

WHY GO OFF-GRID?



SOLAR

WIND

HYDRO

There are many advantages to alternative power

✚ **Massive long-term savings.** Electricity prices have been increasing rapidly and the trend will continue into the future as commodity prices increase through growing international demand. Below is a table indicating estimated electricity price increases over the next 20 years.

Monthly payment	R 1 000.00	R 1 500.00	R 2 000.00	R 2 500.00	R 3 000.00	R 3 500.00	R 4 000.00
number of years	Increase in annual cost @ 8.5% inflation						
1	12 000.00	18 000.00	24 000.00	30 000.00	36 000.00	42 000.00	48 000.00
2	13 020.00	19 530.00	26 040.00	32 550.00	39 060.00	45 570.00	52 080.00
3	14 126.70	21 190.05	28 253.40	35 316.75	42 380.10	49 443.45	56 506.80
4	15 327.47	22 991.20	30 654.94	38 318.67	45 982.41	53 646.14	61 309.88
5	16 630.30	24 945.46	33 260.61	41 575.76	49 890.91	58 206.07	66 521.22
6	18 043.88	27 065.82	36 087.76	45 109.70	54 131.64	63 153.58	72 175.52
7	19 577.61	29 366.42	39 155.22	48 944.03	58 732.83	68 521.64	78 310.44
8	21 241.71	31 862.56	42 483.41	53 104.27	63 725.12	74 345.97	84 966.83
9	23 047.25	34 570.88	46 094.50	57 618.13	69 141.76	80 665.38	92 189.01
10	25 006.27	37 509.40	50 012.54	62 515.67	75 018.81	87 521.94	100 025.07
TOTAL AFTER 10 YEARS	178 021.19	267 031.79	356 042.38	445 052.98	534 063.58	623 074.17	712 084.77
11	27 131.80	40 697.70	54 263.60	67 829.50	81 395.40	94 961.30	108 527.21
12	29 438.00	44 157.01	58 876.01	73 595.01	88 314.01	103 033.02	117 752.02
13	31 940.23	47 910.35	63 880.47	79 850.59	95 820.70	111 790.82	127 760.94
14	34 655.15	51 982.73	69 310.31	86 637.89	103 965.46	121 293.04	138 620.62
15	37 600.84	56 401.26	75 201.69	94 002.11	112 802.53	131 602.95	150 403.37
16	40 796.91	61 195.37	81 593.83	101 992.29	122 390.74	142 789.20	163 187.66
17	44 264.65	66 396.98	88 529.30	110 661.63	132 793.96	154 926.28	177 058.61
18	48 027.15	72 040.72	96 054.30	120 067.87	144 081.44	168 095.02	192 108.59
19	52 109.46	78 164.18	104 218.91	130 273.64	156 328.37	182 383.09	208 437.82
20	56 538.76	84 808.14	113 077.52	141 346.90	169 616.28	197 885.66	226 155.04
TOTAL AFTER 20 YEARS	580 524.16	870 786.24	1 161 048.32	1 451 310.40	1 741 572.48	2 031 834.56	2 322 096.64

- ✚ **Reliable power supply.** Modern battery technology allows us to supply long term battery storage (5-6 day autonomy) ensuring that you have constant power, while your neighbours are left in the dark.
- ✚ **Hassle free.** Solar panels are solid state and will continue to give you power for more than 20 years with no maintenance. By using top quality batteries, you'll have reliable power storage for a rated battery life of 20 years.
- ✚ **Real investment.** Off-grid power is an investment in your property. A once off investment means no more electricity bills; with little or no maintenance cost for about 20 years. Over time your investment grows - as power becomes more expensive, your property will be more attractive to prospective buyers.
- ✚ **Flexibility.** You can start with a small system and up-grade as your needs change. With hybrid options between renewable energy (solar, wind & hydro), grid power or generator, you can phase in your off-grid system over time. Or only use off-grid for certain energy needs e.g. lighting only.
- ✚ **Environmentally friendly.** There is a worldwide realisation that renewable energy is the only way to protect the planet's resources and ensure a better life for future generations. By going off-grid you are not only saving money, but also the planet.

Many look at the initial cost of off-grid power as prohibitive. However the facts speak for themselves. There can be no doubt that renewable electricity is a sound investment. If you are paying R2000 a month on electricity today – over the next 20 years you would have spent over one million Rand on electricity. Finance institutions are beginning realise the value of investing in renewable energy as it will definitely increase the value of your home. Even if you pay interest on the initial investment cost (by using home loan finance) the long term savings and increase in the value of home or business are well worth the investment.

In real terms, the longer you wait to change to off-grid power the more you lose. Paying electricity bills is an out-and-out expense, for which you get no return. By investing in renewable energy you start saving on this unnecessary expense from day one.

Take your first step toward the future

And start living a better life

