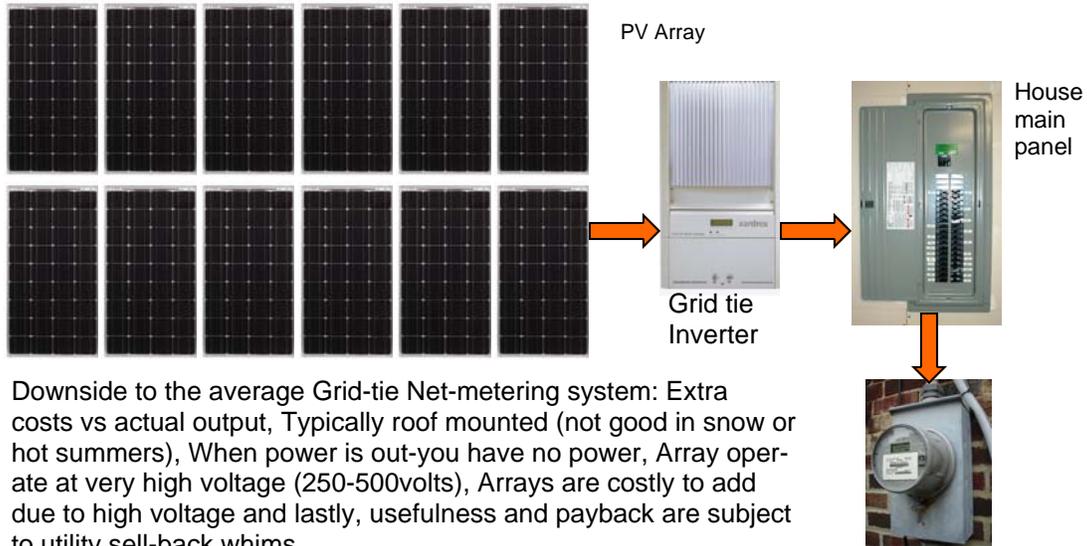


Comparison-Grid-tie/Net-metering VS Load Peak Shaving

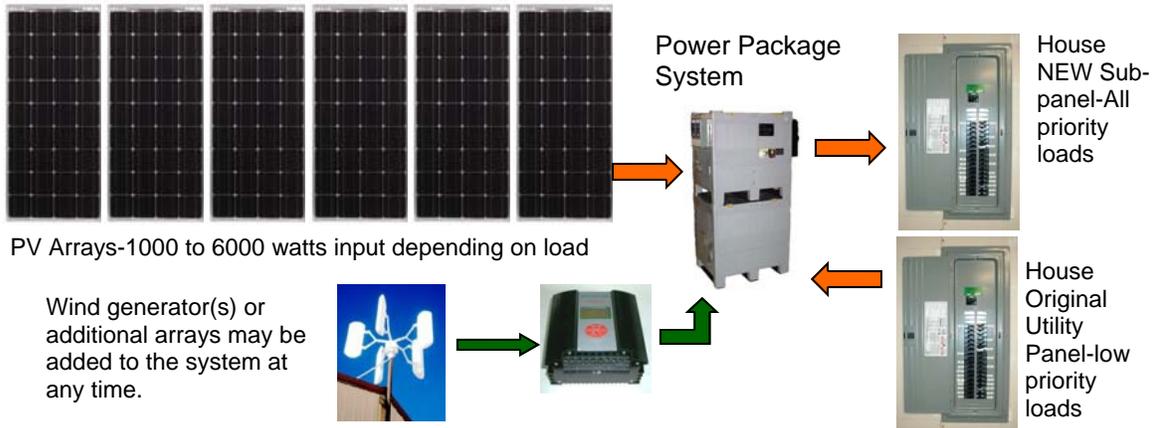
There are two way you can use Solar or Wind energy to reduce your electric bill. You can install either PV or Wind systems to feed into a net-metering system and rely on the utility to compute and calculate your bill based on a contract and the ability of the utility to pay you based on legislation, or You can install a permanent power system which will reduce your bill by directly offsetting your electrical load. Systems like these are called Micro-Grids and can then incorporate both Solar and Wind power into the same system (which the others cannot) and permanently reduce your bill, plus allow for simple and cost-effective expansion in the future. Both are eligible for tax incentives (while they last) and are equally reliable and easy to use.

Typical Net-Metering PV system

While this system may appear simple-there are a lot of rules and codes governing this arrangement which greatly add to the actual end cost. Permits, electrical costs, meters all add up.



Typical Power Package permanent power system-Micro-grid



While the Power Package system may cost a bit more up front, it is easy to install, in many cases no permits are required, does not rely on sell-back credits, reduces loads permanently and can be added to at any time, plus provides permanent back-up

Note: Batteries do not add to the cost of a power systems if they can be pro-rated over 15 years.