

G-Factor2. POLAR-ICE // atmCO2 // atmTEMP

TERM =1040Y
TEMP =65F
CO2 =0.5%

PolarIce =5.6x10¹⁵ x 200 x 60 x 500 /0.9 =156x10¹⁸Btu
 FOSSILcombustion =300MBBtu pa
 ERradloss =43.25Btu/SF
 ERsolargain =240Btu/SF
 ERatmph =4.4MBTon
 ERsurface =5.6MBSF

CEJ/2009-1228

Reference: www.polarequilibrium.com

Radiation into deep space limits T.atm

CH4+2O2 = CO2+2H2O
 16.CH4+64.O2 = 44.CO2+36.O2 16/44 =2.75
 20,000Btu >>> 2.75lb CO2
 1,000Btu >> 0.1375lb CO2

dRad =Deep space radiatio multiplier

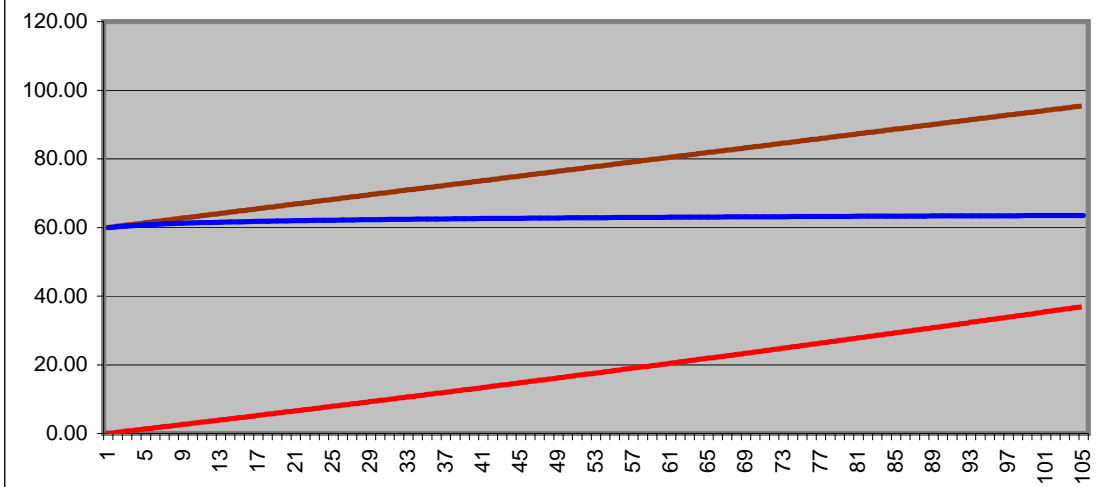
$$ERatmph = \frac{Ee = 0.006}{4E+15 \cdot 3.E+17} = FQpa$$

	<u>Polar ICE</u>	<u>ICEbal</u>	<u>BURN</u>	<u>TonCO2</u>	<u>IMPAC</u>	<u>icePAC</u>	<u>atmCO2</u>	<u>%CO2</u>	<u>Years</u>	<u>stp</u>	<u>T.atm</u>	<u>dRad</u>	<u>T.rad</u>
	100%	10y		50%							25%	factor	refined
0	1.56E+20	100	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.06E+11	0.00469	0	10	60.00	0.0	60.00
1	1.55E+20	99.04	3.0E+18	2.0625E+11	1.5E+18	0.01923	4.13E+11	0.00938	10	10	60.34	0.3	60.26
2	1.53E+20	98.08	3.0E+18	2.0625E+11	1.5E+18	0.01923	6.19E+11	0.01406	20	10	60.68	0.6	60.47
3	1.52E+20	97.12	3.0E+18	2.0625E+11	1.5E+18	0.01923	8.25E+11	0.01875	30	10	61.02	1.0	60.64
4	1.50E+20	96.15	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.03E+12	0.02344	40	10	61.36	1.3	60.79
5	1.49E+20	95.19	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.24E+12	0.02813	50	10	61.70	1.6	60.92
6	1.47E+20	94.23	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.44E+12	0.03281	60	10	62.05	1.9	61.03
7	1.46E+20	93.27	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.65E+12	0.03750	70	10	62.39	2.3	61.14
8	1.44E+20	92.31	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.86E+12	0.04219	80	10	62.73	2.6	61.23
9	1.43E+20	91.35	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.06E+12	0.04688	90	10	63.07	2.9	61.32
10	1.41E+20	90.38	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.27E+12	0.05156	100	10	63.41	3.2	61.40
11	1.40E+20	89.42	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.48E+12	0.05625	110	10	63.75	3.6	61.48
12	1.38E+20	88.46	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.68E+12	0.06094	120	10	64.09	3.9	61.55
13	1.37E+20	87.50	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.89E+12	0.06563	130	10	64.43	4.2	61.61
14	1.35E+20	86.54	3.0E+18	2.0625E+11	1.5E+18	0.01923	3.09E+12	0.07031	140	10	64.77	4.6	61.67
15	1.34E+20	85.58	3.0E+18	2.0625E+11	1.5E+18	0.01923	3.30E+12	0.07500	150	10	65.11	4.9	61.73
16	1.32E+20	84.62	3.0E+18	2.0625E+11	1.5E+18	0.01923	3.51E+12	0.07969	160	10	65.45	5.2	61.78
17	1.31E+20	83.65	3.0E+18	2.0625E+11	1.5E+18	0.01923	3.71E+12	0.08438	170	10	65.80	5.5	61.84
18	1.29E+20	82.69	3.0E+18	2.0625E+11	1.5E+18	0.01923	3.92E+12	0.08906	180	10	66.14	5.9	61.89
19	1.28E+20	81.73	3.0E+18	2.0625E+11	1.5E+18	0.01923	4.13E+12	0.09375	190	10	66.48	6.2	61.93
20	1.26E+20	80.77	3.0E+18	2.0625E+11	1.5E+18	0.01923	4.33E+12	0.09844	200	10	66.82	6.5	61.98
21	1.25E+20	79.81	3.0E+18	2.0625E+11	1.5E+18	0.01923	4.54E+12	0.10313	210	10	67.16	6.9	62.02
22	1.23E+20	78.85	3.0E+18	2.0625E+11	1.5E+18	0.01923	4.74E+12	0.10781	220	10	67.50	7.2	62.06
23	1.22E+20	77.88	3.0E+18	2.0625E+11	1.5E+18	0.01923	4.95E+12	0.11250	230	10	67.84	7.6	62.10
24	1.20E+20	76.92	3.0E+18	2.0625E+11	1.5E+18	0.01923	5.16E+12	0.11719	240	10	68.18	7.9	62.14
25	1.19E+20	75.96	3.0E+18	2.0625E+11	1.5E+18	0.01923	5.36E+12	0.12188	250	10	68.52	8.2	62.18
26	1.17E+20	75.00	3.0E+18	2.0625E+11	1.5E+18	0.01923	5.57E+12	0.12656	260	10	68.86	8.6	62.21
27	1.16E+20	74.04	3.0E+18	2.0625E+11	1.5E+18	0.01923	5.78E+12	0.13125	270	10	69.20	8.9	62.25
28	1.14E+20	73.08	3.0E+18	2.0625E+11	1.5E+18	0.01923	5.98E+12	0.13594	280	10	69.55	9.2	62.28
29	1.13E+20	72.12	3.0E+18	2.0625E+11	1.5E+18	0.01923	6.19E+12	0.14063	290	10	69.89	9.6	62.31
30	1.11E+20	71.15	3.0E+18	2.0625E+11	1.5E+18	0.01923	6.39E+12	0.14531	300	10	70.23	9.9	62.35
31	1.10E+20	70.19	3.0E+18	2.0625E+11	1.5E+18	0.01923	6.60E+12	0.15000	310	10	70.57	10.3	62.38
32	1.08E+20	69.23	3.0E+18	2.0625E+11	1.5E+18	0.01923	6.81E+12	0.15469	320	10	70.91	10.6	62.41
33	1.07E+20	68.27	3.0E+18	2.0625E+11	1.5E+18	0.01923	7.01E+12	0.15938	330	10	71.25	10.9	62.43
34	1.05E+20	67.31	3.0E+18	2.0625E+11	1.5E+18	0.01923	7.22E+12	0.16406	340	10	71.59	11.3	62.46
35	1.04E+20	66.35	3.0E+18	2.0625E+11	1.5E+18	0.01923	7.43E+12	0.16875	350	10	71.93	11.6	62.49
36	1.02E+20	65.38	3.0E+18	2.0625E+11	1.5E+18	0.01923	7.63E+12	0.17344	360	10	72.27	12.0	62.51
37	1.01E+20	64.42	3.0E+18	2.0625E+11	1.5E+18	0.01923	7.84E+12	0.17813	370	10	72.61	12.3	62.54
38	9.90E+19	63.46	3.0E+18	2.0625E+11	1.5E+18	0.01923	8.04E+12	0.18281	380	10	72.95	12.7	62.57
39	9.75E+19	62.50	3.0E+18	2.0625E+11	1.5E+18	0.01923	8.25E+12	0.18750	390	10	73.30	13.0	62.59
40	9.60E+19	61.54	3.0E+18	2.0625E+11	1.5E+18	0.01923	8.46E+12	0.19219	400	10	73.64	13.4	62.61
41	9.45E+19	60.58	3.0E+18	2.0625E+11	1.5E+18	0.01923	8.66E+12	0.19688	410	10	73.98	13.7	62.64
42	9.30E+19	59.62	3.0E+18	2.0625E+11	1.5E+18	0.01923	8.87E+12	0.20156	420	10	74.32	14.0	62.66
43	9.15E+19	58.65	3.0E+18	2.0625E+11	1.5E+18	0.01923	9.08E+12	0.20625	430	10	74.66	14.4	62.68
44	9.00E+19	57.69	3.0E+18	2.0625E+11	1.5E+18	0.01923	9.28E+12	0.21094	440	10	75.00	14.7	62.70
45	8.85E+19	56.73	3.0E+18	2.0625E+11	1.5E+18	0.01923	9.49E+12	0.21563	450	10	75.34	15.1	62.72
46	8.70E+19	55.77	3.0E+18	2.0625E+11	1.5E+18	0.01923	9.69E+12	0.22031	460	10	75.68	15.4	62.75
47	8.55E+19	54.81	3.0E+18	2.0625E+11	1.5E+18	0.01923	9.90E+12	0.22500	470	10	76.02	15.8	62.77

48	8.40E+19	53.85	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.01E+13	0.22969	480	10
49	8.25E+19	52.88	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.03E+13	0.23438	490	10
50	8.10E+19	51.92	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.05E+13	0.23906	500	10
51	7.95E+19	50.96	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.07E+13	0.24375	510	10

76.36	16.1	62.79
76.70	16.5	62.80
77.05	16.9	62.82
77.39	17.2	62.84

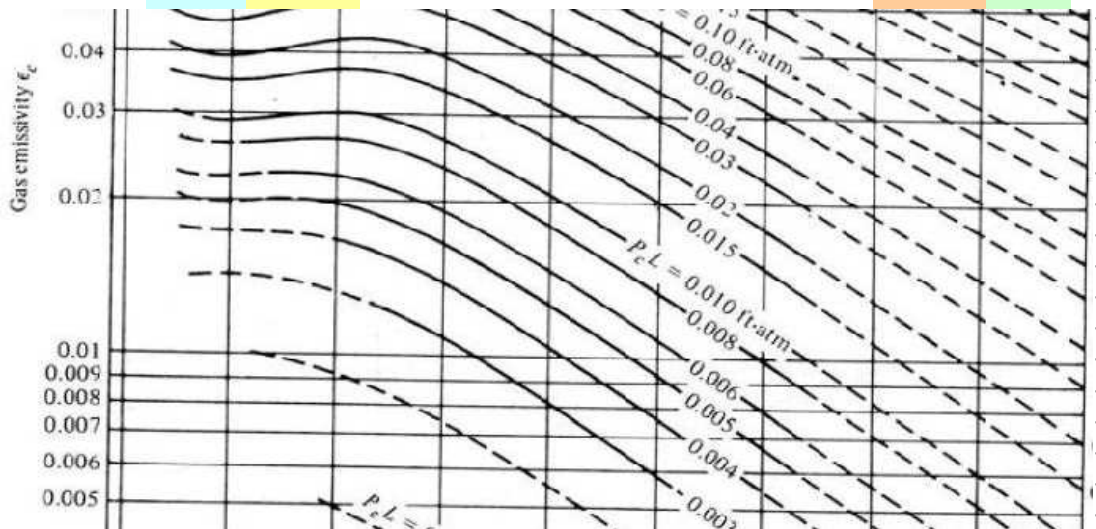
Radiation vs. 25% Atm Fossil Heat



77.73	17.6	62.86
78.07	17.9	62.88
78.41	18.3	62.90
78.75	18.6	62.91
79.09	19.0	62.93
79.43	19.3	62.95
79.77	19.7	62.96
80.11	20.1	62.98
80.45	20.4	63.00
80.80	20.8	63.01
81.14	21.1	63.03
81.48	21.5	63.04
81.82	21.9	63.06
82.16	22.2	63.07
82.50	22.6	63.09
82.84	23.0	63.10
83.18	23.3	63.11
83.52	23.7	63.13
83.86	24.1	63.14
84.20	24.4	63.16

72	4.80E+19	30.77	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.51E+13	0.34219	720	10
73	4.65E+19	29.81	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.53E+13	0.34688	730	10
74	4.50E+19	28.85	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.55E+13	0.35156	740	10
75	4.35E+19	27.88	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.57E+13	0.35625	750	10
76	4.20E+19	26.92	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.59E+13	0.36094	760	10
77	4.05E+19	25.96	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.61E+13	0.36563	770	10
78	3.90E+19	25.00	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.63E+13	0.37031	780	10
79	3.75E+19	24.04	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.65E+13	0.37500	790	10
80	3.60E+19	23.08	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.67E+13	0.37969	800	10
81	3.45E+19	22.12	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.69E+13	0.38438	810	10
82	3.30E+19	21.15	3.0E+18	2.0625E+11	1.5E+18	0.01923	1.71E+13	0.38906	820	10

84.55	24.8	63.17
84.89	25.2	63.18
85.23	25.5	63.19
85.57	25.9	63.21
85.91	26.3	63.22
86.25	26.7	63.23
86.59	27.0	63.24
86.93	27.4	63.26
87.27	27.8	63.27
87.61	28.1	63.28
87.95	28.5	63.29



88.30	28.9	63.30
88.64	29.3	63.31
88.98	29.7	63.33
89.32	30.0	63.34
89.66	30.4	63.35
90.00	30.8	63.36
90.34	31.2	63.37
90.68	31.5	63.38
91.02	31.9	63.39
91.36	32.3	63.40
91.70	32.7	63.41
92.05	33.1	63.42
92.39	33.5	63.43
92.73	33.8	63.44
93.07	34.2	63.45
93.41	34.6	63.46
93.75	35.0	63.47

100	6.00E+18	3.85	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.08E+13	0.47344	1000	10
101	4.50E+18	2.88	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.10E+13	0.47813	1010	10
102	3.00E+18	1.92	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.12E+13	0.48281	1020	10
103	1.50E+18	0.96	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.15E+13	0.48750	1030	10
104	0.00E+00	0.00	3.0E+18	2.0625E+11	1.5E+18	0.01923	2.17E+13	0.49219	1040	10

94.09	35.4	63.48
94.43	35.8	63.49
94.77	36.2	63.50
95.11	36.6	63.50
95.45	37.0	63.51

