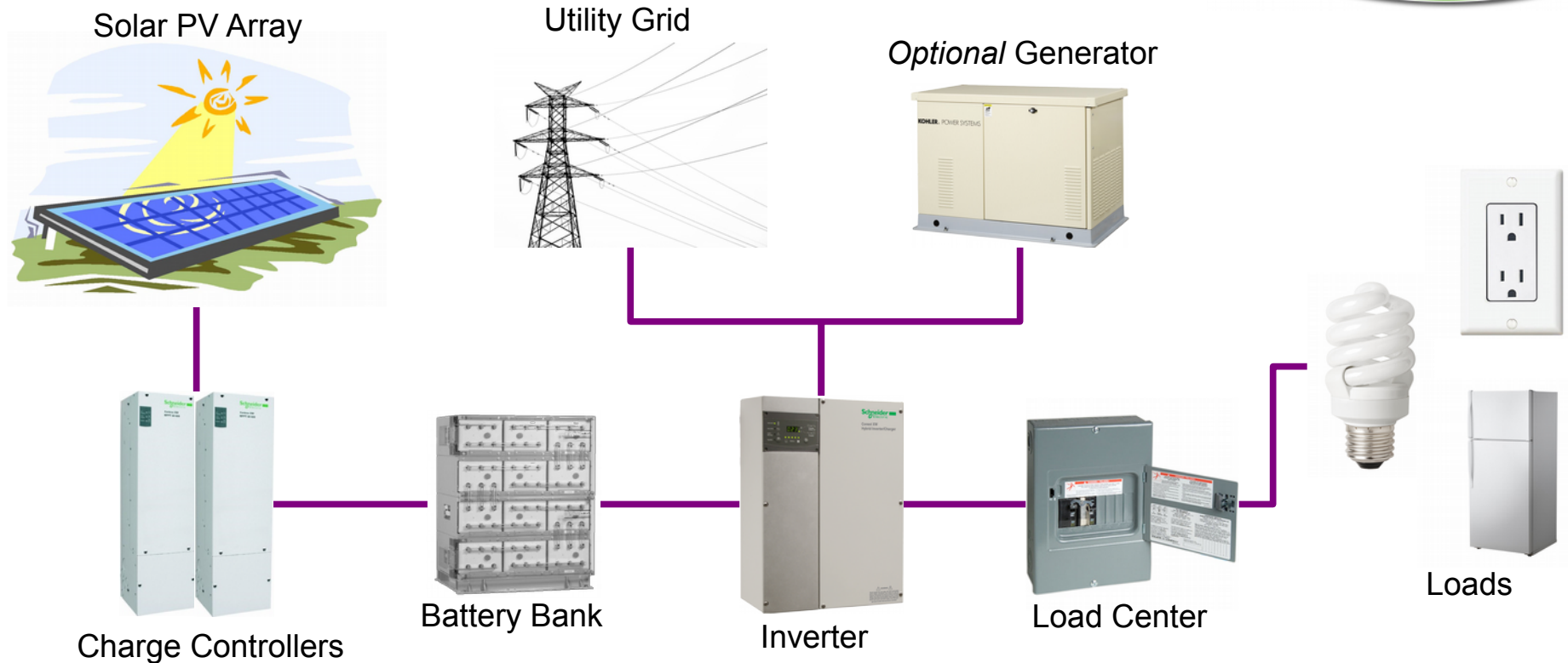


# Schneider System Example



The solar PV array runs through the charge controller(s) to charge and maintain the battery bank. Any excess energy is then used by the inverter for powering loads, and excess beyond that is optionally sent back to the grid.

The Schneider Conext XW+ Inverter powers the loads with pure sine wave AC, and will also maintain the batteries from the grid if solar is insufficient.

If the grid fails, the loads are powered by the batteries. Should the grid fail AND the solar production be insufficient, the batteries can be recharged via an optional generator so that the loads remain powered.