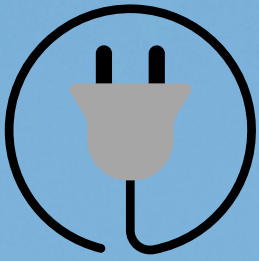


7 MISTAKES TO AVOID

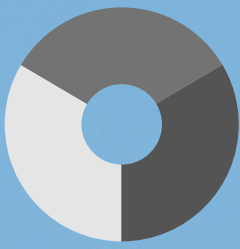
when considering a solar system



1

UNDERSTAND YOUR LOAD

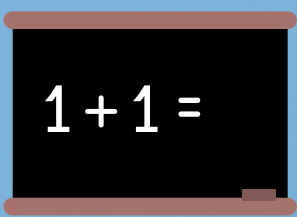
Know exactly what you want to power with your solar system and get a clear understanding of what your daily average load will be. This is the key to getting the calculations right from the beginning.



2

INVERTER AND SOLAR DON'T NEED TO MATCH

Your inverter capacity (2 / 3 / 5 / 8kva) does not need to match with your solar capacity. This is not what determines the capacity of the amount of solar panels you should install. As mentioned above it is your load profile and your battery capacity that determine the size of your solar array.



3

YOUR INSTALLER MUST EXPLAIN IT ALL

It might seem complicated and sound like rocket science but there are simple ways to explain all that is involved and how to manage the system. Ensure your installer explains it all.



4

THERE WILL BE LOW SOLAR OUTPUT DAYS

A very bright day but heavy clouds like the ones in this background photo will result in low solar output. You need to understand that for solar to be active it needs minimal clouds and bright sunshine. On rainy and dark days the solar production is virtually zero.



5

BELIEVING THAT SOLAR WILL REPLACE YOUR GEN OR GRID

Your Solar cannot replace your grid or generator 100%. No matter how large you can get your solar system to be, you will always require a backup power source from a generator or from grid (PHCN).



6

DON'T GO CHEAP

A good solar system will work best if it sized properly with your load profile and your battery capacity being the main determining factors. Let the system numbers/capacity be your yard stick. Work with a clear plan on what you want to achieve and go with it.



7

DON'T GO WITH A YES MAN OR WOMAN

Someone who says yes to all your demands, be it price, loads to carry, backup time to expect, will end up disappointing you. Accept that some things will just not work and your installer should be able to tell you this.