The GAP Generator
Electricity for the future

The GAP Generator with no moving parts — *When sorting, sort by column B.*

With & Without Coils Summary

Test	Coil Watts OU	No Coil Watts OU	Watts Difference	Watts by Coil	Watts by Arc	How Many Coils	Battery Bank	Date	Time				
25	25.23	37.30	-12.07	-5.49	30.71	2	36	11/20/20	06:42 PM	Two 1500 watt heating elements & no F/L lights.	6060 AVG.	40 AMP RELAY	
26	37.69	113.55	-75.86	-94.94	132.63	2	36	11/20/20	06:56 PM	Two 1500 watt heating elements & no F/L lights.	5050 AVG.	40 AMP RELAY	
30	89.59	87.32	2.27	48.21	41.39	2	36	11/21/20	10:16 AM	Two 1500 watt heating elements & no F/L lights.	I had noticed a connection problem from rectifier to load. I fixed it. AVG.		
10	102.04	39.09	62.96	145.45	-43.41	2	36	11/19/20	11:40 AM	Two 1500 watt heating elements & no F/L lights.	102.30 + 62.95 / 2 = 82.63 Avg.		
12	104.71	92.56	12.16	70.59	34.12	1	36	11/19/20	04:52 PM	Two 1500 watt heating elements & no F/L lights.	4:52 pm an just checkng again.		
11	104.90	75.23	29.68	96.96	7.94	2	36	11/19/20	04:25 PM	Two 1500 watt heating elements & no F/L lights.	4:25 pm an just checking again.		
29	105.42	96.36	9.07	66.31	39.12	1	36	11/21/20	08:28 AM	Two 1500 watt heating elements & no F/L lights.	8:28 am. Forgot newer relays.	AVG.	
8	106.61	84.57	22.04	86.37	20.24	1	36	11/19/20	10:47 AM	Two 1500 watt heating elements & no F/L lights.	This confirms test 2.		
24	108.45	113.71	-5.25	46.34	62.11	1	36	11/20/20	05:15 PM	Two 1500 watt heating elements & no F/L lights.	Other 40 amp relay 6060	40 AMP RELAY	
28	117.23	127.72	-10.48	42.89	74.34	2	36	11/20/20	08:22 PM	Two 1500 watt heating elements & no F/L lights.	Try newer relays next time. AVG.	Some times it's good and some times not.	
13	119.25	115.94	3.31	64.59	54.66	1	36	11/19/20	08:12 PM	Two 1500 watt heating elements & no F/L lights.	40 amp relay. USE N/O & N/C	40 AMP RELAY	
9	126.96	24.66	102.31	216.94	-89.98	2	36	11/19/20	11:17 AM	Two 1500 watt heating elements & no F/L lights.	Compare to test 2.		
31	127.35	73.18	54.18	144.94	-17.59	2	36	11/21/20	11:20 AM	Two 1500 watt heating elements & 2 GE BR40	Now I'm getting somewhere.	AVG.	
27	128.62	127.72	0.91	65.67	62.96	1	36	11/20/20	08:09 PM	Two 1500 watt heating elements & no F/L lights.	Back to Octal Plug In Relays.	AVG.	
18	130.25	141.68	-11.43	47.98	82.27	2	42	11/20/20	09:37 AM	Two 1500 watt heating elements & two F/L lights.	Neutralization only.	40 AMP RELAY	
40	131.28	114.84	16.44	90.30	40.98	2	38	11/22/20	01:01 PM	Two 1500 watt heating elements & 2 GE BR40	Used 3010 program.	through capacitor to	DC Power Supply.
33	137.46	136.74	0.72	69.81	67.65	2	38	11/21/20	03:54 PM	Two 1500 watt heating elements & 2 GE BR40	Using Power Supply. AVG. Maybe too much load.		
14	147.01	147.13	-0.12	73.33	73.68	1	36	11/19/20	08:21 PM	Two 1500 watt heating elements & two F/L lights.	Using 1 relay Amp & Neut.5050.	40 AMP RELAY	
3	149.90	183.97	-34.07	23.85	126.05	1	36	11/19/20	08:40 AM	Two 1500 watt heating elements & two F/L lights.			
35	150.31	159.11	-8.80	61.96	88.35	2	38	11/21/20	05:50 PM	Two 1500 watt heating elements & 2 GE BR40	Used 4010 program.		
39	150.91	148.25	2.67	79.45	71.46	1	38	11/22/20	12:53 PM	Two 1500 watt heating elements & 2 GE BR40	Used 3010 program.	Maybe 52 volt bank	DC Power Supply.
5	152.52	157.24	-4.71	69.19	83.33	2	36	11/19/20	09:23 AM	Two 1500 watt heating elements & one F/L lights	Tried two coils. Neut Only.		
2	152.78	120.47	32.31	124.86	27.92	1	36	11/19/20	07:40 AM	Two 1500 watt heating elements & no F/L lights.			
4	166.46	148.34	18.12	110.41	56.05	1	36	11/19/20	08:57 AM	Two 1500 watt heating elements & one F/L lights	34.09 x .59 = 20.11 watts input to coil alone.		
32	168.87	167.00	1.88	87.25	81.63	2	38	11/21/20	03:28 PM	Two 1500 watt heating elements & 4 GE BR40	Using Power Supply. AVG. Not enough load but, my relay contacts. ???		
1	172.36	167.09	5.27	94.09	78.28	1	36	11/19/20	07:15 AM	Three 1500 watt heating elements & no F/L lights	Octal relays thru test 12.		
19	181.95	179.33	2.63	94.91	87.04	1	42	11/20/20	09:58 AM	Two 1500 watt heating elements & two F/L lights.	Neutralization only.	40 AMP RELAY	
34	182.03	158.11	23.93	126.90	55.13	1	38	11/21/20	05:35 PM	Two 1500 watt heating elements & 2 GE BR40	Used 4010 program.		
41	186.17	153.58	32.60	141.98	44.20	2	38	11/22/20	02:04 PM	Two 1500 watt heating elements & 4 GE BR40	Used 3010 program.	create a steady 48	DC Power Supply.
16	187.01	205.99	-18.97	65.04	121.97	2	36	11/20/20	08:34 AM	Three 1500 watt heating elements & two F/L ligh	42 volts ?? or three elements?	40 AMP RELAY	
44	187.10	183.63	3.48	98.76	88.34	2	38	11/22/20	04:20 PM	Two 1500 watt heating elements & 6 GE BR40	Used 3010 program.		DC Power Supply.
42	187.52	170.58	16.95	119.18	68.35	1	38	11/22/20	02:17 PM	Two 1500 watt heating elements & 4 GE BR40	Used 3010 program.	volts to GAP	DC Power Supply.
37	192.65	186.19	6.46	106.02	86.63	1	38	11/21/20	06:30 PM	Two 1500 watt heating elements & 4 GE BR40	Used 4010 program.		
36	195.02	188.61	6.41	107.13	87.89	2	38	11/21/20	06:11 PM	Two 1500 watt heating elements & 4 GE BR40	Used 4010 program. Found a loose connection at + on coil from test 35.		
6	197.60	215.66	-18.06	71.71	125.89	1	42	11/19/20	09:48 AM	Two 1500 watt heating elements & one F/L lights	Contacts flash too much. Compare to test 4.		
43	209.58	187.26	22.33	138.28	71.30	1	38	11/22/20	02:25 PM	Two 1500 watt heating elements & 6 GE BR40	Used 3010 program.	Use 3010 program.	DC Power Supply.
7	211.73	211.22	0.51	106.64	105.10	1	42	11/19/20	10:03 AM	Two 1500 watt heating elements & two F/L lights.	Voltage too high for relays.		
38	215.09	212.10	2.99	112.03	103.06	1	38	11/21/20	06:47 PM	Two 1500 watt heating elements & 6 GE BR40	Used 4010 program.		
15	245.65	181.47	64.19	219.10	26.55	1	36	11/19/20	08:44 PM	Three 1500 watt heating elements & two F/L ligh		40 AMP RELAY	
45	288.05	274.10	13.95	164.96	123.10	1	42	11/22/20	07:25 PM	Two 1500 watt heating elements & 6 GE BR40	Used 5050 program.	40 AMP RELAY	DC Power Supply.
22	290.27	318.72	-28.45	102.46	187.81	3	48	11/20/20	11:28 AM	Two 1500 watt heating elements & two F/L lights.	Amplification & Neutralization.	40 AMP RELAY	
21	298.16	212.78	85.39	277.16	21.01	2	48	11/20/20	10:56 AM	Two 1500 watt heating elements & two F/L lights.	Amplification & Neutralization.	40 AMP RELAY	
17	314.73	328.67	-13.93	136.46	178.27	2	42	11/20/20	09:07 AM	Three 1500 watt heating elements & two F/L ligh	42 volts ?? or three elements?	40 AMP RELAY	
20	337.30	314.79	22.51	202.42	134.88	1	48	11/20/20	10:30 AM	Two 1500 watt heating elements & two F/L lights.	Amplification & Neutralization.	40 AMP RELAY	
23	364.49	351.48	13.01	201.77	162.73	3	48	11/20/20	11:56 AM	Two 1500 watt heating elements, two F/L lights , & two 250 watt GE BR		40 AMP RELAY	
46	399.28	353.34	45.95	268.56	130.73	1	48	11/22/20	07:53 PM	Two 1500 watt heating elements & 6 GE BR40	Used 5050 program	40 AMP RELAY	DC Power Supply.

The above tests were done using GAP With&without.qpw — *The tests below were using with & without coils.qpw*

Test	Coil Watts OU	No Coil Watts OU	Watts Difference	Watts by Coil	Watts by Arc	How Many Coils	PS Volts	Date	Time				
6	100.56	79.99	20.58	70.86	29.71	1	24.5	02/01/21	01:33 PM	Six 250 watt GEBR40 & four F/L lights	24.5 at PS	OCTAL RELAY	CTC Program = gapart1.dsp
7	107.60	131.39	-23.78	30.02	77.58	1	31.5	02/01/21	01:54 PM	Six 250 watt GEBR40 & four F/L lights	24.5 at PS	OCTAL RELAY	CTC Program = gapart1.dsp
8	123.16	115.59	7.57	69.16	54.01	1	28	02/01/21	05:23 PM	Six 250 watt GEBR40 & four F/L lights	28 at PS.	OCTAL RELAY	CTC Program = gapart1.dsp
9	126.12	143.91	-17.78	45.28	80.85	1	36	02/02/21	10:05 AM	Six 250 watt GEBR40	36 at PS.	OCTAL RELAY	CTC Program = gapart1.dsp
20	139.00	123.82	15.18	84.69	54.32	1	31	02/06/21	02:47 PM	Six 250 watt GEBR40 & four F/L lights	42.5 at PS.	RADWELL RELAY	CTC Program = gapart1.dsp
14	165.89	130.23	35.67	118.61	47.28	1	42	02/03/21	08:00 AM	Six 250 watt GEBR40 & four F/L lights	42 at PS.	OCTAL RELAY	CTC Program = 30_30.dsp
5	199.61	157.86	41.76	141.56	58.05	1	36.8	02/01/21	10:05 AM	Six 250 watt GEBR40 & four F/L lights	36.8 x10.85 at PS	40 AMP RELAY	CTC Program = gapart1.dsp
10	205.52	186.98	18.55	121.31	84.22	1	42	02/02/21	10:12 AM	Six 250 watt GEBR40	42 at PS.	OCTAL RELAY	CTC Program = gapart1.dsp
1	210.67	153.59	57.09	162.42	48.25	1	36.8	02/01/21	08:42 AM	Three 1500 Watt elements & two F/L lights.	36.8 x10.85 at PS	40 AMP RELAY	CTC Program = gapart1.dsp
21	211.64	213.38	-1.73	104.09	107.56	1	42.5	02/06/21	03:01 PM	Six 250 watt GEBR40 & four F/L lights	42.5 at PS.	RADWELL RELAY	CTC Program = gapart1.dsp
3	230.04	215.45	14.59	129.62	100.43	1	36.8	02/01/21	09:33 AM	Three 1500 Watt elements & two F/L lights	36.8 x10.85 at PS	40 AMP RELAY	CTC Program = 5050.dsp
16	232.61	194.91	37.71	154.01	78.60	1	42.5	02/04/21	05:08 PM	Six 250 watt GEBR40 & four F/L lights	42.5 at PS.	NEW OCTAL RELAY	CTC Program = gapart1.dsp
17	235.91	209.56	26.35	144.31	91.60	1	42.5	02/06/21	08:17 AM	Six 250 watt GEBR40 & four F/L lights	42.5 at PS.	OCTAL RELAY filed	CTC Program = gapart1.dsp
18	237.20	212.35	24.86	143.46	93.74	1	42.5	02/06/21	08:41 AM	Six 250 watt GEBR40 & four F/L lights	42.5 at PS.	NEW OCTAL RELAY	CTC Program = gapart1.dsp
11	241.15	251.48	-10.33	110.25	130.90	1	49.8	02/02/21	10:33 AM	Six 250 watt GEBR40	49.8 at PS.	OCTAL RELAY	CTC Program = gapart1.dsp
22	244.92	239.72	5.21	127.67	117.26	1	42.5	02/06/21	03:22 AM	Three 1500 Watt elements & four F/L lights	42.5 at PS.	NEW OCTAL RELAY	CTC Program = gapart1.dsp
2	249.27	234.38	14.90	139.53	109.74	1	36.8	02/01/21	09:14 AM	Three 1500 Watt elements & two F/L lights	36.8 x10.85 at PS	40 AMP RELAY	CTC Program = 5050.dsp
4	270.24	234.79	35.46	170.58	99.67	1	36.8	02/01/21	09:50 AM	Three 1500 Watt elements & four F/L lights	36.8 x10.85 at PS	40 AMP RELAY	CTC Program = gapart1.dsp
23	285.18	216.72	68.47	211.06	74.13	1	42.5	02/06/21	04:15 AM	Three 1500 Watt elements & four F/L lights	42.5 at PS.	RADWELL RELAY	CTC Program = gapart1.dsp
12	289.44	281.37	8.07	152.80	136.65	1	42.8	02/02/21	10:48 AM	Six 250 watt GEBR40	49.8 at PS.	OCTAL RELAY	CTC Program = gapart1.dsp
15	309.72	299.52	10.21	165.07	144.66	1	42.5	02/04/21	04:51 PM	Six 250 watt GEBR40 & four F/L lights GOOD	42.5 at PS.	OCTAL RELAY filed	CTC Program = gapart1.dsp
19	323.59	306.53	17.07	178.86	144.73	1	42.5	02/06/21	08:55 AM	Six 250 watt GEBR40 & four F/L lights	42.5 at PS.	OCTAL RELAY 03-24-20	CTC Program = gapart1.dsp
13	334.87	317.28	17.60	185.03	149.84	1	42	02/02/21	02:50 PM	Three 1500 Watt elements & two F/L lights.	42 at PS.	OCTAL RELAY	CTC Program = gapart1.dsp

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