



Key:

$P_S$  = Solar power

$P_H$  = Hydro power (dynamic)

$P^*_H$  = Hydro power target (controllable)

$P_B$  = Battery power

$P_{B\_Max}$  = Battery maximum input/output power

$P_L$  = Load Power

Draw remainder from the battery if possible; draw residual from the grid

Put leftover power in the battery if possible, and pump residual into the grid