

Use this table (and a stop-watch), to work out your energy use, it \$ cost, and greenhouse cost

For meters turning at

266.6 revs/kWh (look on the face of your meter)

Electricity price of

30.06 cents per Unit

How long did it take for the silver disc ↓ ↙ to complete one revolution			Cost of energy used *			Greenhouse emissions** 0.74 kg/Unit	
			\$	\$	\$	(kg)	(kg)
Seconds	Hours: min: sec	Average power used during that time (Watts)	1 hour	1 day	60 days	Every hour	Every year
4	0:00:04	3,376	\$1.01	\$24.36	\$1,461.31	3.38	29572
5	0:00:05	2,701	\$0.81	\$19.48	\$1,169.04	2.70	23658
6	0:00:06	2,251	\$0.68	\$16.24	\$974.20	2.25	19715
7	0:00:07	1,929	\$0.58	\$13.92	\$835.03	1.93	16899
8	0:00:08	1,688	\$0.51	\$12.18	\$730.65	1.69	14786
9	0:00:09	1,500	\$0.45	\$10.82	\$649.47	1.50	13143
10	0:00:10	1,350	\$0.41	\$9.74	\$584.52	1.35	11829
11	0:00:11	1,228	\$0.37	\$8.86	\$531.38	1.23	10754
12	0:00:12	1,125	\$0.34	\$8.12	\$487.10	1.13	9857
13	0:00:13	1,039	\$0.31	\$7.49	\$449.63	1.04	9099
14	0:00:14	965	\$0.29	\$6.96	\$417.52	0.96	8449
15	0:00:15	900	\$0.27	\$6.49	\$389.68	0.90	7886
16	0:00:16	844	\$0.25	\$6.09	\$365.33	0.84	7393
17	0:00:17	794	\$0.24	\$5.73	\$343.84	0.79	6958
18	0:00:18	750	\$0.23	\$5.41	\$324.73	0.75	6572
19	0:00:19	711	\$0.21	\$5.13	\$307.64	0.71	6226
20	0:00:20	675	\$0.20	\$4.87	\$292.26	0.68	5914
21	0:00:21	643	\$0.19	\$4.64	\$278.34	0.64	5633
22	0:00:22	614	\$0.18	\$4.43	\$265.69	0.61	5377
23	0:00:23	587	\$0.18	\$4.24	\$254.14	0.59	5143
24	0:00:24	563	\$0.17	\$4.06	\$243.55	0.56	4929
25	0:00:25	540	\$0.16	\$3.90	\$233.81	0.54	4732
26	0:00:26	519	\$0.16	\$3.75	\$224.82	0.52	4550
27	0:00:27	500	\$0.15	\$3.61	\$216.49	0.50	4381
28	0:00:28	482	\$0.14	\$3.48	\$208.76	0.48	4225
29	0:00:29	466	\$0.14	\$3.36	\$201.56	0.47	4079
30	0:00:30	450	\$0.14	\$3.25	\$194.84	0.45	3943
32	0:00:32	422	\$0.13	\$3.04	\$182.66	0.42	3697
34	0:00:34	397	\$0.12	\$2.87	\$171.92	0.40	3479
36	0:00:36	375	\$0.11	\$2.71	\$162.37	0.38	3286
38	0:00:38	355	\$0.11	\$2.56	\$153.82	0.36	3113
40	0:00:40	338	\$0.10	\$2.44	\$146.13	0.34	2957
42	0:00:42	322	\$0.10	\$2.32	\$139.17	0.32	2816
44	0:00:44	307	\$0.09	\$2.21	\$132.85	0.31	2688
46	0:00:46	294	\$0.09	\$2.12	\$127.07	0.29	2572
48	0:00:48	281	\$0.08	\$2.03	\$121.78	0.28	2464
50	0:00:50	270	\$0.08	\$1.95	\$116.90	0.27	2366
52	0:00:52	260	\$0.08	\$1.87	\$112.41	0.26	2275
54	0:00:54	250	\$0.08	\$1.80	\$108.24	0.25	2191
56	0:00:56	241	\$0.07	\$1.74	\$104.38	0.24	2112
58	0:00:58	233	\$0.07	\$1.68	\$100.78	0.23	2039
60	0:01:00	225	\$0.07	\$1.62	\$97.42	0.23	1971
65	0:01:05	208	\$0.06	\$1.50	\$89.93	0.21	1820
70	0:01:10	193	\$0.06	\$1.39	\$83.50	0.19	1690
75	0:01:15	180	\$0.05	\$1.30	\$77.94	0.18	1577
80	0:01:20	169	\$0.05	\$1.22	\$73.07	0.17	1479
85	0:01:25	159	\$0.05	\$1.15	\$68.77	0.16	1392
90	0:01:30	150	\$0.05	\$1.08	\$64.95	0.15	1314
95	0:01:35	142	\$0.04	\$1.03	\$61.53	0.14	1245
100	0:01:40	135	\$0.04	\$0.97	\$58.45	0.14	1183
105	0:01:45	129	\$0.04	\$0.93	\$55.67	0.13	1127
110	0:01:50	123	\$0.04	\$0.89	\$53.14	0.12	1075
115	0:01:55	117	\$0.04	\$0.85	\$50.83	0.12	1029
120	0:02:00	113	\$0.03	\$0.81	\$48.71	0.11	986
130	0:02:10	104	\$0.03	\$0.75	\$44.96	0.10	910
135	0:02:15	100	\$0.03	\$0.72	\$43.30	0.10	876
140	0:02:20	96	\$0.03	\$0.70	\$41.75	0.10	845
145	0:02:25	93	\$0.03	\$0.67	\$40.31	0.09	816
150	0:02:30	90	\$0.03	\$0.65	\$38.97	0.09	789
155	0:02:35	87	\$0.03	\$0.63	\$37.71	0.09	763

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Electricity price of

30.06 cents per Unit

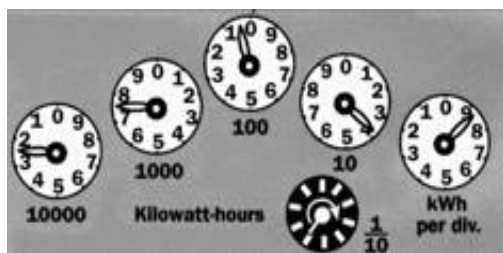
How long did it take for the silver disc ↓ ↙ to complete one revolution			Cost of energy used *			Greenhouse emissions** 0.74 kg/Unit	
			\$	\$	\$	(kg)	(kg)
Seconds	Hours: min: sec	Average power used during that time (Watts)	1 hour	1 day	60 days	Every hour	Every year
160	0:02:40	84	\$0.03	\$0.61	\$36.53	0.08	739
165	0:02:45	82	\$0.02	\$0.59	\$35.43	0.08	717
170	0:02:50	79	\$0.02	\$0.57	\$34.38	0.08	696
175	0:02:55	77	\$0.02	\$0.56	\$33.40	0.08	676
180	0:03:00	75	\$0.02	\$0.54	\$32.47	0.08	657
195	0:03:15	69	\$0.02	\$0.50	\$29.98	0.07	607
210	0:03:30	64	\$0.02	\$0.46	\$27.83	0.06	563
225	0:03:45	60	\$0.02	\$0.43	\$25.98	0.06	526
240	0:04:00	56	\$0.02	\$0.41	\$24.36	0.06	493
270	0:04:30	50	\$0.02	\$0.36	\$21.65	0.05	438
300	0:05:00	45	\$0.01	\$0.32	\$19.48	0.05	394
360	0:06:00	38	\$0.01	\$0.27	\$16.24	0.04	329
420	0:07:00	32	\$0.01	\$0.23	\$13.92	0.03	282
480	0:08:00	28	\$0.01	\$0.20	\$12.18	0.03	246
540	0:09:00	25	\$0.01	\$0.18	\$10.82	0.03	219
600	0:10:00	23	\$0.01	\$0.16	\$9.74	0.02	197
720	0:12:00	19	\$0.01	\$0.14	\$8.12	0.02	164
900	0:15:00	15	\$0.00	\$0.11	\$6.49	0.02	131
1200	0:20:00	11	\$0.00	\$0.08	\$4.87	0.01	99
1500	0:25:00	9	\$0.00	\$0.06	\$3.90	0.01	79
1800	0:30:00	8	\$0.00	\$0.05	\$3.25	0.01	66
2100	0:35:00	6	\$0.00	\$0.05	\$2.78	0.01	56
3600	1:00:00	4	\$0.00	\$0.03	\$1.62	0.00	33

*Costs are ONLY for consumption (A1 tariff), and do not include supply charge, service or rebates.

*If you use electricity from renewable sources (eg: own PV, local PV, local wind turbines) your greenhouse gas emissions will be near zero.

*If you use electricity from Alinta Pinjarr GAS fired generators (second biggest gas generator on SWIS) then your emissions from this source will be 0.74 kg/Unit.

*The SWIS is a mixture from many sources, with an average greenhouse impact of 0.51 kg/Unit.



Read clocks from largest unit to smallest unit – recording as you go- careful some clocks go anticlockwise

- 10,000 kWh clock The pointer is past the 2, so this clock shows **2**
- 1000 kWh clock The pointer is past the 7, so this clock shows **7**
- 100 kWh clock The pointer is past the 0, so this clock shows **0**
- 10 kWh clock The pointer is past the 3, so this clock shows **3**
- 1 kWh clock The pointer is past the 8, so this clock shows **8**

Altogether, the meter shows

2
7
0
3
8
2 7 0 3 8 kWh