Table 1: Eleven-State RGGI Projected Emissions and Allowance Margin for Zero-Emissions By 2035 Scenario

Assumed coal, residual and diesel oil all go to zero by 2030 and natural gas and other fuels heat input rates are reduced to zero between 2024 and 2035

	RGGI								Natural Gas		Coal		Residual Oil		Diesel Oil		Other Fuel	
Year	Cap	Adjusted Cap	Revised Cap	Allowances	Margin	Total CO2	Total Heat	CO2 Rate	CO2 Mass	Heat Input	CO2 Mass	Heat Input	CO2 Mass	Heat Input	CO2 Mass	Heat Input	CO2 Mass	Heat Input
2009	188,000,000					143,931,449	1,778,994,996	162	50,946,509	854,999,154	82,769,459	769,844,224	7,269,650	106,209,329	1,481,932	32,030,253	1,463,900	15,912,036
2010	188,000,000					158,235,700	2,003,844,395	158	60,987,355	1,024,151,817	85,938,933	794,621,388	9,083,874	140,974,689	868,633	29,066,308	1,356,905	15,030,192
2011	188,000,000					137,418,025	1,826,714,324	150	65,577,227	1,102,754,743	64,004,675	594,789,557	5,542,306	87,013,085	1,064,165	27,753,165	1,229,653	14,403,775
2012	165,000,000					125,270,347	1,802,832,274	139	72,481,131	1,219,996,168	42,645,065	404,229,950	7,112,583	116,243,277	1,417,930	43,300,710	1,613,637	19,062,169
2013	165,000,000					124,966,079	1,713,044,367	146	64,646,591	1,085,700,403	52,434,894	499,441,571	5,166,004	81,569,135	1,310,423	31,216,800	1,408,167	15,116,457
2014	91,000,000	82,792,336				128,404,612	1,757,560,272	146	66,902,681	1,117,493,984	51,696,201	488,582,183	5,635,442	84,523,356	1,063,406	35,757,765	3,106,882	31,202,985
2015	88,725,000	66,833,592				128,429,155	1,879,313,289	137	78,838,694	1,320,329,969	39,222,867	374,319,574	5,895,295	87,676,834	1,085,199	63,191,253	3,387,100	33,795,660
2016	86,506,875	64,615,467				130,043,806	1,940,543,497	134	85,878,071	1,442,238,693	36,711,850	354,649,894	2,671,785	42,221,681	1,040,916	64,482,784	3,741,184	36,950,443
2017	84,344,203	62,452,795				109,295,893	1,669,655,559	131	80,015,172	1,356,110,444	23,650,941	231,047,998	1,391,736	20,928,871	1,001,069	29,677,802	3,236,976	31,890,444
2018	82,235,598	60,344,190				117,898,067	1,794,955,724	131	88,564,592	1,482,631,982	22,609,485	220,278,546	2,431,378	35,320,965	877,328	22,778,649	3,415,284	33,945,583
2019	80,179,708	58,288,301				104,324,207	1,654,916,344	126	88,212,415	1,482,557,083	11,378,563	111,588,123	1,003,954	15,876,564	443,980	12,364,799	3,285,295	32,529,775
2020	96,175,215	74,283,807				101,984,179	1,644,890,862	124	90,315,394	1,519,167,755	8,004,551	78,086,114	508,076	7,660,405	611,983	14,548,092	2,544,174	25,428,496
2021	119,767,784	100,677,454		188,600,000	87,528,282	101,071,718	1,634,861,401	124	90,315,394	1,519,167,755	7,204,096	70,277,503	457,268	6,894,364	550,785	13,093,282	2,544,174	25,428,496
2022	116,112,784	97,022,454		184,550,736	84,391,480	100,159,257	1,624,831,940	123	90,315,394	1,519,167,755	6,403,641	62,468,891	406,461	6,128,324	489,587	11,638,473	2,544,174	25,428,496
2023	112,457,784	93,367,454		177,758,934	78,512,138	99,246,795	1,614,802,479	123	90,315,394	1,519,167,755	5,603,186	54,660,280	355,653	5,362,283	428,388	10,183,664	2,544,174	25,428,496
2024	108,802,784	90,566,430	76,585,685	155,097,823	140,492,218	91,191,291	1,485,957,921	123	83,368,056	1,402,308,697	4,802,731	46,851,669	304,846	4,596,243	367,190	8,728,855	2,348,469	23,472,458
2025	105,147,784	87,849,437	70,203,545	134,110,077	121,177,836	83,135,786	1,357,113,364	123	76,420,718	1,285,449,639	4,002,275	39,043,057	254,038	3,830,202	305,992	7,274,046	2,152,763	21,516,419
2026	101,492,784	63,772,784	63,821,404	114,795,695	103,536,818	75,080,281	1,228,268,807	122	69,473,380	1,168,590,581	3,201,820	31,234,446	203,230	3,064,162	244,793	5,819,237	1,957,057	19,560,381
2027	97,837,784	61,497,784	57,439,264	97,154,678	87,569,165	67,024,776	1,099,424,249	122	62,526,042	1,051,731,523	2,401,365	23,425,834	152,423	2,298,121	183,595	4,364,427	1,761,351	17,604,343
2028	94,182,784	59,222,784	51,057,123	81,187,025	73,274,876	58,969,272	970,579,692	122	55,578,704	934,872,465	1,600,910	15,617,223	101,615	1,532,081	122,397	2,909,618	1,565,646	15,648,305
2029	90,527,784	56,947,784	44,674,983	66,892,736	60,653,952	50,913,767	841,735,135	121	48,631,366	818,013,407	800,455	7,808,611	50,808	766,040	61,198	1,454,809	1,369,940	13,692,267
2030	86,872,784	54,672,784	38,292,843	54,271,812	49,706,392	42,858,262	712,890,577	120	41,684,028	701,154,349	0	0	0	0	0	0	1,174,234	11,736,229
2031			31,910,702	43,324,251	39,519,735	35,715,219	594,075,481	120	34,736,690	584,295,291							978,529	9,780,191
2032			25,528,562	33,137,595	30,093,981	28,572,175	475,260,385	120	27,789,352	467,436,232							782,823	7,824,153
2033			19,146,421	23,711,841	21,429,131	21,429,131	356,445,289	120	20,842,014	350,577,174							587,117	5,868,114
2034			12,764,281	15,046,991	13,525,184	14,286,087	237,630,192	120	13,894,676	233,718,116							391,411	3,912,076
2035			6,382,140	7,143,044	6,382,140	7,143,044	118,815,096	120	6,947,338	116,859,058							195,706	1,956,038
2036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0