

Green PathSM Carbon Savings Chart

Calculation for average CVA Residential Customer | 100% option

			RNG Attributes** (5% of usage)		Carbon Offsets*** (95% of usage)			
	Monthly Usage (therms)	Carbon emissions*	RNG Attributes Purchased	Carbon reduction from RNG attributes	Carbon offsets purchased	Carbon reduction from offsets	Total Emissions offset	Remaining Emissions
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
		= (A) * 11.7	= ((A)*.05) *0.1	= (C) - 117	= ((A)*.95) / 2000	= -(E) * 2000	= (D) + (F)	= (B) + (G)
Jan	133	1556.1	0.665	-77.8	0.74	-1478.3	-1556.1	0.0
Feb	113	1322.1	0.565	-66.1	0.63	-1256.0	-1322.1	0.0
Mar	82	959.4	0.41	-48.0	0.46	-911.4	-959.4	0.0
Apr	39	456.3	0.195	-22.8	0.22	-433.5	-456.3	0.0
May	19	222.3	0.095	-11.1	0.11	-211.2	-222.3	0.0
Jun	11	128.7	0.055	-6.4	0.06	-122.3	-128.7	0.0
Jul	12	140.4	0.06	-7.0	0.07	-133.4	-140.4	0.0
Aug	11	128.7	0.055	-6.4	0.06	-122.3	-128.7	0.0
Sep	12	140.4	0.06	-7.0	0.07	-133.4	-140.4	0.0
Oct	32	374.4	0.16	-18.7	0.18	-355.7	-374.4	0.0
Nov	68	795.6	0.34	-39.8	0.38	-755.8	-795.6	0.0
Dec	115	1345.5	0.575	-67.3	0.64	-1278.2	-1345.5	0.0

Calculation for average CVA Residential Customer | 50% option

			RNG Attributes** (2.5% of usage)		Carbon Offsets*** (47.5% of usage)			
	Monthly Usage (therms)	Carbon emissions*	RNG Attributes Purchased	Carbon reduction from RNG attributes	Carbon offsets purchased	Carbon reduction from offsets	Total Emissions offset	Remaining Emissions
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
		= (A) * 11.7	= ((A)*.025) *0.1	= (C) - 117	= ((A)*.475) / 2000	= -(E) * 2000	= (D) + (F)	= (B) + (G)
Jan	133	1556.1	0.3325	-38.9	0.37	-739.1	-778.1	778.1
Feb	113	1322.1	0.2825	-33.1	0.31	-628.0	-661.1	661.1
Mar	82	959.4	0.205	-24.0	0.23	-455.7	-479.7	479.7
Apr	39	456.3	0.0975	-11.4	0.11	-216.7	-228.2	228.2
May	19	222.3	0.0475	-5.6	0.05	-105.6	-111.2	111.2
Jun	11	128.7	0.0275	-3.2	0.03	-61.1	-64.4	64.4
Jul	12	140.4	0.03	-3.5	0.03	-66.7	-70.2	70.2
Aug	11	128.7	0.0275	-3.2	0.03	-61.1	-64.4	64.4
Sep	12	140.4	0.03	-3.5	0.03	-66.7	-70.2	70.2
Oct	32	374.4	0.08	-9.4	0.09	-177.8	-187.2	187.2
Nov	68	795.6	0.17	-19.9	0.19	-377.9	-397.8	397.8
Dec	115	1345.5	0.2875	-33.6	0.32	-639.1	-672.8	672.8

*Natural gas emits 11.7 pounds of CO2 per therm

**Each RNG attribute offsets 117 pounds of CO2

*** Each carbon offset is equivalent to 1 ton of CO2 emissions