



# Installing CATCH with Grid Hybrid Batteries

## Background

With the growing popularity of batteries, it is common to be installing CATCH power with a Grid Hybrid battery system. Unless the installation is done correctly it is likely that battery energy will be used to heat the hot water via CATCH.

This document outlines the steps to correctly install CATCH Power with a Hybrid grid inverter.

## Wiring requirements

The goal of a Grid Hybrid inverter is to maintain a zero flow of energy to and from the premises; as it turns out this is also the goal of CATCH.

The wiring configuration below ensures the following solar energy priorities are maintained.

Priority 1: Solar energy is used to power loads in the premises.

Priority 2: Solar energy is used to charge the battery.

Priority 3: Solar energy is used to heat the hot water.

The important thing to note about the wiring schematic is CATCH Power is wired in on the LINE side of the hybrid inverter CT. Wiring CATCH outside the hybrid Inverter CT means the hot water load cannot be seen by the battery system.

