition
Affordability	Affordability is a planning objective that assesses a customer's ability to pay for monthly electric services. Common metrics used to assess affordability are monthly bill impact and the present value of revenue requirements.
Bill Impact	Average monthly residential electric bills for a given scenario represent the expected revenue (which includes base, fuel adjustment, and regulatory adjustment revenue) per bill for all projected residential electric customers. The impact to CPS Energy's financial metrics and bills across all scenarios under consideration are weighed to help determine which one provides the best overall value
Calendar Year	Calendar year reflects a normal calendar year (January through December).
Carbon Based Economy (CBE)	The Carbon Based Economy Scenario. Please see the slide deck for more detailed information on scenarios
City Payment (CP)	Payments to the City of San Antonio which are authorized by state law and described in bond ordinances, not to exceed 14% of revenues
Extreme Weather (EXW)	The Extreme Weather sensitivities. Please see the slide deck for more detailed information on sensitivities
Fiscal Year	CPS Energy's fiscal year begins on February 1st of the current year and ends January 31st of the following year. For example, Fiscal Year 2023 (FY2023) is February 1, 2022 through January 31, 2023.
Fuel Expenses	Fuel expenses are expenses related to fuel for fossil fuel generation, the costs of purchasing power from the market, costs from Power Purchase Agreements, including costs for carbon emissions, where applicable.
Megawatt-Hour (MWh or MWH)	A measure of energy. 200 homes on a hot summer day use ~1 Megawatt-hour every hour. 1 Megawatt-hour is 1000 kilowatt-hours.
Net Zero Economy (NZE)	The Net Zero Economy Scenario. Please see the slide deck for more detailed information on scenarios
P1, P2, P3, P4, P5, P6, P7, P8, P9	Portfolios 1-9. Please see the slide deck for more detailed information on the portfolios
PL, LLP, ELP, SLP	CPS Energy's Commercial Rates. Please refer to rate documents on CPS Energy's website for more information
Portfolio Fuel Cost	Portfolio Fuel Cost is the fuel costs (in dollars) divided by the energy output (in MWh) from the portfolio that serves retail sales
Present Value (PV)	Present value (PV) is the current value of a future sum of money or stream of cash flows given a specified rate of return. Present value takes the future value and applies a discount rate or the interest rate that could be earned if invested.
Present Value of Revenue Requirements (PVRR)	The present value of the amount of money that must be collected from customers to compensate a utility for all expenditures associated with electric supply delivery within a defined time. This includes capital investment and recovery, as well as all operating costs associated with fuel, maintenance, emissions, and net market purchases from ERCOT.
Rate Model	The model associated with the rate increase that went into effect March 1, 2022. The model has been updated with the latest fuel, power, and associated forecasts.
Reference Scenario (Ref)	The Reference Scenario. Please see the slide deck for more detailed information on scenarios
Resi	Shorthand for Residential
Revenue Requirements	The revenues needed by a utility to properly fund the system. In the context of generation planning, this is the costs associated with generation: the capital and cash costs associated with power plants, solar, wind, and future technology, fuel, carbon emissions, and costs of purchasing power (either from the market or through Power Purchase Agreements), and other costs associated with generation
STEP	Sustainable Tomorrow Energy Plan - Our energy efficiency and conservation programs.
Table of Contents (TOC)	A list of the sections/tabs in this document/file.
Volatile Market (VMA)	The Volatile Market Scenario. Please see the slide deck for more detailed information on scenarios

Revenue Requirements Summary

Generation Related
PV Revenue Req

	P1	P2	P3	P4	P5	P6	P7	P8	P9
Ref	\$8,575,504,428	\$8,845,504,071	\$8,903,988,316	\$8,722,259,327	\$8,883,859,523	\$9,543,810,005	\$9,625,139,947	\$8,917,533,247	\$8,648,619,644
CBE	\$7,874,475,709	\$8,188,318,066	\$8,363,538,286	\$7,985,190,151	\$8,226,873,073	\$9,067,107,943	\$9,148,132,149	\$8,195,973,407	\$8,039,929,046
NZE	\$8,528,841,670	\$8,765,653,649	\$8,638,850,320	\$8,615,515,663	\$8,461,436,971	\$9,066,188,613	\$9,141,301,249	\$8,400,600,121	\$8,392,518,458
VMA	\$8,571,966,965	\$8,987,338,107	\$8,979,207,503	\$8,680,009,285	\$8,749,150,608	\$9,675,985,551	\$9,757,002,729	\$8,882,267,300	\$8,494,452,051
EXW	\$8,502,230,060	\$8,896,859,386	\$9,522,696,968	\$8,792,085,823	\$9,511,736,935	\$9,945,262,418	\$10,037,000,656	\$9,325,482,966	\$9,076,996,725
Min (excludes EXW)	\$7,874,475,709	\$8,188,318,066	\$8,363,538,286	\$7,985,190,151	\$8,226,873,073	\$9,066,188,613	\$9,141,301,249	\$8,195,973,407	\$8,039,929,046
Max (excludes EXW)	\$8,575,504,428	\$8,987,338,107	\$8,979,207,503	\$8,722,259,327	\$8,883,859,523	\$9,675,985,551	\$9,757,002,729	\$8,917,533,247	\$8,648,619,644
Ref	\$23,378,247,477	\$24,068,437,214	\$25,189,528,397	\$23,547,199,666	\$25,214,271,242	\$27,077,173,593	\$27,397,823,744	\$24,321,332,206	\$23,354,673,281
CBE	\$19,920,976,738	\$21,754,671,042	\$24,074,433,838	\$21,075,489,473	\$23,952,313,915	\$26,889,186,481	\$27,309,881,213	\$23,184,828,631	\$22,309,059,798
NZE	\$24,968,205,898	\$24,988,840,896	\$25,501,972,305	\$24,498,206,303	\$25,350,554,416	\$26,659,180,543	\$27,319,017,960	\$24,745,833,486	\$24,134,578,887
VMA	\$23,723,355,478	\$25,146,692,308	\$26,795,964,841	\$23,549,363,381	\$26,614,699,406	\$29,624,327,120	\$30,128,604,330	\$25,630,071,896	\$24,307,312,890
EXW	\$23,304,973,109	\$24,119,792,530	\$25,808,237,050	\$23,617,026,163	\$25,842,148,654	\$27,478,626,006	\$27,809,684,453	\$24,729,281,925	\$23,783,050,362



Revenue Requirements Detail

Fuel Costs Revenue Requirements (\$) including City Payment (CP) (excluding STEP and URI) for each portfolio for the Reference scenario by calendar year

CY	Ref P1	Ref P2	Ref P3	Ref P4	Ref P5	Ref P6	Ref P7	Ref P8	Ref P9
2023	1,001,309,827	1,001,309,827	1,001,309,827	1,006,005,407	1,005,929,095	1,011,844,216	1,011,811,618	998,375,699	991,591,348
2024	947,951,694	947,951,694	947,951,694	930,085,259	929,914,697	925,253,912	925,215,098	926,230,351	942,968,496
2025	949,023,594	952,851,496	950,647,837	935,168,905	934,898,062	942,640,832	942,661,069	938,278,935	953,637,134
2026	1,002,151,784	1,050,179,969	1,032,186,954	1,003,594,014	1,007,500,887	1,103,697,957	1,103,694,384	1,082,817,113	1,031,808,031
2027	1,067,066,556	1,172,724,442	1,188,425,293	1,117,559,617	1,167,025,912	1,384,124,621	1,384,153,759	1,209,786,542	1,146,504,519
2028	1,133,422,468	1,267,611,502	1,360,467,132	1,250,614,114	1,370,821,893	1,672,705,471	1,672,760,796	1,423,433,698	1,278,984,147
2029	1,145,228,657	1,304,992,680	1,583,305,286	1,334,040,243	1,608,729,876	1,928,588,433	1,923,591,482	1,596,786,379	1,407,871,113
2030	1,185,496,919	1,370,819,217	1,738,233,470	1,284,211,472	1,785,943,521	1,992,007,096	2,000,635,838	1,643,290,117	1,496,430,359
2031	1,215,073,448	1,406,909,213	1,721,142,380	1,361,707,784	1,767,473,401	1,959,278,339	2,080,459,119	1,691,478,502	1,538,164,284
2032	1,258,913,814	1,367,058,402	1,776,589,926	1,413,140,853	1,814,861,613	1,933,409,828	2,157,702,004	1,658,386,236	1,499,377,629
2033	1,271,994,430	1,292,992,108	1,738,459,968	1,360,386,458	1,777,625,262	1,897,238,260	2,142,046,734	1,606,829,947	1,446,221,969
2034	1,319,125,704	1,263,778,049	1,716,123,072	1,335,205,772	1,755,692,811	1,878,950,075	2,094,214,728	1,595,337,957	1,433,738,419
2035	1,384,244,149	1,376,734,716	1,829,782,989	1,450,016,503	1,875,026,698	2,019,534,825	2,182,652,400	1,762,077,310	1,579,849,003
2036	1,469,968,943	1,473,964,679	1,926,955,841	1,550,397,002	1,972,883,345	2,018,320,285	2,265,535,752	1,844,241,908	1,673,076,909
2037	1,520,304,128	1,516,873,701	1,946,135,848	1,591,362,801	1,995,709,028	2,027,582,147	2,261,056,093	1,862,032,969	1,708,523,775
2038	1,590,284,220	1,613,476,610	2,017,945,574	1,697,148,967	2,100,681,243	2,114,903,325	2,352,369,891	1,941,442,331	1,766,164,563
2039	1,684,164,675	1,735,302,893	2,115,041,831	1,788,271,280	2,176,498,460	2,188,424,145	2,434,199,263	2,023,971,557	1,856,405,450
2040	1,731,226,746	1,877,698,238	2,257,396,625	1,932,443,291	2,313,678,227	2,385,156,149	2,638,044,799	2,159,512,011	1,981,200,212
2041	1,783,516,806	2,076,631,197	2,392,145,676	2,008,965,229	2,489,783,213	2,514,675,705	2,644,126,586	2,240,913,445	2,060,954,171
2042	1,840,767,608	2,271,157,711	2,483,243,227	2,074,293,109	2,575,806,915	2,645,472,641	2,734,048,486	2,386,067,919	2,190,463,600
2043	1,916,456,064	2,404,953,203	2,668,011,594	2,209,503,880	2,697,025,005	2,752,128,720	2,861,387,432	2,504,912,868	2,315,188,929
2044	2,005,547,120	2,565,669,785	2,827,634,274	2,350,992,856	2,857,602,305	2,879,492,389	2,981,183,921	2,636,828,506	2,444,593,701
2045	2,119,001,944	2,670,645,079	2,945,280,483	2,476,470,585	2,965,321,819	2,961,919,383	3,071,598,399	2,736,382,126	2,542,287,590
2046	2,213,574,755	2,756,890,750	3,045,071,767	2,553,669,680	3,079,241,798	3,070,594,560	3,204,036,443	2,844,843,877	2,648,510,646
2047	2,330,817,636	2,869,647,390	3,196,712,813	2,661,383,661	3,231,466,972	3,211,051,264	3,336,075,669	2,984,753,325	2,784,668,129

Revenue Requirements Detail

Fuel Costs Revenue Requirements (\$) including City Payment (CP) (excluding STEP and URI) for each portfolio for the Carbon Based Economy scenario by calendar year

CY	CBE P1	CBE P2	CBE P3	CBE P4	CBE P5	CBE P6	CBE P7	CBE P8	CBE P9
2023	994,138,476	994,138,476	994,138,476	987,304,767	987,301,404	1,011,508,015	1,011,530,688	987,301,404	985,213,570
2024	937,487,992	937,487,992	937,487,992	906,084,025	905,959,162	922,840,935	922,841,525	905,936,341	933,033,846
2025	934,914,754	939,764,521	936,293,336	911,354,175	910,625,535	941,733,834	941,735,094	915,000,091	939,863,958
2026	974,756,368	1,026,902,118	1,010,689,970	969,460,848	976,893,434	1,094,175,880	1,094,187,388	1,025,245,366	1,006,051,582
2027	982,797,441	1,094,579,495	1,121,881,431	1,029,487,464	1,091,808,783	1,349,772,487	1,349,800,800	1,135,802,601	1,074,188,949
2028	1,005,771,367	1,151,322,112	1,274,163,753	1,111,408,234	1,276,351,199	1,630,595,544	1,630,644,926	1,336,148,712	1,179,484,523
2029	996,740,419	1,173,499,013	1,491,449,454	1,163,225,183	1,513,958,798	1,879,993,570	1,873,385,350	1,502,270,927	1,316,129,704
2030	1,003,356,282	1,210,675,658	1,621,401,161	1,071,937,831	1,665,343,437	1,939,906,714	1,947,770,154	1,529,741,588	1,390,185,470
2031	1,012,427,731	1,224,093,860	1,586,132,769	1,121,981,827	1,627,441,084	1,893,231,972	2,018,429,459	1,568,381,768	1,422,740,877
2032	1,035,070,180	1,168,804,455	1,650,473,520	1,181,519,050	1,686,695,550	1,880,880,628	2,118,486,541	1,543,828,675	1,386,789,178
2033	1,026,855,262	1,089,454,503	1,608,209,331	1,128,491,321	1,645,315,515	1,839,985,299	2,108,442,995	1,495,396,577	1,331,482,028
2034	1,050,423,466	1,062,440,143	1,606,834,925	1,104,107,390	1,641,996,901	1,848,601,276	2,093,722,958	1,495,098,096	1,334,538,385
2035	1,078,352,775	1,172,223,577	1,733,779,267	1,223,124,309	1,775,244,722	2,016,105,276	2,214,959,768	1,696,403,280	1,504,556,395
2036	1,112,055,928	1,234,951,173	1,810,526,796	1,293,407,673	1,845,033,687	1,992,828,761	2,284,990,266	1,753,145,450	1,576,227,623
2037	1,130,722,168	1,261,415,299	1,836,312,585	1,321,070,972	1,873,003,772	2,028,801,180	2,316,741,544	1,784,682,726	1,641,362,604
2038	1,153,634,729	1,353,153,021	1,890,884,756	1,424,998,276	1,975,216,008	2,130,373,705	2,414,728,749	1,870,404,547	1,691,900,768
2039	1,189,547,098	1,446,309,257	2,006,464,660	1,484,232,770	2,059,147,840	2,250,909,263	2,564,520,777	1,978,112,083	1,790,188,873
2040	1,196,088,652	1,595,981,413	2,181,334,489	1,644,033,368	2,227,157,060	2,507,190,796	2,825,264,832	2,176,412,499	1,947,929,262
2041	1,194,907,853	1,805,284,544	2,371,001,803	1,711,888,643	2,456,780,234	2,714,948,408	2,895,939,897	2,286,837,938	2,052,843,482
2042	1,189,209,921	1,998,018,743	2,477,264,137	1,755,542,156	2,557,246,487	2,874,527,053	2,993,785,801	2,447,466,821	2,200,160,050
2043	1,232,416,967	2,152,718,144	2,720,893,435	1,898,323,048	2,734,008,388	3,058,751,356	3,203,646,702	2,624,878,239	2,369,645,879
2044	1,276,638,547	2,327,619,007	2,900,559,439	2,043,957,260	2,926,312,007	3,224,743,193	3,357,052,719	2,785,817,360	2,529,942,751
2045	1,334,550,372	2,424,267,635	3,061,889,228	2,173,227,306	3,075,311,251	3,347,951,061	3,493,600,211	2,926,582,740	2,662,018,708
2046	1,383,668,755	2,493,040,517	3,232,541,897	2,239,456,470	3,259,824,493	3,516,701,805	3,678,060,124	3,100,933,077	2,831,021,645
2047	1,441,657,287	2,615,324,966	3,442,167,717	2,371,813,559	3,471,951,272	3,698,625,061	3,850,855,525	3,293,189,194	3,035,625,387

Revenue Requirements Detail

Fuel Costs Revenue Requirements (\$) including City Payment (CP) (excluding STEP and URI) for each portfolio for the Net Zero Economy scenario by calendar year

CY	NZE P1	NZE P2	NZE P3	NZE P4	NZE P5	NZE P6	NZE P7	NZE P8	NZE P9
2023	1,034,937,138	1,034,937,138	1,034,937,138	1,036,337,502	1,036,331,033	1,037,871,803	1,037,903,924	1,036,329,666	1,025,006,522
2024	973,512,669	973,512,669	973,512,669	950,698,806	950,698,806	943,613,225	943,624,487	950,698,806	968,427,909
2025	970,345,753	974,603,268	971,439,129	951,307,653	950,352,882	960,799,752	960,764,521	955,492,663	973,752,953
2026	1,023,287,710	1,071,570,403	1,051,110,255	1,020,770,117	1,020,241,622	1,104,934,787	1,104,947,904	1,069,155,395	1,045,223,631
2027	1,128,161,005	1,227,970,312	1,220,198,920	1,171,461,969	1,190,730,114	1,406,324,615	1,406,325,615	1,203,625,009	1,177,948,465
2028	1,153,973,629	1,267,385,547	1,332,972,060	1,254,763,807	1,346,825,254	1,611,344,843	1,611,689,785	1,391,347,980	1,269,734,614
2029	1,178,393,318	1,315,278,900	1,542,687,457	1,342,651,559	1,562,269,427	1,852,238,577	1,850,391,780	1,561,243,233	1,390,677,880
2030	1,233,923,541	1,394,776,184	1,669,687,147	1,298,856,562	1,707,767,394	1,888,304,037	1,898,937,248	1,590,593,231	1,451,982,885
2031	1,296,092,154	1,461,411,470	1,671,072,294	1,409,125,523	1,708,619,374	1,873,359,580	2,013,183,926	1,661,622,378	1,514,022,655
2032	1,401,056,144	1,464,143,640	1,788,720,403	1,505,469,416	1,813,845,304	1,899,876,132	2,168,517,881	1,657,751,460	1,498,372,594
2033	1,491,431,169	1,409,797,017	1,753,851,593	1,464,068,051	1,779,503,102	1,859,356,771	2,167,855,624	1,596,949,474	1,440,294,757
2034	1,628,926,044	1,439,038,792	1,776,051,560	1,488,074,201	1,804,781,811	1,900,075,501	2,184,921,245	1,630,968,579	1,460,374,955
2035	1,727,453,496	1,561,738,040	1,913,014,190	1,607,726,554	1,944,240,337	2,083,110,855	2,311,311,048	1,860,235,994	1,660,744,883
2036	1,889,075,351	1,708,166,667	2,049,934,010	1,754,025,861	2,077,973,919	2,113,021,955	2,431,031,506	1,972,513,172	1,791,930,053
2037	2,079,345,642	1,868,928,328	2,191,402,034	1,917,323,568	2,220,694,647	2,257,404,410	2,584,980,432	2,111,635,258	1,965,915,975
2038	2,208,147,746	2,003,286,179	2,272,279,932	2,049,226,778	2,337,018,859	2,370,235,784	2,706,541,579	2,225,020,970	2,056,719,527
2039	2,151,699,148	2,021,517,213	2,277,628,434	2,039,673,495	2,318,084,983	2,370,630,646	2,726,806,250	2,245,291,569	2,066,460,571
2040	2,112,238,735	2,104,737,939	2,402,948,844	2,144,780,417	2,439,956,841	2,581,145,083	2,941,558,736	2,399,475,155	2,184,137,726
2041	1,998,665,546	2,159,712,181	2,490,974,853	2,125,396,052	2,558,178,227	2,662,524,830	2,863,056,055	2,403,813,512	2,206,150,241
2042	2,006,680,035	2,321,141,819	2,598,926,962	2,174,726,577	2,656,099,268	2,824,859,585	2,963,029,150	2,572,965,236	2,365,728,586
2043	2,117,911,831	2,529,650,806	2,883,023,677	2,377,564,199	2,887,230,598	3,067,075,408	3,228,131,767	2,798,025,882	2,580,669,109
2044	2,108,361,700	2,668,664,568	3,053,056,183	2,486,954,016	3,067,322,771	3,232,092,790	3,381,910,239	2,955,332,286	2,742,004,525
2045	2,217,767,549	2,812,479,298	3,259,184,931	2,643,877,020	3,264,314,940	3,417,634,606	3,591,432,418	3,152,856,929	2,911,810,276
2046	2,480,699,662	3,017,551,883	3,566,081,358	2,834,151,087	3,579,879,531	3,732,003,250	3,914,185,859	3,456,694,456	3,193,046,962
2047	2,685,821,367	3,199,557,402	3,900,789,719	3,023,447,405	3,913,518,476	4,097,756,800	4,251,326,448	3,767,613,421	3,478,942,403

Revenue Requirements Detail

Fuel Costs Revenue Requirements (\$) including City Payment (CP) (excluding STEP and URI) for each portfolio for the Volatile Market scenario by calendar year

CY	VMA P1	VMA P2	VMA P3	VMA P4	VMA P5	VMA P6	VMA P7	VMA P8	VMA P9
2023	1,061,591,907	1,061,591,907	1,061,591,907	1,082,626,230	1,082,619,401	1,057,625,416	1,057,586,014	1,082,618,683	1,046,533,823
2024	1,020,712,855	1,020,712,855	1,020,712,855	1,016,990,381	1,016,990,381	960,019,299	960,008,849	1,016,990,381	1,010,607,534
2025	1,002,291,654	1,008,612,174	1,002,904,522	998,062,100	991,940,167	971,962,548	971,960,419	998,299,015	1,007,977,936
2026	1,060,490,457	1,143,266,045	1,098,139,603	1,072,216,217	1,054,816,561	1,152,559,531	1,152,564,706	1,099,651,356	1,089,060,822
2027	1,136,323,955	1,288,413,639	1,250,064,361	1,209,832,366	1,197,293,797	1,480,983,299	1,480,956,128	1,248,553,392	1,171,785,044
2028	1,182,298,547	1,349,843,413	1,436,218,146	1,299,041,625	1,474,269,976	1,784,606,288	1,784,427,189	1,540,329,085	1,294,900,848
2029	1,219,955,958	1,409,685,579	1,742,915,646	1,383,626,426	1,776,744,110	2,100,902,049	2,091,763,009	1,755,178,247	1,505,183,636
2030	1,224,683,626	1,436,291,645	1,893,181,461	1,270,776,754	1,946,942,286	2,215,481,865	2,223,531,604	1,765,424,042	1,583,665,017
2031	1,248,723,009	1,457,155,982	1,845,966,193	1,320,573,080	1,897,820,871	2,162,823,496	2,296,591,137	1,800,187,747	1,613,164,460
2032	1,298,906,733	1,410,384,250	1,897,533,838	1,380,140,214	1,941,984,494	2,125,951,809	2,377,280,268	1,760,938,524	1,560,689,788
2033	1,308,106,455	1,314,597,417	1,820,875,826	1,316,352,923	1,868,459,627	2,055,584,451	2,325,442,407	1,692,468,077	1,478,142,540
2034	1,364,124,792	1,299,708,871	1,812,432,918	1,298,092,134	1,859,239,388	2,055,447,881	2,312,097,701	1,688,409,430	1,473,737,112
2035	1,450,659,372	1,461,719,129	2,003,109,810	1,471,256,587	2,057,310,738	2,281,024,095	2,490,145,471	1,947,392,274	1,698,198,652
2036	1,552,150,390	1,589,199,995	2,150,239,725	1,600,160,034	2,201,464,640	2,336,582,667	2,635,950,848	2,074,997,371	1,834,920,733
2037	1,600,328,565	1,634,179,341	2,198,135,398	1,644,945,577	2,251,483,794	2,390,465,299	2,689,945,569	2,123,753,568	1,915,767,646
2038	1,662,991,336	1,735,362,587	2,264,554,706	1,751,772,275	2,365,046,484	2,508,542,773	2,815,337,244	2,224,322,206	1,978,848,294
2039	1,760,644,363	1,882,775,555	2,403,723,906	1,842,838,017	2,476,118,624	2,643,094,903	2,970,269,110	2,354,119,787	2,094,841,689
2040	1,787,220,135	2,058,141,744	2,590,944,379	2,007,011,081	2,658,054,598	2,932,671,496	3,283,355,331	2,575,580,612	2,262,713,551
2041	1,843,324,498	2,336,090,048	2,785,805,970	2,087,428,816	2,907,588,423	3,150,510,731	3,360,951,264	2,704,462,813	2,376,753,136
2042	1,901,213,748	2,600,680,684	2,926,837,273	2,153,578,546	3,044,477,949	3,354,900,014	3,511,366,440	2,887,967,881	2,537,641,046
2043	1,987,186,345	2,799,345,832	3,257,375,059	2,328,000,056	3,281,350,861	3,612,731,987	3,807,653,376	3,117,064,114	2,753,743,453
2044	2,122,953,392	3,004,728,930	3,467,321,845	2,498,768,787	3,499,209,804	3,782,161,073	3,962,573,541	3,284,551,133	2,923,201,997
2045	2,271,082,632	3,126,108,566	3,633,880,244	2,637,466,446	3,648,304,368	3,905,432,969	4,100,178,978	3,426,503,969	3,050,302,319
2046	2,378,940,320	3,226,939,463	3,835,469,745	2,717,055,496	3,864,548,811	4,097,181,080	4,326,231,325	3,618,270,813	3,226,566,195
2047	2,520,427,302	3,358,727,475	4,088,221,365	2,859,159,303	4,118,346,024	4,320,009,221	4,508,892,859	3,838,200,457	3,464,893,851

Revenue Requirements Detail

Fuel Costs Revenue Requirements (\$) including City Payment (CP) (excluding STEP and URI) for each portfolio for the Extreme Weather sensitivity by calendar year

CY	EXW P1	EXW P2	EXW P3	EXW P4	EXW P5	EXW P6	EXW P7	EXW P8	EXW P9
2023	1,001,309,827	1,001,309,827	1,001,309,827	1,006,005,407	1,005,929,095	1,011,844,216	1,011,811,618	998,375,699	991,591,348
2024	947,951,694	947,951,694	947,951,694	930,085,259	929,914,697	925,253,912	925,215,098	926,230,351	942,968,496
2025	949,023,594	952,851,496	950,647,837	935,168,905	934,898,062	942,640,832	942,661,069	938,278,935	953,637,134
2026	1,002,151,784	1,050,179,969	1,032,186,954	1,003,594,014	1,007,500,887	1,103,697,957	1,103,694,384	1,082,817,113	1,031,808,031
2027	1,067,066,556	1,172,724,442	1,188,425,293	1,117,559,617	1,167,025,912	1,384,124,621	1,384,153,759	1,209,786,542	1,146,504,519
2028	1,133,422,468	1,267,611,502	1,360,467,132	1,250,614,114	1,370,821,893	1,672,705,471	1,672,760,796	1,423,433,698	1,278,984,147
2029	1,145,228,657	1,304,992,680	1,583,305,286	1,334,040,243	1,608,729,876	1,928,588,433	1,923,591,482	1,596,786,379	1,407,871,113
2030	1,504,791,929	1,864,544,537	3,228,428,832	1,979,661,072	3,299,794,931	3,300,893,193	3,317,077,517	2,736,132,773	2,529,213,821
2031	1,215,073,448	1,406,909,213	1,721,142,380	1,361,707,784	1,767,473,401	1,959,278,339	2,080,459,119	1,691,478,502	1,538,164,284
2032	1,258,913,814	1,367,058,402	1,776,589,926	1,413,140,853	1,814,861,613	1,933,409,828	2,157,702,004	1,658,386,236	1,499,377,629
2033	1,271,994,430	1,292,992,108	1,738,459,968	1,360,386,458	1,777,625,262	1,897,238,260	2,142,046,734	1,606,829,947	1,446,221,969
2034	1,319,125,704	1,263,778,049	1,716,123,072	1,335,205,772	1,755,692,811	1,878,950,075	2,094,214,728	1,595,337,957	1,433,738,419
2035	1,384,244,149	1,376,734,716	1,829,782,989	1,450,016,503	1,875,026,698	2,019,534,825	2,182,652,400	1,762,077,310	1,579,849,003
2036	1,469,968,943	1,473,964,679	1,926,955,841	1,550,397,002	1,972,883,345	2,018,320,285	2,265,535,752	1,844,241,908	1,673,076,909
2037	1,520,304,128	1,516,873,701	1,946,135,848	1,591,362,801	1,995,709,028	2,027,582,147	2,261,056,093	1,862,032,969	1,708,523,775
2038	1,590,284,220	1,613,476,610	2,017,945,574	1,697,148,967	2,100,681,243	2,114,903,325	2,352,369,891	1,941,442,331	1,766,164,563
2039	1,684,164,675	1,735,302,893	2,115,041,831	1,788,271,280	2,176,498,460	2,188,424,145	2,434,199,263	2,023,971,557	1,856,405,450
2040	1,731,226,746	1,877,698,238	2,257,396,625	1,932,443,291	2,313,678,227	2,385,156,149	2,638,044,799	2,159,512,011	1,981,200,212
2041	1,783,516,806	2,076,631,197	2,392,145,676	2,008,965,229	2,489,783,213	2,514,675,705	2,644,126,586	2,240,913,445	2,060,954,171
2042	1,840,767,608	2,271,157,711	2,483,243,227	2,074,293,109	2,575,806,915	2,645,472,641	2,734,048,486	2,386,067,919	2,190,463,600
2043	1,916,456,064	2,404,953,203	2,668,011,594	2,209,503,880	2,697,025,005	2,752,128,720	2,861,387,432	2,504,912,868	2,315,188,929
2044	2,005,547,120	2,565,669,785	2,827,634,274	2,350,992,856	2,857,602,305	2,879,492,389	2,981,183,921	2,636,828,506	2,444,593,701
2045	2,119,001,944	2,670,645,079	2,945,280,483	2,476,470,585	2,965,321,819	2,961,919,383	3,071,598,399	2,736,382,126	2,542,287,590
2046	2,213,574,755	2,756,890,750	3,045,071,767	2,553,669,680	3,079,241,798	3,070,594,560	3,204,036,443	2,844,843,877	2,648,510,646
2047	2,330,817,636	2,869,647,390	3,196,712,813	2,661,383,661	3,231,466,972	3,211,051,264	3,336,075,669	2,984,753,325	2,784,668,129

Revenue Requirements Detail

Fuel Costs Revenue Requirements (\$) including City Payment (CP) (excluding STEP and URI) for each portfolio for the Enhanced STEP, Reduced STEP and Build/Buy sensitivities by calendar year

CY	Enhanced STEP P4	Enhanced STEP P6	Reduced STEP P4	Reduced STEP P6	Build Buy P4
2023	1,007,825,023	1,013,655,190	1,008,045,005	1,013,862,351	1,006,005,396
2024	931,237,254	926,387,039	931,655,226	926,796,065	930,085,259
2025	935,886,014	942,921,184	936,722,689	943,743,133	935,168,909
2026	1,003,321,972	1,098,473,340	1,005,140,903	1,100,162,503	1,015,713,925
2027	1,113,552,076	1,374,104,184	1,118,078,967	1,380,190,290	1,266,079,752
2028	1,240,871,632	1,624,252,834	1,252,425,305	1,670,813,117	1,405,962,946
2029	1,316,814,811	1,873,991,580	1,340,469,106	1,932,889,225	1,533,335,872
2030	1,261,907,510	1,931,831,163	1,295,866,783	2,021,305,558	1,570,597,912
2031	1,333,030,938	1,893,858,497	1,379,763,829	1,992,302,264	1,647,742,832
2032	1,378,272,884	1,862,287,420	1,437,032,147	1,974,937,317	1,706,709,607
2033	1,318,984,849	1,826,601,375	1,390,808,663	1,973,955,908	1,747,566,511
2034	1,287,737,623	1,859,858,913	1,373,299,012	1,954,433,504	1,808,060,121
2035	1,394,727,358	1,980,493,366	1,496,334,961	2,098,441,169	1,919,855,791
2036	1,485,550,985	1,967,963,707	1,606,014,669	2,099,627,107	2,023,863,917
2037	1,519,601,404	1,965,072,137	1,655,584,338	2,109,756,603	2,105,319,392
2038	1,617,141,514	2,036,974,436	1,770,650,925	2,203,012,703	2,214,571,865
2039	1,700,432,285	2,105,515,629	1,871,591,608	2,291,454,197	2,351,642,659
2040	1,835,106,097	2,295,825,852	2,025,547,944	2,495,421,497	2,534,593,442
2041	1,903,262,948	2,420,005,523	2,113,589,419	2,634,971,375	2,615,453,157
2042	1,963,887,880	2,544,741,681	2,187,821,960	2,778,774,206	2,728,828,145
2043	2,097,107,217	2,649,024,246	2,328,993,035	2,888,260,642	2,913,172,017
2044	2,236,351,295	2,722,217,654	2,473,060,305	3,015,501,728	3,099,600,205
2045	2,358,563,054	2,803,130,378	2,602,233,445	3,099,133,094	3,233,368,474
2046	2,434,552,640	2,907,676,447	2,680,538,856	3,212,453,877	3,404,647,019
2047	2,538,620,332	3,041,275,829	2,789,632,395	3,345,134,935	3,516,352,805

Revenue Requirements Detail

STEP Revenue Requirements (\$) including City Payment for the Enhanced STEP, Reduced STEP and Build/Buy sensitivities

CY	Enhanced STEP P4	Enhanced STEP P6	Reduced STEP P4	Reduced STEP P6	Build Buy P4
2023	81,395,349	81,395,349	81,395,349	81,395,349	81,395,349
2024	81,395,349	81,395,349	81,395,349	81,395,349	81,395,349
2025	81,395,349	81,395,349	81,395,349	81,395,349	81,395,349
2026	81,395,349	81,395,349	81,395,349	81,395,349	81,395,349
2027	116,279,070	116,279,070	44,186,047	44,186,047	81,395,349
2028	116,279,070	116,279,070	-	-	81,395,349
2029	116,279,070	116,279,070	-	-	81,395,349
2030	116,279,070	116,279,070	-	-	81,395,349
2031	116,279,070	116,279,070	-	-	81,395,349
2032	116,279,070	116,279,070	-	-	81,395,349
2033	116,279,070	116,279,070	-	-	81,395,349
2034	116,279,070	116,279,070	-	-	81,395,349
2035	116,279,070	116,279,070	-	-	81,395,349
2036	116,279,070	116,279,070	-	-	81,395,349
2037	116,279,070	116,279,070	-	-	81,395,349
2038	116,279,070	116,279,070	-	-	81,395,349
2039	116,279,070	116,279,070	-	-	81,395,349
2040	116,279,070	116,279,070	-	-	81,395,349
2041	116,279,070	116,279,070	-	-	81,395,349
2042	116,279,070	116,279,070	-	-	81,395,349
2043	116,279,070	116,279,070	-	-	81,395,349
2044	116,279,070	116,279,070	-	-	81,395,349
2045	116,279,070	116,279,070	-	-	81,395,349
2046	116,279,070	116,279,070	-	-	81,395,349
2047	116,279,070	116,279,070	-	-	81,395,349

Revenue Requirements Detail

Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Reference scenario by calendar year

CY	Ref P1	Ref P2	Ref P3	Ref P4	Ref P5	Ref P6	Ref P7	Ref P8	Ref P9
2023	1,082,705,175	1,082,705,175	1,082,705,175	1,087,400,756	1,087,324,444	1,093,239,565	1,093,206,967	1,079,771,048	1,072,986,697
2024	1,029,347,043	1,029,347,043	1,029,347,043	1,011,480,608	1,011,310,046	1,006,649,261	1,006,610,447	1,007,625,700	1,024,363,845
2025	1,030,418,942	1,034,246,845	1,032,043,186	1,016,564,254	1,016,293,410	1,024,036,181	1,024,056,418	1,019,674,284	1,035,032,483
2026	1,083,547,133	1,131,575,318	1,113,582,303	1,084,989,363	1,088,896,236	1,185,093,306	1,185,089,733	1,164,212,462	1,113,203,380
2027	1,148,461,905	1,254,119,790	1,269,820,642	1,198,954,966	1,248,421,261	1,465,519,970	1,465,549,108	1,291,181,891	1,227,899,868
2028	1,214,817,816	1,349,006,851	1,441,862,481	1,332,009,463	1,452,217,242	1,754,100,820	1,754,156,145	1,504,829,047	1,360,379,496
2029	1,226,624,006	1,386,388,029	1,664,700,635	1,415,435,592	1,690,125,225	2,009,983,782	2,004,986,831	1,678,181,728	1,489,266,462
2030	1,266,892,268	1,452,214,566	1,819,628,819	1,365,606,821	1,867,338,870	2,073,402,444	2,082,031,187	1,724,685,466	1,577,825,707
2031	1,296,468,797	1,488,304,562	1,802,537,729	1,443,103,132	1,848,868,750	2,040,673,688	2,161,854,468	1,772,873,851	1,619,559,632
2032	1,340,309,163	1,448,453,750	1,857,985,275	1,494,536,202	1,896,256,962	2,014,805,176	2,239,097,353	1,739,781,584	1,580,772,978
2033	1,353,389,779	1,374,387,457	1,819,855,317	1,441,781,807	1,859,020,611	1,978,633,609	2,223,442,082	1,688,225,296	1,527,617,318
2034	1,400,521,053	1,345,173,398	1,797,518,421	1,416,601,121	1,837,088,160	1,960,345,423	2,175,610,077	1,676,733,306	1,515,133,768
2035	1,465,639,498	1,458,130,065	1,911,178,338	1,531,411,852	1,956,422,047	2,100,930,174	2,264,047,749	1,843,472,659	1,661,244,352
2036	1,551,364,292	1,555,360,027	2,008,351,190	1,631,792,351	2,054,278,694	2,099,715,634	2,346,931,101	1,925,637,257	1,754,472,258
2037	1,601,699,477	1,598,269,050	2,027,531,197	1,672,758,150	2,077,104,377	2,108,977,495	2,342,451,442	1,943,428,318	1,789,919,124
2038	1,671,679,569	1,694,871,959	2,099,340,922	1,778,544,316	2,182,076,592	2,196,298,674	2,433,765,240	2,022,837,680	1,847,559,912
2039	1,765,560,023	1,816,698,241	2,196,437,180	1,869,666,629	2,257,893,809	2,269,819,494	2,515,594,611	2,105,366,905	1,937,800,799
2040	1,812,622,095	1,959,093,586	2,338,791,974	2,013,838,640	2,395,073,576	2,466,551,498	2,719,440,148	2,240,907,360	2,062,595,561
2041	1,864,912,155	2,158,026,546	2,473,541,025	2,090,360,577	2,571,178,562	2,596,071,054	2,725,521,935	2,322,308,794	2,142,349,519
2042	1,922,162,957	2,352,553,060	2,564,638,576	2,155,688,458	2,657,202,264	2,726,867,990	2,815,443,835	2,467,463,268	2,271,858,948
2043	1,997,851,413	2,486,348,552	2,749,406,943	2,290,899,229	2,778,420,354	2,833,524,068	2,942,782,781	2,586,308,217	2,396,584,278
2044	2,086,942,469	2,647,065,134	2,909,029,623	2,432,388,204	2,938,997,654	2,960,887,738	3,062,579,270	2,718,223,855	2,525,989,049
2045	2,200,397,293	2,752,040,428	3,026,675,832	2,557,865,934	3,046,717,168	3,043,314,732	3,152,993,748	2,817,777,474	2,623,682,939
2046	2,294,970,104	2,838,286,099	3,126,467,116	2,635,065,029	3,160,637,147	3,151,989,909	3,285,431,791	2,926,239,226	2,729,905,995
2047	2,412,212,985	2,951,042,739	3,278,108,162	2,742,779,010	3,312,862,321	3,292,446,613	3,417,471,018	3,066,148,674	2,866,063,478

Revenue Requirements Detail

Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Carbon Based Economy scenario by calendar year

CY	CBE P1	CBE P2	CBE P3	CBE P4	CBE P5	CBE P6	CBE P7	CBE P8	CBE P9
2023	1,075,533,825	1,075,533,825	1,075,533,825	1,068,700,115	1,068,696,753	1,092,903,364	1,092,926,037	1,068,696,753	1,066,608,918
2024	1,018,883,341	1,018,883,341	1,018,883,341	987,479,374	987,354,510	1,004,236,284	1,004,236,873	987,331,689	1,014,429,195
2025	1,016,310,103	1,021,159,870	1,017,688,685	992,749,524	992,020,884	1,023,129,183	1,023,130,443	996,395,440	1,021,259,306
2026	1,056,151,717	1,108,297,467	1,092,085,319	1,050,856,197	1,058,288,782	1,175,571,229	1,175,582,737	1,106,640,715	1,087,446,931
2027	1,064,192,790	1,175,974,844	1,203,276,780	1,110,882,813	1,173,204,132	1,431,167,836	1,431,196,149	1,217,197,950	1,155,584,298
2028	1,087,166,716	1,232,717,461	1,355,559,102	1,192,803,583	1,357,746,548	1,711,990,893	1,712,040,275	1,417,544,061	1,260,879,871
2029	1,078,135,767	1,254,894,362	1,572,844,803	1,244,620,532	1,595,354,147	1,961,388,919	1,954,780,699	1,583,666,276	1,397,525,053
2030	1,084,751,631	1,292,071,007	1,702,796,509	1,153,333,179	1,746,738,786	2,021,302,063	2,029,165,503	1,611,136,937	1,471,580,819
2031	1,093,823,080	1,305,489,209	1,667,528,117	1,203,377,176	1,708,836,432	1,974,627,320	2,099,824,808	1,649,777,117	1,504,136,226
2032	1,116,465,529	1,250,199,803	1,731,868,869	1,262,914,399	1,768,090,899	1,962,275,977	2,199,881,890	1,625,224,024	1,468,184,527
2033	1,108,250,611	1,170,849,852	1,689,604,680	1,209,886,670	1,726,710,863	1,921,380,648	2,189,838,344	1,576,791,926	1,412,877,376
2034	1,131,818,815	1,143,835,492	1,688,230,274	1,185,502,738	1,723,392,250	1,929,996,625	2,175,118,307	1,576,493,445	1,415,933,734
2035	1,159,748,124	1,253,618,926	1,815,174,616	1,304,519,658	1,856,640,071	2,097,500,625	2,296,355,117	1,777,798,629	1,585,951,744
2036	1,193,451,277	1,316,346,522	1,891,922,145	1,374,803,022	1,926,429,036	2,074,224,110	2,366,385,614	1,834,540,799	1,657,622,972
2037	1,212,117,517	1,342,810,648	1,917,707,934	1,402,466,321	1,954,399,121	2,110,196,528	2,398,136,893	1,866,078,075	1,722,757,953
2038	1,235,030,077	1,434,548,370	1,972,280,105	1,506,393,625	2,056,611,357	2,211,769,054	2,496,124,098	1,951,799,896	1,773,296,117
2039	1,270,942,447	1,527,704,606	2,087,860,009	1,565,628,119	2,140,543,189	2,332,304,612	2,645,916,126	2,059,507,431	1,871,584,222
2040	1,277,484,001	1,677,376,762	2,262,729,838	1,725,428,717	2,308,552,409	2,588,586,145	2,906,660,181	2,257,807,848	2,029,324,611
2041	1,276,303,202	1,886,679,892	2,452,397,152	1,793,283,991	2,538,175,583	2,796,343,757	2,977,335,245	2,368,233,287	2,134,238,831
2042	1,270,605,270	2,079,414,091	2,558,659,486	1,836,937,505	2,638,641,836	2,955,922,402	3,075,181,150	2,528,862,170	2,281,555,399
2043	1,313,812,316	2,234,113,493	2,802,288,784	1,979,718,397	2,815,403,737	3,140,146,705	3,285,042,051	2,706,273,588	2,451,041,228
2044	1,358,033,895	2,409,014,356	2,981,954,788	2,125,352,609	3,007,707,356	3,306,138,542	3,438,448,068	2,867,212,709	2,611,338,100
2045	1,415,945,721	2,505,662,984	3,143,284,576	2,254,622,654	3,156,706,600	3,429,346,410	3,574,995,560	3,007,978,089	2,743,414,057
2046	1,465,064,103	2,574,435,866	3,313,937,246	2,320,851,819	3,341,219,842	3,598,097,154	3,759,455,473	3,182,328,426	2,912,416,994
2047	1,523,052,636	2,696,720,315	3,523,563,066	2,453,208,908	3,553,346,621	3,780,020,410	3,932,250,874	3,374,584,543	3,117,020,736

Revenue Requirements Detail

Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Net Zero Economy scenario by calendar year

CY	NZE P1	NZE P2	NZE P3	NZE P4	NZE P5	NZE P6	NZE P7	NZE P8	NZE P9
2023	1,116,332,487	1,116,332,487	1,116,332,487	1,117,732,851	1,117,726,382	1,119,267,152	1,119,299,272	1,117,725,015	1,106,401,871
2024	1,054,908,018	1,054,908,018	1,054,908,018	1,032,094,154	1,032,094,154	1,025,008,574	1,025,019,836	1,032,094,154	1,049,823,258
2025	1,051,741,102	1,055,998,617	1,052,834,478	1,032,703,001	1,031,748,231	1,042,195,101	1,042,159,870	1,036,888,012	1,055,148,302
2026	1,104,683,059	1,152,965,752	1,132,505,604	1,102,165,466	1,101,636,971	1,186,330,136	1,186,343,252	1,150,550,744	1,126,618,980
2027	1,209,556,354	1,309,365,661	1,301,594,269	1,252,857,318	1,272,125,463	1,487,719,964	1,487,720,964	1,285,020,358	1,259,343,814
2028	1,235,368,978	1,348,780,896	1,414,367,409	1,336,159,155	1,428,220,603	1,692,740,192	1,693,085,134	1,472,743,329	1,351,129,963
2029	1,259,788,666	1,396,674,249	1,624,082,806	1,424,046,908	1,643,664,776	1,933,633,926	1,931,787,129	1,642,638,582	1,472,073,229
2030	1,315,318,890	1,476,171,532	1,751,082,496	1,380,251,911	1,789,162,743	1,969,699,386	1,980,332,597	1,671,988,580	1,533,378,234
2031	1,377,487,503	1,542,806,819	1,752,467,643	1,490,520,872	1,790,014,722	1,954,754,929	2,094,579,274	1,743,017,727	1,595,418,004
2032	1,482,451,493	1,545,538,989	1,870,115,751	1,586,864,765	1,895,240,653	1,981,271,481	2,249,913,230	1,739,146,808	1,579,767,943
2033	1,572,826,517	1,491,192,366	1,835,246,942	1,545,463,400	1,860,898,451	1,940,752,120	2,249,250,973	1,678,344,823	1,521,690,106
2034	1,710,321,393	1,520,434,141	1,857,446,909	1,569,469,550	1,886,177,160	1,981,470,850	2,266,316,594	1,712,363,927	1,541,770,304
2035	1,808,848,845	1,643,133,389	1,994,409,539	1,689,121,902	2,025,635,686	2,164,506,204	2,392,706,396	1,941,631,342	1,742,140,231
2036	1,970,470,700	1,789,562,015	2,131,329,359	1,835,421,210	2,159,369,268	2,194,417,304	2,512,426,855	2,053,908,521	1,873,325,402
2037	2,160,740,991	1,950,323,677	2,272,797,383	1,998,718,917	2,302,089,996	2,338,799,759	2,666,375,781	2,193,030,607	2,047,311,324
2038	2,289,543,095	2,084,681,528	2,353,675,281	2,130,622,127	2,418,414,208	2,451,631,133	2,787,936,928	2,306,416,319	2,138,114,876
2039	2,233,094,496	2,102,912,561	2,359,023,783	2,121,068,844	2,399,480,332	2,452,025,995	2,808,201,599	2,326,686,918	2,147,855,920
2040	2,193,634,084	2,186,133,288	2,484,344,193	2,226,175,766	2,521,352,190	2,662,540,432	3,022,954,085	2,480,870,504	2,265,533,075
2041	2,080,060,894	2,241,107,530	2,572,370,202	2,206,791,401	2,639,573,576	2,743,920,178	2,944,451,404	2,485,208,861	2,287,545,590
2042	2,088,075,384	2,402,537,167	2,680,322,311	2,256,121,926	2,737,494,617	2,906,254,934	3,044,424,499	2,654,360,585	2,447,123,935
2043	2,199,307,180	2,611,046,155	2,964,419,026	2,458,959,548	2,968,625,946	3,148,470,757	3,309,527,116	2,879,421,231	2,662,064,458
2044	2,189,757,048	2,750,059,917	3,134,451,532	2,568,349,365	3,148,718,120	3,313,488,139	3,463,305,588	3,036,727,635	2,823,399,874
2045	2,299,162,898	2,893,874,647	3,340,580,280	2,725,272,369	3,345,710,289	3,499,029,955	3,672,827,767	3,234,252,278	2,993,205,625
2046	2,562,095,011	3,098,947,232	3,647,476,707	2,915,546,436	3,661,274,880	3,813,398,599	3,995,581,207	3,538,089,805	3,274,442,311
2047	2,767,216,716	3,280,952,751	3,982,185,068	3,104,842,754	3,994,913,825	4,179,152,149	4,332,721,797	3,849,008,770	3,560,337,752

Revenue Requirements Detail

Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Volatile Market scenario by calendar year

CY	VMA P1	VMA P2	VMA P3	VMA P4	VMA P5	VMA P6	VMA P7	VMA P8	VMA P9
2023	1,142,987,255	1,142,987,255	1,142,987,255	1,164,021,579	1,164,014,749	1,139,020,765	1,138,981,363	1,164,014,032	1,127,929,171
2024	1,102,108,204	1,102,108,204	1,102,108,204	1,098,385,730	1,098,385,730	1,041,414,648	1,041,404,198	1,098,385,730	1,092,002,883
2025	1,083,687,002	1,090,007,522	1,084,299,871	1,079,457,449	1,073,335,516	1,053,357,897	1,053,355,768	1,079,694,364	1,089,373,285
2026	1,141,885,806	1,224,661,394	1,179,534,952	1,153,611,566	1,136,211,909	1,233,954,880	1,233,960,055	1,181,046,704	1,170,456,171
2027	1,217,719,303	1,369,808,988	1,331,459,710	1,291,227,715	1,278,689,146	1,562,378,648	1,562,351,477	1,329,948,741	1,253,180,392
2028	1,263,693,896	1,431,238,762	1,517,613,494	1,380,436,973	1,555,665,324	1,866,001,636	1,865,822,538	1,621,724,434	1,376,296,197
2029	1,301,351,307	1,491,080,928	1,824,310,995	1,465,021,775	1,858,139,459	2,182,297,398	2,173,158,358	1,836,573,596	1,586,578,985
2030	1,306,078,975	1,517,686,994	1,974,576,810	1,352,172,103	2,028,337,635	2,296,877,214	2,304,926,953	1,846,819,390	1,665,060,366
2031	1,330,118,357	1,538,551,331	1,927,361,542	1,401,968,429	1,979,216,220	2,244,218,845	2,377,986,486	1,881,583,096	1,694,559,809
2032	1,380,302,082	1,491,779,599	1,978,929,187	1,461,535,562	2,023,379,843	2,207,347,158	2,458,675,617	1,842,333,873	1,642,085,137
2033	1,389,501,804	1,395,992,766	1,902,271,175	1,397,748,272	1,949,854,976	2,136,979,799	2,406,837,755	1,773,863,426	1,559,537,889
2034	1,445,520,141	1,381,104,220	1,893,828,267	1,379,487,483	1,940,634,737	2,136,843,230	2,393,493,050	1,769,804,779	1,555,132,461
2035	1,532,054,721	1,543,114,477	2,084,505,159	1,552,651,935	2,138,706,087	2,362,419,444	2,571,540,819	2,028,787,623	1,779,594,001
2036	1,633,545,738	1,670,595,344	2,231,635,074	1,681,555,383	2,282,859,989	2,417,978,015	2,717,346,197	2,156,392,720	1,916,316,081
2037	1,681,723,914	1,715,574,690	2,279,530,747	1,726,340,925	2,332,879,143	2,471,860,648	2,771,340,918	2,205,148,916	1,997,162,995
2038	1,744,386,685	1,816,757,936	2,345,950,055	1,833,167,624	2,446,441,833	2,589,938,122	2,896,732,593	2,305,717,555	2,060,243,643
2039	1,842,039,712	1,964,170,904	2,485,119,255	1,924,233,366	2,557,513,973	2,724,490,252	3,051,664,458	2,435,515,136	2,176,237,038
2040	1,868,615,484	2,139,537,093	2,672,339,727	2,088,406,429	2,739,449,947	3,014,066,845	3,364,750,679	2,656,975,961	2,344,108,900
2041	1,924,719,847	2,417,485,397	2,867,201,319	2,168,824,165	2,988,983,771	3,231,906,080	3,442,346,613	2,785,858,162	2,458,148,485
2042	1,982,609,096	2,682,076,033	3,008,232,622	2,234,973,894	3,125,873,297	3,436,295,363	3,592,761,789	2,969,363,230	2,619,036,395
2043	2,068,581,694	2,880,741,181	3,338,770,408	2,409,395,405	3,362,746,210	3,694,127,336	3,889,048,725	3,198,459,463	2,835,138,801
2044	2,204,348,741	3,086,124,278	3,548,717,193	2,580,164,135	3,580,605,153	3,863,556,422	4,043,968,890	3,365,946,482	3,004,597,346
2045	2,352,477,980	3,207,503,915	3,715,275,593	2,718,861,795	3,729,699,717	3,986,828,318	4,181,574,327	3,507,899,318	3,131,697,667
2046	2,460,335,668	3,308,334,812	3,916,865,094	2,798,450,845	3,945,944,160	4,178,576,429	4,407,626,674	3,699,666,162	3,307,961,544
2047	2,601,822,651	3,440,122,824	4,169,616,713	2,940,554,652	4,199,741,373	4,401,404,570	4,590,288,208	3,919,595,805	3,546,289,200

Revenue Requirements Detail

Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Extreme Weather sensitivity by calendar year

CY	EXW P1	EXW P2	EXW P3	EXW P4	EXW P5	EXW P6	EXW P7	EXW P8	EXW P9
2023	1,082,705,175	1,082,705,175	1,082,705,175	1,087,400,756	1,087,324,444	1,093,239,565	1,093,206,967	1,079,771,048	1,072,986,697
2024	1,029,347,043	1,029,347,043	1,029,347,043	1,011,480,608	1,011,310,046	1,006,649,261	1,006,610,447	1,007,625,700	1,024,363,845
2025	1,030,418,942	1,034,246,845	1,032,043,186	1,016,564,254	1,016,293,410	1,024,036,181	1,024,056,418	1,019,674,284	1,035,032,483
2026	1,083,547,133	1,131,575,318	1,113,582,303	1,084,989,363	1,088,896,236	1,185,093,306	1,185,089,733	1,164,212,462	1,113,203,380
2027	1,148,461,905	1,254,119,790	1,269,820,642	1,198,954,966	1,248,421,261	1,465,519,970	1,465,549,108	1,291,181,891	1,227,899,868
2028	1,214,817,816	1,349,006,851	1,441,862,481	1,332,009,463	1,452,217,242	1,754,100,820	1,754,156,145	1,504,829,047	1,360,379,496
2029	1,226,624,006	1,386,388,029	1,664,700,635	1,415,435,592	1,690,125,225	2,009,983,782	2,004,986,831	1,678,181,728	1,489,266,462
2030	1,586,187,278	1,945,939,886	3,309,824,181	2,061,056,421	3,381,190,279	3,382,288,542	3,398,472,866	2,817,528,122	2,610,609,170
2031	1,296,468,797	1,488,304,562	1,802,537,729	1,443,103,132	1,848,868,750	2,040,673,688	2,161,854,468	1,772,873,851	1,619,559,632
2032	1,340,309,163	1,448,453,750	1,857,985,275	1,494,536,202	1,896,256,962	2,014,805,176	2,239,097,353	1,739,781,584	1,580,772,978
2033	1,353,389,779	1,374,387,457	1,819,855,317	1,441,781,807	1,859,020,611	1,978,633,609	2,223,442,082	1,688,225,296	1,527,617,318
2034	1,400,521,053	1,345,173,398	1,797,518,421	1,416,601,121	1,837,088,160	1,960,345,423	2,175,610,077	1,676,733,306	1,515,133,768
2035	1,465,639,498	1,458,130,065	1,911,178,338	1,531,411,852	1,956,422,047	2,100,930,174	2,264,047,749	1,843,472,659	1,661,244,352
2036	1,551,364,292	1,555,360,027	2,008,351,190	1,631,792,351	2,054,278,694	2,099,715,634	2,346,931,101	1,925,637,257	1,754,472,258
2037	1,601,699,477	1,598,269,050	2,027,531,197	1,672,758,150	2,077,104,377	2,108,977,495	2,342,451,442	1,943,428,318	1,789,919,124
2038	1,671,679,569	1,694,871,959	2,099,340,922	1,778,544,316	2,182,076,592	2,196,298,674	2,433,765,240	2,022,837,680	1,847,559,912
2039	1,765,560,023	1,816,698,241	2,196,437,180	1,869,666,629	2,257,893,809	2,269,819,494	2,515,594,611	2,105,366,905	1,937,800,799
2040	1,812,622,095	1,959,093,586	2,338,791,974	2,013,838,640	2,395,073,576	2,466,551,498	2,719,440,148	2,240,907,360	2,062,595,561
2041	1,864,912,155	2,158,026,546	2,473,541,025	2,090,360,577	2,571,178,562	2,596,071,054	2,725,521,935	2,322,308,794	2,142,349,519
2042	1,922,162,957	2,352,553,060	2,564,638,576	2,155,688,458	2,657,202,264	2,726,867,990	2,815,443,835	2,467,463,268	2,271,858,948
2043	1,997,851,413	2,486,348,552	2,749,406,943	2,290,899,229	2,778,420,354	2,833,524,068	2,942,782,781	2,586,308,217	2,396,584,278
2044	2,086,942,469	2,647,065,134	2,909,029,623	2,432,388,204	2,938,997,654	2,960,887,738	3,062,579,270	2,718,223,855	2,525,989,049
2045	2,200,397,293	2,752,040,428	3,026,675,832	2,557,865,934	3,046,717,168	3,043,314,732	3,152,993,748	2,817,777,474	2,623,682,939
2046	2,294,970,104	2,838,286,099	3,126,467,116	2,635,065,029	3,160,637,147	3,151,989,909	3,285,431,791	2,926,239,226	2,729,905,995
2047	2,412,212,985	2,951,042,739	3,278,108,162	2,742,779,010	3,312,862,321	3,292,446,613	3,417,471,018	3,066,148,674	2,866,063,478

Revenue Requirements Detail

**Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Enhanced STEP,
Reduced STEP and Build/Buy sensitivities by calendar year**

CY	Enhanced STEP P4	Enhanced STEP P6	Reduced STEP P4	Reduced STEP P6	Build Buy P4
2023	1,089,220,372	1,095,050,539	1,089,440,354	1,095,257,700	1,087,400,745
2024	1,012,632,603	1,007,782,388	1,013,050,575	1,008,191,414	1,011,480,608
2025	1,017,281,363	1,024,316,533	1,018,118,038	1,025,138,482	1,016,564,258
2026	1,084,717,321	1,179,868,689	1,086,536,252	1,181,557,851	1,097,109,274
2027	1,229,831,145	1,490,383,254	1,162,265,014	1,424,376,336	1,347,475,101
2028	1,357,150,701	1,740,531,904	1,252,425,305	1,670,813,117	1,487,358,295
2029	1,433,093,881	1,990,270,650	1,340,469,106	1,932,889,225	1,614,731,220
2030	1,378,186,580	2,048,110,233	1,295,866,783	2,021,305,558	1,651,993,261
2031	1,449,310,008	2,010,137,566	1,379,763,829	1,992,302,264	1,729,138,181
2032	1,494,551,953	1,978,566,490	1,437,032,147	1,974,937,317	1,788,104,956
2033	1,435,263,918	1,942,880,445	1,390,808,663	1,973,955,908	1,828,961,860
2034	1,404,016,692	1,976,137,983	1,373,299,012	1,954,433,504	1,889,455,470
2035	1,511,006,428	2,096,772,435	1,496,334,961	2,098,441,169	2,001,251,139
2036	1,601,830,055	2,084,242,777	1,606,014,669	2,099,627,107	2,105,259,266
2037	1,635,880,474	2,081,351,207	1,655,584,338	2,109,756,603	2,186,714,741
2038	1,733,420,584	2,153,253,506	1,770,650,925	2,203,012,703	2,295,967,214
2039	1,816,711,355	2,221,794,698	1,871,591,608	2,291,454,197	2,433,038,008
2040	1,951,385,167	2,412,104,922	2,025,547,944	2,495,421,497	2,615,988,790
2041	2,019,542,017	2,536,284,593	2,113,589,419	2,634,971,375	2,696,848,506
2042	2,080,166,950	2,661,020,751	2,187,821,960	2,778,774,206	2,810,223,494
2043	2,213,386,287	2,765,303,316	2,328,993,035	2,888,260,642	2,994,567,366
2044	2,352,630,365	2,838,496,724	2,473,060,305	3,015,501,728	3,180,995,554
2045	2,474,842,124	2,919,409,448	2,602,233,445	3,099,133,094	3,314,763,823
2046	2,550,831,710	3,023,955,517	2,680,538,856	3,212,453,877	3,486,042,368
2047	2,654,899,402	3,157,554,899	2,789,632,395	3,345,134,935	3,597,748,154

Revenue Requirements Detail

Non-Fuel Costs Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Reference scenario by calendar year

CY	Ref P1	Ref P2	Ref P3	Ref P4	Ref P5	Ref P6	Ref P7	Ref P8	Ref P9
2023	287,436,401	287,436,401	287,436,401	286,523,254	286,036,953	284,244,915	284,254,791	282,423,049	290,380,699
2024	318,735,961	318,735,961	318,735,961	329,629,296	327,716,933	319,334,762	319,354,089	324,120,030	321,217,192
2025	309,225,904	308,944,925	309,088,401	319,243,497	305,610,431	303,100,795	303,092,749	301,964,275	312,056,146
2026	318,217,568	309,215,860	306,317,275	328,299,007	307,332,114	286,754,727	286,756,706	282,868,460	312,201,442
2027	430,827,847	408,393,862	313,584,673	404,528,307	317,674,023	267,764,610	267,746,563	308,459,719	326,794,387
2028	423,266,750	395,232,410	258,480,511	369,587,308	264,838,534	183,594,339	226,000,079	269,016,067	282,009,929
2029	517,579,999	436,464,744	228,103,770	413,805,417	226,625,188	127,534,649	176,087,178	257,498,767	285,032,708
2030	566,863,416	500,910,895	338,408,639	531,596,882	296,656,187	482,917,371	524,209,191	336,668,041	352,208,941
2031	586,038,837	498,295,777	384,423,844	524,310,626	344,929,588	523,002,333	496,560,728	325,177,331	361,265,220
2032	661,682,457	587,680,530	403,375,425	542,862,855	362,488,336	589,481,520	495,261,981	402,737,908	421,362,615
2033	771,934,584	733,081,066	512,038,772	656,270,147	471,275,871	680,118,274	563,824,939	505,246,260	531,944,420
2034	771,188,429	789,597,043	562,945,098	714,810,914	524,688,530	722,462,398	568,990,538	556,252,173	580,921,223
2035	831,445,011	811,127,444	595,114,400	730,407,925	555,392,209	784,742,905	584,103,495	614,422,173	652,251,134
2036	905,159,590	852,440,999	635,838,636	773,973,293	598,365,586	809,317,607	615,244,808	645,988,634	685,199,142
2037	932,758,097	874,241,531	700,352,177	798,520,012	660,594,561	858,412,227	670,124,140	699,132,127	680,488,601
2038	970,989,753	879,206,410	763,077,502	805,010,336	661,513,347	848,280,940	661,519,288	700,142,068	746,479,592
2039	1,038,513,746	939,902,445	801,560,567	870,210,213	765,269,851	880,321,842	697,590,052	737,203,406	785,838,315
2040	1,080,350,691	943,324,678	850,274,527	882,510,554	813,739,816	855,817,419	722,910,503	752,965,854	834,745,793
2041	1,131,462,347	943,436,239	858,298,818	900,453,634	815,728,705	849,087,088	710,247,649	757,812,447	844,017,608
2042	1,206,782,048	1,003,160,663	888,735,937	973,155,744	847,295,304	874,324,600	726,863,863	790,271,424	883,161,426
2043	1,234,507,789	1,058,941,438	869,598,751	999,643,044	837,344,828	856,150,330	705,236,194	778,427,127	870,841,771
2044	1,275,314,987	1,093,978,843	875,681,246	1,042,025,599	844,474,699	861,023,587	709,174,108	789,417,405	882,809,938
2045	1,370,537,470	1,140,142,131	896,706,372	1,086,383,685	867,552,461	880,118,347	731,305,293	812,419,577	903,354,218
2046	1,375,927,580	1,181,240,368	860,975,203	1,128,349,350	828,002,329	846,071,755	691,633,479	773,295,853	868,367,954
2047	1,404,438,588	1,225,415,570	827,963,825	1,142,000,507	794,960,728	797,126,719	655,122,164	750,470,985	840,226,477

Revenue Requirements Detail

Non-Fuel Costs Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Carbon Based Economy scenario by calendar year

CY	CBE P1	CBE P2	CBE P3	CBE P4	CBE P5	CBE P6	CBE P7	CBE P8	CBE P9
2023	266,867,966	266,867,966	266,867,966	269,447,719	268,939,317	261,605,712	261,598,843	268,939,317	269,571,845
2024	279,211,531	279,211,531	279,211,531	296,845,468	287,815,618	269,878,110	269,877,816	287,826,981	281,429,338
2025	266,878,621	270,030,792	268,780,071	281,652,058	247,712,059	235,394,093	235,393,592	245,032,944	271,335,001
2026	262,948,859	272,279,493	260,607,909	281,087,246	224,890,259	208,960,435	208,954,059	175,367,222	262,128,550
2027	355,718,982	319,679,309	235,832,761	329,810,815	193,770,103	176,023,872	176,006,335	161,135,900	206,268,302
2028	366,679,537	328,005,310	223,126,088	321,899,795	233,432,042	136,528,920	178,745,321	219,734,131	231,137,527
2029	407,749,344	334,799,232	135,299,665	316,475,207	134,915,405	16,216,997	66,588,436	143,671,404	179,377,413
2030	481,903,417	418,185,313	283,239,048	457,986,834	241,161,992	431,466,921	472,899,294	258,013,545	279,814,071
2031	495,253,154	417,381,940	328,990,965	449,105,550	289,453,322	477,356,406	452,393,893	247,922,819	291,097,529
2032	593,893,479	535,418,625	383,108,214	492,567,724	342,604,123	587,931,006	489,136,598	358,506,174	380,846,949
2033	712,952,625	685,710,908	488,769,518	608,637,791	448,277,560	674,622,546	547,716,592	461,024,216	494,064,082
2034	725,140,057	752,127,890	551,393,220	676,427,785	513,545,389	734,051,368	568,238,151	526,397,960	554,129,458
2035	764,339,422	756,681,289	563,343,203	673,765,887	523,873,342	779,357,460	556,084,048	575,023,547	624,261,708
2036	841,354,557	787,505,862	576,706,333	706,686,125	540,732,936	767,395,163	555,015,316	584,103,972	639,997,445
2037	898,106,751	843,817,106	679,986,568	771,559,281	642,126,124	864,079,236	650,313,217	677,151,507	661,334,554
2038	953,623,669	865,973,026	760,774,606	794,519,932	663,185,377	872,668,760	659,966,817	693,896,136	741,470,541
2039	1,014,424,935	914,679,244	781,165,979	850,756,211	746,749,091	870,582,641	656,994,926	703,845,994	766,700,415
2040	1,058,605,179	913,077,281	835,924,137	870,340,153	801,681,609	841,576,658	681,233,219	714,381,948	821,757,987
2041	1,078,356,718	864,709,116	809,550,081	865,685,951	766,649,635	789,085,811	630,463,443	688,852,975	808,154,849
2042	1,155,527,965	899,498,642	818,810,242	929,391,557	775,838,761	779,155,291	614,502,782	703,220,973	836,425,775
2043	1,206,061,437	973,946,864	803,420,596	978,782,564	774,998,151	770,390,674	600,731,381	701,869,151	834,828,946
2044	1,258,930,193	1,024,487,383	822,759,690	1,025,301,445	793,706,717	795,893,863	623,158,731	725,148,162	855,182,762
2045	1,356,928,634	1,065,583,010	826,378,658	1,070,170,701	800,418,477	789,815,182	616,759,201	733,022,506	865,085,510
2046	1,337,011,425	1,073,058,829	736,875,222	1,086,682,891	707,365,644	704,005,010	522,428,963	642,529,698	788,906,464
2047	1,382,289,351	1,113,893,063	662,018,363	1,096,125,411	631,957,842	618,724,328	460,206,452	584,382,788	713,149,017

Revenue Requirements Detail

Non-Fuel Costs Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Net Zero Economy scenario by calendar year

CY	NZE P1	NZE P2	NZE P3	NZE P4	NZE P5	NZE P6	NZE P7	NZE P8	NZE P9
2023	252,724,530	252,724,530	252,724,530	252,809,698	252,302,237	251,835,448	251,825,716	246,177,013	255,733,097
2024	251,513,343	251,513,343	251,513,343	264,870,100	253,466,135	248,430,462	248,424,855	247,163,124	254,045,144
2025	236,310,904	240,615,267	238,519,975	249,506,301	202,770,081	197,980,567	197,994,574	192,432,993	241,555,371
2026	229,965,476	252,448,818	231,985,223	250,427,846	181,056,903	179,163,836	179,156,569	100,793,492	232,072,085
2027	361,837,779	328,322,762	219,587,682	333,259,342	124,318,338	178,044,203	178,043,583	43,141,103	160,354,163
2028	437,760,486	410,108,834	266,175,565	384,626,545	268,444,003	183,637,641	220,607,138	278,391,949	289,167,278
2029	526,395,203	440,357,376	217,579,336	420,160,152	216,423,128	110,339,438	153,720,047	253,831,526	281,448,211
2030	580,999,766	505,955,411	290,958,049	532,714,199	263,615,123	332,953,522	369,134,981	321,151,682	348,126,520
2031	609,456,694	508,300,173	325,278,993	530,475,543	300,017,667	357,500,426	329,151,683	308,230,049	357,220,826
2032	694,814,963	602,777,485	353,006,280	562,011,569	327,397,657	424,106,847	327,213,087	391,321,678	429,660,404
2033	800,411,533	726,878,348	448,908,665	670,261,179	423,040,698	492,859,236	372,142,144	482,487,029	536,683,892
2034	796,208,057	777,314,684	487,764,761	724,399,352	464,047,505	513,087,373	357,059,307	524,473,483	584,595,623
2035	848,907,402	800,096,159	525,461,208	740,142,556	499,481,454	573,138,957	376,727,682	575,709,906	650,943,324
2036	917,605,990	842,894,276	570,622,987	784,468,644	548,022,244	606,534,672	414,108,796	626,260,527	688,756,597
2037	941,866,811	869,695,160	635,768,109	812,649,604	609,373,611	646,504,515	454,801,165	689,312,079	684,775,784
2038	964,154,634	869,158,183	707,093,671	815,700,826	618,597,053	650,211,733	457,374,102	697,234,562	758,837,041
2039	1,027,335,487	930,905,843	766,198,632	881,015,113	742,813,628	730,542,176	533,893,133	747,922,133	811,629,893
2040	1,065,199,696	933,501,601	826,470,496	893,636,586	806,174,135	738,089,480	584,686,104	734,430,137	870,819,728
2041	1,105,292,431	933,549,582	841,072,674	908,851,875	814,715,817	761,587,308	612,350,212	752,536,145	888,406,715
2042	1,175,055,647	1,001,705,152	886,597,546	980,720,614	864,586,897	813,389,031	662,667,963	801,277,661	936,974,364
2043	1,195,382,803	1,054,979,271	872,171,856	1,005,577,631	856,769,650	801,331,191	650,823,286	794,907,371	929,101,528
2044	1,233,248,479	1,089,088,788	880,496,389	1,043,530,457	867,191,361	821,441,123	668,763,078	808,592,168	941,667,530
2045	1,326,231,012	1,131,233,471	896,797,567	1,090,901,791	885,139,332	832,035,406	680,918,325	825,887,189	958,587,385
2046	1,333,916,108	1,169,376,079	833,110,804	1,134,529,822	802,604,284	739,102,559	584,503,633	751,302,019	894,174,452
2047	1,358,020,820	1,219,542,406	760,255,075	1,159,082,741	730,639,219	629,312,081	495,568,985	696,478,697	843,002,780

Revenue Requirements Detail

Non-Fuel Costs Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Volatile Market scenario by calendar year

CY	VMA P1	VMA P2	VMA P3	VMA P4	VMA P5	VMA P6	VMA P7	VMA P8	VMA P9
2023	264,538,820	264,538,820	264,538,820	258,675,709	258,168,357	265,740,503	265,752,441	252,034,094	269,100,799
2024	242,702,490	242,702,490	242,702,490	246,553,272	231,484,410	250,245,387	250,250,590	285,072,704	247,734,126
2025	193,249,652	199,730,752	196,573,044	201,615,639	126,803,329	135,174,312	135,175,159	240,197,686	198,590,657
2026	139,544,586	200,370,111	156,102,895	171,757,771	71,557,284	90,151,820	90,148,952	164,010,265	155,935,288
2027	312,361,034	271,330,648	138,705,047	275,725,543	7,562,919	157,488,187	157,505,016	154,591,517	42,589,198
2028	434,340,906	406,121,217	249,639,445	362,125,204	255,282,292	202,283,376	247,642,900	186,035,682	270,828,504
2029	544,170,885	453,797,447	222,058,336	405,017,049	220,704,742	156,686,149	205,700,054	110,307,721	287,423,139
2030	592,900,755	517,800,195	352,684,531	531,103,231	303,752,301	536,754,889	578,929,238	214,823,013	358,086,445
2031	610,254,332	511,273,170	406,525,089	520,877,561	359,436,490	581,698,163	552,714,433	199,953,653	373,646,878
2032	676,219,693	596,496,593	423,759,360	535,787,980	376,510,932	652,411,730	549,581,062	310,119,759	434,335,497
2033	770,591,843	743,439,845	525,581,994	644,081,759	478,388,892	738,344,161	606,736,765	415,651,811	540,569,888
2034	765,976,449	800,743,094	571,313,116	699,159,730	525,935,870	766,520,505	591,834,418	482,533,770	587,929,348
2035	820,782,293	818,014,880	587,689,476	704,798,179	541,356,201	812,723,595	587,204,699	560,027,091	643,849,457
2036	892,819,292	855,155,057	611,856,905	739,854,364	568,633,288	816,039,857	594,962,392	580,148,327	667,871,797
2037	923,295,867	880,072,284	674,280,479	763,461,031	628,741,282	857,311,085	636,559,039	688,914,239	651,712,453
2038	953,826,099	880,691,702	736,062,963	766,541,417	623,255,064	829,454,858	610,219,477	709,358,846	715,495,782
2039	1,021,629,403	938,190,436	764,736,778	824,757,871	721,335,634	839,757,358	622,320,572	718,408,891	748,805,728
2040	1,060,220,214	936,803,004	818,152,201	842,082,209	774,388,653	805,306,997	635,661,835	693,345,191	801,534,515
2041	1,104,487,831	915,401,190	810,658,827	849,958,857	758,294,254	776,910,321	606,746,763	663,984,896	800,253,532
2042	1,178,977,525	966,105,332	830,570,374	920,771,360	779,743,543	787,085,967	609,682,166	675,439,765	837,013,890
2043	1,210,074,491	1,015,629,570	781,642,179	942,601,497	745,299,638	735,148,493	552,861,836	676,619,644	806,695,402
2044	1,245,573,894	1,044,740,852	766,402,820	973,275,324	729,459,335	708,865,990	523,819,408	700,789,842	802,373,073
2045	1,342,242,399	1,095,422,658	776,066,635	1,017,229,792	742,784,035	712,761,833	530,029,285	699,503,668	816,104,312
2046	1,347,239,306	1,138,411,660	712,379,115	1,055,253,295	675,625,762	658,341,883	470,895,821	609,193,401	759,773,043
2047	1,377,674,278	1,178,114,556	623,938,784	1,056,968,478	587,678,408	556,450,606	399,632,774	558,616,400	675,425,672

Revenue Requirements Detail

Non-Fuel Costs Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Extreme Weather sensitivity by calendar year

CY	EXW P1	EXW P2	EXW P3	EXW P4	EXW P5	EXW P6	EXW P7	EXW P8	EXW P9
2023	287,436,401	287,436,401	287,436,401	286,523,254	286,036,953	284,244,915	284,254,791	282,423,049	290,380,699
2024	318,735,961	318,735,961	318,735,961	329,629,296	327,716,933	319,334,762	319,354,089	324,120,030	321,217,192
2025	309,225,904	308,944,925	309,088,401	319,243,497	305,610,431	303,100,795	303,092,749	301,964,275	312,056,146
2026	318,217,568	309,215,860	306,317,275	328,299,007	307,332,114	286,754,727	286,756,706	282,868,460	312,201,442
2027	430,827,847	408,393,862	313,584,673	404,528,307	317,674,023	267,764,610	267,746,563	308,459,719	326,794,387
2028	423,266,750	395,232,410	258,480,511	369,587,308	264,838,534	183,594,339	226,000,079	269,016,067	282,009,929
2029	517,579,999	436,464,744	228,103,770	413,805,417	226,625,188	127,534,649	176,087,178	257,498,767	285,032,708
2030	117,321,647	98,470,748	-52,018,841	-39,734,623	-101,129,676	-112,378,465	-60,141,256	-31,035,253	80,874,916
2031	586,038,837	498,295,777	384,423,844	524,310,626	344,929,588	523,002,333	496,560,728	325,177,331	361,265,220
2032	661,682,457	587,680,530	403,375,425	542,862,855	362,488,336	589,481,520	495,261,981	402,737,908	421,362,615
2033	771,934,584	733,081,066	512,038,772	656,270,147	471,275,871	680,118,274	563,824,939	505,246,260	531,944,420
2034	771,188,429	789,597,043	562,945,098	714,810,914	524,688,530	722,462,398	568,990,538	556,252,173	580,921,223
2035	831,445,011	811,127,444	595,114,400	730,407,925	555,392,209	784,742,905	584,103,495	614,422,173	652,251,134
2036	905,159,590	852,440,999	635,838,636	773,973,293	598,365,586	809,317,607	615,244,808	645,988,634	685,199,142
2037	932,758,097	874,241,531	700,352,177	798,520,012	660,594,561	858,412,227	670,124,140	699,132,127	680,488,601
2038	970,989,753	879,206,410	763,077,502	805,010,336	661,513,347	848,280,940	661,519,288	700,142,068	746,479,592
2039	1,038,513,746	939,902,445	801,560,567	870,210,213	765,269,851	880,321,842	697,590,052	737,203,406	785,838,315
2040	1,080,350,691	943,324,678	850,274,527	882,510,554	813,739,816	855,817,419	722,910,503	752,965,854	834,745,793
2041	1,131,462,347	943,436,239	858,298,818	900,453,634	815,728,705	849,087,088	710,247,649	757,812,447	844,017,608
2042	1,206,782,048	1,003,160,663	888,735,937	973,155,744	847,295,304	874,324,600	726,863,863	790,271,424	883,161,426
2043	1,234,507,789	1,058,941,438	869,598,751	999,643,044	837,344,828	856,150,330	705,236,194	778,427,127	870,841,771
2044	1,275,314,987	1,093,978,843	875,681,246	1,042,025,599	844,474,699	861,023,587	709,174,108	789,417,405	882,809,938
2045	1,370,537,470	1,140,142,131	896,706,372	1,086,383,685	867,552,461	880,118,347	731,305,293	812,419,577	903,354,218
2046	1,375,927,580	1,181,240,368	860,975,203	1,128,349,350	828,002,329	846,071,755	691,633,479	773,295,853	868,367,954
2047	1,404,438,588	1,225,415,570	827,963,825	1,142,000,507	794,960,728	797,126,719	655,122,164	750,470,985	840,226,477

Revenue Requirements Detail

**Non-Fuel Costs Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Enhanced STEP,
Reduced STEP and Build/Buy sensitivities by calendar year**

CY	Enhanced STEP P4	Enhanced STEP P6	Reduced STEP P4	Reduced STEP P6	Build Buy P4
2023	286,784,151	284,508,430	286,819,969	284,548,132	286,523,258
2024	329,909,920	319,624,868	329,993,087	319,712,487	329,629,305
2025	320,074,684	303,952,868	320,224,496	304,108,535	319,243,498
2026	329,188,874	288,513,102	329,576,464	288,972,585	326,236,874
2027	404,944,103	269,366,129	406,247,450	270,761,970	309,555,041
2028	368,566,403	189,987,271	372,590,382	187,674,241	257,750,606
2029	391,038,664	132,783,678	438,638,210	132,584,908	273,980,089
2030	507,298,481	486,883,545	558,330,340	483,786,359	322,703,004
2031	498,365,887	524,593,255	552,986,561	526,290,164	317,236,848
2032	515,357,480	589,620,387	573,699,879	594,004,668	334,182,075
2033	627,179,487	676,024,391	688,217,971	678,201,200	379,045,012
2034	683,884,994	659,928,089	748,327,977	724,255,589	371,917,916
2035	700,163,058	723,413,710	766,981,719	791,490,499	392,579,784
2036	741,301,259	745,673,383	810,443,428	816,977,371	435,968,105
2037	739,202,246	795,719,040	883,978,955	871,412,052	432,430,210
2038	745,457,810	788,600,224	900,726,659	862,058,002	438,881,205
2039	809,746,117	819,281,234	965,646,821	892,914,483	473,075,241
2040	823,508,154	796,871,853	976,355,090	864,879,504	460,021,572
2041	840,827,092	789,614,853	993,113,742	856,573,194	476,299,594
2042	913,313,604	816,901,576	1,065,776,146	879,687,705	515,705,898
2043	938,292,424	797,003,068	1,091,899,029	861,251,815	507,279,189
2044	980,165,781	796,734,126	1,134,251,437	867,406,344	516,176,641
2045	1,024,489,881	816,002,224	1,177,391,648	885,951,642	557,331,472
2046	1,064,860,986	781,634,147	1,220,281,094	852,452,517	527,766,515
2047	1,078,923,967	736,658,831	1,233,193,379	807,661,822	533,016,346

Revenue Requirements Detail

Non-Fuel Costs, Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Reference scenario by calendar year

CY	Ref P1	Ref P2	Ref P3	Ref P4	Ref P5	Ref P6	Ref P7	Ref P8	Ref P9
2023	1,370,141,576	1,370,141,576	1,370,141,576	1,373,924,011	1,373,361,397	1,377,484,480	1,377,461,758	1,362,194,097	1,363,367,396
2024	1,348,083,004	1,348,083,004	1,348,083,004	1,341,109,905	1,339,026,979	1,325,984,023	1,325,964,536	1,331,745,730	1,345,581,037
2025	1,339,644,847	1,343,191,769	1,341,131,586	1,335,807,751	1,321,903,842	1,327,136,976	1,327,149,166	1,321,638,559	1,347,088,630
2026	1,401,764,701	1,440,791,177	1,419,899,578	1,413,288,370	1,396,228,349	1,471,848,032	1,471,846,439	1,447,080,922	1,425,404,822
2027	1,579,289,752	1,662,513,653	1,583,405,315	1,603,483,272	1,566,095,284	1,733,284,580	1,733,295,670	1,599,641,611	1,554,694,255
2028	1,638,084,566	1,744,239,261	1,700,342,992	1,701,596,770	1,717,055,776	1,937,695,158	1,980,156,224	1,773,845,114	1,642,389,425
2029	1,744,204,005	1,822,852,773	1,892,804,405	1,829,241,008	1,916,750,413	2,137,518,431	2,181,074,009	1,935,680,495	1,774,299,170
2030	1,833,755,684	1,953,125,461	2,158,037,458	1,897,203,703	2,163,995,057	2,556,319,815	2,606,240,378	2,061,353,507	1,930,034,648
2031	1,882,507,634	1,986,600,339	2,186,961,574	1,967,413,759	2,193,798,338	2,563,676,021	2,658,415,196	2,098,051,182	1,980,824,852
2032	2,001,991,620	2,036,134,280	2,261,360,700	2,037,399,056	2,258,745,298	2,604,286,697	2,734,359,334	2,142,519,493	2,002,135,593
2033	2,125,324,362	2,107,468,523	2,331,894,089	2,098,051,954	2,330,296,482	2,658,751,883	2,787,267,021	2,193,471,556	2,059,561,738
2034	2,171,709,481	2,134,770,442	2,360,463,518	2,131,412,035	2,361,776,689	2,682,807,822	2,744,600,615	2,232,985,479	2,096,054,991
2035	2,297,084,509	2,269,257,508	2,506,292,738	2,261,819,777	2,511,814,256	2,885,673,079	2,848,151,245	2,457,894,832	2,313,495,485
2036	2,456,523,882	2,407,801,027	2,644,189,826	2,405,765,644	2,652,644,280	2,909,033,242	2,962,175,909	2,571,625,890	2,439,671,400
2037	2,534,457,575	2,472,510,581	2,727,883,374	2,471,278,162	2,737,698,938	2,967,389,722	3,012,575,582	2,642,560,444	2,470,407,725
2038	2,642,669,322	2,574,078,369	2,862,418,424	2,583,554,652	2,843,589,940	3,044,579,614	3,095,284,528	2,722,979,748	2,594,039,504
2039	2,804,073,769	2,756,600,687	2,997,997,747	2,739,876,841	3,023,163,660	3,150,141,335	3,213,184,664	2,842,570,311	2,723,639,114
2040	2,892,972,786	2,902,418,264	3,189,066,501	2,896,349,195	3,208,813,393	3,322,368,918	3,442,350,651	2,993,873,214	2,897,341,355
2041	2,996,374,502	3,101,462,785	3,331,839,843	2,990,814,212	3,386,907,267	3,445,158,142	3,435,769,584	3,080,121,241	2,986,367,127
2042	3,128,945,005	3,355,713,723	3,453,374,513	3,128,844,202	3,504,497,567	3,601,192,590	3,542,307,698	3,257,734,692	3,155,020,375
2043	3,232,359,202	3,545,289,990	3,619,005,694	3,290,542,273	3,615,765,182	3,689,674,399	3,648,018,975	3,364,735,344	3,267,426,049
2044	3,362,257,455	3,741,043,977	3,784,710,869	3,474,413,803	3,783,472,352	3,821,911,325	3,771,753,378	3,507,641,260	3,408,798,987
2045	3,570,934,763	3,892,182,559	3,923,382,204	3,644,249,619	3,914,269,629	3,923,433,079	3,884,299,041	3,630,197,051	3,527,037,157
2046	3,670,897,683	4,019,526,468	3,987,442,319	3,763,414,379	3,988,639,476	3,998,061,664	3,977,065,271	3,699,535,079	3,598,273,949
2047	3,816,651,572	4,176,458,309	4,106,071,988	3,884,779,517	4,107,823,049	4,089,573,331	4,072,593,182	3,816,619,660	3,706,289,955
PV CY23-30 in CY2022 \$	\$8,575,504,428	\$8,845,504,071	\$8,903,988,316	\$8,722,259,327	\$8,883,859,523	\$9,543,810,005	\$9,625,139,947	\$8,917,533,247	\$8,648,619,644
PV CY23-48 in CY2022 \$	\$23,378,247,477	\$24,068,437,214	\$25,189,528,397	\$23,547,199,666	\$25,214,271,242	\$27,077,173,593	\$27,397,823,744	\$24,321,332,206	\$23,354,673,281

Revenue Requirements Detail

Non-Fuel Costs, Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Carbon Based Economy scenario by calendar year

CY	CBE P1	CBE P2	CBE P3	CBE P4	CBE P5	CBE P6	CBE P7	CBE P8	CBE P9
2023	1,342,401,791	1,342,401,791	1,342,401,791	1,338,147,835	1,337,636,070	1,354,509,076	1,354,524,880	1,337,636,070	1,336,180,763
2024	1,298,094,872	1,298,094,872	1,298,094,872	1,284,324,842	1,275,170,128	1,274,114,394	1,274,114,690	1,275,158,670	1,295,858,532
2025	1,283,188,724	1,291,190,661	1,286,468,755	1,274,401,581	1,239,732,943	1,258,523,276	1,258,524,035	1,241,428,385	1,292,594,307
2026	1,319,100,577	1,380,576,961	1,352,693,228	1,331,943,443	1,283,179,041	1,384,531,664	1,384,536,796	1,282,007,937	1,349,575,480
2027	1,419,911,772	1,495,654,153	1,439,109,541	1,440,693,628	1,366,974,236	1,607,191,708	1,607,202,484	1,378,333,850	1,361,852,600
2028	1,453,846,253	1,560,722,770	1,578,685,190	1,514,703,378	1,591,178,589	1,848,519,813	1,890,785,596	1,637,278,192	1,492,017,399
2029	1,485,885,111	1,589,693,593	1,708,144,468	1,561,095,738	1,730,269,552	1,977,605,916	2,021,369,135	1,727,337,680	1,576,902,466
2030	1,566,655,047	1,710,256,320	1,986,035,557	1,611,320,014	1,987,900,778	2,452,768,985	2,502,064,797	1,869,150,481	1,751,394,890
2031	1,589,076,234	1,722,871,149	1,996,519,083	1,652,482,726	1,998,289,755	2,451,983,727	2,552,218,701	1,897,699,936	1,795,233,755
2032	1,710,359,008	1,785,618,428	2,114,977,083	1,755,482,123	2,110,695,022	2,550,206,982	2,689,018,488	1,983,730,198	1,849,031,476
2033	1,821,203,235	1,856,560,760	2,178,374,197	1,818,524,461	2,174,988,423	2,596,003,194	2,737,554,936	2,037,816,142	1,906,941,459
2034	1,856,958,872	1,895,963,381	2,239,623,493	1,861,930,523	2,236,937,639	2,664,047,993	2,743,356,458	2,102,891,405	1,970,063,192
2035	1,924,087,546	2,010,300,215	2,378,517,818	1,978,285,545	2,380,513,413	2,876,858,085	2,852,439,165	2,352,822,177	2,210,213,452
2036	2,034,805,834	2,103,852,384	2,468,628,478	2,081,489,147	2,467,161,971	2,841,619,274	2,921,400,930	2,418,644,771	2,297,620,417
2037	2,110,224,267	2,186,627,754	2,597,694,502	2,174,025,602	2,596,525,245	2,974,275,765	3,048,450,110	2,543,229,582	2,384,092,507
2038	2,188,653,746	2,300,521,396	2,733,054,711	2,300,913,556	2,719,796,733	3,084,437,813	3,156,090,915	2,645,696,032	2,514,766,658
2039	2,285,367,382	2,442,383,849	2,869,025,988	2,416,384,330	2,887,292,280	3,202,887,253	3,302,911,052	2,763,353,426	2,638,284,637
2040	2,336,089,180	2,590,454,043	3,098,653,974	2,595,768,870	3,110,234,018	3,430,162,803	3,587,893,399	2,972,189,796	2,851,082,598
2041	2,354,659,919	2,751,389,008	3,261,947,233	2,658,969,943	3,304,825,218	3,585,429,568	3,607,798,688	3,057,086,261	2,942,393,680
2042	2,426,133,235	2,978,912,734	3,377,469,728	2,766,329,062	3,414,480,597	3,735,077,693	3,689,683,931	3,232,083,143	3,117,981,173
2043	2,519,873,753	3,208,060,357	3,605,709,379	2,958,500,961	3,590,401,889	3,910,537,379	3,885,773,432	3,408,142,739	3,285,870,173
2044	2,616,964,089	3,433,501,738	3,804,714,478	3,150,654,055	3,801,414,073	4,102,032,405	4,061,606,799	3,592,360,872	3,466,520,862
2045	2,772,874,355	3,571,245,993	3,969,663,235	3,324,793,355	3,957,125,076	4,219,161,592	4,191,754,761	3,741,000,595	3,608,499,567
2046	2,802,075,529	3,647,494,695	4,050,812,468	3,407,534,710	4,048,585,486	4,302,102,164	4,281,884,436	3,824,858,124	3,701,323,458
2047	2,905,341,987	3,810,613,378	4,185,581,428	3,549,334,319	4,185,304,463	4,398,744,738	4,392,457,326	3,958,967,331	3,830,169,752
PV CY23-30 in CY2022 \$	\$7,874,475,709	\$8,188,318,066	\$8,363,538,286	\$7,985,190,151	\$8,226,873,073	\$9,067,107,943	\$9,148,132,149	\$8,195,973,407	\$8,039,929,046
PV CY23-48 in CY2022 \$	\$19,920,976,738	\$21,754,671,042	\$24,074,433,838	\$21,075,489,473	\$23,952,313,915	\$26,889,186,481	\$27,309,881,213	\$23,184,828,631	\$22,309,059,798

Revenue Requirements Detail

Non-Fuel Costs, Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Net Zero Economy scenario by calendar year

CY	NZE P1	NZE P2	NZE P3	NZE P4	NZE P5	NZE P6	NZE P7	NZE P8	NZE P9
2023	1,369,057,017	1,369,057,017	1,369,057,017	1,370,542,549	1,370,028,619	1,371,102,599	1,371,124,989	1,363,902,028	1,362,134,968
2024	1,306,421,361	1,306,421,361	1,306,421,361	1,296,964,255	1,285,560,290	1,273,439,036	1,273,444,691	1,279,257,279	1,303,868,403
2025	1,288,052,006	1,296,613,884	1,291,354,453	1,282,209,302	1,234,518,312	1,240,175,668	1,240,154,444	1,229,321,005	1,296,703,673
2026	1,334,648,535	1,405,414,571	1,364,490,827	1,352,593,312	1,282,693,874	1,365,493,972	1,365,499,821	1,251,344,235	1,358,691,065
2027	1,571,394,133	1,637,688,423	1,521,181,951	1,586,116,660	1,396,443,801	1,665,764,167	1,665,764,547	1,328,161,461	1,419,697,977
2028	1,673,129,464	1,758,889,730	1,680,542,974	1,720,785,700	1,696,664,606	1,876,377,833	1,913,692,272	1,751,135,278	1,640,297,240
2029	1,786,183,869	1,837,031,625	1,841,662,142	1,844,207,060	1,860,087,904	2,043,973,364	2,085,507,176	1,896,470,109	1,753,521,440
2030	1,896,318,656	1,982,126,943	2,042,040,545	1,912,966,110	2,052,777,866	2,302,652,908	2,349,467,577	1,993,140,262	1,881,504,754
2031	1,986,944,197	2,051,106,992	2,077,746,636	2,020,996,415	2,090,032,389	2,312,255,356	2,423,730,958	2,051,247,776	1,952,638,830
2032	2,177,266,456	2,148,316,474	2,223,122,031	2,148,876,334	2,222,638,310	2,405,378,328	2,577,126,316	2,130,468,486	2,009,428,347
2033	2,373,238,050	2,218,070,714	2,284,155,607	2,215,724,579	2,283,939,149	2,433,611,356	2,621,393,117	2,160,831,852	2,058,373,997
2034	2,506,529,450	2,297,748,825	2,345,211,670	2,293,868,902	2,350,224,664	2,494,558,224	2,623,375,901	2,236,837,410	2,126,365,927
2035	2,657,756,247	2,443,229,548	2,519,870,747	2,429,264,459	2,525,117,140	2,737,645,161	2,769,434,078	2,517,341,249	2,393,083,555
2036	2,888,076,690	2,632,456,291	2,701,952,346	2,619,889,854	2,707,391,512	2,800,951,976	2,926,535,651	2,680,169,048	2,562,081,998
2037	3,102,607,801	2,820,018,837	2,908,565,492	2,811,368,521	2,911,463,607	2,985,304,274	3,121,176,946	2,882,342,685	2,732,087,108
2038	3,253,697,729	2,953,839,711	3,060,768,952	2,946,322,953	3,037,011,261	3,101,842,866	3,245,311,030	3,003,650,880	2,896,951,917
2039	3,260,429,983	3,033,818,404	3,125,222,415	3,002,083,957	3,142,293,961	3,182,568,170	3,342,094,732	3,074,609,050	2,959,485,812
2040	3,258,833,779	3,119,634,890	3,310,814,689	3,119,812,352	3,327,526,325	3,400,629,911	3,607,640,189	3,215,300,641	3,136,352,803
2041	3,185,353,325	3,174,657,112	3,413,442,876	3,115,643,276	3,454,289,393	3,505,507,486	3,556,801,616	3,237,745,006	3,175,952,304
2042	3,263,131,031	3,404,242,320	3,566,919,857	3,236,842,540	3,602,081,514	3,719,643,965	3,707,092,462	3,455,638,246	3,384,098,299
2043	3,394,689,984	3,666,025,426	3,836,590,883	3,464,537,179	3,825,395,596	3,949,801,948	3,960,350,402	3,674,328,602	3,591,165,986
2044	3,423,005,528	3,839,148,705	4,014,947,921	3,611,879,822	4,015,909,481	4,134,929,262	4,132,068,666	3,845,319,803	3,765,067,404
2045	3,625,393,910	4,025,108,118	4,237,377,847	3,816,174,160	4,230,849,621	4,331,065,360	4,353,746,093	4,060,139,466	3,951,793,011
2046	3,896,011,119	4,268,323,311	4,480,587,511	4,050,076,258	4,463,879,164	4,552,501,158	4,580,084,841	4,289,391,825	4,168,616,763
2047	4,125,237,535	4,500,495,158	4,742,440,143	4,263,925,495	4,725,553,044	4,808,464,230	4,828,290,783	4,545,487,467	4,403,340,532
PV CY23-30 in CY2022 \$	\$8,528,841,670	\$8,765,653,649	\$8,638,850,320	\$8,615,515,663	\$8,461,436,971	\$9,066,188,613	\$9,141,301,249	\$8,400,600,121	\$8,392,518,458
PV CY23-48 in CY2022 \$	\$24,968,205,898	\$24,988,840,896	\$25,501,972,305	\$24,498,206,303	\$25,350,554,416	\$26,659,180,543	\$27,319,017,960	\$24,745,833,486	\$24,134,578,887

Revenue Requirements Detail

Non-Fuel Costs, Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Volatile Market scenario by calendar year

CY	VMA P1	VMA P2	VMA P3	VMA P4	VMA P5	VMA P6	VMA P7	VMA P8	VMA P9
2023	1,407,526,076	1,407,526,076	1,407,526,076	1,422,697,287	1,422,183,106	1,404,761,269	1,404,733,804	1,416,048,126	1,397,029,970
2024	1,344,810,694	1,344,810,694	1,344,810,694	1,344,939,002	1,329,870,140	1,291,660,035	1,291,654,788	1,383,458,434	1,339,737,009
2025	1,276,936,655	1,289,738,274	1,280,872,915	1,281,073,088	1,200,138,846	1,188,532,209	1,188,530,926	1,319,892,050	1,287,963,942
2026	1,281,430,392	1,425,031,505	1,335,637,847	1,325,369,337	1,207,769,194	1,324,106,699	1,324,109,007	1,345,056,969	1,326,391,458
2027	1,530,080,337	1,641,139,636	1,470,164,756	1,566,953,258	1,286,252,065	1,719,866,834	1,719,856,493	1,484,540,259	1,295,769,590
2028	1,698,034,802	1,837,359,979	1,767,252,940	1,742,562,177	1,810,947,616	2,068,285,013	2,113,465,438	1,807,760,115	1,647,124,701
2029	1,845,522,192	1,944,878,375	2,046,369,331	1,870,038,824	2,078,844,201	2,338,983,546	2,378,858,412	1,946,881,317	1,874,002,124
2030	1,898,979,730	2,035,487,188	2,327,261,341	1,883,275,334	2,332,089,936	2,833,632,103	2,883,856,191	2,061,642,403	2,023,146,811
2031	1,940,372,690	2,049,824,501	2,333,886,630	1,922,845,989	2,338,652,710	2,825,917,008	2,930,700,919	2,081,536,749	2,068,206,687
2032	2,056,521,774	2,088,276,192	2,402,688,547	1,997,323,542	2,399,890,774	2,859,758,888	3,008,256,678	2,152,453,632	2,076,420,633
2033	2,160,093,646	2,139,432,611	2,427,853,169	2,041,830,030	2,428,243,867	2,875,323,960	3,013,574,520	2,189,515,237	2,100,107,777
2034	2,211,496,590	2,181,847,314	2,465,141,383	2,078,647,213	2,466,570,607	2,903,363,735	2,985,327,468	2,252,338,549	2,143,061,809
2035	2,352,837,014	2,361,129,357	2,672,194,635	2,257,450,115	2,680,062,288	3,175,143,039	3,158,745,518	2,588,814,714	2,423,443,458
2036	2,526,365,030	2,525,750,401	2,843,491,979	2,421,409,747	2,851,493,277	3,234,017,873	3,312,308,589	2,736,541,047	2,584,187,879
2037	2,605,019,781	2,595,646,974	2,953,811,225	2,489,801,956	2,961,620,424	3,329,171,733	3,407,899,958	2,894,063,155	2,648,875,448
2038	2,698,212,783	2,697,449,638	3,082,013,018	2,599,709,041	3,069,696,897	3,419,392,980	3,506,952,070	3,015,076,401	2,775,739,425
2039	2,863,669,115	2,902,361,340	3,249,856,033	2,748,991,237	3,278,849,607	3,564,247,609	3,673,985,031	3,153,924,027	2,925,042,766
2040	2,928,835,698	3,076,340,097	3,490,491,928	2,930,488,638	3,513,838,600	3,819,373,841	4,000,412,514	3,350,321,152	3,145,643,414
2041	3,029,207,678	3,332,886,587	3,677,860,146	3,018,783,021	3,747,278,025	4,008,816,400	4,049,093,376	3,449,843,058	3,258,402,016
2042	3,161,586,621	3,648,181,364	3,838,802,996	3,155,745,254	3,905,616,840	4,223,381,330	4,202,443,956	3,644,802,994	3,456,050,284
2043	3,278,656,185	3,896,370,751	4,120,412,587	3,351,996,902	4,108,045,848	4,429,275,829	4,441,910,561	3,875,079,107	3,641,834,203
2044	3,449,922,635	4,130,865,130	4,315,120,013	3,553,439,460	4,310,064,488	4,572,422,412	4,567,788,298	4,066,736,324	3,806,970,418
2045	3,694,720,379	4,302,926,573	4,491,342,228	3,736,091,586	4,472,483,752	4,699,590,150	4,711,603,612	4,207,402,986	3,947,801,980
2046	3,807,574,974	4,446,746,471	4,629,244,209	3,853,704,140	4,621,569,922	4,836,918,312	4,878,522,494	4,308,859,564	4,067,734,587
2047	3,979,496,929	4,618,237,381	4,793,555,497	3,997,523,130	4,787,419,782	4,957,855,176	4,989,920,982	4,478,212,205	4,221,714,872
PV CY23-30 in CY2022 \$	\$8,571,966,965	\$8,987,338,107	\$8,979,207,503	\$8,680,009,285	\$8,749,150,608	\$9,675,985,551	\$9,757,002,729	\$8,882,267,300	\$8,494,452,051
PV CY23-48 in CY2022 \$	\$23,723,355,478	\$25,146,692,308	\$26,795,964,841	\$23,549,363,381	\$26,614,699,406	\$29,624,327,120	\$30,128,604,330	\$25,630,071,896	\$24,307,312,890

Revenue Requirements Detail

Non-Fuel Costs, Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Extreme Weather sensitivity by calendar

<u>year</u>	CY	EXW P1	EXW P2	EXW P3	EXW P4	EXW P5	EXW P6	EXW P7	EXW P8	EXW P9
2023		1,370,141,576	1,370,141,576	1,370,141,576	1,373,924,011	1,373,361,397	1,377,484,480	1,377,461,758	1,362,194,097	1,363,367,396
2024		1,348,083,004	1,348,083,004	1,348,083,004	1,341,109,905	1,339,026,979	1,325,984,023	1,325,964,536	1,331,745,730	1,345,581,037
2025		1,339,644,847	1,343,191,769	1,341,131,586	1,335,807,751	1,321,903,842	1,327,136,976	1,327,149,166	1,321,638,559	1,347,088,630
2026		1,401,764,701	1,440,791,177	1,419,899,578	1,413,288,370	1,396,228,349	1,471,848,032	1,471,846,439	1,447,080,922	1,425,404,822
2027		1,579,289,752	1,662,513,653	1,583,405,315	1,603,483,272	1,566,095,284	1,733,284,580	1,733,295,670	1,599,641,611	1,554,694,255
2028		1,638,084,566	1,744,239,261	1,700,342,992	1,701,596,770	1,717,055,776	1,937,695,158	1,980,156,224	1,773,845,114	1,642,389,425
2029		1,744,204,005	1,822,852,773	1,892,804,405	1,829,241,008	1,916,750,413	2,137,518,431	2,181,074,009	1,935,680,495	1,774,299,170
2030		1,703,508,926	2,044,410,634	3,257,805,339	2,021,321,797	3,280,060,604	3,269,910,077	3,338,331,610	2,786,492,868	2,691,484,085
2031		1,882,507,634	1,986,600,339	2,186,961,574	1,967,413,759	2,193,798,338	2,563,676,021	2,658,415,196	2,098,051,182	1,980,824,852
2032		2,001,991,620	2,036,134,280	2,261,360,700	2,037,399,056	2,258,745,298	2,604,286,697	2,734,359,334	2,142,519,493	2,002,135,593
2033		2,125,324,362	2,107,468,523	2,331,894,089	2,098,051,954	2,330,296,482	2,658,751,883	2,787,267,021	2,193,471,556	2,059,561,738
2034		2,171,709,481	2,134,770,442	2,360,463,518	2,131,412,035	2,361,776,689	2,682,807,822	2,744,600,615	2,232,985,479	2,096,054,991
2035		2,297,084,509	2,269,257,508	2,506,292,738	2,261,819,777	2,511,814,256	2,885,673,079	2,848,151,245	2,457,894,832	2,313,495,485
2036		2,456,523,882	2,407,801,027	2,644,189,826	2,405,765,644	2,652,644,280	2,909,033,242	2,962,175,909	2,571,625,890	2,439,671,400
2037		2,534,457,575	2,472,510,581	2,727,883,374	2,471,278,162	2,737,698,938	2,967,389,722	3,012,575,582	2,642,560,444	2,470,407,725
2038		2,642,669,322	2,574,078,369	2,862,418,424	2,583,554,652	2,843,589,940	3,044,579,614	3,095,284,528	2,722,979,748	2,594,039,504
2039		2,804,073,769	2,756,600,687	2,997,997,747	2,739,876,841	3,023,163,660	3,150,141,335	3,213,184,664	2,842,570,311	2,723,639,114
2040		2,892,972,786	2,902,418,264	3,189,066,501	2,896,349,195	3,208,813,393	3,322,368,918	3,442,350,651	2,993,873,214	2,897,341,355
2041		2,996,374,502	3,101,462,785	3,331,839,843	2,990,814,212	3,386,907,267	3,445,158,142	3,435,769,584	3,080,121,241	2,986,367,127
2042		3,128,945,005	3,355,713,723	3,453,374,513	3,128,844,202	3,504,497,567	3,601,192,590	3,542,307,698	3,257,734,692	3,155,020,375
2043		3,232,359,202	3,545,289,990	3,619,005,694	3,290,542,273	3,615,765,182	3,689,674,399	3,648,018,975	3,364,735,344	3,267,426,049
2044		3,362,257,455	3,741,043,977	3,784,710,869	3,474,413,803	3,783,472,352	3,821,911,325	3,771,753,378	3,507,641,260	3,408,798,987
2045		3,570,934,763	3,892,182,559	3,923,382,204	3,644,249,619	3,914,269,629	3,923,433,079	3,884,299,041	3,630,197,051	3,527,037,157
2046		3,670,897,683	4,019,526,468	3,987,442,319	3,763,414,379	3,988,639,476	3,998,061,664	3,977,065,271	3,699,535,079	3,598,273,949
2047		3,816,651,572	4,176,458,309	4,106,071,988	3,884,779,517	4,107,823,049	4,089,573,331	4,072,593,182	3,816,619,660	3,706,289,955
PV CY23-30 in CY2022 \$		\$8,502,230,060	\$8,896,859,386	\$9,522,696,968	\$8,792,085,823	\$9,511,736,935	\$9,945,262,418	\$10,037,000,656	\$9,325,482,966	\$9,076,996,725
PV CY23-48 in CY2022 \$		\$23,304,973,109	\$24,119,792,530	\$25,808,237,050	\$23,617,026,163	\$25,842,148,654	\$27,478,626,006	\$27,809,684,453	\$24,729,281,925	\$23,783,050,362

Revenue Requirements Detail

Non-Fuel Costs, Fuel Costs and STEP Revenue Requirements (\$) including City Payment (CP) for each portfolio for the Enhanced STEP, Reduced STEP and Build/Buy sensitivities by calendar year

CY	Enhanced STEP P4	Enhanced STEP P6	Reduced STEP P4	Reduced STEP P6	Build Buy P4
2023	1,376,004,523	1,379,558,969	1,376,260,323	1,379,805,832	1,373,924,003
2024	1,342,542,522	1,327,407,256	1,343,043,662	1,327,903,901	1,341,109,913
2025	1,337,356,047	1,328,269,401	1,338,342,534	1,329,247,017	1,335,807,756
2026	1,413,906,195	1,468,381,791	1,416,112,715	1,470,530,436	1,423,346,148
2027	1,634,775,248	1,759,749,383	1,568,512,464	1,695,138,306	1,657,030,142
2028	1,725,717,104	1,930,519,175	1,625,015,687	1,858,487,358	1,745,108,901
2029	1,824,132,545	2,123,054,328	1,779,107,316	2,065,474,133	1,888,711,310
2030	1,885,485,062	2,534,993,778	1,854,197,122	2,505,091,917	1,974,696,265
2031	1,947,675,895	2,534,730,821	1,932,750,389	2,518,592,428	2,046,375,029
2032	2,009,909,433	2,568,186,878	2,010,732,026	2,568,941,985	2,122,287,032
2033	2,062,443,406	2,618,904,836	2,079,026,635	2,652,157,108	2,208,006,872
2034	2,087,901,687	2,636,066,071	2,121,626,989	2,678,689,092	2,261,373,386
2035	2,211,169,486	2,820,186,146	2,263,316,680	2,889,931,668	2,393,830,924
2036	2,343,131,313	2,829,916,160	2,416,458,097	2,916,604,478	2,541,227,371
2037	2,375,082,719	2,877,070,246	2,539,563,293	2,981,168,656	2,619,144,951
2038	2,478,878,394	2,941,853,731	2,671,377,584	3,065,070,705	2,734,848,419
2039	2,626,457,472	3,041,075,933	2,837,238,428	3,184,368,680	2,906,113,249
2040	2,774,893,322	3,208,976,776	3,001,903,034	3,360,301,001	3,076,010,363
2041	2,860,369,110	3,325,899,446	3,106,703,161	3,491,544,569	3,173,148,101
2042	2,993,480,554	3,477,922,327	3,253,598,107	3,658,461,911	3,325,929,392
2043	3,151,678,711	3,562,306,384	3,420,892,064	3,749,512,457	3,501,846,555
2044	3,332,796,146	3,635,230,850	3,607,311,742	3,882,908,072	3,697,172,194
2045	3,499,332,005	3,735,411,672	3,779,625,094	3,985,084,736	3,872,095,295
2046	3,615,692,696	3,805,589,663	3,900,819,949	4,064,906,394	4,013,808,883
2047	3,733,823,369	3,894,213,730	4,022,825,774	4,152,796,757	4,130,764,500
PV CY23-30 in CY2022 \$	\$8,754,009,382	\$9,537,945,259	\$8,602,876,145	\$9,399,455,830	\$8,873,135,222
PV CY23-48 in CY2022 \$	\$23,104,751,168	\$26,550,724,905	\$23,714,856,699	\$27,020,674,656	\$24,557,308,399

MWh Retail Sales

MWh Retail Sales by Portfolio for the Reference Scenario

CY	Ref P1	Ref P2	Ref P3	Ref P4	Ref P5	Ref P6	Ref P7	Ref P8	Ref P9
2023	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273
2024	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480
2025	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341
2026	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893
2027	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210
2028	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918
2029	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459
2030	28,240,750	28,240,750	28,240,750	28,240,750	28,240,750	28,240,750	28,240,750	28,240,750	28,240,750
2031	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883
2032	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111
2033	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069
2034	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661
2035	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873
2036	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678
2037	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715
2038	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457
2039	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071
2040	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132
2041	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961
2042	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202
2043	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937
2044	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299
2045	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757
2046	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338
2047	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310

MWh Retail Sales

MWh Retail Sales by Portfolio for the Carbon Based Economy Scenario

CY	CBE P1	CBE P2	CBE P3	CBE P4	CBE P5	CBE P6	CBE P7	CBE P8	CBE P9
2023	24,304,405	24,304,405	24,304,405	24,304,405	24,304,405	24,304,405	24,304,405	24,304,405	24,304,405
2024	25,080,490	25,080,490	25,080,490	25,080,490	25,080,490	25,080,490	25,080,490	25,080,490	25,080,490
2025	25,693,380	25,693,380	25,693,380	25,693,380	25,693,380	25,693,380	25,693,380	25,693,380	25,693,380
2026	26,353,520	26,353,520	26,353,520	26,353,520	26,353,520	26,353,520	26,353,520	26,353,520	26,353,520
2027	27,154,728	27,154,728	27,154,728	27,154,728	27,154,728	27,154,728	27,154,728	27,154,728	27,154,728
2028	27,756,743	27,756,743	27,756,743	27,756,743	27,756,743	27,756,743	27,756,743	27,756,743	27,756,743
2029	28,259,453	28,259,453	28,259,453	28,259,453	28,259,453	28,259,453	28,259,453	28,259,453	28,259,453
2030	28,815,911	28,815,911	28,815,911	28,815,911	28,815,911	28,815,911	28,815,911	28,815,911	28,815,911
2031	29,271,026	29,271,026	29,271,026	29,271,026	29,271,026	29,271,026	29,271,026	29,271,026	29,271,026
2032	29,749,521	29,749,521	29,749,521	29,749,521	29,749,521	29,749,521	29,749,521	29,749,521	29,749,521
2033	30,175,365	30,175,365	30,175,365	30,175,365	30,175,365	30,175,365	30,175,365	30,175,365	30,175,365
2034	30,786,842	30,786,842	30,786,842	30,786,842	30,786,842	30,786,842	30,786,842	30,786,842	30,786,842
2035	31,435,194	31,435,194	31,435,194	31,435,194	31,435,194	31,435,194	31,435,194	31,435,194	31,435,194
2036	32,135,444	32,135,444	32,135,444	32,135,444	32,135,444	32,135,444	32,135,444	32,135,444	32,135,444
2037	32,799,136	32,799,136	32,799,136	32,799,136	32,799,136	32,799,136	32,799,136	32,799,136	32,799,136
2038	33,562,777	33,562,777	33,562,777	33,562,777	33,562,777	33,562,777	33,562,777	33,562,777	33,562,777
2039	34,325,634	34,325,634	34,325,634	34,325,634	34,325,634	34,325,634	34,325,634	34,325,634	34,325,634
2040	35,150,376	35,150,376	35,150,376	35,150,376	35,150,376	35,150,376	35,150,376	35,150,376	35,150,376
2041	35,922,665	35,922,665	35,922,665	35,922,665	35,922,665	35,922,665	35,922,665	35,922,665	35,922,665
2042	36,734,212	36,734,212	36,734,212	36,734,212	36,734,212	36,734,212	36,734,212	36,734,212	36,734,212
2043	37,492,858	37,492,858	37,492,858	37,492,858	37,492,858	37,492,858	37,492,858	37,492,858	37,492,858
2044	38,316,167	38,316,167	38,316,167	38,316,167	38,316,167	38,316,167	38,316,167	38,316,167	38,316,167
2045	39,076,867	39,076,867	39,076,867	39,076,867	39,076,867	39,076,867	39,076,867	39,076,867	39,076,867
2046	39,963,411	39,963,411	39,963,411	39,963,411	39,963,411	39,963,411	39,963,411	39,963,411	39,963,411
2047	40,894,632	40,894,632	40,894,632	40,894,632	40,894,632	40,894,632	40,894,632	40,894,632	40,894,632

MWh Retail Sales

MWh Retail Sales by Portfolio for the Net Zero Economy Scenario

CY	NZE P1	NZE P2	NZE P3	NZE P4	NZE P5	NZE P6	NZE P7	NZE P8	NZE P9
2023	24,224,380	24,224,380	24,224,380	24,224,380	24,224,380	24,224,380	24,224,380	24,224,380	24,224,380
2024	24,975,134	24,975,134	24,975,134	24,975,134	24,975,134	24,975,134	24,975,134	24,975,134	24,975,134
2025	25,583,432	25,583,432	25,583,432	25,583,432	25,583,432	25,583,432	25,583,432	25,583,432	25,583,432
2026	26,254,324	26,254,324	26,254,324	26,254,324	26,254,324	26,254,324	26,254,324	26,254,324	26,254,324
2027	27,133,669	27,133,669	27,133,669	27,133,669	27,133,669	27,133,669	27,133,669	27,133,669	27,133,669
2028	27,866,480	27,866,480	27,866,480	27,866,480	27,866,480	27,866,480	27,866,480	27,866,480	27,866,480
2029	28,545,884	28,545,884	28,545,884	28,545,884	28,545,884	28,545,884	28,545,884	28,545,884	28,545,884
2030	29,367,268	29,367,268	29,367,268	29,367,268	29,367,268	29,367,268	29,367,268	29,367,268	29,367,268
2031	30,115,984	30,115,984	30,115,984	30,115,984	30,115,984	30,115,984	30,115,984	30,115,984	30,115,984
2032	30,898,895	30,898,895	30,898,895	30,898,895	30,898,895	30,898,895	30,898,895	30,898,895	30,898,895
2033	31,598,929	31,598,929	31,598,929	31,598,929	31,598,929	31,598,929	31,598,929	31,598,929	31,598,929
2034	32,531,760	32,531,760	32,531,760	32,531,760	32,531,760	32,531,760	32,531,760	32,531,760	32,531,760
2035	33,508,124	33,508,124	33,508,124	33,508,124	33,508,124	33,508,124	33,508,124	33,508,124	33,508,124
2036	34,540,473	34,540,473	34,540,473	34,540,473	34,540,473	34,540,473	34,540,473	34,540,473	34,540,473
2037	35,571,128	35,571,128	35,571,128	35,571,128	35,571,128	35,571,128	35,571,128	35,571,128	35,571,128
2038	36,698,107	36,698,107	36,698,107	36,698,107	36,698,107	36,698,107	36,698,107	36,698,107	36,698,107
2039	37,803,168	37,803,168	37,803,168	37,803,168	37,803,168	37,803,168	37,803,168	37,803,168	37,803,168
2040	38,960,758	38,960,758	38,960,758	38,960,758	38,960,758	38,960,758	38,960,758	38,960,758	38,960,758
2041	40,043,913	40,043,913	40,043,913	40,043,913	40,043,913	40,043,913	40,043,913	40,043,913	40,043,913
2042	41,168,350	41,168,350	41,168,350	41,168,350	41,168,350	41,168,350	41,168,350	41,168,350	41,168,350
2043	42,210,412	42,210,412	42,210,412	42,210,412	42,210,412	42,210,412	42,210,412	42,210,412	42,210,412
2044	43,323,749	43,323,749	43,323,749	43,323,749	43,323,749	43,323,749	43,323,749	43,323,749	43,323,749
2045	44,364,925	44,364,925	44,364,925	44,364,925	44,364,925	44,364,925	44,364,925	44,364,925	44,364,925
2046	45,501,085	45,501,085	45,501,085	45,501,085	45,501,085	45,501,085	45,501,085	45,501,085	45,501,085
2047	46,573,370	46,573,370	46,573,370	46,573,370	46,573,370	46,573,370	46,573,370	46,573,370	46,573,370

MWh Retail Sales

MWh Retail Sales by Portfolio for the Volatile Market Scenario

CY	VMA P1	VMA P2	VMA P3	VMA P4	VMA P5	VMA P6	VMA P7	VMA P8	VMA P9
2023	23,920,033	23,920,033	23,920,033	23,920,033	23,920,033	23,920,033	23,920,033	23,920,033	23,920,033
2024	24,397,822	24,397,822	24,397,822	24,397,822	24,397,822	24,397,822	24,397,822	24,397,822	24,397,822
2025	24,727,427	24,727,427	24,727,427	24,727,427	24,727,427	24,727,427	24,727,427	24,727,427	24,727,427
2026	25,161,130	25,161,130	25,161,130	25,161,130	25,161,130	25,161,130	25,161,130	25,161,130	25,161,130
2027	25,825,919	25,825,919	25,825,919	25,825,919	25,825,919	25,825,919	25,825,919	25,825,919	25,825,919
2028	26,328,229	26,328,229	26,328,229	26,328,229	26,328,229	26,328,229	26,328,229	26,328,229	26,328,229
2029	26,764,256	26,764,256	26,764,256	26,764,256	26,764,256	26,764,256	26,764,256	26,764,256	26,764,256
2030	27,284,920	27,284,920	27,284,920	27,284,920	27,284,920	27,284,920	27,284,920	27,284,920	27,284,920
2031	27,711,146	27,711,146	27,711,146	27,711,146	27,711,146	27,711,146	27,711,146	27,711,146	27,711,146
2032	28,182,499	28,182,499	28,182,499	28,182,499	28,182,499	28,182,499	28,182,499	28,182,499	28,182,499
2033	28,608,637	28,608,637	28,608,637	28,608,637	28,608,637	28,608,637	28,608,637	28,608,637	28,608,637
2034	29,194,617	29,194,617	29,194,617	29,194,617	29,194,617	29,194,617	29,194,617	29,194,617	29,194,617
2035	29,817,237	29,817,237	29,817,237	29,817,237	29,817,237	29,817,237	29,817,237	29,817,237	29,817,237
2036	30,466,966	30,466,966	30,466,966	30,466,966	30,466,966	30,466,966	30,466,966	30,466,966	30,466,966
2037	31,061,579	31,061,579	31,061,579	31,061,579	31,061,579	31,061,579	31,061,579	31,061,579	31,061,579
2038	31,740,539	31,740,539	31,740,539	31,740,539	31,740,539	31,740,539	31,740,539	31,740,539	31,740,539
2039	32,418,115	32,418,115	32,418,115	32,418,115	32,418,115	32,418,115	32,418,115	32,418,115	32,418,115
2040	33,150,799	33,150,799	33,150,799	33,150,799	33,150,799	33,150,799	33,150,799	33,150,799	33,150,799
2041	33,839,909	33,839,909	33,839,909	33,839,909	33,839,909	33,839,909	33,839,909	33,839,909	33,839,909
2042	34,571,269	34,571,269	34,571,269	34,571,269	34,571,269	34,571,269	34,571,269	34,571,269	34,571,269
2043	35,255,161	35,255,161	35,255,161	35,255,161	35,255,161	35,255,161	35,255,161	35,255,161	35,255,161
2044	35,942,858	35,942,858	35,942,858	35,942,858	35,942,858	35,942,858	35,942,858	35,942,858	35,942,858
2045	36,579,883	36,579,883	36,579,883	36,579,883	36,579,883	36,579,883	36,579,883	36,579,883	36,579,883
2046	37,278,560	37,278,560	37,278,560	37,278,560	37,278,560	37,278,560	37,278,560	37,278,560	37,278,560
2047	38,024,988	38,024,988	38,024,988	38,024,988	38,024,988	38,024,988	38,024,988	38,024,988	38,024,988

MWh Retail Sales

MWh Retail Sales by Portfolio for the Extreme Weather Sensitivities

CY	EXW P1	EXW P2	EXW P3	EXW P4	EXW P5	EXW P6	EXW P7	EXW P8	EXW P9
2023	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273	24,201,273
2024	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480	24,898,480
2025	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341	25,421,341
2026	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893	25,978,893
2027	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210	26,707,210
2028	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918	27,240,918
2029	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459	27,701,459
2030	28,995,818	28,995,818	28,995,818	28,995,818	28,995,818	28,995,818	28,995,818	28,995,818	28,995,818
2031	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883	28,679,883
2032	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111	29,144,111
2033	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069	29,543,069
2034	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661	30,138,661
2035	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873	30,762,873
2036	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678	31,435,678
2037	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715	32,104,715
2038	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457	32,866,457
2039	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071	33,612,071
2040	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132	34,415,132
2041	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961	35,149,961
2042	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202	35,921,202
2043	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937	36,620,937
2044	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299	37,394,299
2045	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757	38,106,757
2046	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338	38,901,338
2047	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310	39,659,310

MWh Retail Sales

MWh Retail Sales by Portfolio for the Enhanced STEP, Reduced STEP and Build/Buy Sensitivities

CY	Enhanced STEP P4	Enhanced STEP P6	Reduced STEP P4	Reduced STEP P6	Build Buy P4
2023	24,248,400	24,248,400	24,253,346	24,253,346	24,201,273
2024	24,938,264	24,938,264	24,950,553	24,950,553	24,898,480
2025	25,447,779	25,447,779	25,473,414	25,473,414	25,421,341
2026	25,978,766	25,978,766	26,030,966	26,030,966	25,978,893
2027	26,640,860	26,640,860	26,768,283	26,768,283	26,707,210
2028	27,066,079	27,066,079	27,376,896	27,376,896	27,240,918
2029	27,405,099	27,405,099	27,965,835	27,965,835	27,701,459
2030	27,822,622	27,822,622	28,642,591	28,642,591	28,240,750
2031	28,135,469	28,135,469	29,224,676	29,224,676	28,679,883
2032	28,480,183	28,480,183	29,825,345	29,825,345	29,144,111
2033	28,768,214	28,768,214	30,358,011	30,358,011	29,543,069
2034	29,250,907	29,250,907	31,095,497	31,095,497	30,138,661
2035	29,761,366	29,761,366	31,846,921	31,846,921	30,762,873
2036	30,324,573	30,324,573	32,636,724	32,636,724	31,435,678
2037	30,887,431	30,887,431	33,431,486	33,431,486	32,104,715
2038	31,557,333	31,557,333	34,315,781	34,315,781	32,866,457
2039	32,222,556	32,222,556	35,171,798	35,171,798	33,612,071
2040	32,935,830	32,935,830	36,084,536	36,084,536	34,415,132
2041	33,598,003	33,598,003	36,923,315	36,923,315	35,149,961
2042	34,345,196	34,345,196	37,781,817	37,781,817	35,921,202
2043	35,040,616	35,040,616	38,519,086	38,519,086	36,620,937
2044	35,818,551	35,818,551	39,282,474	39,282,474	37,394,299
2045	36,546,010	36,546,010	39,972,147	39,972,147	38,106,757
2046	37,359,127	37,359,127	40,743,864	40,743,864	38,901,338
2047	38,132,959	38,132,959	41,464,094	41,464,094	39,659,310

Average Energy Cost by Portfolio and Scenario

	Reference Scenario (\$/MWh)	Carbon Based Economy (\$/MWh)	Net Zero Economy (\$/MWh)	Volatile Market (\$/MWh)	Extreme Weather (\$/MWh)	High ex. EXW (\$/MWh)	Low ex. EXW (\$/MWh)
	2023 -2030	2023 -2030	2023 -2030	2023 – 2030	2023 – 2030	2023 – 2030	2023 – 2030
P1	\$ 58.07	\$ 52.33	\$ 56.89	\$ 59.85	\$ 57.30	\$ 59.85	\$ 52.33
P2	\$ 60.04	\$ 54.57	\$ 58.54	\$ 62.92	\$ 60.21	\$ 62.92	\$ 54.57
P3	\$ 60.58	\$ 55.95	\$ 57.71	\$ 63.08	\$ 65.07	\$ 63.08	\$ 55.95
P4	\$ 59.16	\$ 53.15	\$ 57.51	\$ 60.60	\$ 59.48	\$ 60.60	\$ 53.15
P5	\$ 60.47	\$ 55.09	\$ 56.57	\$ 61.53	\$ 65.03	\$ 61.53	\$ 55.09
P6	\$ 65.34	\$ 61.12	\$ 60.85	\$ 68.59	\$ 68.13	\$ 68.59	\$ 60.85
P7	\$ 65.96	\$ 61.71	\$ 61.40	\$ 69.23	\$ 68.81	\$ 69.23	\$ 61.40
P8	\$ 60.67	\$ 54.82	\$ 56.17	\$ 62.15	\$ 63.56	\$ 62.15	\$ 54.82
P9	\$ 58.64	\$ 53.58	\$ 55.94	\$ 59.38	\$ 61.70	\$ 59.38	\$ 53.58

Average Energy Cost: Detailed Results

Cost of Fuel and STEP (\$/MWh) for all portfolios by calendar year for the reference scenario									
CY	Ref P1	Ref P2	Ref P3	Ref P4	Ref P5	Ref P6	Ref P7	Ref P8	Ref P9
2023	\$ 44.74	\$ 44.74	\$ 44.74	\$ 44.93	\$ 44.93	\$ 45.17	\$ 45.17	\$ 44.62	\$ 44.34
2024	\$ 41.34	\$ 41.34	\$ 41.34	\$ 40.62	\$ 40.62	\$ 40.43	\$ 40.43	\$ 40.47	\$ 41.14
2025	\$ 40.53	\$ 40.68	\$ 40.60	\$ 39.99	\$ 39.98	\$ 40.28	\$ 40.28	\$ 40.11	\$ 40.72
2026	\$ 41.71	\$ 43.56	\$ 42.86	\$ 41.76	\$ 41.91	\$ 45.62	\$ 45.62	\$ 44.81	\$ 42.85
2027	\$ 43.00	\$ 46.96	\$ 47.55	\$ 44.89	\$ 46.74	\$ 54.87	\$ 54.87	\$ 48.35	\$ 45.98
2028	\$ 44.60	\$ 49.52	\$ 52.93	\$ 48.90	\$ 53.31	\$ 64.39	\$ 64.39	\$ 55.24	\$ 49.94
2029	\$ 44.28	\$ 50.05	\$ 60.09	\$ 51.10	\$ 61.01	\$ 72.56	\$ 72.38	\$ 60.58	\$ 53.76
2030	\$ 44.86	\$ 51.42	\$ 64.43	\$ 48.36	\$ 66.12	\$ 73.42	\$ 73.72	\$ 61.07	\$ 55.87
2031	\$ 45.20	\$ 51.89	\$ 62.85	\$ 50.32	\$ 64.47	\$ 71.15	\$ 75.38	\$ 61.82	\$ 56.47
2032	\$ 45.99	\$ 49.70	\$ 63.75	\$ 51.28	\$ 65.06	\$ 69.13	\$ 76.83	\$ 59.70	\$ 54.24
2033	\$ 45.81	\$ 46.52	\$ 61.60	\$ 48.80	\$ 62.93	\$ 66.97	\$ 75.26	\$ 57.14	\$ 51.71
2034	\$ 46.47	\$ 44.63	\$ 59.64	\$ 47.00	\$ 60.95	\$ 65.04	\$ 72.19	\$ 55.63	\$ 50.27
2035	\$ 47.64	\$ 47.40	\$ 62.13	\$ 49.78	\$ 63.60	\$ 68.29	\$ 73.60	\$ 59.93	\$ 54.00
2036	\$ 49.35	\$ 49.48	\$ 63.89	\$ 51.91	\$ 65.35	\$ 66.79	\$ 74.66	\$ 61.26	\$ 55.81
2037	\$ 49.89	\$ 49.78	\$ 63.15	\$ 52.10	\$ 64.70	\$ 65.69	\$ 72.96	\$ 60.53	\$ 55.75
2038	\$ 50.86	\$ 51.57	\$ 63.87	\$ 54.11	\$ 66.39	\$ 66.82	\$ 74.05	\$ 61.55	\$ 56.21
2039	\$ 52.53	\$ 54.05	\$ 65.35	\$ 55.62	\$ 67.18	\$ 67.53	\$ 74.84	\$ 62.64	\$ 57.65
2040	\$ 52.67	\$ 56.93	\$ 67.96	\$ 58.52	\$ 69.59	\$ 71.67	\$ 79.02	\$ 65.11	\$ 59.93
2041	\$ 53.06	\$ 61.39	\$ 70.37	\$ 59.47	\$ 73.15	\$ 73.86	\$ 77.54	\$ 66.07	\$ 60.95
2042	\$ 53.51	\$ 65.49	\$ 71.40	\$ 60.01	\$ 73.97	\$ 75.91	\$ 78.38	\$ 68.69	\$ 63.25
2043	\$ 54.55	\$ 67.89	\$ 75.08	\$ 62.56	\$ 75.87	\$ 77.37	\$ 80.36	\$ 70.62	\$ 65.44
2044	\$ 55.81	\$ 70.79	\$ 77.79	\$ 65.05	\$ 78.59	\$ 79.18	\$ 81.90	\$ 72.69	\$ 67.55
2045	\$ 57.74	\$ 72.22	\$ 79.43	\$ 67.12	\$ 79.95	\$ 79.86	\$ 82.74	\$ 73.94	\$ 68.85
2046	\$ 58.99	\$ 72.96	\$ 80.37	\$ 67.74	\$ 81.25	\$ 81.03	\$ 84.46	\$ 75.22	\$ 70.18
2047	\$ 60.82	\$ 74.41	\$ 82.66	\$ 69.16	\$ 83.53	\$ 83.02	\$ 86.17	\$ 77.31	\$ 72.27

Average Energy Cost: Detailed Results

Cost of Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Carbon Based Economy scenario									
CY	CBE P1	CBE P2	CBE P3	CBE P4	CBE P5	CBE P6	CBE P7	CBE P8	CBE P9
2023	\$ 44.25	\$ 44.25	\$ 44.25	\$ 43.97	\$ 43.97	\$ 44.97	\$ 44.97	\$ 43.97	\$ 43.89
2024	\$ 40.62	\$ 40.62	\$ 40.62	\$ 39.37	\$ 39.37	\$ 40.04	\$ 40.04	\$ 39.37	\$ 40.45
2025	\$ 39.56	\$ 39.74	\$ 39.61	\$ 38.64	\$ 38.61	\$ 39.82	\$ 39.82	\$ 38.78	\$ 39.75
2026	\$ 40.08	\$ 42.06	\$ 41.44	\$ 39.88	\$ 40.16	\$ 44.61	\$ 44.61	\$ 41.99	\$ 41.26
2027	\$ 39.19	\$ 43.31	\$ 44.31	\$ 40.91	\$ 43.20	\$ 52.70	\$ 52.71	\$ 44.82	\$ 42.56
2028	\$ 39.17	\$ 44.41	\$ 48.84	\$ 42.97	\$ 48.92	\$ 61.68	\$ 61.68	\$ 51.07	\$ 45.43
2029	\$ 38.15	\$ 44.41	\$ 55.66	\$ 44.04	\$ 56.45	\$ 69.41	\$ 69.17	\$ 56.04	\$ 49.45
2030	\$ 37.64	\$ 44.84	\$ 59.09	\$ 40.02	\$ 60.62	\$ 70.15	\$ 70.42	\$ 55.91	\$ 51.07
2031	\$ 37.37	\$ 44.60	\$ 56.97	\$ 41.11	\$ 58.38	\$ 67.46	\$ 71.74	\$ 56.36	\$ 51.39
2032	\$ 37.53	\$ 42.02	\$ 58.22	\$ 42.45	\$ 59.43	\$ 65.96	\$ 73.95	\$ 54.63	\$ 49.35
2033	\$ 36.73	\$ 38.80	\$ 55.99	\$ 40.10	\$ 57.22	\$ 63.67	\$ 72.57	\$ 52.25	\$ 46.82
2034	\$ 36.76	\$ 37.15	\$ 54.84	\$ 38.51	\$ 55.98	\$ 62.69	\$ 70.65	\$ 51.21	\$ 45.99
2035	\$ 36.89	\$ 39.88	\$ 57.74	\$ 41.50	\$ 59.06	\$ 66.72	\$ 73.05	\$ 56.55	\$ 50.45
2036	\$ 37.14	\$ 40.96	\$ 58.87	\$ 42.78	\$ 59.95	\$ 64.55	\$ 73.64	\$ 57.09	\$ 51.58
2037	\$ 36.96	\$ 40.94	\$ 58.47	\$ 42.76	\$ 59.59	\$ 64.34	\$ 73.12	\$ 56.89	\$ 52.52
2038	\$ 36.80	\$ 42.74	\$ 58.76	\$ 44.88	\$ 61.28	\$ 65.90	\$ 74.37	\$ 58.15	\$ 52.84
2039	\$ 37.03	\$ 44.51	\$ 60.83	\$ 45.61	\$ 62.36	\$ 67.95	\$ 77.08	\$ 60.00	\$ 54.52
2040	\$ 36.34	\$ 47.72	\$ 64.37	\$ 49.09	\$ 65.68	\$ 73.64	\$ 82.69	\$ 64.23	\$ 57.73
2041	\$ 35.53	\$ 52.52	\$ 68.27	\$ 49.92	\$ 70.66	\$ 77.84	\$ 82.88	\$ 65.93	\$ 59.41
2042	\$ 34.59	\$ 56.61	\$ 69.65	\$ 50.01	\$ 71.83	\$ 80.47	\$ 83.71	\$ 68.84	\$ 62.11
2043	\$ 35.04	\$ 59.59	\$ 74.74	\$ 52.80	\$ 75.09	\$ 83.75	\$ 87.62	\$ 72.18	\$ 65.37
2044	\$ 35.44	\$ 62.87	\$ 77.82	\$ 55.47	\$ 78.50	\$ 86.29	\$ 89.74	\$ 74.83	\$ 68.15
2045	\$ 36.23	\$ 64.12	\$ 80.44	\$ 57.70	\$ 80.78	\$ 87.76	\$ 91.49	\$ 76.98	\$ 70.21
2046	\$ 36.66	\$ 64.42	\$ 82.92	\$ 58.07	\$ 83.61	\$ 90.03	\$ 94.07	\$ 79.63	\$ 72.88
2047	\$ 37.24	\$ 65.94	\$ 86.16	\$ 59.99	\$ 86.89	\$ 92.43	\$ 96.16	\$ 82.52	\$ 76.22

Average Energy Cost: Detailed Results

Cost of Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Net									
Zero Economy scenario									
CY	NZE P1	NZE P2	NZE P3	NZE P4	NZE P5	NZE P6	NZE P7	NZE P8	NZE P9
2023	\$ 46.08	\$ 46.08	\$ 46.08	\$ 46.14	\$ 46.14	\$ 46.20	\$ 46.21	\$ 46.14	\$ 45.67
2024	\$ 42.24	\$ 42.24	\$ 42.24	\$ 41.32	\$ 41.32	\$ 41.04	\$ 41.04	\$ 41.32	\$ 42.03
2025	\$ 41.11	\$ 41.28	\$ 41.15	\$ 40.37	\$ 40.33	\$ 40.74	\$ 40.74	\$ 40.53	\$ 41.24
2026	\$ 42.08	\$ 43.92	\$ 43.14	\$ 41.98	\$ 41.96	\$ 45.19	\$ 45.19	\$ 43.82	\$ 42.91
2027	\$ 44.58	\$ 48.26	\$ 47.97	\$ 46.17	\$ 46.88	\$ 54.83	\$ 54.83	\$ 47.36	\$ 46.41
2028	\$ 44.33	\$ 48.40	\$ 50.76	\$ 47.95	\$ 51.25	\$ 60.74	\$ 60.76	\$ 52.85	\$ 48.49
2029	\$ 44.13	\$ 48.93	\$ 56.89	\$ 49.89	\$ 57.58	\$ 67.74	\$ 67.67	\$ 57.54	\$ 51.57
2030	\$ 44.79	\$ 50.27	\$ 59.63	\$ 47.00	\$ 60.92	\$ 67.07	\$ 67.43	\$ 56.93	\$ 52.21
2031	\$ 45.74	\$ 51.23	\$ 58.19	\$ 49.49	\$ 59.44	\$ 64.91	\$ 69.55	\$ 57.88	\$ 52.98
2032	\$ 47.98	\$ 50.02	\$ 60.52	\$ 51.36	\$ 61.34	\$ 64.12	\$ 72.82	\$ 56.29	\$ 51.13
2033	\$ 49.77	\$ 47.19	\$ 58.08	\$ 48.91	\$ 58.89	\$ 61.42	\$ 71.18	\$ 53.11	\$ 48.16
2034	\$ 52.57	\$ 46.74	\$ 57.10	\$ 48.24	\$ 57.98	\$ 60.91	\$ 69.66	\$ 52.64	\$ 47.39
2035	\$ 53.98	\$ 49.04	\$ 59.52	\$ 50.41	\$ 60.45	\$ 64.60	\$ 71.41	\$ 57.95	\$ 51.99
2036	\$ 57.05	\$ 51.81	\$ 61.71	\$ 53.14	\$ 62.52	\$ 63.53	\$ 72.74	\$ 59.46	\$ 54.24
2037	\$ 60.74	\$ 54.83	\$ 63.89	\$ 56.19	\$ 64.72	\$ 65.75	\$ 74.96	\$ 61.65	\$ 57.56
2038	\$ 62.39	\$ 56.81	\$ 64.14	\$ 58.06	\$ 65.90	\$ 66.81	\$ 75.97	\$ 62.85	\$ 58.26
2039	\$ 59.07	\$ 55.63	\$ 62.40	\$ 56.11	\$ 63.47	\$ 64.86	\$ 74.28	\$ 61.55	\$ 56.82
2040	\$ 56.30	\$ 56.11	\$ 63.77	\$ 57.14	\$ 64.72	\$ 68.34	\$ 77.59	\$ 63.68	\$ 58.15
2041	\$ 51.94	\$ 55.97	\$ 64.24	\$ 55.11	\$ 65.92	\$ 68.52	\$ 73.53	\$ 62.06	\$ 57.13
2042	\$ 50.72	\$ 58.36	\$ 65.11	\$ 54.80	\$ 66.50	\$ 70.59	\$ 73.95	\$ 64.48	\$ 59.44
2043	\$ 52.10	\$ 61.86	\$ 70.23	\$ 58.25	\$ 70.33	\$ 74.59	\$ 78.41	\$ 68.22	\$ 63.07
2044	\$ 50.54	\$ 63.48	\$ 72.35	\$ 59.28	\$ 72.68	\$ 76.48	\$ 79.94	\$ 70.09	\$ 65.17
2045	\$ 51.82	\$ 65.23	\$ 75.30	\$ 61.43	\$ 75.41	\$ 78.87	\$ 82.79	\$ 72.90	\$ 67.47
2046	\$ 56.31	\$ 68.11	\$ 80.16	\$ 64.08	\$ 80.47	\$ 83.81	\$ 87.81	\$ 77.76	\$ 71.96
2047	\$ 59.42	\$ 70.45	\$ 85.50	\$ 66.67	\$ 85.78	\$ 89.73	\$ 93.03	\$ 82.64	\$ 76.45

Average Energy Cost: Detailed Results

Cost of Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Volatile Market scenario									
CY	VMA P1	VMA P2	VMA P3	VMA P4	VMA P5	VMA P6	VMA P7	VMA P8	VMA P9
2023	\$ 47.78	\$ 47.78	\$ 47.78	\$ 48.66	\$ 48.66	\$ 47.62	\$ 47.62	\$ 48.66	\$ 47.15
2024	\$ 45.17	\$ 45.17	\$ 45.17	\$ 45.02	\$ 45.02	\$ 42.68	\$ 42.68	\$ 45.02	\$ 44.76
2025	\$ 43.83	\$ 44.08	\$ 43.85	\$ 43.65	\$ 43.41	\$ 42.60	\$ 42.60	\$ 43.66	\$ 44.06
2026	\$ 45.38	\$ 48.67	\$ 46.88	\$ 45.85	\$ 45.16	\$ 49.04	\$ 49.04	\$ 46.94	\$ 46.52
2027	\$ 47.15	\$ 53.04	\$ 51.56	\$ 50.00	\$ 49.51	\$ 60.50	\$ 60.50	\$ 51.50	\$ 48.52
2028	\$ 48.00	\$ 54.36	\$ 57.64	\$ 52.43	\$ 59.09	\$ 70.87	\$ 70.87	\$ 61.60	\$ 52.27
2029	\$ 48.62	\$ 55.71	\$ 68.16	\$ 54.74	\$ 69.43	\$ 81.54	\$ 81.20	\$ 68.62	\$ 59.28
2030	\$ 47.87	\$ 55.62	\$ 72.37	\$ 49.56	\$ 74.34	\$ 84.18	\$ 84.48	\$ 67.69	\$ 61.02
2031	\$ 48.00	\$ 55.52	\$ 69.55	\$ 50.59	\$ 71.42	\$ 80.99	\$ 85.81	\$ 67.90	\$ 61.15
2032	\$ 48.98	\$ 52.93	\$ 70.22	\$ 51.86	\$ 71.80	\$ 78.32	\$ 87.24	\$ 65.37	\$ 58.27
2033	\$ 48.57	\$ 48.80	\$ 66.49	\$ 48.86	\$ 68.16	\$ 74.70	\$ 84.13	\$ 62.00	\$ 54.51
2034	\$ 49.51	\$ 47.31	\$ 64.87	\$ 47.25	\$ 66.47	\$ 73.19	\$ 81.98	\$ 60.62	\$ 53.27
2035	\$ 51.38	\$ 51.75	\$ 69.91	\$ 52.07	\$ 71.73	\$ 79.23	\$ 86.24	\$ 68.04	\$ 59.68
2036	\$ 53.62	\$ 54.83	\$ 73.25	\$ 55.19	\$ 74.93	\$ 79.36	\$ 89.19	\$ 70.78	\$ 62.90
2037	\$ 54.14	\$ 55.23	\$ 73.39	\$ 55.58	\$ 75.10	\$ 79.58	\$ 89.22	\$ 70.99	\$ 64.30
2038	\$ 54.96	\$ 57.24	\$ 73.91	\$ 57.75	\$ 77.08	\$ 81.60	\$ 91.26	\$ 72.64	\$ 64.91
2039	\$ 56.82	\$ 60.59	\$ 76.66	\$ 59.36	\$ 78.89	\$ 84.04	\$ 94.13	\$ 75.13	\$ 67.13
2040	\$ 56.37	\$ 64.54	\$ 80.61	\$ 63.00	\$ 82.64	\$ 90.92	\$ 101.50	\$ 80.15	\$ 70.71
2041	\$ 56.88	\$ 71.44	\$ 84.73	\$ 64.09	\$ 88.33	\$ 95.51	\$ 101.72	\$ 82.32	\$ 72.64
2042	\$ 57.35	\$ 77.58	\$ 87.02	\$ 64.65	\$ 90.42	\$ 99.40	\$ 103.92	\$ 85.89	\$ 75.76
2043	\$ 58.67	\$ 81.71	\$ 94.70	\$ 68.34	\$ 95.38	\$ 104.78	\$ 110.31	\$ 90.72	\$ 80.42
2044	\$ 61.33	\$ 85.86	\$ 98.73	\$ 71.79	\$ 99.62	\$ 107.49	\$ 112.51	\$ 93.65	\$ 83.59
2045	\$ 64.31	\$ 87.68	\$ 101.57	\$ 74.33	\$ 101.96	\$ 108.99	\$ 114.31	\$ 95.90	\$ 85.61
2046	\$ 66.00	\$ 88.75	\$ 105.07	\$ 75.07	\$ 105.85	\$ 112.09	\$ 118.23	\$ 99.24	\$ 88.74
2047	\$ 68.42	\$ 90.47	\$ 109.65	\$ 77.33	\$ 110.45	\$ 115.75	\$ 120.72	\$ 103.08	\$ 93.26

Average Energy Cost: Detailed Results

Cost of Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Extreme Weather sensitivities									
CY	EXW P1	EXW P2	EXW P3	EXW P4	EXW P5	EXW P6	EXW P7	EXW P8	EXW P9
2023	\$ 44.74	\$ 44.74	\$ 44.74	\$ 44.93	\$ 44.93	\$ 45.17	\$ 45.17	\$ 44.62	\$ 44.34
2024	\$ 41.34	\$ 41.34	\$ 41.34	\$ 40.62	\$ 40.62	\$ 40.43	\$ 40.43	\$ 40.47	\$ 41.14
2025	\$ 40.53	\$ 40.68	\$ 40.60	\$ 39.99	\$ 39.98	\$ 40.28	\$ 40.28	\$ 40.11	\$ 40.72
2026	\$ 41.71	\$ 43.56	\$ 42.86	\$ 41.76	\$ 41.91	\$ 45.62	\$ 45.62	\$ 44.81	\$ 42.85
2027	\$ 43.00	\$ 46.96	\$ 47.55	\$ 44.89	\$ 46.74	\$ 54.87	\$ 54.87	\$ 48.35	\$ 45.98
2028	\$ 44.60	\$ 49.52	\$ 52.93	\$ 48.90	\$ 53.31	\$ 64.39	\$ 64.39	\$ 55.24	\$ 49.94
2029	\$ 44.28	\$ 50.05	\$ 60.09	\$ 51.10	\$ 61.01	\$ 72.56	\$ 72.38	\$ 60.58	\$ 53.76
2030	\$ 54.70	\$ 67.11	\$ 114.15	\$ 71.08	\$ 116.61	\$ 116.65	\$ 117.21	\$ 97.17	\$ 90.03
2031	\$ 45.20	\$ 51.89	\$ 62.85	\$ 50.32	\$ 64.47	\$ 71.15	\$ 75.38	\$ 61.82	\$ 56.47
2032	\$ 45.99	\$ 49.70	\$ 63.75	\$ 51.28	\$ 65.06	\$ 69.13	\$ 76.83	\$ 59.70	\$ 54.24
2033	\$ 45.81	\$ 46.52	\$ 61.60	\$ 48.80	\$ 62.93	\$ 66.97	\$ 75.26	\$ 57.14	\$ 51.71
2034	\$ 46.47	\$ 44.63	\$ 59.64	\$ 47.00	\$ 60.95	\$ 65.04	\$ 72.19	\$ 55.63	\$ 50.27
2035	\$ 47.64	\$ 47.40	\$ 62.13	\$ 49.78	\$ 63.60	\$ 68.29	\$ 73.60	\$ 59.93	\$ 54.00
2036	\$ 49.35	\$ 49.48	\$ 63.89	\$ 51.91	\$ 65.35	\$ 66.79	\$ 74.66	\$ 61.26	\$ 55.81
2037	\$ 49.89	\$ 49.78	\$ 63.15	\$ 52.10	\$ 64.70	\$ 65.69	\$ 72.96	\$ 60.53	\$ 55.75
2038	\$ 50.86	\$ 51.57	\$ 63.87	\$ 54.11	\$ 66.39	\$ 66.82	\$ 74.05	\$ 61.55	\$ 56.21
2039	\$ 52.53	\$ 54.05	\$ 65.35	\$ 55.62	\$ 67.18	\$ 67.53	\$ 74.84	\$ 62.64	\$ 57.65
2040	\$ 52.67	\$ 56.93	\$ 67.96	\$ 58.52	\$ 69.59	\$ 71.67	\$ 79.02	\$ 65.11	\$ 59.93
2041	\$ 53.06	\$ 61.39	\$ 70.37	\$ 59.47	\$ 73.15	\$ 73.86	\$ 77.54	\$ 66.07	\$ 60.95
2042	\$ 53.51	\$ 65.49	\$ 71.40	\$ 60.01	\$ 73.97	\$ 75.91	\$ 78.38	\$ 68.69	\$ 63.25
2043	\$ 54.55	\$ 67.89	\$ 75.08	\$ 62.56	\$ 75.87	\$ 77.37	\$ 80.36	\$ 70.62	\$ 65.44
2044	\$ 55.81	\$ 70.79	\$ 77.79	\$ 65.05	\$ 78.59	\$ 79.18	\$ 81.90	\$ 72.69	\$ 67.55
2045	\$ 57.74	\$ 72.22	\$ 79.43	\$ 67.12	\$ 79.95	\$ 79.86	\$ 82.74	\$ 73.94	\$ 68.85
2046	\$ 58.99	\$ 72.96	\$ 80.37	\$ 67.74	\$ 81.25	\$ 81.03	\$ 84.46	\$ 75.22	\$ 70.18
2047	\$ 60.82	\$ 74.41	\$ 82.66	\$ 69.16	\$ 83.53	\$ 83.02	\$ 86.17	\$ 77.31	\$ 72.27

Average Energy Cost: Detailed Results

Cost of Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Enhanced STEP, Reduced STEP, and Build/Buy sensitivities						
CY	Enhanced STEP P4	Enhanced STEP P6	Reduced STEP P4	Reduced STEP P6	Build Buy P4	
2023	\$ 44.92	\$ 45.16	\$ 44.92	\$ 45.16	\$ 44.93	
2024	\$ 40.61	\$ 40.41	\$ 40.60	\$ 40.41	\$ 40.62	
2025	\$ 39.98	\$ 40.25	\$ 39.97	\$ 40.24	\$ 39.99	
2026	\$ 41.75	\$ 45.42	\$ 41.74	\$ 45.39	\$ 42.23	
2027	\$ 46.16	\$ 55.94	\$ 43.42	\$ 53.21	\$ 50.45	
2028	\$ 50.14	\$ 64.31	\$ 45.75	\$ 61.03	\$ 54.60	
2029	\$ 52.29	\$ 72.62	\$ 47.93	\$ 69.12	\$ 58.29	
2030	\$ 49.53	\$ 73.61	\$ 45.24	\$ 70.57	\$ 58.50	
2031	\$ 51.51	\$ 71.44	\$ 47.21	\$ 68.17	\$ 60.29	
2032	\$ 52.48	\$ 69.47	\$ 48.18	\$ 66.22	\$ 61.35	
2033	\$ 49.89	\$ 67.54	\$ 45.81	\$ 65.02	\$ 61.91	
2034	\$ 48.00	\$ 67.56	\$ 44.16	\$ 62.85	\$ 62.69	
2035	\$ 50.77	\$ 70.45	\$ 46.99	\$ 65.89	\$ 65.05	
2036	\$ 52.82	\$ 68.73	\$ 49.21	\$ 64.33	\$ 66.97	
2037	\$ 52.96	\$ 67.39	\$ 49.52	\$ 63.11	\$ 68.11	
2038	\$ 54.93	\$ 68.23	\$ 51.60	\$ 64.20	\$ 69.86	
2039	\$ 56.38	\$ 68.95	\$ 53.21	\$ 65.15	\$ 72.39	
2040	\$ 59.25	\$ 73.24	\$ 56.13	\$ 69.15	\$ 76.01	
2041	\$ 60.11	\$ 75.49	\$ 57.24	\$ 71.36	\$ 76.72	
2042	\$ 60.57	\$ 77.48	\$ 57.91	\$ 73.55	\$ 78.23	
2043	\$ 63.17	\$ 78.92	\$ 60.46	\$ 74.98	\$ 81.77	
2044	\$ 65.68	\$ 79.25	\$ 62.96	\$ 76.76	\$ 85.07	
2045	\$ 67.72	\$ 79.88	\$ 65.10	\$ 77.53	\$ 86.99	
2046	\$ 68.28	\$ 80.94	\$ 65.79	\$ 78.85	\$ 89.61	
2047	\$ 69.62	\$ 82.80	\$ 67.28	\$ 80.68	\$ 90.72	

Average Energy Cost: Detailed Results

Cost of Non-fuel, Fuel and STEP (\$/MWh) for all portfolios by calendar year for the reference scenario									
CY	Ref P1	Ref P2	Ref P3	Ref P4	Ref P5	Ref P6	Ref P7	Ref P8	Ref P9
2023	\$ 56.61	\$ 56.61	\$ 56.61	\$ 56.77	\$ 56.75	\$ 56.92	\$ 56.92	\$ 56.29	\$ 56.33
2024	\$ 54.14	\$ 54.14	\$ 54.14	\$ 53.86	\$ 53.78	\$ 53.26	\$ 53.25	\$ 53.49	\$ 54.04
2025	\$ 52.70	\$ 52.84	\$ 52.76	\$ 52.55	\$ 52.00	\$ 52.21	\$ 52.21	\$ 51.99	\$ 52.99
2026	\$ 53.96	\$ 55.46	\$ 54.66	\$ 54.40	\$ 53.74	\$ 56.66	\$ 56.66	\$ 55.70	\$ 54.87
2027	\$ 59.13	\$ 62.25	\$ 59.29	\$ 60.04	\$ 58.64	\$ 64.90	\$ 64.90	\$ 59.90	\$ 58.21
2028	\$ 60.13	\$ 64.03	\$ 62.42	\$ 62.46	\$ 63.03	\$ 71.13	\$ 72.69	\$ 65.12	\$ 60.29
2029	\$ 62.96	\$ 65.80	\$ 68.33	\$ 66.03	\$ 69.19	\$ 77.16	\$ 78.73	\$ 69.88	\$ 64.05
2030	\$ 64.93	\$ 69.16	\$ 76.42	\$ 67.18	\$ 76.63	\$ 90.52	\$ 92.29	\$ 72.99	\$ 68.34
2031	\$ 65.64	\$ 69.27	\$ 76.25	\$ 68.60	\$ 76.49	\$ 89.39	\$ 92.69	\$ 73.15	\$ 69.07
2032	\$ 68.69	\$ 69.86	\$ 77.59	\$ 69.91	\$ 77.50	\$ 89.36	\$ 93.82	\$ 73.51	\$ 68.70
2033	\$ 71.94	\$ 71.34	\$ 78.93	\$ 71.02	\$ 78.88	\$ 90.00	\$ 94.35	\$ 74.25	\$ 69.71
2034	\$ 72.06	\$ 70.83	\$ 78.32	\$ 70.72	\$ 78.36	\$ 89.02	\$ 91.07	\$ 74.09	\$ 69.55
2035	\$ 74.67	\$ 73.77	\$ 81.47	\$ 73.52	\$ 81.65	\$ 93.80	\$ 92.58	\$ 79.90	\$ 75.20
2036	\$ 78.14	\$ 76.59	\$ 84.11	\$ 76.53	\$ 84.38	\$ 92.54	\$ 94.23	\$ 81.81	\$ 77.61
2037	\$ 78.94	\$ 77.01	\$ 84.97	\$ 76.98	\$ 85.27	\$ 92.43	\$ 93.84	\$ 82.31	\$ 76.95
2038	\$ 80.41	\$ 78.32	\$ 87.09	\$ 78.61	\$ 86.52	\$ 92.63	\$ 94.18	\$ 82.85	\$ 78.93
2039	\$ 83.42	\$ 82.01	\$ 89.19	\$ 81.51	\$ 89.94	\$ 93.72	\$ 95.60	\$ 84.57	\$ 81.03
2040	\$ 84.06	\$ 84.34	\$ 92.66	\$ 84.16	\$ 93.24	\$ 96.54	\$ 100.02	\$ 86.99	\$ 84.19
2041	\$ 85.25	\$ 88.24	\$ 94.79	\$ 85.09	\$ 96.36	\$ 98.01	\$ 97.75	\$ 87.63	\$ 84.96
2042	\$ 87.11	\$ 93.42	\$ 96.14	\$ 87.10	\$ 97.56	\$ 100.25	\$ 98.61	\$ 90.69	\$ 87.83
2043	\$ 88.27	\$ 96.81	\$ 98.82	\$ 89.85	\$ 98.73	\$ 100.75	\$ 99.62	\$ 91.88	\$ 89.22
2044	\$ 89.91	\$ 100.04	\$ 101.21	\$ 92.91	\$ 101.18	\$ 102.21	\$ 100.86	\$ 93.80	\$ 91.16
2045	\$ 93.71	\$ 102.14	\$ 102.96	\$ 95.63	\$ 102.72	\$ 102.96	\$ 101.93	\$ 95.26	\$ 92.56
2046	\$ 94.36	\$ 103.33	\$ 102.50	\$ 96.74	\$ 102.53	\$ 102.77	\$ 102.23	\$ 95.10	\$ 92.50
2047	\$ 96.24	\$ 105.31	\$ 103.53	\$ 97.95	\$ 103.58	\$ 103.12	\$ 102.69	\$ 96.24	\$ 93.45
Average 2023-2030	\$ 58.07	\$ 60.04	\$ 60.58	\$ 59.16	\$ 60.47	\$ 65.34	\$ 65.96	\$ 60.67	\$ 58.64

Average Energy Cost: Detailed Results

Cost of Non-fuel, Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Carbon Based Economy scenario									
CY	CBE P1	CBE P2	CBE P3	CBE P4	CBE P5	CBE P6	CBE P7	CBE P8	CBE P9
2023	\$ 55.23	\$ 55.23	\$ 55.23	\$ 55.06	\$ 55.04	\$ 55.73	\$ 55.73	\$ 55.04	\$ 54.98
2024	\$ 51.76	\$ 51.76	\$ 51.76	\$ 51.21	\$ 50.84	\$ 50.80	\$ 50.80	\$ 50.84	\$ 51.67
2025	\$ 49.94	\$ 50.25	\$ 50.07	\$ 49.60	\$ 48.25	\$ 48.98	\$ 48.98	\$ 48.32	\$ 50.31
2026	\$ 50.05	\$ 52.39	\$ 51.33	\$ 50.54	\$ 48.69	\$ 52.54	\$ 52.54	\$ 48.65	\$ 51.21
2027	\$ 52.29	\$ 55.08	\$ 53.00	\$ 53.05	\$ 50.34	\$ 59.19	\$ 59.19	\$ 50.76	\$ 50.15
2028	\$ 52.38	\$ 56.23	\$ 56.88	\$ 54.57	\$ 57.33	\$ 66.60	\$ 68.12	\$ 58.99	\$ 53.75
2029	\$ 52.58	\$ 56.25	\$ 60.45	\$ 55.24	\$ 61.23	\$ 69.98	\$ 71.53	\$ 61.12	\$ 55.80
2030	\$ 54.37	\$ 59.35	\$ 68.92	\$ 55.92	\$ 68.99	\$ 85.12	\$ 86.83	\$ 64.87	\$ 60.78
2031	\$ 54.29	\$ 58.86	\$ 68.21	\$ 56.45	\$ 68.27	\$ 83.77	\$ 87.19	\$ 64.83	\$ 61.33
2032	\$ 57.49	\$ 60.02	\$ 71.09	\$ 59.01	\$ 70.95	\$ 85.72	\$ 90.39	\$ 66.68	\$ 62.15
2033	\$ 60.35	\$ 61.53	\$ 72.19	\$ 60.27	\$ 72.08	\$ 86.03	\$ 90.72	\$ 67.53	\$ 63.20
2034	\$ 60.32	\$ 61.58	\$ 72.75	\$ 60.48	\$ 72.66	\$ 86.53	\$ 89.11	\$ 68.30	\$ 63.99
2035	\$ 61.21	\$ 63.95	\$ 75.66	\$ 62.93	\$ 75.73	\$ 91.52	\$ 90.74	\$ 74.85	\$ 70.31
2036	\$ 63.32	\$ 65.47	\$ 76.82	\$ 64.77	\$ 76.77	\$ 88.43	\$ 90.91	\$ 75.26	\$ 71.50
2037	\$ 64.34	\$ 66.67	\$ 79.20	\$ 66.28	\$ 79.16	\$ 90.68	\$ 92.94	\$ 77.54	\$ 72.69
2038	\$ 65.21	\$ 68.54	\$ 81.43	\$ 68.56	\$ 81.04	\$ 91.90	\$ 94.04	\$ 78.83	\$ 74.93
2039	\$ 66.58	\$ 71.15	\$ 83.58	\$ 70.40	\$ 84.11	\$ 93.31	\$ 96.22	\$ 80.50	\$ 76.86
2040	\$ 66.46	\$ 73.70	\$ 88.15	\$ 73.85	\$ 88.48	\$ 97.59	\$ 102.07	\$ 84.56	\$ 81.11
2041	\$ 65.55	\$ 76.59	\$ 90.80	\$ 74.02	\$ 92.00	\$ 99.81	\$ 100.43	\$ 85.10	\$ 81.91
2042	\$ 66.05	\$ 81.09	\$ 91.94	\$ 75.31	\$ 92.95	\$ 101.68	\$ 100.44	\$ 87.99	\$ 84.88
2043	\$ 67.21	\$ 85.56	\$ 96.17	\$ 78.91	\$ 95.76	\$ 104.30	\$ 103.64	\$ 90.90	\$ 87.64
2044	\$ 68.30	\$ 89.61	\$ 99.30	\$ 82.23	\$ 99.21	\$ 107.06	\$ 106.00	\$ 93.76	\$ 90.47
2045	\$ 70.96	\$ 91.39	\$ 101.59	\$ 85.08	\$ 101.27	\$ 107.97	\$ 107.27	\$ 95.73	\$ 92.34
2046	\$ 70.12	\$ 91.27	\$ 101.36	\$ 85.27	\$ 101.31	\$ 107.65	\$ 107.15	\$ 95.71	\$ 92.62
2047	\$ 71.04	\$ 93.18	\$ 102.35	\$ 86.79	\$ 102.34	\$ 107.56	\$ 107.41	\$ 96.81	\$ 93.66
Average 2023-2030	\$ 52.33	\$ 54.57	\$ 55.95	\$ 53.15	\$ 55.09	\$ 61.12	\$ 61.71	\$ 54.82	\$ 53.58

Average Energy Cost: Detailed Results

Cost of Non-fuel, Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Net Zero Economy scenario									
CY	NZE P1	NZE P2	NZE P3	NZE P4	NZE P5	NZE P6	NZE P7	NZE P8	NZE P9
2023	\$ 56.52	\$ 56.52	\$ 56.52	\$ 56.58	\$ 56.56	\$ 56.60	\$ 56.60	\$ 56.30	\$ 56.23
2024	\$ 52.31	\$ 52.31	\$ 52.31	\$ 51.93	\$ 51.47	\$ 50.99	\$ 50.99	\$ 51.22	\$ 52.21
2025	\$ 50.35	\$ 50.68	\$ 50.48	\$ 50.12	\$ 48.25	\$ 48.48	\$ 48.47	\$ 48.05	\$ 50.69
2026	\$ 50.84	\$ 53.53	\$ 51.97	\$ 51.52	\$ 48.86	\$ 52.01	\$ 52.01	\$ 47.66	\$ 51.75
2027	\$ 57.91	\$ 60.36	\$ 56.06	\$ 58.46	\$ 51.47	\$ 61.39	\$ 61.39	\$ 48.95	\$ 52.32
2028	\$ 60.04	\$ 63.12	\$ 60.31	\$ 61.75	\$ 60.89	\$ 67.33	\$ 68.67	\$ 62.84	\$ 58.86
2029	\$ 62.57	\$ 64.35	\$ 64.52	\$ 64.61	\$ 65.16	\$ 71.60	\$ 73.06	\$ 66.44	\$ 61.43
2030	\$ 64.57	\$ 67.49	\$ 69.53	\$ 65.14	\$ 69.90	\$ 78.41	\$ 80.00	\$ 67.87	\$ 64.07
2031	\$ 65.98	\$ 68.11	\$ 68.99	\$ 67.11	\$ 69.40	\$ 76.78	\$ 80.48	\$ 68.11	\$ 64.84
2032	\$ 70.46	\$ 69.53	\$ 71.95	\$ 69.55	\$ 71.93	\$ 77.85	\$ 83.41	\$ 68.95	\$ 65.03
2033	\$ 75.11	\$ 70.19	\$ 72.29	\$ 70.12	\$ 72.28	\$ 77.02	\$ 82.96	\$ 68.38	\$ 65.14
2034	\$ 77.05	\$ 70.63	\$ 72.09	\$ 70.51	\$ 72.24	\$ 76.68	\$ 80.64	\$ 68.76	\$ 65.36
2035	\$ 79.32	\$ 72.91	\$ 75.20	\$ 72.50	\$ 75.36	\$ 81.70	\$ 82.65	\$ 75.13	\$ 71.42
2036	\$ 83.61	\$ 76.21	\$ 78.23	\$ 75.85	\$ 78.38	\$ 81.09	\$ 84.73	\$ 77.60	\$ 74.18
2037	\$ 87.22	\$ 79.28	\$ 81.77	\$ 79.04	\$ 81.85	\$ 83.92	\$ 87.74	\$ 81.03	\$ 76.81
2038	\$ 88.66	\$ 80.49	\$ 83.40	\$ 80.29	\$ 82.76	\$ 84.52	\$ 88.43	\$ 81.85	\$ 78.94
2039	\$ 86.25	\$ 80.25	\$ 82.67	\$ 79.41	\$ 83.12	\$ 84.19	\$ 88.41	\$ 81.33	\$ 78.29
2040	\$ 83.64	\$ 80.07	\$ 84.98	\$ 80.08	\$ 85.41	\$ 87.28	\$ 92.60	\$ 82.53	\$ 80.50
2041	\$ 79.55	\$ 79.28	\$ 85.24	\$ 77.81	\$ 86.26	\$ 87.54	\$ 88.82	\$ 80.85	\$ 79.31
2042	\$ 79.26	\$ 82.69	\$ 86.64	\$ 78.62	\$ 87.50	\$ 90.35	\$ 90.05	\$ 83.94	\$ 82.20
2043	\$ 80.42	\$ 86.85	\$ 90.89	\$ 82.08	\$ 90.63	\$ 93.57	\$ 93.82	\$ 87.05	\$ 85.08
2044	\$ 79.01	\$ 88.62	\$ 92.67	\$ 83.37	\$ 92.70	\$ 95.44	\$ 95.38	\$ 88.76	\$ 86.91
2045	\$ 81.72	\$ 90.73	\$ 95.51	\$ 86.02	\$ 95.36	\$ 97.62	\$ 98.13	\$ 91.52	\$ 89.07
2046	\$ 85.62	\$ 93.81	\$ 98.47	\$ 89.01	\$ 98.10	\$ 100.05	\$ 100.66	\$ 94.27	\$ 91.62
2047	\$ 88.58	\$ 96.63	\$ 101.83	\$ 91.55	\$ 101.46	\$ 103.24	\$ 103.67	\$ 97.60	\$ 94.55
Average 2023-2030	\$ 56.89	\$ 58.54	\$ 57.71	\$ 57.51	\$ 56.57	\$ 60.85	\$ 61.40	\$ 56.17	\$ 55.94

Average Energy Cost: Detailed Results

Cost of Non-fuel, Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Volatile Market scenario									
CY	VMA P1	VMA P2	VMA P3	VMA P4	VMA P5	VMA P6	VMA P7	VMA P8	VMA P9
2023	\$ 58.84	\$ 58.84	\$ 58.84	\$ 59.48	\$ 59.46	\$ 58.73	\$ 58.73	\$ 59.20	\$ 58.40
2024	\$ 55.12	\$ 55.12	\$ 55.12	\$ 55.13	\$ 54.51	\$ 52.94	\$ 52.94	\$ 56.70	\$ 54.91
2025	\$ 51.64	\$ 52.16	\$ 51.80	\$ 51.81	\$ 48.53	\$ 48.07	\$ 48.07	\$ 53.38	\$ 52.09
2026	\$ 50.93	\$ 56.64	\$ 53.08	\$ 52.68	\$ 48.00	\$ 52.63	\$ 52.63	\$ 53.46	\$ 52.72
2027	\$ 59.25	\$ 63.55	\$ 56.93	\$ 60.67	\$ 49.80	\$ 66.59	\$ 66.59	\$ 57.48	\$ 50.17
2028	\$ 64.49	\$ 69.79	\$ 67.12	\$ 66.19	\$ 68.78	\$ 78.56	\$ 80.27	\$ 68.66	\$ 62.56
2029	\$ 68.95	\$ 72.67	\$ 76.46	\$ 69.87	\$ 77.67	\$ 87.39	\$ 88.88	\$ 72.74	\$ 70.02
2030	\$ 69.60	\$ 74.60	\$ 85.29	\$ 69.02	\$ 85.47	\$ 103.85	\$ 105.69	\$ 75.56	\$ 74.15
2031	\$ 70.02	\$ 73.97	\$ 84.22	\$ 69.39	\$ 84.39	\$ 101.98	\$ 105.76	\$ 75.12	\$ 74.63
2032	\$ 72.97	\$ 74.10	\$ 85.25	\$ 70.87	\$ 85.16	\$ 101.47	\$ 106.74	\$ 76.38	\$ 73.68
2033	\$ 75.50	\$ 74.78	\$ 84.86	\$ 71.37	\$ 84.88	\$ 100.51	\$ 105.34	\$ 76.53	\$ 73.41
2034	\$ 75.75	\$ 74.73	\$ 84.44	\$ 71.20	\$ 84.49	\$ 99.45	\$ 102.26	\$ 77.15	\$ 73.41
2035	\$ 78.91	\$ 79.19	\$ 89.62	\$ 75.71	\$ 89.88	\$ 106.49	\$ 105.94	\$ 86.82	\$ 81.28
2036	\$ 82.92	\$ 82.90	\$ 93.33	\$ 79.48	\$ 93.59	\$ 106.15	\$ 108.72	\$ 89.82	\$ 84.82
2037	\$ 83.87	\$ 83.56	\$ 95.10	\$ 80.16	\$ 95.35	\$ 107.18	\$ 109.71	\$ 93.17	\$ 85.28
2038	\$ 85.01	\$ 84.98	\$ 97.10	\$ 81.91	\$ 96.71	\$ 107.73	\$ 110.49	\$ 94.99	\$ 87.45
2039	\$ 88.34	\$ 89.53	\$ 100.25	\$ 84.80	\$ 101.14	\$ 109.95	\$ 113.33	\$ 97.29	\$ 90.23
2040	\$ 88.35	\$ 92.80	\$ 105.29	\$ 88.40	\$ 106.00	\$ 115.21	\$ 120.67	\$ 101.06	\$ 94.89
2041	\$ 89.52	\$ 98.49	\$ 108.68	\$ 89.21	\$ 110.74	\$ 118.46	\$ 119.65	\$ 101.95	\$ 96.29
2042	\$ 91.45	\$ 105.53	\$ 111.04	\$ 91.28	\$ 112.97	\$ 122.16	\$ 121.56	\$ 105.43	\$ 99.97
2043	\$ 93.00	\$ 110.52	\$ 116.87	\$ 95.08	\$ 116.52	\$ 125.63	\$ 125.99	\$ 109.92	\$ 103.30
2044	\$ 95.98	\$ 114.93	\$ 120.06	\$ 98.86	\$ 119.91	\$ 127.21	\$ 127.08	\$ 113.14	\$ 105.92
2045	\$ 101.00	\$ 117.63	\$ 122.78	\$ 102.14	\$ 122.27	\$ 128.47	\$ 128.80	\$ 115.02	\$ 107.92
2046	\$ 102.14	\$ 119.28	\$ 124.18	\$ 103.38	\$ 123.97	\$ 129.75	\$ 130.87	\$ 115.59	\$ 109.12
2047	\$ 104.65	\$ 121.45	\$ 126.06	\$ 105.13	\$ 125.90	\$ 130.38	\$ 131.23	\$ 117.77	\$ 111.02
Average 2023-2030	\$ 59.85	\$ 62.92	\$ 63.08	\$ 60.60	\$ 61.53	\$ 68.59	\$ 69.23	\$ 62.15	\$ 59.38

Average Energy Cost: Detailed Results

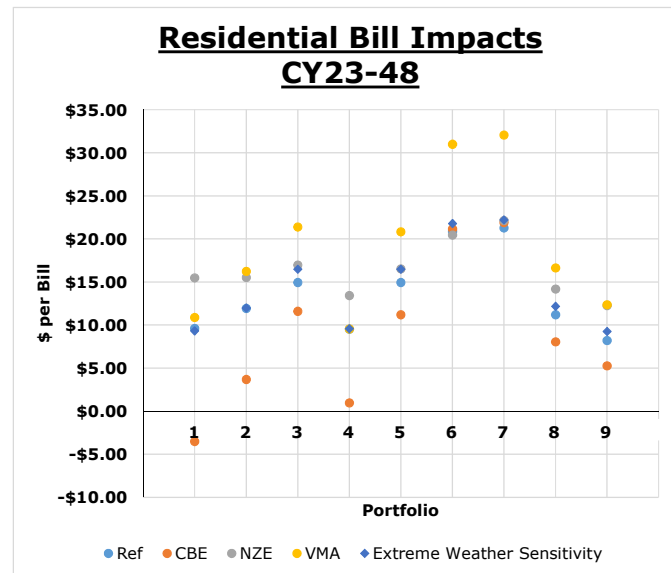
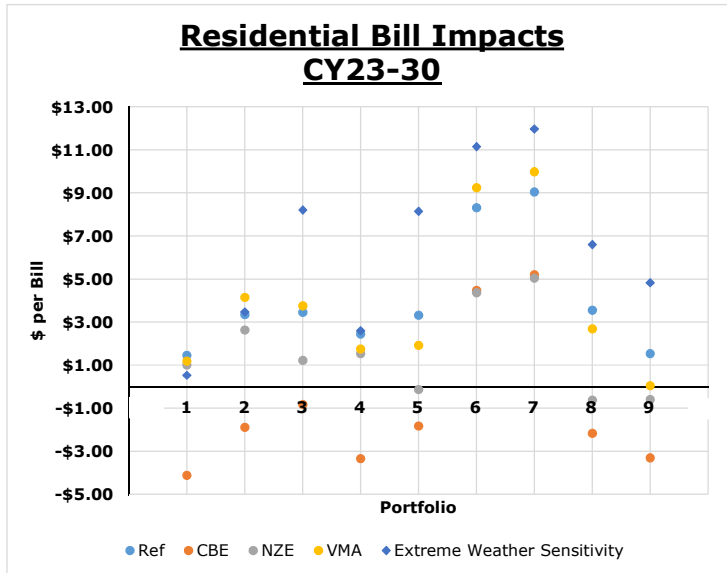
Cost of Non-fuel, Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Extreme Weather sensitivities									
CY	EXW P1	EXW P2	EXW P3	EXW P4	EXW P5	EXW P6	EXW P7	EXW P8	EXW P9
2023	\$ 56.61	\$ 56.61	\$ 56.61	\$ 56.77	\$ 56.75	\$ 56.92	\$ 56.92	\$ 56.29	\$ 56.33
2024	\$ 54.14	\$ 54.14	\$ 54.14	\$ 53.86	\$ 53.78	\$ 53.26	\$ 53.25	\$ 53.49	\$ 54.04
2025	\$ 52.70	\$ 52.84	\$ 52.76	\$ 52.55	\$ 52.00	\$ 52.21	\$ 52.21	\$ 51.99	\$ 52.99
2026	\$ 53.96	\$ 55.46	\$ 54.66	\$ 54.40	\$ 53.74	\$ 56.66	\$ 56.66	\$ 55.70	\$ 54.87
2027	\$ 59.13	\$ 62.25	\$ 59.29	\$ 60.04	\$ 58.64	\$ 64.90	\$ 64.90	\$ 59.90	\$ 58.21
2028	\$ 60.13	\$ 64.03	\$ 62.42	\$ 62.46	\$ 63.03	\$ 71.13	\$ 72.69	\$ 65.12	\$ 60.29
2029	\$ 62.96	\$ 65.80	\$ 68.33	\$ 66.03	\$ 69.19	\$ 77.16	\$ 78.73	\$ 69.88	\$ 64.05
2030	\$ 58.75	\$ 70.51	\$ 112.35	\$ 69.71	\$ 113.12	\$ 112.77	\$ 115.13	\$ 96.10	\$ 92.82
2031	\$ 65.64	\$ 69.27	\$ 76.25	\$ 68.60	\$ 76.49	\$ 89.39	\$ 92.69	\$ 73.15	\$ 69.07
2032	\$ 68.69	\$ 69.86	\$ 77.59	\$ 69.91	\$ 77.50	\$ 89.36	\$ 93.82	\$ 73.51	\$ 68.70
2033	\$ 71.94	\$ 71.34	\$ 78.93	\$ 71.02	\$ 78.88	\$ 90.00	\$ 94.35	\$ 74.25	\$ 69.71
2034	\$ 72.06	\$ 70.83	\$ 78.32	\$ 70.72	\$ 78.36	\$ 89.02	\$ 91.07	\$ 74.09	\$ 69.55
2035	\$ 74.67	\$ 73.77	\$ 81.47	\$ 73.52	\$ 81.65	\$ 93.80	\$ 92.58	\$ 79.90	\$ 75.20
2036	\$ 78.14	\$ 76.59	\$ 84.11	\$ 76.53	\$ 84.38	\$ 92.54	\$ 94.23	\$ 81.81	\$ 77.61
2037	\$ 78.94	\$ 77.01	\$ 84.97	\$ 76.98	\$ 85.27	\$ 92.43	\$ 93.84	\$ 82.31	\$ 76.95
2038	\$ 80.41	\$ 78.32	\$ 87.09	\$ 78.61	\$ 86.52	\$ 92.63	\$ 94.18	\$ 82.85	\$ 78.93
2039	\$ 83.42	\$ 82.01	\$ 89.19	\$ 81.51	\$ 89.94	\$ 93.72	\$ 95.60	\$ 84.57	\$ 81.03
2040	\$ 84.06	\$ 84.34	\$ 92.66	\$ 84.16	\$ 93.24	\$ 96.54	\$ 100.02	\$ 86.99	\$ 84.19
2041	\$ 85.25	\$ 88.24	\$ 94.79	\$ 85.09	\$ 96.36	\$ 98.01	\$ 97.75	\$ 87.63	\$ 84.96
2042	\$ 87.11	\$ 93.42	\$ 96.14	\$ 87.10	\$ 97.56	\$ 100.25	\$ 98.61	\$ 90.69	\$ 87.83
2043	\$ 88.27	\$ 96.81	\$ 98.82	\$ 89.85	\$ 98.73	\$ 100.75	\$ 99.62	\$ 91.88	\$ 89.22
2044	\$ 89.91	\$ 100.04	\$ 101.21	\$ 92.91	\$ 101.18	\$ 102.21	\$ 100.86	\$ 93.80	\$ 91.16
2045	\$ 93.71	\$ 102.14	\$ 102.96	\$ 95.63	\$ 102.72	\$ 102.96	\$ 101.93	\$ 95.26	\$ 92.56
2046	\$ 94.36	\$ 103.33	\$ 102.50	\$ 96.74	\$ 102.53	\$ 102.77	\$ 102.23	\$ 95.10	\$ 92.50
2047	\$ 96.24	\$ 105.31	\$ 103.53	\$ 97.95	\$ 103.58	\$ 103.12	\$ 102.69	\$ 96.24	\$ 93.45
Average 2023-2030	\$ 57.30	\$ 60.21	\$ 65.07	\$ 59.48	\$ 65.03	\$ 68.13	\$ 68.81	\$ 63.56	\$ 61.70

Average Energy Cost: Detailed Results

Cost of Non-fuel, Fuel and STEP (\$/MWh) for all portfolios by calendar year for the Enhanced STEP, Reduced STEP, and Build/Buy sensitivities						
CY	Enhanced STEP P4	Enhanced STEP P6	Reduced STEP P4	Reduced STEP P6	Build Buy P4	
2023	\$ 56.75	\$ 56.89	\$ 56.75	\$ 56.89	\$ 56.77	
2024	\$ 53.83	\$ 53.23	\$ 53.83	\$ 53.22	\$ 53.86	
2025	\$ 52.55	\$ 52.20	\$ 52.54	\$ 52.18	\$ 52.55	
2026	\$ 54.43	\$ 56.52	\$ 54.40	\$ 56.49	\$ 54.79	
2027	\$ 61.36	\$ 66.05	\$ 58.60	\$ 63.33	\$ 62.04	
2028	\$ 63.76	\$ 71.33	\$ 59.36	\$ 67.89	\$ 64.06	
2029	\$ 66.56	\$ 77.47	\$ 63.62	\$ 73.86	\$ 68.18	
2030	\$ 67.77	\$ 91.11	\$ 64.74	\$ 87.46	\$ 69.92	
2031	\$ 69.22	\$ 90.09	\$ 66.13	\$ 86.18	\$ 71.35	
2032	\$ 70.57	\$ 90.17	\$ 67.42	\$ 86.13	\$ 72.82	
2033	\$ 71.69	\$ 91.03	\$ 68.48	\$ 87.36	\$ 74.74	
2034	\$ 71.38	\$ 90.12	\$ 68.23	\$ 86.14	\$ 75.03	
2035	\$ 74.30	\$ 94.76	\$ 71.07	\$ 90.74	\$ 77.82	
2036	\$ 77.27	\$ 93.32	\$ 74.04	\$ 89.37	\$ 80.84	
2037	\$ 76.89	\$ 93.15	\$ 75.96	\$ 89.17	\$ 81.58	
2038	\$ 78.55	\$ 93.22	\$ 77.85	\$ 89.32	\$ 83.21	
2039	\$ 81.51	\$ 94.38	\$ 80.67	\$ 90.54	\$ 86.46	
2040	\$ 84.25	\$ 97.43	\$ 83.19	\$ 93.12	\$ 89.38	
2041	\$ 85.14	\$ 98.99	\$ 84.14	\$ 94.56	\$ 90.27	
2042	\$ 87.16	\$ 101.26	\$ 86.12	\$ 96.83	\$ 92.59	
2043	\$ 89.94	\$ 101.66	\$ 88.81	\$ 97.34	\$ 95.62	
2044	\$ 93.05	\$ 101.49	\$ 91.83	\$ 98.85	\$ 98.87	
2045	\$ 95.75	\$ 102.21	\$ 94.56	\$ 99.70	\$ 101.61	
2046	\$ 96.78	\$ 101.87	\$ 95.74	\$ 99.77	\$ 103.18	
2047	\$ 97.92	\$ 102.12	\$ 97.02	\$ 100.15	\$ 104.16	
Average 2023-2030	\$ 59.63	\$ 65.60	\$ 57.98	\$ 63.91	\$ 60.27	

Residential Bill Impacts: Summary

Residential Bill Impact	P1	P2	P3	P4	P5	P6	P7	P8	P9
Ref	\$1.46	\$3.34	\$3.46	\$2.45	\$3.32	\$8.32	\$9.05	\$3.55	\$1.54
CBE	-\$4.12	-\$1.89	-\$0.82	-\$3.34	-\$1.83	\$4.47	\$5.20	-\$2.16	-\$3.31
CY23-30 NZE	\$1.01	\$2.63	\$1.23	\$1.54	-\$0.13	\$4.37	\$5.04	-\$0.62	-\$0.59
VMA	\$1.19	\$4.15	\$3.75	\$1.75	\$1.92	\$9.24	\$9.98	\$2.68	\$0.05
Extreme Weather Sensitivity	\$0.53	\$3.47	\$8.21	\$2.60	\$8.14	\$11.15	\$11.97	\$6.60	\$4.83
Ref	\$9.62	\$11.93	\$14.95	\$9.52	\$14.94	\$20.87	\$21.27	\$11.20	\$8.19
CBE	-\$3.51	\$3.67	\$11.59	\$0.97	\$11.19	\$21.16	\$21.89	\$8.06	\$5.26
CY23-47 NZE	\$15.48	\$15.52	\$16.97	\$13.41	\$16.52	\$20.45	\$22.13	\$14.18	\$12.25
VMA	\$10.88	\$16.24	\$21.38	\$9.54	\$20.82	\$30.99	\$32.07	\$16.64	\$12.35
Extreme Weather Sensitivity	\$9.32	\$11.97	\$16.47	\$9.57	\$16.49	\$21.77	\$22.21	\$12.17	\$9.25



Residential Bill Impacts: Total \$/Bill

Residential Total \$/Bill for all portfolios by calendar year in the reference scenario										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	133.87	134.08	134.08	134.08	134.23	134.21	134.37	134.37	133.70	133.80
2024	135.19	135.25	135.25	135.25	135.02	134.92	134.32	134.32	134.59	135.16
2025	134.30	134.48	134.63	134.55	134.39	133.73	133.93	133.93	133.70	134.82
2026	139.94	140.03	141.55	140.69	140.56	139.75	142.65	142.65	141.64	140.94
2027	141.94	143.63	146.74	143.09	144.41	142.43	148.65	148.65	143.68	142.04
2028	144.97	147.46	151.34	148.86	149.56	149.53	157.46	159.33	151.72	146.78
2029	148.29	151.55	154.02	155.40	154.12	156.28	163.96	165.88	157.17	151.31
2030	150.23	153.91	157.91	164.46	156.03	164.44	179.90	181.98	160.91	156.19
2031	153.52	158.17	161.40	167.94	160.86	167.96	182.31	185.56	164.40	160.40
2032	156.07	162.78	163.56	170.48	163.35	170.15	183.67	187.73	166.27	161.41
2033	158.79	165.35	164.50	171.06	163.74	170.78	183.40	187.22	166.21	161.70
2034	160.54	167.46	166.30	172.76	165.77	172.59	184.67	185.92	168.37	163.83
2035	164.67	172.89	171.85	178.61	171.16	178.57	192.34	189.99	177.09	172.46
2036	166.43	176.11	174.23	180.82	173.74	180.90	190.45	191.15	178.50	174.38
2037	166.92	178.01	175.71	183.02	175.27	183.13	191.57	192.03	180.27	174.63
2038	168.01	180.15	177.52	186.02	177.43	184.91	192.21	192.85	181.29	177.46
2039	169.43	182.94	180.98	187.74	180.10	188.33	192.83	193.86	182.60	179.18
2040	170.01	184.57	184.18	192.39	183.70	192.80	196.45	199.42	186.00	183.49
2041	170.39	185.75	187.95	194.38	184.46	195.81	197.69	196.74	186.41	184.05
2042	170.51	187.34	192.97	195.26	186.22	196.56	199.50	197.09	189.10	186.55
2043	171.20	189.55	197.67	198.89	190.11	198.65	200.84	198.95	191.18	188.84
2044	172.37	192.19	201.97	202.20	194.25	202.02	203.17	201.06	194.02	191.68
2045	173.98	196.27	204.07	203.82	196.99	203.43	203.75	201.99	195.35	192.92
2046	175.35	197.62	206.18	203.89	199.02	203.77	204.11	202.85	195.71	193.39
2047	178.06	197.86	206.62	203.01	198.51	202.91	202.43	201.36	194.98	192.45

Residential Bill Impacts: Total \$/Bill

<u>Residential Total \$/Bill for all portfolios by calendar year in the Carbon Based Economy scenario</u>									
CY	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	132.73	132.73	132.73	132.57	132.54	133.22	133.22	132.54	132.48
2024	132.88	132.88	132.88	132.41	131.96	131.81	131.81	131.96	132.80
2025	131.90	132.25	132.05	131.63	129.99	130.69	130.69	130.05	132.32
2026	136.39	138.91	137.73	137.01	134.72	138.69	138.69	134.38	137.61
2027	136.96	139.70	137.00	137.61	133.93	143.19	143.19	134.18	133.81
2028	140.09	143.94	144.01	142.15	144.54	153.78	155.65	146.22	140.74
2029	141.24	144.69	147.94	143.52	148.77	157.32	159.25	148.71	143.30
2030	143.63	148.52	157.84	145.12	157.66	175.81	177.86	153.41	149.22
2031	147.09	151.44	160.78	149.10	160.60	178.02	181.47	156.75	153.31
2032	152.08	154.40	165.19	153.09	164.80	181.75	186.09	160.40	155.76
2033	154.43	155.51	165.59	153.75	165.24	181.19	185.40	160.54	156.17
2034	156.45	157.93	168.57	156.35	168.27	184.09	185.88	163.76	159.37
2035	160.04	162.88	174.15	161.35	174.00	192.02	189.99	173.35	168.85
2036	161.92	163.91	174.75	162.74	174.50	188.01	189.49	173.15	169.47
2037	164.17	166.35	178.72	165.56	178.48	191.82	193.09	176.95	171.74
2038	165.74	168.82	181.93	168.47	181.01	193.59	194.76	178.82	174.94
2039	166.80	171.14	183.64	170.01	184.04	194.41	196.42	179.99	176.44
2040	167.62	174.59	189.58	174.55	189.77	199.64	203.62	185.15	182.03
2041	166.44	177.18	192.06	174.44	193.13	201.57	201.45	185.39	182.57
2042	166.63	181.51	192.72	175.46	193.60	202.95	200.84	187.94	185.25
2043	169.04	187.62	198.20	180.51	197.62	206.76	205.25	192.07	189.20
2044	171.20	193.02	202.51	185.09	202.29	210.73	208.79	196.09	193.17
2045	174.21	194.88	204.77	188.11	204.31	211.48	209.94	198.04	194.99
2046	173.94	195.63	205.05	189.20	204.86	211.70	210.34	198.52	195.83
2047	173.58	196.42	204.39	189.41	204.25	209.86	208.99	198.03	195.19

Residential Bill Impacts: Total \$/Bill

Residential Total \$/Bill for all portfolios by calendar year in the Net Zero Economy scenario										
CY	P1	P2	P3	P4	P5	P6	P7	P8	P9	
2023	133.80	133.80	133.80	133.86	133.84	133.87	133.87	133.53	133.51	
2024	133.06	133.06	133.06	132.74	132.18	131.65	131.64	131.87	132.97	
2025	131.91	132.30	132.07	131.76	129.51	129.71	129.71	129.23	132.31	
2026	136.81	139.78	138.03	137.66	134.44	137.74	137.74	132.70	137.79	
2027	142.91	145.29	140.10	143.31	134.66	145.48	145.48	131.51	135.78	
2028	148.88	151.99	148.14	150.39	148.77	155.13	156.77	150.91	146.75	
2029	153.18	154.57	153.42	154.72	154.10	160.36	162.17	155.69	150.51	
2030	156.29	158.99	159.94	156.62	160.17	169.73	171.66	158.32	154.38	
2031	162.06	163.78	163.67	162.83	163.97	172.30	176.14	162.62	159.36	
2032	169.18	167.62	168.84	167.41	168.68	175.69	181.21	165.77	161.72	
2033	174.14	168.32	169.05	167.92	168.89	174.50	180.35	164.95	161.68	
2034	179.04	171.80	171.83	171.38	171.87	177.07	180.61	168.33	164.88	
2035	185.06	177.61	178.68	176.81	178.71	186.23	186.22	178.87	175.12	
2036	190.34	181.55	182.37	180.83	182.43	185.81	188.91	181.96	178.41	
2037	196.36	186.88	188.50	186.30	188.46	191.04	194.40	187.94	183.08	
2038	199.40	189.45	191.99	188.94	190.79	192.99	196.53	190.14	187.09	
2039	196.98	189.50	191.49	188.26	191.89	193.07	197.02	189.83	186.60	
2040	195.57	190.70	195.95	190.51	196.36	198.24	203.74	192.61	190.89	
2041	191.23	190.08	196.71	188.20	197.80	199.06	199.85	191.06	189.90	
2042	191.10	194.37	198.56	189.40	199.48	202.66	201.57	194.92	193.48	
2043	194.00	201.10	205.12	195.11	204.72	208.03	207.62	200.11	198.37	
2044	193.70	204.71	208.67	198.12	208.64	211.77	210.98	203.58	201.94	
2045	197.56	207.69	212.47	201.75	212.24	214.75	214.69	207.27	204.89	
2046	203.53	212.86	217.10	206.80	216.52	218.63	218.69	211.56	208.94	
2047	205.85	215.20	219.60	208.65	219.03	220.78	220.72	214.09	210.96	

Residential Bill Impacts: Total \$/Bill

<u>Residential Total \$/Bill for all portfolios by calendar year in the Volatile Market scenario</u>									
CY	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	135.54	135.54	135.54	136.17	136.14	135.43	135.43	135.83	135.12
2024	134.63	134.63	134.63	134.65	133.92	132.42	132.42	136.53	134.44
2025	131.20	131.76	131.38	131.42	127.63	127.20	127.20	133.26	131.69
2026	134.14	140.26	136.41	136.09	130.77	135.55	135.55	136.83	136.04
2027	141.00	145.09	137.62	142.21	129.66	147.47	147.47	138.28	130.25
2028	149.81	154.95	151.36	151.07	153.05	162.56	164.55	152.52	146.90
2029	155.50	158.69	161.11	155.59	162.32	171.66	173.45	156.73	155.05
2030	156.46	161.02	170.75	155.52	170.64	190.38	192.47	160.21	159.64
2031	160.39	163.76	173.36	159.24	173.26	192.08	195.68	163.07	163.61
2032	164.79	165.46	175.59	161.90	175.22	193.06	197.73	166.09	164.11
2033	166.55	165.68	174.48	161.72	174.23	191.28	195.34	165.56	163.16
2034	168.79	167.97	176.38	163.88	176.18	192.45	194.28	168.62	165.47
2035	174.69	174.96	184.12	170.87	184.13	202.19	200.41	181.18	176.09
2036	178.34	178.11	187.24	174.07	187.27	201.16	202.53	183.56	179.03
2037	180.24	179.71	190.17	175.69	190.17	203.22	204.59	188.32	180.22
2038	181.82	181.42	192.81	177.75	191.84	203.94	205.57	190.56	183.04
2039	184.70	185.47	195.33	180.16	196.00	205.42	207.71	192.13	185.21
2040	185.56	189.41	201.35	184.53	201.84	211.24	215.87	196.49	190.83
2041	186.59	194.68	204.41	185.04	206.22	214.07	214.43	196.93	191.91
2042	188.16	201.30	206.21	186.76	207.92	217.20	215.75	199.82	195.10
2043	190.75	207.50	212.81	191.59	212.28	221.42	220.93	205.31	199.25
2044	194.51	212.69	216.57	196.16	216.25	223.53	222.54	209.30	202.48
2045	199.55	215.18	218.92	199.20	218.25	224.37	223.86	210.75	204.12
2046	201.20	217.55	220.59	201.13	220.22	225.96	226.26	211.46	205.61
2047	202.06	218.14	220.36	201.13	220.04	224.43	224.59	211.71	205.41

Residential Bill Impacts: Total \$/Bill

<u>Residential Total \$/Bill for all portfolios by calendar year in the Extreme Weather sensitivity</u>										
CY	P1	P2	P3	P4	P5	P6	P7	P8	P9	
2023	134.08	134.08	134.08	134.23	134.21	134.37	134.37	133.70	133.80	
2024	135.25	135.25	135.25	135.02	134.92	134.32	134.32	134.59	135.16	
2025	134.48	134.63	134.55	134.39	133.73	133.93	133.93	133.70	134.82	
2026	140.03	141.55	140.69	140.56	139.75	142.65	142.65	141.64	140.94	
2027	143.63	146.74	143.09	144.41	142.43	148.65	148.65	143.68	142.04	
2028	147.46	151.34	148.86	149.56	149.53	157.46	159.33	151.72	146.78	
2029	151.55	154.02	155.40	154.12	156.28	163.96	165.88	157.17	151.31	
2030	146.52	158.90	202.49	157.24	203.01	202.58	205.40	185.33	182.51	
2031	158.17	161.40	167.94	160.86	167.96	182.31	185.56	164.40	160.40	
2032	162.78	163.56	170.48	163.35	170.15	183.67	187.73	166.27	161.41	
2033	165.35	164.50	171.06	163.74	170.78	183.40	187.22	166.21	161.70	
2034	167.46	166.30	172.76	165.77	172.59	184.67	185.92	168.37	163.83	
2035	172.89	171.85	178.61	171.16	178.57	192.34	189.99	177.09	172.46	
2036	176.11	174.23	180.82	173.74	180.90	190.45	191.15	178.50	174.38	
2037	178.01	175.71	183.02	175.27	183.13	191.57	192.03	180.27	174.63	
2038	180.15	177.52	186.02	177.43	184.91	192.21	192.85	181.29	177.46	
2039	182.94	180.98	187.74	180.10	188.33	192.83	193.86	182.60	179.18	
2040	184.57	184.18	192.39	183.70	192.80	196.45	199.42	186.00	183.49	
2041	185.75	187.95	194.38	184.46	195.81	197.69	196.74	186.41	184.05	
2042	187.34	192.97	195.26	186.22	196.56	199.50	197.09	189.10	186.55	
2043	189.55	197.67	198.89	190.11	198.65	200.84	198.95	191.18	188.84	
2044	192.19	201.97	202.20	194.25	202.02	203.17	201.06	194.02	191.68	
2045	196.27	204.07	203.82	196.99	203.43	203.75	201.99	195.35	192.92	
2046	197.62	206.18	203.89	199.02	203.77	204.11	202.85	195.71	193.39	
2047	197.86	206.62	203.01	198.51	202.91	202.43	201.36	194.98	192.45	

Residential Bill Impact

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Reference Scenario by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	133.87	0.21	0.21	0.21	0.37	0.34	0.50	0.50	-0.17	-0.07
2024	135.19	0.07	0.07	0.07	-0.16	-0.26	-0.86	-0.87	-0.59	-0.02
2025	134.30	0.18	0.33	0.25	0.09	-0.57	-0.37	-0.37	-0.60	0.51
2026	139.94	0.10	1.61	0.76	0.62	-0.19	2.72	2.72	1.70	1.01
2027	141.94	1.68	4.79	1.14	2.47	0.49	6.71	6.70	1.74	0.10
2028	144.97	2.48	6.36	3.87	4.58	4.55	12.48	14.36	6.74	1.80
2029	148.29	3.26	5.71	7.10	5.82	7.98	15.66	17.57	8.88	3.00
2030	150.23	3.68	7.67	14.24	5.81	14.21	29.68	31.75	10.68	5.96
2031	153.52	4.66	7.89	14.43	7.35	14.45	28.79	32.04	10.89	6.89
2032	156.07	6.71	7.49	14.40	7.28	14.08	27.60	31.65	10.19	5.34
2033	158.79	6.56	5.71	12.27	4.95	11.99	24.61	28.42	7.42	2.91
2034	160.54	6.93	5.77	12.23	5.24	12.06	24.12	25.39	7.83	3.29
2035	164.67	8.22	7.18	13.94	6.49	13.90	27.68	25.32	12.42	7.80
2036	166.43	9.68	7.79	14.39	7.31	14.47	24.02	24.72	12.06	7.95
2037	166.92	11.09	8.79	16.10	8.35	16.20	24.65	25.11	13.35	7.70
2038	168.01	12.15	9.51	18.01	9.42	16.89	24.19	24.84	13.29	9.46
2039	169.43	13.50	11.54	18.29	10.67	18.89	23.39	24.42	13.17	9.74
2040	170.01	14.56	14.16	22.38	13.68	22.79	26.44	29.41	15.99	13.48
2041	170.39	15.37	17.57	23.99	14.07	25.42	27.31	26.35	16.03	13.66
2042	170.51	16.83	22.46	24.76	15.71	26.05	28.99	26.58	18.60	16.04
2043	171.20	18.34	26.46	27.68	18.90	27.44	29.64	27.74	19.99	17.63
2044	172.37	19.82	29.60	29.83	21.89	29.65	30.80	28.69	21.65	19.31
2045	173.98	22.28	30.08	29.84	23.01	29.45	29.76	28.00	21.37	18.94
2046	175.35	22.27	30.83	28.53	23.66	28.42	28.76	27.50	20.35	18.04
2047	178.06	19.80	28.57	24.95	20.46	24.85	24.38	23.30	16.92	14.39
Average 2023-2030		1.46	3.34	3.46	2.45	3.32	8.32	9.05	3.55	1.54
Average 2023-2047		9.62	11.93	14.95	9.52	14.94	20.87	21.27	11.20	8.19

Residential Bill Impact

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Carbon Based Economy scenario by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	133.87	-1.14	-1.14	-1.14	-1.30	-1.33	-0.64	-0.64	-1.33	-1.38
2024	135.19	-2.30	-2.30	-2.30	-2.77	-3.21	-3.38	-3.38	-3.21	-2.39
2025	134.30	-2.40	-2.05	-2.25	-2.67	-4.31	-3.61	-3.61	-4.25	-1.99
2026	139.94	-3.55	-1.03	-2.22	-2.93	-5.22	-1.25	-1.25	-5.56	-2.33
2027	141.94	-4.98	-2.25	-4.95	-4.32	-8.01	1.24	1.24	-7.77	-8.14
2028	144.97	-4.89	-1.04	-0.98	-2.83	-0.44	8.81	10.67	1.24	-4.23
2029	148.29	-7.06	-3.60	-0.35	-4.78	0.47	9.02	10.95	0.41	-5.00
2030	150.23	-6.60	-1.71	7.61	-5.10	7.43	25.58	27.63	3.18	-1.01
2031	153.52	-6.42	-2.07	7.26	-4.41	7.10	24.51	27.97	3.23	-0.20
2032	156.07	-3.99	-1.67	9.10	-2.98	8.72	25.67	30.02	4.32	-0.31
2033	158.79	-4.36	-3.29	6.80	-5.05	6.45	22.40	26.61	1.75	-2.62
2034	160.54	-4.08	-2.60	8.03	-4.19	7.72	23.55	25.34	3.22	-1.16
2035	164.67	-4.64	-1.79	9.48	-3.32	9.34	27.36	25.32	8.69	4.19
2036	166.43	-4.51	-2.53	8.31	-3.70	8.07	21.58	23.06	6.71	3.04
2037	166.92	-2.76	-0.58	11.80	-1.37	11.56	24.90	26.16	10.03	4.82
2038	168.01	-2.27	0.81	13.91	0.45	12.99	25.58	26.74	10.82	6.92
2039	169.43	-2.64	1.71	14.21	0.58	14.60	24.97	26.99	10.55	7.01
2040	170.01	-2.40	4.58	19.57	4.52	19.75	29.63	33.60	15.14	12.01
2041	170.39	-3.94	6.79	21.68	4.05	22.74	31.18	31.08	15.01	12.18
2042	170.51	-3.88	11.00	22.21	4.95	23.09	32.44	30.33	17.44	14.74
2043	171.20	-2.17	16.42	26.99	9.30	26.42	35.55	34.05	20.87	17.99
2044	172.37	-1.17	20.65	30.14	12.72	29.92	38.36	36.42	23.72	20.80
2045	173.98	0.22	20.90	30.79	14.13	30.32	37.50	35.96	24.06	21.01
2046	175.35	-1.41	20.28	29.70	13.85	29.50	36.34	34.99	23.16	20.47
2047	178.06	-4.49	18.37	26.33	11.35	26.20	31.80	30.93	19.98	17.12
Average 2023-2030		-4.12	-1.89	-0.82	-3.34	-1.83	4.47	5.20	-2.16	-3.31
Average 2023-2047		-3.51	3.67	11.59	0.97	11.19	21.16	21.89	8.06	5.26

Residential Bill Impact

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Net Zero

Economy scenario by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	133.87	-0.07	-0.07	-0.07	-0.01	-0.03	0.01	0.02	-0.34	-0.35
2024	135.19	-2.12	-2.12	-2.12	-2.44	-3.00	-3.54	-3.54	-3.30	-2.22
2025	134.30	-2.38	-2.00	-2.23	-2.54	-4.79	-4.59	-4.59	-5.07	-2.00
2026	139.94	-3.12	-0.16	-1.92	-2.28	-5.50	-2.19	-2.19	-7.24	-2.15
2027	141.94	0.96	3.34	-1.85	1.36	-7.29	3.54	3.54	-10.44	-6.16
2028	144.97	3.90	7.01	3.16	5.40	3.79	10.14	11.79	5.93	1.77
2029	148.29	4.88	6.27	5.12	6.42	5.81	12.05	13.86	7.39	2.21
2030	150.23	6.06	8.77	9.71	6.39	9.94	19.50	21.43	8.09	4.16
2031	153.52	8.55	10.27	10.16	9.32	10.46	18.78	22.62	9.11	5.85
2032	156.07	13.09	11.54	12.76	11.34	12.59	19.61	25.14	9.70	5.64
2033	158.79	15.35	9.53	10.26	9.13	10.10	15.71	21.56	6.16	2.89
2034	160.54	18.51	11.27	11.29	10.84	11.33	16.53	20.07	7.79	4.35
2035	164.67	20.39	12.94	14.01	12.15	14.05	21.57	21.56	14.21	10.45
2036	166.43	23.91	15.12	15.94	14.39	16.00	19.38	22.47	15.53	11.98
2037	166.92	29.44	19.96	21.58	19.38	21.53	24.11	27.47	21.02	16.15
2038	168.01	31.39	21.44	23.98	20.93	22.77	24.98	28.52	22.13	19.08
2039	169.43	27.55	20.06	22.05	18.83	22.46	23.64	27.57	20.40	17.16
2040	170.01	25.56	20.69	25.94	20.49	26.34	28.21	33.72	22.60	20.88
2041	170.39	20.84	19.69	26.33	17.82	27.41	28.68	29.47	20.68	19.51
2042	170.51	20.59	23.87	28.06	18.89	28.97	32.15	31.07	24.41	22.98
2043	171.20	22.79	29.89	33.92	23.91	33.52	36.82	36.42	28.91	27.16
2044	172.37	21.33	32.34	36.30	25.75	36.27	39.40	38.61	31.21	29.57
2045	173.98	23.58	33.71	38.49	27.76	38.25	40.78	40.72	33.28	30.90
2046	175.35	28.17	37.51	41.75	31.45	41.16	43.28	43.33	36.21	33.58
2047	178.06	27.79	37.13	41.55	30.59	40.97	42.73	42.66	36.03	32.91
Average 2023-2030		1.01	2.63	1.23	1.54	-0.13	4.37	5.04	-0.62	-0.59
Average 2023-2047		15.48	15.52	16.97	13.41	16.52	20.45	22.13	14.18	12.25

Residential Bill Impact

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Volatile Market scenario by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	133.87	1.67	1.67	1.67	2.30	2.27	1.56	1.56	1.97	1.25
2024	135.19	-0.56	-0.56	-0.56	-0.52	-1.26	-2.75	-2.75	1.35	-0.74
2025	134.30	-3.10	-2.54	-2.92	-2.88	-6.68	-7.10	-7.10	-1.04	-2.61
2026	139.94	-5.80	0.32	-3.53	-3.85	-9.16	-4.39	-4.39	-3.10	-3.91
2027	141.94	-0.95	3.14	-4.33	0.27	-12.28	5.53	5.52	-3.66	-11.70
2028	144.97	4.82	9.98	6.37	6.10	8.07	17.58	19.58	7.54	1.92
2029	148.29	7.20	10.38	12.81	7.29	14.02	23.36	25.15	8.42	6.75
2030	150.23	6.23	10.79	20.52	5.29	20.41	40.15	42.25	9.98	9.40
2031	153.52	6.88	10.24	19.85	5.73	19.74	38.57	42.17	9.56	10.09
2032	156.07	8.72	9.38	19.51	5.82	19.14	36.99	41.66	10.01	8.04
2033	158.79	7.76	6.89	15.69	2.93	15.44	32.48	36.55	6.77	4.37
2034	160.54	8.26	7.44	15.85	3.35	15.65	31.90	33.74	8.08	4.93
2035	164.67	10.03	10.29	19.45	6.20	19.47	37.52	35.74	16.51	11.43
2036	166.43	11.91	11.68	20.81	7.64	20.84	34.72	36.10	17.13	12.60
2037	166.92	13.32	12.79	23.24	8.77	23.25	36.29	37.66	21.39	13.30
2038	168.01	13.81	13.41	24.79	9.73	23.83	35.92	37.56	22.54	15.03
2039	169.43	15.26	16.04	25.89	10.73	26.57	35.99	38.28	22.70	15.78
2040	170.01	15.55	19.39	31.33	14.52	31.82	41.22	45.86	26.48	20.82
2041	170.39	16.20	24.30	34.03	14.66	35.83	43.69	44.06	26.54	21.53
2042	170.51	17.65	30.80	35.70	16.25	37.41	46.70	45.24	29.31	24.59
2043	171.20	19.54	36.30	41.60	20.39	41.08	50.21	49.73	34.10	28.04
2044	172.37	22.14	40.32	44.20	23.79	43.89	51.16	50.17	36.93	30.11
2045	173.98	25.56	41.20	44.94	25.23	44.26	50.39	49.88	36.76	30.14
2046	175.35	25.83	42.20	45.23	25.78	44.87	50.61	50.90	36.10	30.26
2047	178.06	24.01	40.08	42.30	23.08	41.98	46.37	46.53	33.65	27.35
Average 2023-2030		1.19	4.15	3.75	1.75	1.92	9.24	9.98	2.68	0.05
Average 2023-2047		10.88	16.24	21.38	9.54	20.82	30.99	32.07	16.64	12.35

Residential Bill Impact

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Extreme Weather sensitivities by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	133.87	0.21	0.21	0.21	0.37	0.34	0.50	0.50	-0.17	-0.07
2024	135.19	0.07	0.07	0.07	-0.16	-0.26	-0.86	-0.87	-0.59	-0.02
2025	134.30	0.18	0.33	0.25	0.09	-0.57	-0.37	-0.37	-0.60	0.51
2026	139.94	0.10	1.61	0.76	0.62	-0.19	2.72	2.72	1.70	1.01
2027	141.94	1.68	4.79	1.14	2.47	0.49	6.71	6.70	1.74	0.10
2028	144.97	2.48	6.36	3.87	4.58	4.55	12.48	14.36	6.74	1.80
2029	148.29	3.26	5.71	7.10	5.82	7.98	15.66	17.57	8.88	3.00
2030	150.23	-3.72	8.67	52.26	7.02	52.79	52.35	55.16	35.11	32.28
2031	153.52	4.66	7.89	14.43	7.35	14.45	28.79	32.04	10.89	6.89
2032	156.07	6.71	7.49	14.40	7.28	14.08	27.60	31.65	10.19	5.34
2033	158.79	6.56	5.71	12.27	4.95	11.99	24.61	28.42	7.42	2.91
2034	160.54	6.93	5.77	12.23	5.24	12.06	24.12	25.39	7.83	3.29
2035	164.67	8.22	7.18	13.94	6.49	13.90	27.68	25.32	12.42	7.80
2036	166.43	9.68	7.79	14.39	7.31	14.47	24.02	24.72	12.06	7.95
2037	166.92	11.09	8.79	16.10	8.35	16.20	24.65	25.11	13.35	7.70
2038	168.01	12.15	9.51	18.01	9.42	16.89	24.19	24.84	13.29	9.46
2039	169.43	13.50	11.54	18.29	10.67	18.89	23.39	24.42	13.17	9.74
2040	170.01	14.56	14.16	22.38	13.68	22.79	26.44	29.41	15.99	13.48
2041	170.39	15.37	17.57	23.99	14.07	25.42	27.31	26.35	16.03	13.66
2042	170.51	16.83	22.46	24.76	15.71	26.05	28.99	26.58	18.60	16.04
2043	171.20	18.34	26.46	27.68	18.90	27.44	29.64	27.74	19.99	17.63
2044	172.37	19.82	29.60	29.83	21.89	29.65	30.80	28.69	21.65	19.31
2045	173.98	22.28	30.08	29.84	23.01	29.45	29.76	28.00	21.37	18.94
2046	175.35	22.27	30.83	28.53	23.66	28.42	28.76	27.50	20.35	18.04
2047	178.06	19.80	28.57	24.95	20.46	24.85	24.38	23.30	16.92	14.39
Average 2023-2030		0.53	3.47	8.21	2.60	8.14	11.15	11.97	6.60	4.83
Average 2023-2047		9.32	11.97	16.47	9.57	16.49	21.77	22.21	12.17	9.25

Residential Bill Impact

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Enhanced STEP, Reduced Step, & Build/Buy sensitivities, along with Reference Scenarios by calendar year

CY	Rate Model	Reference P4	Enhanced STEP P4	Reduced STEP P4	Build Buy P4	Reference P6	Enhanced STEP P6	Reduced STEP P6		
2023	133.87	0.37	0.46	0.47	0.37	0.50	0.60	0.61		
2024	135.19	-0.16	-0.10	-0.07	-0.16	-0.86	-0.81	-0.78		
2025	134.30	0.09	0.16	0.20	0.09	-0.37	-0.31	-0.28		
2026	139.94	0.62	0.65	0.74	1.02	2.72	2.59	2.68		
2027	141.94	2.47	3.68	1.11	3.98	6.71	7.75	5.24		
2028	144.97	4.58	5.50	1.67	5.58	12.48	12.25	9.49		
2029	148.29	5.82	5.50	4.10	7.21	15.66	15.15	12.99		
2030	150.23	5.81	5.23	4.38	7.43	29.68	28.92	27.80		
2031	153.52	7.35	6.49	6.27	8.99	28.79	27.76	27.18		
2032	156.07	7.28	6.15	6.52	9.08	27.60	26.32	26.37		
2033	158.79	4.95	3.54	4.48	7.21	24.61	23.20	24.37		
2034	160.54	5.24	3.58	5.09	7.78	24.12	22.18	23.99		
2035	164.67	6.49	4.63	6.74	9.06	27.68	25.15	27.86		
2036	166.43	7.31	5.08	7.85	9.94	24.02	21.08	24.31		
2037	166.92	8.35	4.94	11.00	11.18	24.65	21.41	25.15		
2038	168.01	9.42	5.82	12.69	12.32	24.19	20.64	24.91		
2039	169.43	10.67	6.86	14.16	13.80	23.39	19.72	24.52		
2040	170.01	13.68	9.71	17.34	17.02	26.44	22.71	27.63		
2041	170.39	14.07	9.91	17.97	17.42	27.31	23.47	28.72		
2042	170.51	15.71	11.49	19.79	19.27	28.99	25.13	30.69		
2043	171.20	18.90	14.64	23.06	22.63	29.64	25.71	31.37		
2044	172.37	21.89	17.62	26.04	25.70	30.80	25.27	32.54		
2045	173.98	23.01	18.73	27.15	26.88	29.76	24.28	31.49		
2046	175.35	23.66	19.38	27.79	27.76	28.76	23.26	30.59		
2047	178.06	20.46	16.17	24.52	24.31	24.38	18.93	26.10		
Average 2023-2030		2.45	2.64	1.58	3.19	8.32	8.27	7.22		
Average 2023-2047		9.52	7.43	10.84	11.83	20.87	18.49	21.02		

Commercial Bill Impacts: Small Commercial (PL)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Reference Scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	569.07	0.89	0.89	0.89	1.64	1.52	2.33	2.33	-0.75	-0.45
2024	585.82	0.28	0.28	0.28	-1.03	-1.46	-4.14	-4.15	-2.95	-0.20
2025	587.90	0.97	1.67	1.26	0.29	-2.56	-1.55	-1.55	-2.64	2.47
2026	625.49	0.60	8.21	4.08	2.95	-0.57	14.15	14.15	9.25	5.21
2027	647.87	7.69	23.82	7.56	12.22	4.19	36.55	36.56	10.69	2.03
2028	671.01	11.52	31.94	22.27	23.43	25.57	67.84	76.45	36.66	11.19
2029	691.75	15.10	29.57	41.31	30.61	45.90	87.61	96.41	49.81	18.96
2030	708.38	17.27	39.48	77.16	29.07	77.93	154.43	164.31	58.69	33.78
2031	730.44	22.04	41.00	77.96	37.59	78.92	150.53	168.25	60.60	38.71
2032	752.67	32.27	38.08	79.04	37.93	78.19	145.45	169.21	56.58	30.22
2033	774.88	32.23	28.54	69.01	26.10	68.36	132.15	155.42	42.82	17.77
2034	799.84	35.08	28.25	69.05	26.97	68.97	131.47	141.85	44.85	19.12
2035	838.73	42.80	37.33	80.62	35.24	81.33	154.41	145.58	71.57	44.41
2036	866.30	51.82	42.08	85.44	41.03	86.74	137.48	146.02	71.65	46.77
2037	885.98	60.92	48.56	96.06	47.70	97.62	143.27	150.37	79.70	46.55
2038	912.96	68.53	54.56	109.12	55.77	104.65	144.91	153.12	81.75	57.30
2039	942.57	78.44	68.44	114.01	64.63	118.58	144.10	154.78	83.40	60.79
2040	966.29	86.75	87.46	142.40	85.79	145.93	168.34	190.57	103.68	85.59
2041	986.68	93.80	112.74	156.90	90.84	167.29	178.89	175.94	107.07	89.51
2042	1005.76	105.31	147.89	166.02	103.39	175.65	194.74	182.04	127.04	107.76
2043	1027.27	117.20	176.90	189.76	126.66	188.87	203.47	194.10	139.35	121.10
2044	1052.94	129.35	202.02	208.80	149.42	208.30	215.97	204.93	153.89	135.30
2045	1081.82	148.24	209.32	213.47	160.32	211.45	213.35	204.48	155.36	135.87
2046	1109.89	151.55	218.33	209.44	167.68	209.41	211.40	206.04	152.28	133.20
2047	1148.20	137.32	206.45	189.43	148.56	189.51	185.95	181.47	132.03	111.11

Commercial Bill Impacts: Small Commercial (PL)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Carbon Based Economy scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	569.0652	-4.87	-4.87	-4.87	-5.71	-5.82	-2.49	-2.49	-5.82	-6.10
2024	585.8194	-10.07	-10.07	-10.07	-12.68	-14.58	-14.94	-14.94	-14.59	-10.49
2025	587.8984	-10.51	-8.91	-9.85	-12.15	-19.26	-15.63	-15.63	-18.94	-8.62
2026	625.4882	-16.11	-3.93	-9.51	-13.44	-23.48	-3.64	-3.64	-24.09	-10.12
2027	647.8715	-24.15	-9.59	-21.34	-20.28	-35.82	11.11	11.12	-33.86	-36.72
2028	671.0125	-24.80	-4.32	-1.70	-13.33	0.82	50.10	58.67	9.68	-18.49
2029	691.7467	-35.59	-16.20	4.95	-21.86	9.21	55.87	64.73	8.72	-19.97
2030	708.3847	-34.43	-7.59	43.85	-26.13	43.85	134.21	143.98	21.33	-0.95
2031	730.4434	-34.34	-9.67	41.40	-22.72	41.39	128.98	147.75	21.97	2.94
2032	752.6667	-23.42	-9.71	51.21	-15.78	50.04	135.22	160.59	26.18	0.93
2033	774.8837	-25.68	-19.23	39.83	-27.08	38.85	120.26	145.89	13.07	-11.36
2034	799.8381	-24.92	-17.30	46.06	-24.40	45.23	128.01	141.61	19.95	-4.97
2035	838.7345	-28.75	-12.40	56.03	-19.20	56.08	152.69	146.16	51.25	24.52
2036	866.2953	-29.28	-16.54	51.40	-21.49	50.81	124.25	137.73	41.91	19.26
2037	885.9844	-20.67	-6.47	70.94	-9.49	70.40	144.64	157.08	60.49	29.85
2038	912.9627	-19.05	1.76	84.19	1.25	80.83	152.79	164.82	66.81	41.99
2039	942.573	-22.13	7.43	88.88	1.87	92.13	154.22	171.81	67.79	44.12
2040	966.2854	-21.63	26.61	124.72	27.28	126.68	189.17	218.51	99.15	76.50
2041	986.6778	-31.60	43.91	142.89	25.93	150.90	205.73	208.79	102.02	80.66
2042	1005.762	-32.22	73.53	150.63	32.30	157.51	220.08	209.89	121.33	100.15
2043	1027.268	-22.22	110.34	186.63	61.62	183.41	245.92	239.69	147.21	124.41
2044	1052.944	-16.62	141.28	212.29	85.93	211.41	270.26	260.95	169.95	146.38
2045	1081.825	-8.21	145.84	221.98	97.60	219.31	270.56	263.79	176.42	151.53
2046	1109.886	-19.12	144.50	220.87	97.56	220.19	269.86	264.43	175.79	152.76
2047	1148.201	-41.62	133.79	203.69	82.39	203.39	245.15	242.65	158.61	134.39

Commercial Bill Impacts: Small Commercial (PL)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Net Zero Economy scenario by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	569.07	0.35	0.35	0.35	0.66	0.54	0.75	0.76	-0.75	-1.01
2024	585.82	-8.63	-8.63	-8.63	-10.41	-12.79	-15.26	-15.26	-14.10	-9.12
2025	587.90	-9.78	-8.04	-9.10	-10.83	-20.61	-19.54	-19.53	-21.73	-8.02
2026	625.49	-13.30	0.81	-7.40	-9.61	-23.91	-7.61	-7.61	-30.70	-8.55
2027	647.87	5.59	18.30	-5.40	8.24	-30.60	22.60	22.60	-44.64	-25.76
2028	671.01	18.46	34.91	18.49	27.29	21.64	55.90	63.47	32.31	10.84
2029	691.75	23.26	32.34	31.36	33.55	34.90	69.44	77.82	42.23	14.91
2030	708.38	29.33	45.06	54.61	32.09	56.43	104.71	113.96	45.55	24.48
2031	730.44	42.03	53.31	56.75	47.79	58.87	101.47	122.33	51.58	33.33
2032	752.67	65.68	59.41	71.38	59.16	71.07	106.43	138.05	54.20	31.67
2033	774.88	79.28	49.36	59.47	48.43	59.21	88.05	122.47	36.47	17.59
2034	799.84	98.72	59.02	65.51	57.82	66.26	94.01	117.07	45.31	24.90
2035	838.73	111.59	70.35	82.62	67.18	83.39	124.46	128.85	82.55	59.54
2036	866.30	134.38	84.91	95.92	82.03	96.78	115.14	137.54	92.23	70.19
2037	885.98	169.88	115.12	130.15	112.99	130.50	144.95	169.40	125.58	96.74
2038	912.96	186.14	127.60	146.86	125.71	141.54	154.29	180.33	135.78	115.73
2039	942.57	166.65	122.00	138.33	115.45	141.44	149.13	178.38	128.39	106.64
2040	966.29	157.70	129.59	165.85	129.30	168.94	182.59	221.55	146.55	132.32
2041	986.68	130.38	126.91	172.66	115.21	180.40	189.94	198.71	137.72	126.79
2042	1005.76	131.23	157.35	188.15	124.52	194.83	217.35	213.68	165.74	152.89
2043	1027.27	148.60	200.46	232.30	160.69	229.98	253.83	254.67	199.96	184.81
2044	1052.94	140.90	221.17	253.89	176.33	253.97	276.89	275.11	220.12	205.49
2045	1081.82	158.55	235.29	274.99	194.04	273.62	292.82	296.05	239.69	219.54
2046	1109.89	195.34	267.01	305.90	223.93	302.38	319.25	323.41	267.76	245.23
2047	1148.20	197.47	269.97	313.72	223.07	310.17	325.61	328.42	274.57	247.87

Commercial Bill Impacts: Small Commercial (PL)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Volatile Market scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	569.07	8.19	8.19	8.19	11.19	11.08	7.64	7.65	9.79	6.12
2024	585.82	-1.00	-1.00	-1.00	-0.94	-4.09	-11.59	-11.59	7.10	-1.97
2025	587.90	-12.29	-9.71	-11.49	-11.41	-27.98	-30.22	-30.22	-3.44	-10.06
2026	625.49	-24.47	4.28	-13.67	-15.58	-39.50	-16.45	-16.45	-11.75	-15.50
2027	647.87	-2.90	18.53	-16.04	4.03	-53.13	33.04	33.04	-13.09	-50.98
2028	671.01	23.27	50.15	35.21	31.34	43.77	93.40	102.57	42.57	12.02
2029	691.75	34.84	53.22	70.84	38.40	77.09	126.67	134.77	50.74	38.18
2030	708.38	29.95	55.34	109.58	26.42	110.08	207.81	217.77	57.69	51.59
2031	730.44	33.22	53.09	105.99	29.12	106.48	200.72	220.32	56.38	55.37
2032	752.67	42.70	48.01	105.92	30.29	104.98	194.27	221.44	57.65	44.36
2033	774.88	38.79	34.66	87.25	15.39	86.92	173.52	198.51	41.32	25.50
2034	799.84	42.58	37.26	88.94	16.84	88.83	173.62	187.64	47.88	28.09
2035	838.73	53.32	54.88	112.12	34.19	113.24	209.74	204.72	96.03	65.26
2036	866.30	65.07	64.63	123.32	43.74	124.49	199.63	212.75	102.61	74.24
2037	885.98	74.37	72.21	139.14	50.96	140.27	212.59	225.86	127.82	80.52
2038	912.96	79.08	78.33	151.19	58.56	147.88	216.94	231.98	138.07	92.04
2039	942.57	89.83	96.63	162.43	66.02	167.68	223.88	243.33	143.49	99.46
2040	966.29	93.55	121.20	200.70	92.09	204.88	264.49	298.28	172.45	133.56
2041	986.68	99.97	157.58	223.91	95.87	236.99	288.08	294.54	178.30	142.13
2042	1005.76	111.45	204.65	240.74	108.21	253.36	315.41	309.89	201.62	166.11
2043	1027.27	126.05	245.14	287.00	138.20	284.29	346.96	347.95	238.22	193.71
2044	1052.94	146.27	277.89	311.71	164.33	310.42	361.60	359.20	262.58	212.57
2045	1081.82	172.26	289.43	323.77	177.75	319.81	364.06	364.94	267.53	217.61
2046	1109.89	178.11	301.74	334.07	184.80	332.27	374.36	381.00	270.43	224.37
2047	1148.20	169.04	292.73	322.65	170.00	321.15	354.33	359.35	260.25	210.89

Commercial Bill Impacts: Small Commercial (PL)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Extreme Weather sensitivities by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	569.07	0.89	0.89	0.89	1.64	1.52	2.33	2.33	-0.75	-0.45
2024	585.82	0.28	0.28	0.28	-1.03	-1.46	-4.14	-4.15	-2.95	-0.20
2025	587.90	0.97	1.67	1.26	0.29	-2.56	-1.55	-1.55	-2.64	2.47
2026	625.49	0.60	8.21	4.08	2.95	-0.57	14.15	14.15	9.25	5.21
2027	647.87	7.69	23.82	7.56	12.22	4.19	36.55	36.56	10.69	2.03
2028	671.01	11.52	31.94	22.27	23.43	25.57	67.84	76.45	36.66	11.19
2029	691.75	15.10	29.57	41.31	30.61	45.90	87.61	96.41	49.81	18.96
2030	708.38	-11.51	53.38	283.62	47.77	287.44	285.40	298.91	193.86	176.71
2031	730.44	22.04	41.00	77.96	37.59	78.92	150.53	168.25	60.60	38.71
2032	752.67	32.27	38.08	79.04	37.93	78.19	145.45	169.21	56.58	30.22
2033	774.88	32.23	28.54	69.01	26.10	68.36	132.15	155.42	42.82	17.77
2034	799.84	35.08	28.25	69.05	26.97	68.97	131.47	141.85	44.85	19.12
2035	838.73	42.80	37.33	80.62	35.24	81.33	154.41	145.58	71.57	44.41
2036	866.30	51.82	42.08	85.44	41.03	86.74	137.48	146.02	71.65	46.77
2037	885.98	60.92	48.56	96.06	47.70	97.62	143.27	150.37	79.70	46.55
2038	912.96	68.53	54.56	109.12	55.77	104.65	144.91	153.12	81.75	57.30
2039	942.57	78.44	68.44	114.01	64.63	118.58	144.10	154.78	83.40	60.79
2040	966.29	86.75	87.46	142.40	85.79	145.93	168.34	190.57	103.68	85.59
2041	986.68	93.80	112.74	156.90	90.84	167.29	178.89	175.94	107.07	89.51
2042	1005.76	105.31	147.89	166.02	103.39	175.65	194.74	182.04	127.04	107.76
2043	1027.27	117.20	176.90	189.76	126.66	188.87	203.47	194.10	139.35	121.10
2044	1052.94	129.35	202.02	208.80	149.42	208.30	215.97	204.93	153.89	135.30
2045	1081.82	148.24	209.32	213.47	160.32	211.45	213.35	204.48	155.36	135.87
2046	1109.89	151.55	218.33	209.44	167.68	209.41	211.40	206.04	152.28	133.20
2047	1148.20	137.32	206.45	189.43	148.56	189.51	185.95	181.47	132.03	111.11

Commercial Bill Impacts: Small Commercial (PL)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Enhanced STEP, Reduced Step, & Build/Buy sensitivities, along with Reference Scenarios by calendar year									
CY	Rate Model	Reference P4	Enhanced STEP P4	Reduced STEP P4	Build Buy P4	Reference P6	Enhanced STEP P6	Reduced STEP P6	
2023	569.07	1.64	2.06	2.11	1.64	2.33	2.76	2.80	
2024	585.82	-1.03	-0.74	-0.64	-1.03	-4.14	-3.85	-3.76	
2025	587.90	0.29	0.60	0.80	0.29	-1.55	-1.32	-1.12	
2026	625.49	2.95	3.08	3.51	4.91	14.15	13.49	13.92	
2027	647.87	12.22	18.35	5.38	21.95	36.55	41.75	29.10	
2028	671.01	23.43	28.11	8.55	30.98	67.84	66.49	52.45	
2029	691.75	30.61	29.44	21.17	40.90	87.61	84.87	73.78	
2030	708.38	29.07	26.63	21.10	42.04	154.43	150.39	144.65	
2031	730.44	37.59	33.63	31.27	50.75	150.53	145.07	142.02	
2032	752.67	37.93	32.49	33.15	52.16	145.45	138.63	138.82	
2033	774.88	26.10	19.13	22.78	44.49	132.15	124.59	130.89	
2034	799.84	26.97	18.47	25.41	48.65	131.47	122.08	130.70	
2035	838.73	35.24	25.35	35.82	57.51	154.41	141.44	155.28	
2036	866.30	41.03	28.80	43.37	64.10	137.48	121.84	139.00	
2037	885.98	47.70	28.77	61.49	73.01	143.27	125.44	146.02	
2038	912.96	55.77	35.12	73.47	81.86	144.91	124.63	148.97	
2039	942.57	64.63	42.18	84.25	93.52	144.10	122.48	150.82	
2040	966.29	85.79	61.71	107.07	117.24	168.34	145.83	175.79	
2041	986.68	90.84	64.95	114.16	122.89	178.89	155.19	187.99	
2042	1005.76	103.39	76.49	128.48	138.10	194.74	170.22	205.96	
2043	1027.27	126.66	99.03	152.87	163.94	203.47	178.10	215.19	
2044	1052.94	149.42	121.21	176.17	188.78	215.97	178.92	227.95	
2045	1081.82	160.32	131.42	187.57	200.69	213.35	176.00	225.48	
2046	1109.89	167.68	138.20	195.37	211.91	211.40	173.14	224.56	
2047	1148.20	148.56	118.44	176.38	191.90	185.95	147.14	198.44	

Commercial Bill Impacts: Large Commercial (LLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Reference Scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	12860.78	19.77	19.77	19.77	39.46	36.85	58.71	58.60	-18.00	-16.15
2024	12821.79	6.36	6.36	6.36	-33.32	-42.53	-102.10	-102.20	-76.34	-7.15
2025	12683.53	24.89	41.88	32.02	1.57	-57.53	-31.39	-31.33	-56.92	58.80
2026	13305.50	18.09	203.66	108.08	66.69	-2.31	358.78	358.78	245.69	130.78
2027	13634.72	155.57	544.49	229.08	277.87	148.45	932.03	932.10	305.31	92.35
2028	13983.67	231.14	716.80	583.02	538.39	654.60	1674.44	1844.46	905.76	314.15
2029	14264.12	293.56	671.72	1067.51	709.45	1172.51	2177.91	2346.55	1241.55	526.19
2030	14463.48	330.76	866.74	1807.34	615.74	1850.08	3444.09	3639.59	1396.15	830.22
2031	14750.85	418.84	888.89	1771.37	798.26	1815.90	3287.70	3693.87	1424.23	920.29
2032	15069.35	606.97	777.11	1777.98	800.23	1783.55	3115.34	3688.48	1288.99	703.62
2033	15392.15	609.49	552.12	1554.90	544.23	1564.57	2820.80	3390.95	993.23	436.66
2034	15825.34	667.26	509.73	1517.22	525.55	1537.65	2765.64	3077.53	1001.28	434.51
2035	16565.03	817.01	711.63	1764.22	713.46	1802.55	3235.61	3162.55	1559.18	955.31
2036	17084.85	991.91	814.30	1865.70	837.51	1915.25	2876.53	3171.28	1565.58	1011.49
2037	17450.01	1168.60	939.39	2051.34	964.84	2107.40	2964.96	3225.10	1703.70	1008.79
2038	18012.10	1319.15	1074.95	2304.40	1143.81	2268.24	3017.03	3300.46	1757.99	1210.46
2039	18653.95	1519.38	1363.72	2416.56	1323.16	2535.25	3012.34	3347.18	1801.33	1290.61
2040	19160.17	1684.70	1780.56	3008.46	1780.53	3105.51	3559.30	4112.11	2238.78	1804.41
2041	19596.12	1830.90	2346.27	3340.23	1903.72	3587.05	3815.58	3834.17	2334.57	1908.66
2042	20005.52	2065.75	3096.06	3550.88	2162.40	3781.30	4173.33	3989.03	2775.91	2308.95
2043	20475.23	2306.73	3687.73	4074.78	2647.85	4074.69	4375.72	4264.58	3050.18	2604.97
2044	21047.09	2557.49	4222.76	4497.87	3126.21	4505.82	4660.09	4513.66	3371.99	2918.04
2045	21710.87	2937.08	4387.04	4621.37	3365.95	4595.34	4628.60	4526.79	3422.67	2949.89
2046	22369.36	3023.53	4579.15	4579.15	3519.29	4598.16	4630.33	4606.99	3399.66	2931.52
2047	23268.78	2748.16	4350.86	4221.39	3148.88	4242.86	4164.52	4152.91	3026.34	2520.06

Commercial Bill Impacts: Large Commercial (LLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Carbon Based Economy scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	12860.78	-110.45	-110.45	-110.45	-133.40	-135.72	-46.25	-46.16	-135.72	-143.45
2024	12821.79	-218.17	-218.17	-218.17	-294.53	-334.74	-330.77	-330.77	-334.80	-230.24
2025	12683.53	-221.66	-185.25	-207.05	-270.91	-418.27	-322.76	-322.76	-408.86	-179.25
2026	13305.50	-338.79	-57.92	-181.69	-287.99	-487.04	-8.74	-8.71	-468.37	-196.91
2027	13634.72	-534.06	-172.80	-390.72	-427.44	-699.08	401.55	401.61	-632.16	-728.21
2028	13983.67	-564.21	-70.52	56.92	-272.80	107.93	1298.36	1467.60	319.53	-332.87
2029	14264.12	-784.33	-300.08	303.21	-416.71	399.81	1529.54	1698.30	383.21	-288.01
2030	14463.48	-771.87	-133.57	1097.49	-571.63	1122.94	3024.31	3217.10	610.00	99.24
2031	14750.85	-769.22	-179.19	998.87	-485.85	1022.28	2839.97	3268.48	619.23	174.02
2032	15069.35	-566.52	-233.32	1183.45	-340.27	1182.00	2893.33	3504.27	652.96	89.52
2033	15392.15	-607.03	-452.05	938.21	-576.52	940.49	2567.15	3194.66	376.16	-170.55
2034	15825.34	-595.01	-446.99	1030.20	-555.58	1034.19	2684.76	3072.77	483.82	-67.46
2035	16565.03	-677.18	-322.59	1255.87	-420.10	1279.73	3201.82	3191.20	1146.44	545.33
2036	17084.85	-702.98	-399.66	1173.20	-458.44	1181.66	2618.34	3029.12	966.31	450.11
2037	17450.01	-548.41	-214.82	1528.35	-237.16	1538.82	2990.77	3379.46	1307.26	664.32
2038	18012.10	-535.80	-41.58	1774.80	-11.10	1759.87	3170.63	3550.47	1443.57	887.39
2039	18653.95	-611.67	77.13	1892.58	-4.07	1982.02	3234.02	3734.09	1488.00	946.12
2040	19160.17	-617.03	498.61	2639.24	538.35	2701.46	4012.45	4733.26	2164.76	1617.84
2041	19596.12	-817.21	922.32	3069.66	537.36	3265.89	4424.16	4583.12	2267.37	1740.58
2042	20005.52	-843.95	1567.73	3263.39	668.76	3435.59	4771.22	4650.33	2705.09	2173.90
2043	20475.23	-658.95	2313.87	4046.81	1268.92	3994.69	5334.49	5301.77	3263.53	2697.08
2044	21047.09	-561.87	2961.98	4604.07	1775.19	4602.47	5862.54	5765.72	3754.43	3171.81
2045	21710.87	-417.10	3067.39	4845.97	2027.86	4804.16	5911.86	5869.67	3922.76	3309.05
2046	22369.36	-631.37	3052.85	4899.47	2033.09	4902.55	5975.25	5966.69	3984.59	3400.61
2047	23268.78	-1108.73	2846.19	4629.34	1745.26	4640.96	5552.13	5592.92	3700.95	3099.72

Commercial Bill Impacts: Large Commercial (LLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Net Zero Economy scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	12860.78	32.22	32.22	32.22	39.73	37.37	43.07	43.19	9.44	-4.49
2024	12821.79	-163.32	-163.32	-163.32	-216.40	-266.41	-323.17	-323.13	-294.05	-177.11
2025	12683.53	-182.99	-144.52	-168.42	-217.45	-420.14	-390.83	-390.94	-439.56	-144.56
2026	13305.50	-250.55	67.05	-112.99	-177.20	-467.96	-82.61	-82.58	-574.44	-139.96
2027	13634.72	151.91	469.03	-9.92	232.22	-532.61	666.94	666.95	-805.16	-443.71
2028	13983.67	380.74	775.36	491.31	617.09	562.12	1401.20	1550.76	800.33	301.60
2029	14264.12	472.67	731.82	849.21	771.91	930.02	1777.72	1939.81	1072.25	437.20
2030	14463.48	591.42	988.21	1332.88	682.42	1390.00	2425.73	2610.13	1111.99	625.15
2031	14750.85	845.30	1154.10	1339.43	1019.43	1400.95	2305.27	2782.07	1235.73	804.28
2032	15069.35	1315.30	1232.91	1640.69	1251.50	1648.93	2362.58	3108.35	1243.94	730.32
2033	15392.15	1608.97	1005.52	1385.33	1018.44	1394.72	1977.22	2790.77	869.19	429.94
2034	15825.34	2019.45	1177.57	1484.82	1182.66	1514.57	2082.39	2667.95	1029.48	556.36
2035	16565.03	2280.70	1425.41	1847.33	1392.35	1879.08	2716.33	2924.20	1817.00	1280.36
2036	17084.85	2747.55	1734.67	2127.55	1706.88	2158.81	2517.02	3106.65	2016.34	1509.47
2037	17450.01	3483.08	2359.12	2814.55	2346.78	2837.00	3123.34	3754.88	2686.01	2074.77
2038	18012.10	3827.81	2636.45	3140.49	2627.24	3078.84	3331.93	3998.26	2910.23	2447.75
2039	18653.95	3407.50	2511.57	2956.11	2400.97	3036.12	3207.36	3946.11	2754.67	2253.49
2040	19160.17	3209.06	2685.94	3523.48	2703.17	3601.22	3932.72	4855.13	3165.23	2781.23
2041	19596.12	2628.11	2654.94	3686.94	2419.64	3867.84	4103.03	4378.46	2992.63	2679.08
2042	20005.52	2638.54	3299.05	4025.30	2609.64	4181.08	4692.63	4702.91	3596.66	3241.93
2043	20475.23	3001.45	4193.94	4983.01	3372.52	4942.65	5485.68	5592.54	4337.13	3933.61
2044	21047.09	2830.03	4636.33	5461.62	3702.20	5471.25	5989.77	6042.08	4780.37	4387.68
2045	21710.87	3185.11	4950.44	5943.29	4087.86	5920.74	6365.13	6524.54	5227.10	4714.81
2046	22369.36	3992.57	5635.50	6674.82	4728.02	6617.13	7018.51	7200.52	5901.52	5330.68
2047	23268.78	4077.11	5728.10	6950.05	4750.17	6891.00	7285.89	7426.93	6141.60	5476.17

Commercial Bill Impacts: Large Commercial (LLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Volatile Market scenario										
by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	12860.78	221.47	221.47	221.47	301.54	299.20	206.81	206.66	271.22	165.81
2024	12821.79	29.03	29.03	29.03	27.70	-38.38	-234.92	-234.95	196.61	1.65
2025	12683.53	-213.84	-156.34	-196.83	-198.45	-544.71	-604.10	-604.11	-33.75	-164.18
2026	13305.50	-453.62	183.48	-210.00	-265.30	-762.51	-231.44	-231.43	-170.12	-252.85
2027	13634.72	-12.82	511.36	-204.11	171.97	-979.10	922.57	922.51	-146.16	-952.19
2028	13983.67	493.25	1126.80	885.14	724.29	1077.28	2247.86	2428.68	1094.37	340.31
2029	14264.12	723.52	1195.98	1739.42	891.10	1881.54	3043.23	3195.63	1354.59	959.68
2030	14463.48	597.81	1210.61	2522.37	556.60	2563.28	4603.16	4799.59	1448.06	1224.46
2031	14750.85	650.57	1147.54	2375.70	613.62	2414.68	4358.56	4807.70	1406.03	1280.03
2032	15069.35	825.65	988.24	2351.65	638.07	2359.01	4141.91	4794.35	1366.90	1004.25
2033	15392.15	751.79	678.33	1940.76	319.84	1961.09	3680.68	4296.59	1012.68	598.55
2034	15825.34	831.16	696.84	1939.77	317.07	1963.47	3645.50	4047.82	1109.07	622.97
2035	16565.03	1048.59	1083.50	2443.65	705.85	2494.19	4404.80	4427.78	2114.69	1406.98
2036	17084.85	1281.80	1294.42	2688.44	915.04	2738.45	4199.70	4607.89	2264.84	1608.04
2037	17450.01	1460.31	1439.46	2983.66	1054.53	3033.86	4441.54	4851.61	2733.99	1748.55
2038	18012.10	1553.88	1580.31	3215.90	1225.61	3211.00	4561.78	5009.49	2952.18	1968.16
2039	18653.95	1772.25	1966.02	3471.11	1379.34	3608.50	4738.09	5279.82	3094.09	2136.99
2040	19160.17	1841.83	2504.93	4272.48	1938.91	4387.45	5642.44	6463.80	3742.48	2848.44
2041	19596.12	1978.72	3320.87	4799.81	2041.07	5110.40	6190.93	6429.20	3911.95	3058.76
2042	20005.52	2213.42	4331.15	5182.43	2296.35	5482.19	6804.34	6790.72	4437.84	3583.53
2043	20475.23	2510.40	5172.99	6206.89	2928.47	6170.37	7517.05	7645.88	5225.43	4196.42
2044	21047.09	2937.75	5878.67	6768.79	3486.65	6763.14	7872.32	7930.83	5754.54	4622.12
2045	21710.87	3470.21	6135.24	7063.59	3781.86	6998.28	7967.12	8095.00	5900.56	4758.28
2046	22369.36	3613.23	6402.58	7354.11	3931.77	7337.23	8254.56	8509.71	6043.95	4961.28
2047	23268.78	3450.43	6245.27	7224.92	3663.40	7214.33	7950.70	8153.48	5914.86	4776.94

Commercial Bill Impacts: Large Commercial (LLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Extreme Weather sensitivities by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	12860.78	19.77	19.77	19.77	39.46	36.85	58.71	58.60	-18.00	-16.15
2024	12821.79	6.36	6.36	6.36	-33.32	-42.53	-102.10	-102.20	-76.34	-7.15
2025	12683.53	24.89	41.88	32.02	1.57	-57.53	-31.39	-31.33	-56.92	58.80
2026	13305.50	18.09	203.66	108.08	66.69	-2.31	358.78	358.78	245.69	130.78
2027	13634.72	155.57	544.49	229.08	277.87	148.45	932.03	932.10	305.31	92.35
2028	13983.67	231.14	716.80	583.02	538.39	654.60	1674.44	1844.46	905.76	314.15
2029	14264.12	293.56	671.72	1067.51	709.45	1172.51	2177.91	2346.55	1241.55	526.19
2030	14463.48	-37.19	1423.04	6655.18	1382.15	6770.42	6731.86	7001.63	4638.47	4187.15
2031	14750.85	418.84	888.89	1771.37	798.26	1815.90	3287.70	3693.87	1424.23	920.29
2032	15069.35	606.97	777.11	1777.98	800.23	1783.55	3115.34	3688.48	1288.99	703.62
2033	15392.15	609.49	552.12	1554.90	544.23	1564.57	2820.80	3390.95	993.23	436.66
2034	15825.34	667.26	509.73	1517.22	525.55	1537.65	2765.64	3077.53	1001.28	434.51
2035	16565.03	817.01	711.63	1764.22	713.46	1802.55	3235.61	3162.55	1559.18	955.31
2036	17084.85	991.91	814.30	1865.70	837.51	1915.25	2876.53	3171.28	1565.58	1011.49
2037	17450.01	1168.60	939.39	2051.34	964.84	2107.40	2964.96	3225.10	1703.70	1008.79
2038	18012.10	1319.15	1074.95	2304.40	1143.81	2268.24	3017.03	3300.46	1757.99	1210.46
2039	18653.95	1519.38	1363.72	2416.56	1323.16	2535.25	3012.34	3347.18	1801.33	1290.61
2040	19160.17	1684.70	1780.56	3008.46	1780.53	3105.51	3559.30	4112.11	2238.78	1804.41
2041	19596.12	1830.90	2346.27	3340.23	1903.72	3587.05	3815.58	3834.17	2334.57	1908.66
2042	20005.52	2065.75	3096.06	3550.88	2162.40	3781.30	4173.33	3989.03	2775.91	2308.95
2043	20475.23	2306.73	3687.73	4074.78	2647.85	4074.69	4375.72	4264.58	3050.18	2604.97
2044	21047.09	2557.49	4222.76	4497.87	3126.21	4505.82	4660.09	4513.66	3371.99	2918.04
2045	21710.87	2937.08	4387.04	4621.37	3365.95	4595.34	4628.60	4526.79	3422.67	2949.89
2046	22369.36	3023.53	4579.15	4579.15	3519.29	4598.16	4630.33	4606.99	3399.66	2931.52
2047	23268.78	2748.16	4350.86	4221.39	3148.88	4242.86	4164.52	4152.91	3026.34	2520.06

Commercial Bill Impacts: Large Commercial (LLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Enhanced STEP, Reduced Step, & Build/Buy sensitivities, along with Reference Scenarios by calendar year									
CY	Rate Model	Reference P4	Enhanced STEP P4	Reduced STEP P4	Build Buy P4	Reference P6	Enhanced STEP P6	Reduced STEP P6	
2023	12860.78	39.46	49.89	51.17	39.46	58.71	69.12	70.35	
2024	12821.79	-33.32	-26.45	-24.04	-33.32	-102.10	-95.29	-92.90	
2025	12683.53	1.57	8.50	13.10	1.57	-31.39	-26.44	-21.88	
2026	13305.50	66.69	69.12	79.18	114.39	358.78	341.84	351.59	
2027	13634.72	277.87	419.97	118.05	565.76	932.03	1051.63	757.17	
2028	13983.67	538.39	646.32	195.80	782.81	1674.44	1639.57	1319.66	
2029	14264.12	709.45	697.13	480.13	1029.65	2177.91	2112.59	1861.73	
2030	14463.48	615.74	575.91	421.39	1032.76	3444.09	3351.57	3225.48	
2031	14750.85	798.26	726.38	641.95	1211.74	3287.70	3166.24	3098.18	
2032	15069.35	800.23	698.05	678.12	1233.10	3115.34	2966.68	2968.03	
2033	15392.15	544.23	410.60	453.98	1102.60	2820.80	2659.97	2794.68	
2034	15825.34	525.55	360.75	472.52	1189.45	2765.64	2600.16	2748.18	
2035	16565.03	713.46	518.99	704.99	1386.34	3235.61	2993.02	3250.29	
2036	17084.85	837.51	595.10	866.48	1525.91	2876.53	2579.31	2904.35	
2037	17450.01	964.84	596.21	1209.06	1715.50	2964.96	2621.68	3015.94	
2038	18012.10	1143.81	738.59	1465.29	1912.28	3017.03	2619.86	3095.49	
2039	18653.95	1323.16	879.73	1686.03	2171.48	3012.34	2587.12	3148.48	
2040	19160.17	1780.53	1300.98	2179.71	2700.76	3559.30	3113.17	3712.94	
2041	19596.12	1903.72	1385.70	2347.45	2838.58	3815.58	3344.05	4005.48	
2042	20005.52	2162.40	1622.75	2644.18	3174.38	4173.33	3683.10	4409.93	
2043	20475.23	2647.85	2093.12	3154.11	3736.28	4375.72	3868.11	4623.66	
2044	21047.09	3126.21	2558.23	3644.83	4282.10	4660.09	3904.10	4913.26	
2045	21710.87	3365.95	2782.01	3897.40	4549.00	4628.60	3864.13	4885.70	
2046	22369.36	3519.29	2921.94	4061.00	4831.62	4630.33	3844.29	4910.09	
2047	23268.78	3148.88	2535.28	3695.75	4451.67	4164.52	3361.42	4428.26	

Commercial Bill Impacts: Large Commercial (ELP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Reference Scenario by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	111892.11	173.82	173.82	173.82	363.19	340.42	553.76	552.58	-163.93	-176.70
2024	114375.09	59.51	59.51	59.51	-368.07	-450.73	-999.67	-1000.77	-766.62	-81.46
2025	114234.38	254.98	423.89	325.96	-12.65	-545.98	-278.46	-277.82	-526.56	579.57
2026	119342.71	199.57	2058.18	1128.13	641.26	38.18	3665.87	3665.78	2567.06	1330.15
2027	122458.70	1407.38	5315.96	2548.28	2705.00	1740.03	9631.52	9632.17	3316.92	1155.24
2028	126152.59	2106.76	7004.23	6158.23	5330.27	6843.65	17205.53	18738.28	9311.22	3419.15
2029	129034.52	2649.88	6685.89	11337.41	7138.99	12385.25	22711.92	24218.42	12963.84	5765.05
2030	131458.38	2996.89	8571.02	18511.58	5961.27	19080.00	34359.09	36170.51	14413.00	8711.08
2031	134596.17	3827.07	8841.14	18083.28	7843.76	18663.42	32837.60	37003.91	14798.37	9618.10
2032	137930.86	5570.93	7529.18	18217.30	7910.47	18408.92	31066.02	37148.95	13295.97	7340.36
2033	140370.85	5627.85	5183.06	16041.64	5366.76	16278.75	28217.26	34358.95	10407.16	4709.28
2034	144293.87	6211.50	4562.78	15477.65	4976.30	15813.35	27505.88	31167.92	10305.29	4514.64
2035	150969.59	7631.59	6640.54	17970.85	6934.56	18492.31	32130.96	32080.73	15841.52	9635.27
2036	155927.69	9316.45	7707.51	19038.40	8209.37	19665.46	28627.97	32260.05	15980.57	10265.18
2037	159131.63	11009.13	8901.11	20691.76	9416.02	21391.98	29351.30	32614.03	17195.41	10261.81
2038	163899.16	12420.39	10282.11	23025.21	11227.29	23009.43	29889.83	33374.79	17753.49	12096.84
2039	169329.39	14306.11	13085.46	24095.71	12917.89	25407.73	29789.08	33765.20	18158.54	12880.61
2040	173501.19	15844.72	17271.35	29851.50	17479.34	30945.73	35332.95	41308.47	22498.94	17881.32
2041	177060.63	17244.20	23026.56	33227.14	18762.17	35833.60	37997.36	38658.87	23546.39	19004.89
2042	180579.96	19508.47	30475.61	35401.26	21273.96	37839.88	41653.90	40323.56	28016.11	23043.56
2043	184880.34	21835.45	36209.66	40720.09	26044.49	40830.11	43767.15	43177.92	30816.98	26059.81
2044	190125.63	24257.47	41492.75	44989.84	30734.76	45176.77	46658.40	45721.60	34057.57	29207.63
2045	196075.50	27832.98	43083.29	46261.63	33091.34	46103.05	46391.13	45891.38	34605.02	29577.67
2046	202031.28	28723.81	44903.27	46015.46	34524.30	46319.49	46577.31	46880.96	34565.07	29569.34
2047	210428.29	26099.16	42693.52	42786.85	31006.03	43115.74	42327.45	42706.12	31147.77	25790.15

Commercial Bill Impacts: Large Commercial (ELP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Carbon Based Economy scenario by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	111892.11	-978.40	-978.40	-978.40	-1204.85	-1225.00	-351.93	-351.12	-1225.00	-1300.30
2024	114375.09	-1979.81	-1979.81	-1979.81	-2790.35	-3148.20	-3042.09	-3042.08	-3148.84	-2105.81
2025	114234.38	-2024.31	-1676.33	-1886.99	-2565.80	-3896.10	-2906.64	-2906.60	-3793.13	-1621.86
2026	119342.71	-3112.22	-382.13	-1557.86	-2678.01	-4433.29	330.93	331.22	-4070.40	-1713.09
2027	122458.70	-5114.32	-1429.64	-3276.70	-3972.62	-6162.63	4735.54	4736.16	-5387.83	-6493.88
2028	126152.59	-5556.57	-542.74	1081.92	-2520.72	1550.17	13652.72	15178.36	3689.10	-2798.27
2029	129034.52	-7673.32	-2612.11	4069.24	-3706.92	5029.75	16659.07	18160.37	4834.61	-1954.15
2030	131458.38	-7721.14	-1133.36	11613.08	-5641.19	12009.90	30343.57	32127.35	6832.60	1660.26
2031	134596.17	-7792.98	-1607.76	10515.70	-4793.01	10883.90	28496.98	32882.57	6977.88	2363.37
2032	137930.86	-6019.88	-2471.28	12298.38	-3405.99	12418.10	28835.78	35314.51	7038.69	1291.46
2033	140370.85	-6424.20	-4769.77	9909.48	-5759.53	10071.14	25681.03	32436.94	4342.90	-1277.42
2034	144293.87	-6341.81	-4943.00	10613.00	-5779.21	10781.88	26652.05	31122.49	5196.44	-448.75
2035	150969.59	-7176.14	-3581.56	12963.48	-4279.75	13338.38	31809.22	32464.69	11822.35	5604.89
2036	155927.69	-7538.42	-4299.06	12264.74	-4615.05	12472.90	26170.34	31033.78	10155.41	4764.72
2037	159131.63	-6161.58	-2617.08	15495.10	-2595.17	15729.82	29591.89	34235.89	13278.60	6858.62
2038	163899.16	-6147.21	-884.67	17714.92	-334.11	17898.81	31348.89	35890.57	14617.47	8869.66
2039	169329.39	-6939.64	295.25	18921.29	-298.80	19934.24	32041.02	37776.39	15136.71	9498.49
2040	173501.19	-7065.20	4573.79	26213.72	5116.89	26952.24	39906.93	47653.84	21892.00	16062.74
2041	177060.63	-8972.41	9101.28	30696.98	5260.31	32800.30	44270.06	46398.63	23112.87	17452.32
2042	180579.96	-9312.91	15600.59	32776.24	6538.95	34639.95	47939.19	47299.79	27609.39	21858.19
2043	184880.34	-7638.74	22802.57	40668.83	12366.33	40246.89	53622.41	53879.50	33207.51	27102.02
2044	190125.63	-6799.30	29157.24	46231.64	17317.02	46315.84	58876.59	58506.77	38093.83	31834.00
2045	196075.50	-5553.75	30187.38	48743.81	19809.60	48416.94	59494.92	59673.43	39864.57	33290.12
2046	202031.28	-7566.04	30067.78	49638.73	19857.43	49771.93	60474.27	61019.45	40848.67	34520.30
2047	210428.29	-12258.21	28087.48	47429.80	17178.31	47650.22	56776.25	57734.51	38448.50	32008.85

Commercial Bill Impacts: Large Commercial (ELP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Net Zero Economy scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	111892.11	423.02	423.02	423.02	493.55	473.30	528.87	530.03	232.55	64.86
2024	114375.09	-1341.12	-1341.12	-1341.12	-1908.65	-2353.06	-2887.24	-2886.91	-2598.69	-1484.95
2025	114234.38	-1528.90	-1164.72	-1393.23	-1918.43	-3748.00	-3440.66	-3441.77	-3901.56	-1168.73
2026	119342.71	-2124.59	919.30	-778.23	-1476.83	-4086.91	-288.28	-287.95	-4844.24	-1043.93
2027	122458.70	1616.87	4858.02	529.83	2509.12	-4276.71	7341.06	7341.07	-6671.00	-3529.79
2028	126152.59	3534.80	7531.13	5225.15	6055.74	5917.05	14505.01	15854.33	8236.64	3270.13
2029	129034.52	4397.95	7269.17	9206.15	7737.14	10012.58	18797.59	20256.90	11295.50	4893.79
2030	131458.38	5550.85	9766.32	13936.57	6623.18	14599.53	24702.86	26420.76	11629.14	6678.03
2031	134596.17	8028.97	11469.66	13946.84	10043.09	14649.47	23533.43	28415.20	12963.28	8467.15
2032	137930.86	12593.00	12068.38	17001.90	12390.72	17169.76	24034.74	31864.74	12880.23	7581.76
2033	140370.85	15598.04	9771.49	14549.88	10095.60	14733.10	20361.54	28970.13	9235.68	4625.31
2034	144293.87	19741.84	11329.11	15406.91	11560.11	15787.02	21337.76	27764.07	10697.24	5729.14
2035	150969.59	22302.09	13861.36	19045.11	13733.38	19453.26	27627.52	30390.05	18568.28	12910.88
2036	155927.69	26958.72	17011.20	21898.83	16930.72	22291.00	25699.37	32296.20	20588.48	15269.23
2037	159131.63	34283.40	23212.34	28597.40	23283.01	28913.61	31670.01	38684.08	27120.13	20980.81
2038	163899.16	37635.19	25996.78	31612.50	26087.04	31295.98	33729.45	41080.10	29333.98	24479.11
2039	169329.39	33241.08	24604.26	29616.57	23667.95	30497.33	32253.10	40319.22	27663.07	22429.27
2040	173501.19	31118.48	26345.84	35075.92	26654.38	35921.70	39465.11	49201.48	31813.72	27512.11
2041	177060.63	25281.21	26137.54	36742.47	23876.56	38636.30	41163.01	44420.36	30124.62	26532.97
2042	180579.96	25325.71	32503.54	40136.52	25705.18	41764.60	47038.44	47658.47	36157.82	32156.66
2043	184880.34	28897.27	41270.98	49767.64	33250.02	49418.14	55023.55	56606.65	43592.98	39107.88
2044	190125.63	27120.93	45634.74	54585.82	36474.65	54727.85	60057.50	61105.90	48038.91	43663.14
2045	196075.50	30458.57	48730.01	59438.00	40271.60	59253.54	63866.89	65978.93	52544.48	46978.81
2046	202031.28	38527.26	55472.23	66997.87	46549.11	66528.87	70749.49	73100.26	59575.19	53390.00
2047	210428.29	39504.02	56438.52	70214.12	46903.69	69728.86	74016.64	75887.64	62379.83	55238.66

Commercial Bill Impacts: Large Commercial (ELP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Volatile Market scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	111892.11	2165.91	2165.91	2165.91	2944.57	2924.31	2022.85	2021.43	2683.25	1622.81
2024	114375.09	566.62	566.62	566.62	539.16	-48.08	-2034.06	-2034.36	2040.27	280.76
2025	114234.38	-1674.15	-1130.04	-1518.48	-1553.16	-4697.41	-5315.27	-5315.33	-68.66	-1203.34
2026	119342.71	-3795.58	2253.39	-1458.34	-2059.09	-6589.14	-1430.63	-1430.50	-1094.52	-1879.36
2027	122458.70	171.17	5477.55	-1093.98	2120.72	-8256.77	9930.69	9930.10	-580.09	-8116.52
2028	126152.59	4658.70	11018.35	9174.96	7193.55	11054.24	22807.64	24436.66	11464.30	3716.55
2029	129034.52	6827.39	11831.73	18030.41	8973.12	19446.39	31203.56	32547.16	14595.95	10061.30
2030	131458.38	5574.22	11946.22	25600.52	5372.66	26175.09	45746.23	47563.90	15344.68	12626.55
2031	134596.17	6071.63	11393.82	24075.27	6001.85	24625.12	43389.35	47995.45	15037.56	13187.44
2032	137930.86	7724.55	9625.78	23925.79	6301.25	24156.53	41193.64	48103.48	14387.38	10324.30
2033	140370.85	7065.78	6418.88	19882.04	3148.28	20248.57	36679.35	43334.58	10910.03	6310.43
2034	144293.87	7879.64	6408.98	19703.75	2930.30	20096.67	36215.51	40860.10	11641.24	6388.46
2035	150969.59	9998.54	10359.37	24833.74	6945.37	25500.55	43801.62	44802.92	21617.61	14209.35
2036	155927.69	12278.74	12534.51	27407.89	9106.87	28059.23	41933.42	46800.48	23249.22	16333.53
2037	159131.63	13978.84	13916.58	30168.67	10438.90	30829.63	44223.24	49106.52	27604.64	17809.03
2038	163899.16	14836.18	15351.74	32270.71	12180.28	32607.22	45466.37	50711.97	29713.83	19811.43
2039	169329.39	16894.62	19119.37	34775.88	13635.64	36299.40	47199.44	53364.96	31160.98	21478.18
2040	173501.19	17482.77	24527.00	42583.61	19199.34	43881.61	56307.74	65090.69	37718.64	28420.53
2041	177060.63	18810.31	32838.33	47940.82	20304.55	51216.68	61924.48	64883.24	39592.83	30620.28
2042	180579.96	21075.71	42911.57	51860.67	22788.80	55022.52	68173.55	68647.17	44972.91	35904.25
2043	184880.34	23950.35	51168.79	62282.73	29038.78	62043.52	75506.77	77418.26	52857.27	42149.32
2044	190125.63	28152.81	58179.07	68017.53	34567.08	68088.65	79222.93	80444.77	58127.46	46482.00
2045	196075.50	33244.98	60663.82	71022.74	37476.50	70486.86	80248.06	82155.17	59694.84	47905.26
2046	202031.28	34700.43	63224.44	74186.96	38888.95	74146.46	83348.49	86542.36	61488.10	50175.27
2047	210428.29	33190.62	61736.34	73427.82	36429.24	73448.41	80895.24	83461.87	60600.14	48853.92

Commercial Bill Impacts: Large Commercial (ELP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Extreme Weather sensitivities by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	111892.11	173.82	173.82	173.82	363.19	340.42	553.76	552.58	-163.93	-176.70
2024	114375.09	59.51	59.51	59.51	-368.07	-450.73	-999.67	-1000.77	-766.62	-81.46
2025	114234.38	254.98	423.89	325.96	-12.65	-545.98	-278.46	-277.82	-526.56	579.57
2026	119342.71	199.57	2058.18	1128.13	641.26	38.18	3665.87	3665.78	2567.06	1330.15
2027	122458.70	1407.38	5315.96	2548.28	2705.00	1740.03	9631.52	9632.17	3316.92	1155.24
2028	126152.59	2106.76	7004.23	6158.23	5330.27	6843.65	17205.53	18738.28	9311.22	3419.15
2029	129034.52	2649.88	6685.89	11337.41	7138.99	12385.25	22711.92	24218.42	12963.84	5765.05
2030	131458.38	849.90	15489.80	68227.88	15550.74	69544.91	69198.12	71713.74	48025.85	43140.94
2031	134596.17	3827.07	8841.14	18083.28	7843.76	18663.42	32837.60	37003.91	14798.37	9618.10
2032	137930.86	5570.93	7529.18	18217.30	7910.47	18408.92	31066.02	37148.95	13295.97	7340.36
2033	140370.85	5627.85	5183.06	16041.64	5366.76	16278.75	28217.26	34358.95	10407.16	4709.28
2034	144293.87	6211.50	4562.78	15477.65	4976.30	15813.35	27505.88	31167.92	10305.29	4514.64
2035	150969.59	7631.59	6640.54	17970.85	6934.56	18492.31	32130.96	32080.73	15841.52	9635.27
2036	155927.69	9316.45	7707.51	19038.40	8209.37	19665.46	28627.97	32260.05	15980.57	10265.18
2037	159131.63	11009.13	8901.11	20691.76	9416.02	21391.98	29351.30	32614.03	17195.41	10261.81
2038	163899.16	12420.39	10282.11	23025.21	11227.29	23009.43	29889.83	33374.79	17753.49	12096.84
2039	169329.39	14306.11	13085.46	24095.71	12917.89	25407.73	29789.08	33765.20	18158.54	12880.61
2040	173501.19	15844.72	17271.35	29851.50	17479.34	30945.73	35332.95	41308.47	22498.94	17881.32
2041	177060.63	17244.20	23026.56	33227.14	18762.17	35833.60	37997.36	38658.87	23546.39	19004.89
2042	180579.96	19508.47	30475.61	35401.26	21273.96	37839.88	41653.90	40323.56	28016.11	23043.56
2043	184880.34	21835.45	36209.66	40720.09	26044.49	40830.11	43767.15	43177.92	30816.98	26059.81
2044	190125.63	24257.47	41492.75	44989.84	30734.76	45176.77	46658.40	45721.60	34057.57	29207.63
2045	196075.50	27832.98	43083.29	46261.63	33091.34	46103.05	46391.13	45891.38	34605.02	29577.67
2046	202031.28	28723.81	44903.27	46015.46	34524.30	46319.49	46577.31	46880.96	34565.07	29569.34
2047	210428.29	26099.16	42693.52	42786.85	31006.03	43115.74	42327.45	42706.12	31147.77	25790.15

Commercial Bill Impacts: Large Commercial (ELP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Enhanced STEP, Reduced Step, & Build/Buy sensitivities, along with Reference Scenarios by calendar year									
CY	Rate Model	Reference P4	Enhanced STEP P4	Reduced STEP P4	Build Buy P4	Reference P6	Enhanced STEP P6	Reduced STEP P6	
2023	111892.11	363.19	460.73	472.68	363.19	553.76	650.99	662.49	
2024	114375.09	-368.07	-302.19	-279.01	-368.07	-999.67	-934.33	-911.40	
2025	114234.38	-12.65	52.75	97.74	-12.65	-278.46	-232.76	-188.25	
2026	119342.71	641.26	662.01	759.55	1118.10	3665.87	3492.72	3587.02	
2027	122458.70	2705.00	4102.40	1125.50	5876.99	9631.52	10803.15	7899.44	
2028	126152.59	5330.27	6400.55	1934.08	8135.35	17205.53	16838.71	13685.10	
2029	129034.52	7138.99	7095.38	4775.76	10802.66	22711.92	22045.04	19554.68	
2030	131458.38	5961.27	5646.25	3930.60	10833.06	34359.09	33422.22	32173.94	
2031	134596.17	7843.76	7209.65	6178.09	12692.13	32837.60	31612.93	30924.09	
2032	137930.86	7910.47	6972.85	6578.84	12960.40	31066.02	29568.66	29567.79	
2033	140370.85	5366.76	4120.38	4348.14	11941.33	28217.26	26611.17	27960.66	
2034	144293.87	4976.30	3421.94	4328.50	12826.43	27505.88	26052.07	27323.96	
2035	150969.59	6934.56	5080.67	6724.48	14859.53	32130.96	29899.00	32255.63	
2036	155927.69	8209.37	5879.14	8376.66	16298.43	28627.97	25851.47	28881.96	
2037	159131.63	9416.02	5906.88	11583.22	18225.32	29351.30	26108.80	29820.31	
2038	163899.16	11227.29	7361.86	14128.18	20196.28	29889.83	26105.68	30630.66	
2039	169329.39	12917.89	8686.76	16223.15	22766.42	29789.08	25742.12	31108.39	
2040	173501.19	17479.34	12892.65	21143.91	28115.50	35332.95	31079.94	36836.18	
2041	177060.63	18762.17	13802.60	22867.90	29536.09	37997.36	33500.64	39864.83	
2042	180579.96	21273.96	16101.39	25757.28	32930.14	41653.90	36965.62	43993.44	
2043	184880.34	26044.49	20723.97	30775.40	38590.75	43767.15	38908.92	46221.92	
2044	190125.63	30734.76	25282.93	35589.46	44077.77	46658.40	39339.78	49161.59	
2045	196075.50	33091.34	27484.96	38073.75	46714.95	46391.13	38992.93	48933.60	
2046	202031.28	34524.30	28791.55	39603.82	49688.78	46577.31	38967.27	49343.30	
2047	210428.29	31006.03	25110.98	36138.17	46108.40	42327.45	34534.96	44919.06	

Commercial Bill Impacts: Large Commercial (SLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Reference Scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	560686.05	851.74	851.74	851.74	1953.04	1842.84	3111.97	3104.98	-864.83	-1233.42
2024	571383.46	314.30	314.30	314.30	-2522.41	-2919.83	-5721.35	-5728.31	-4578.05	-579.21
2025	554547.58	1502.41	2449.58	1901.09	-343.74	-2810.53	-1235.89	-1232.04	-2571.23	3200.97
2026	598403.66	1370.50	12428.00	7167.00	3548.88	839.31	22532.31	22531.73	16333.75	8116.59
2027	651851.40	7298.11	32160.28	18818.81	16278.27	13698.75	64073.64	64078.28	23735.52	9756.97
2028	701397.71	11504.14	44093.78	44113.95	34360.24	48264.79	118091.69	126249.01	63954.65	25573.86
2029	749870.00	14719.78	45300.59	85285.70	49293.00	92417.16	166186.63	174348.22	95047.11	45336.34
2030	799288.56	17375.37	59687.14	137069.32	39885.48	142886.99	243116.45	254174.90	108113.68	67060.07
2031	845832.92	23189.16	63837.80	136667.33	55377.19	142655.37	238905.65	270646.89	115148.33	75541.50
2032	879218.49	34309.57	52157.49	139893.89	56972.80	143123.11	227400.45	276863.44	103263.83	58080.58
2033	901689.94	35821.46	34153.21	125154.34	38833.66	128686.17	209314.31	260409.91	83156.36	39243.08
2034	922478.91	40015.91	26911.99	118145.82	33201.04	122290.47	201173.04	235095.77	79793.86	35481.26
2035	957167.31	49152.52	42679.34	135587.48	48257.49	141119.10	232321.18	240409.58	119024.62	71527.67
2036	980883.73	59973.43	50390.54	142374.41	57334.67	148526.89	205354.40	240033.45	119563.87	76085.31
2037	992203.84	70709.95	57831.22	150509.80	64684.96	157226.02	206805.06	238225.12	125201.57	75681.31
2038	1009631.02	79019.35	67457.02	163335.15	77236.09	167353.38	208973.60	241499.10	128185.14	85836.99
2039	1031315.70	90378.86	85723.18	168959.88	87337.22	179673.35	205970.64	241357.45	129650.98	90459.63
2040	1042579.85	98915.22	114256.98	205439.01	118108.59	214494.80	243346.51	290165.63	158145.72	122793.47
2041	1052462.63	107102.49	154211.94	227685.23	126565.67	247272.31	260848.94	270821.73	165038.05	130439.52
2042	1060667.39	120394.04	202766.96	240650.59	141416.15	258818.63	283684.08	280345.25	194285.64	156915.55
2043	1075719.23	133784.17	237108.09	274665.24	171056.97	276638.49	295658.67	297471.38	211594.63	176086.92
2044	1093882.20	147206.54	268390.70	299837.10	198989.01	302256.22	311459.54	310982.53	230575.69	194874.21
2045	1117716.04	166921.95	275540.83	305485.43	212028.80	305535.67	306954.84	309242.22	232198.96	195831.86
2046	1138671.11	170864.75	282778.75	301833.99	217569.25	305022.34	306021.80	313704.91	230978.74	195128.77
2047	1175625.29	153263.82	265884.67	281046.10	194242.61	284357.53	279239.92	286864.03	209496.34	171964.73

Commercial Bill Impacts: Large Commercial (SLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Carbon Based Economy scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	560686.05	-4875.19	-4875.19	-4875.19	-6247.58	-6342.12	-1148.43	-1143.56	-6342.12	-6790.09
2024	571383.46	-9778.34	-9778.34	-9778.34	-15042.41	-16734.75	-15458.45	-15458.34	-16738.84	-10576.99
2025	554547.58	-9614.06	-7797.42	-8920.95	-13151.11	-19306.42	-13372.80	-13372.57	-18638.46	-7542.29
2026	598403.66	-15710.23	-297.35	-6653.56	-13871.29	-21934.88	6146.39	6148.28	-18019.40	-7605.29
2027	651851.40	-29851.30	-5839.76	-13951.03	-21843.52	-30050.09	37546.51	37551.02	-24036.00	-32565.31
2028	701397.71	-35482.27	-1720.37	12904.46	-14187.20	15502.13	97139.36	105258.64	29793.37	-12349.19
2029	749870.00	-50404.68	-13243.21	40072.78	-19874.29	46569.78	129938.20	137989.69	44891.73	-2389.65
2030	799288.56	-54894.82	-5499.29	90574.47	-39136.23	95190.71	216882.23	227738.94	57796.74	20225.52
2031	845832.92	-58134.29	-9320.90	83543.69	-34091.89	87977.76	209041.40	242327.55	61123.58	25359.56
2032	879218.49	-49041.16	-20031.15	96697.95	-25105.31	99374.77	210856.07	263468.91	58603.55	14808.76
2033	901689.94	-52100.53	-38512.21	80129.27	-42627.86	83083.16	190514.67	246676.51	39541.58	-4062.22
2034	922478.91	-51788.92	-42494.35	82300.38	-45501.91	85181.37	194298.96	234788.69	42907.39	-449.57
2035	957167.31	-57537.21	-30628.48	99892.14	-32296.21	104329.16	230168.62	244430.82	90959.75	42898.76
2036	980883.73	-60768.83	-34808.37	95245.92	-33753.99	98268.96	189108.04	233565.23	79494.39	37697.91
2037	992203.84	-52398.86	-24454.93	113658.16	-21319.46	116920.20	208316.55	250804.24	97699.04	51787.63
2038	1009631.02	-53092.86	-11883.40	125442.99	-5038.73	130727.88	218418.62	259558.15	106006.47	62955.86
2039	1031315.70	-58559.52	-3509.51	133268.78	-5136.05	141796.85	222250.58	271288.31	109668.17	67364.14
2040	1042579.85	-59576.87	27134.03	180703.58	32601.70	187194.57	275724.40	335949.60	155449.95	110657.75
2041	1052462.63	-71109.35	61526.00	212190.12	35074.21	228330.21	306328.98	327163.33	164750.77	121163.76
2042	1060667.39	-73419.71	105721.26	225520.18	43006.90	239841.72	330060.30	332079.60	194886.73	150668.94
2043	1075719.23	-63221.67	150251.27	276852.15	79924.98	275103.57	365175.80	373393.58	230589.71	184469.14
2044	1093882.20	-58193.87	189186.89	310074.37	110612.39	311730.56	394971.47	399044.70	259779.11	213340.48
2045	1117716.04	-51502.48	193763.94	324391.99	125540.05	323219.32	396259.54	403901.17	269657.21	221607.17
2046	1138671.11	-62545.11	190775.91	329876.85	124194.90	331831.38	401216.24	411467.16	276484.81	230111.13
2047	1175625.29	-91080.16	176619.10	316801.98	107545.80	319312.35	378125.02	390058.59	262244.28	216367.46

Commercial Bill Impacts: Large Commercial (SLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Net Zero Economy scenario by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	560686.05	3550.05	3550.05	3550.05	3944.33	3849.12	4179.70	4186.59	2720.66	1419.37
2024	571383.46	-5111.68	-5111.68	-5111.68	-8835.50	-10930.08	-13773.48	-13771.46	-12087.76	-6023.41
2025	554547.58	-5762.81	-3897.83	-5089.87	-8399.85	-16863.23	-14985.33	-14992.05	-17342.07	-3953.96
2026	598403.66	-8797.43	7942.83	-1101.54	-5811.56	-18323.87	3668.56	3670.72	-19743.08	-2638.11
2027	651851.40	11241.56	32432.56	10046.22	17820.56	-15795.87	53466.18	53466.33	-27369.79	-12597.75
2028	701397.71	20102.32	46886.03	37810.96	38421.94	42166.58	100736.51	107932.05	56675.32	24330.65
2029	749870.00	26151.21	49075.69	71339.11	53066.87	76828.29	140483.82	148540.48	83941.20	39605.34
2030	799288.56	34858.60	67936.96	106700.64	44525.81	112569.63	181156.33	191771.63	89061.44	52835.15
2031	845832.92	53008.32	82694.75	108893.01	71251.80	115156.93	177854.03	214930.72	102419.58	67269.83
2032	879218.49	85155.69	85303.96	133060.34	89501.61	135439.31	182313.48	244908.02	100670.12	59513.04
2033	901689.94	109429.16	68858.54	116671.49	73724.85	119158.57	158402.05	228203.24	75342.11	38409.05
2034	922478.91	140019.07	77983.09	120834.19	81972.84	124688.48	164055.04	218736.67	84081.56	44396.57
2035	957167.31	156920.48	96550.26	146469.65	98131.61	150583.79	207935.57	236649.19	140824.29	95809.41
2036	980883.73	188620.68	118904.31	166034.37	120749.77	169847.39	192363.09	248679.63	154122.24	112573.69
2037	992203.84	239138.99	161815.45	210508.41	164677.81	213889.02	232351.22	291119.87	197588.46	153247.82
2038	1009631.02	259664.87	180276.57	227039.22	183096.60	228374.71	244496.00	304920.67	211141.39	173907.67
2039	1031315.70	224428.17	167358.04	209332.70	162753.61	216485.48	229366.19	294169.48	196282.58	156797.82
2040	1042579.85	205752.31	177763.82	242719.30	181486.38	249404.83	276743.72	350532.26	223668.53	188354.70
2041	1052462.63	163393.78	175991.68	252532.34	161408.25	266585.53	286036.64	314266.74	210481.41	180474.50
2042	1060667.39	161138.80	216599.67	272901.66	171226.78	284812.45	322618.16	332654.87	249170.04	216744.69
2043	1075719.23	182742.85	271276.48	335374.74	219257.85	333614.94	373409.16	389806.38	296830.79	261553.53
2044	1093882.20	167791.10	296051.93	363311.50	237008.52	364756.33	401839.94	414563.33	322598.41	288543.10
2045	1117716.04	185795.97	312902.29	391885.97	258944.34	391112.35	423350.02	442850.37	349333.29	307874.44
2046	1138671.11	235863.56	351615.39	438653.90	295159.28	436748.23	466413.20	487350.20	393646.74	348329.34
2047	1175625.29	240640.06	353949.13	458824.77	295224.17	456808.60	487926.51	504785.82	411090.12	360078.94

Commercial Bill Impacts: Large Commercial (SLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Volatile Market scenario by calendar year

CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	560686.05	12932.12	12932.12	12932.12	17539.01	17443.72	12081.09	12072.63	16313.77	9701.31
2024	571383.46	6049.91	6049.91	6049.91	5749.29	2981.57	-8998.03	-8999.90	12824.20	4237.97
2025	554547.58	-5014.86	-2230.20	-4271.16	-4645.50	-19389.02	-23118.64	-23119.04	2197.73	-2595.70
2026	598403.66	-15116.03	17557.26	-2236.18	-6278.92	-28738.18	349.09	349.94	-427.25	-4659.78
2027	651851.40	4270.82	38431.50	3191.53	17651.85	-35735.86	70157.92	70153.59	5734.87	-36223.83
2028	701397.71	27461.00	69453.89	63852.11	46631.30	75703.21	153344.95	162003.04	81101.28	27931.11
2029	749870.00	41810.54	79307.33	130696.89	62031.63	140307.21	222281.75	229325.21	112134.15	74227.03
2030	799288.56	34513.43	82868.93	186667.73	35737.50	192837.14	321461.47	332526.31	119941.26	94541.18
2031	845832.92	38605.27	82007.81	179684.72	42006.65	185782.94	313792.26	348873.16	122387.43	101200.58
2032	879218.49	49710.87	67386.24	181517.31	45297.72	185318.27	300066.13	356068.17	115475.17	79735.77
2033	901689.94	46671.61	42983.43	153396.57	22706.62	158176.10	270324.06	325932.46	90781.98	50889.80
2034	922478.91	52700.21	40226.49	149357.34	18586.86	154234.13	264350.13	306520.42	92927.89	49179.15
2035	957167.31	67108.32	69893.66	186659.06	49417.27	193544.48	317458.55	334373.18	164038.66	105712.18
2036	980883.73	82175.66	85617.85	204650.02	65327.37	211219.94	302488.61	347334.79	175524.14	121236.15
2037	992203.84	92638.45	93967.43	220318.13	73547.99	226987.84	314714.04	359224.90	201118.87	131605.37
2038	1009631.02	96998.20	103660.87	230569.25	85617.83	237564.85	321162.19	367602.73	213365.39	142281.57
2039	1031315.70	109320.33	128365.65	245794.25	94225.29	258285.30	330441.73	382668.93	222147.24	152608.05
2040	1042579.85	111104.91	164982.15	295268.65	131670.92	306027.64	391235.95	459035.23	266365.42	197413.16
2041	1052462.63	118926.13	222780.72	330729.34	139144.88	355302.38	428210.62	455204.85	279051.64	212025.92
2042	1060667.39	132115.37	288681.11	354713.43	153731.42	378157.33	467213.41	477286.66	313917.27	246066.41
2043	1075719.23	148932.92	339304.14	422950.83	193363.41	422733.27	513607.17	533427.08	363620.30	286677.17
2044	1093882.20	174170.53	380942.15	456723.46	227008.83	458591.11	533229.97	548326.89	393595.30	312505.41
2045	1117716.04	203469.12	392497.22	472367.28	243370.29	470097.79	535229.38	554568.09	400947.52	319277.45
2046	1138671.11	210604.80	402930.40	489648.29	248521.55	490746.99	550938.06	578547.37	411287.67	332501.23
2047	1175625.29	199568.68	389327.55	484360.06	232020.28	485820.49	534560.14	556711.10	404767.53	325412.72

Commercial Bill Impacts: Large Commercial (SLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Extreme Weather sensitivities by calendar year										
CY	Rate Model	P1	P2	P3	P4	P5	P6	P7	P8	P9
2023	560686.05	851.74	851.74	851.74	1953.04	1842.84	3111.97	3104.98	-864.83	-1233.42
2024	571383.46	314.30	314.30	314.30	-2522.41	-2919.83	-5721.35	-5728.31	-4578.05	-579.21
2025	554547.58	1502.41	2449.58	1901.09	-343.74	-2810.53	-1235.89	-1232.04	-2571.23	3200.97
2026	598403.66	1370.50	12428.00	7167.00	3548.88	839.31	22532.31	22531.73	16333.75	8116.59
2027	651851.40	7298.11	32160.28	18818.81	16278.27	13698.75	64073.64	64078.28	23735.52	9756.97
2028	701397.71	11504.14	44093.78	44113.95	34360.24	48264.79	118091.69	126249.01	63954.65	25573.86
2029	749870.00	14719.78	45300.59	85285.70	49293.00	92417.16	166186.63	174348.22	95047.11	45336.34
2030	799288.56	21458.39	125961.95	505963.99	132324.06	517399.92	515426.25	531002.93	361972.32	322570.30
2031	845832.92	23189.16	63837.80	136667.33	55377.19	142655.37	238905.65	270646.89	115148.33	75541.50
2032	879218.49	34309.57	52157.49	139893.89	56972.80	143123.11	227400.45	276863.44	103263.83	58080.58
2033	901689.94	35821.46	34153.21	125154.34	38833.66	128686.17	209314.31	260409.91	83156.36	39243.08
2034	922478.91	40015.91	26911.99	118145.82	33201.04	122290.47	201173.04	235095.77	79793.86	35481.26
2035	957167.31	49152.52	42679.34	135587.48	48257.49	141119.10	232321.18	240409.58	119024.62	71527.67
2036	980883.73	59973.43	50390.54	142374.41	57334.67	148526.89	205354.40	240033.45	119563.87	76085.31
2037	992203.84	70709.95	57831.22	150509.80	64684.96	157226.02	206805.06	238225.12	125201.57	75681.31
2038	1009631.02	79019.35	67457.02	163335.15	77236.09	167353.38	208973.60	241499.10	128185.14	85836.99
2039	1031315.70	90378.86	85723.18	168959.88	87337.22	179673.35	205970.64	241357.45	129650.98	90459.63
2040	1042579.85	98915.22	114256.98	205439.01	118108.59	214494.80	243346.51	290165.63	158145.72	122793.47
2041	1052462.63	107102.49	154211.94	227685.23	126565.67	247272.31	260848.94	270821.73	165038.05	130439.52
2042	1060667.39	120394.04	202766.96	240650.59	141416.15	258818.63	283684.08	280345.25	194285.64	156915.55
2043	1075719.23	133784.17	237108.09	274665.24	171056.97	276638.49	295658.67	297471.38	211594.63	176086.92
2044	1093882.20	147206.54	268390.70	299837.10	198989.01	302256.22	311459.54	310982.53	230575.69	194874.21
2045	1117716.04	166921.95	275540.83	305485.43	212028.80	305535.67	306954.84	309242.22	232198.96	195831.86
2046	1138671.11	170864.75	282778.75	301833.99	217569.25	305022.34	306021.80	313704.91	230978.74	195128.77
2047	1175625.29	153263.82	265884.67	281046.10	194242.61	284357.53	279239.92	286864.03	209496.34	171964.73

Commercial Bill Impacts: Large Commercial (SLP)

Incremental Monthly Bill Amount (vs. the Recent Rate Request) for each portfolio for the Enhanced STEP, Reduced Step, & Build/Buy sensitivities, along with Reference Scenarios by calendar year									
CY	Rate Model	Reference P4	Enhanced STEP P4	Reduced STEP P4	Build Buy P4	Reference P6	Enhanced STEP P6	Reduced STEP P6	
2023	560686.05	1953.04	2493.03	2559.09	1953.04	3111.97	3650.11	3713.42	
2024	571383.46	-2522.41	-2158.96	-2030.51	-2522.41	-5721.35	-5361.26	-5234.42	
2025	554547.58	-343.74	-10.95	233.20	-343.74	-1235.89	-1013.14	-771.78	
2026	598403.66	3548.88	3635.86	4184.58	6376.60	22532.31	21468.42	21995.74	
2027	651851.40	16278.27	24842.05	6514.16	39411.76	64073.64	71205.60	53323.48	
2028	701397.71	34360.24	41278.56	12416.53	56847.96	118091.69	115479.44	95306.71	
2029	749870.00	49293.00	49938.26	32322.11	79784.22	166186.63	161470.14	144674.34	
2030	799288.56	39885.48	38696.87	24355.00	83356.22	243116.45	236310.41	227601.74	
2031	845832.92	55377.19	51858.44	41894.41	100034.79	238905.65	229846.11	224715.29	
2032	879218.49	56972.80	51200.78	45694.68	103785.37	227400.45	216240.69	216040.98	
2033	901689.94	38833.66	30729.33	29815.10	100095.98	209314.31	197435.67	207470.73	
2034	922478.91	33201.04	22913.01	26927.80	106514.50	201173.04	192988.64	199737.32	
2035	957167.31	48257.49	35821.13	45161.56	121115.74	232321.18	218399.32	232958.67	
2036	980883.73	57334.67	41635.57	57039.70	130642.78	205354.40	187678.63	206894.80	
2037	992203.84	64684.96	41677.26	76883.04	143657.48	206805.06	185870.18	209671.22	
2038	1009631.02	77236.09	52008.10	94093.54	156285.95	208973.60	184332.24	213712.58	
2039	1031315.70	87337.22	59909.46	106828.88	172761.40	205970.64	179865.56	214774.10	
2040	1042579.85	118108.59	88538.69	139886.68	208796.76	243346.51	216095.36	253444.01	
2041	1052462.63	126565.67	94788.97	151180.21	217225.35	260848.94	232249.13	273398.67	
2042	1060667.39	141416.15	108589.56	168293.75	238279.07	283684.08	254053.95	299370.26	
2043	1075719.23	171056.97	137644.95	199324.15	274213.63	295658.67	265269.42	311961.94	
2044	1093882.20	198989.01	165160.75	227708.71	307370.04	311459.54	265339.52	327823.67	
2045	1117716.04	212028.80	177579.37	241297.88	321148.12	306954.84	260838.66	323408.97	
2046	1138671.11	217569.25	182820.21	247037.82	337942.83	306021.80	259158.97	323685.74	
2047	1175625.29	194242.61	158876.68	223702.09	313083.83	279239.92	231651.21	295417.77	