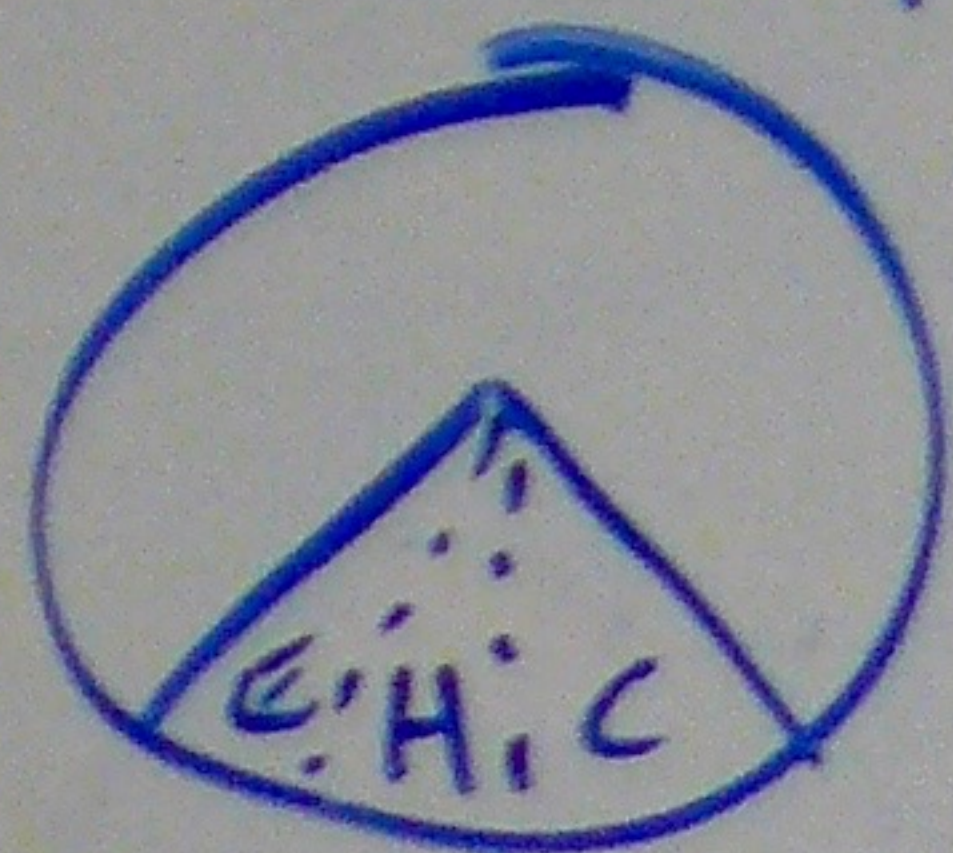


TOTAL ENERGY PRODUCED

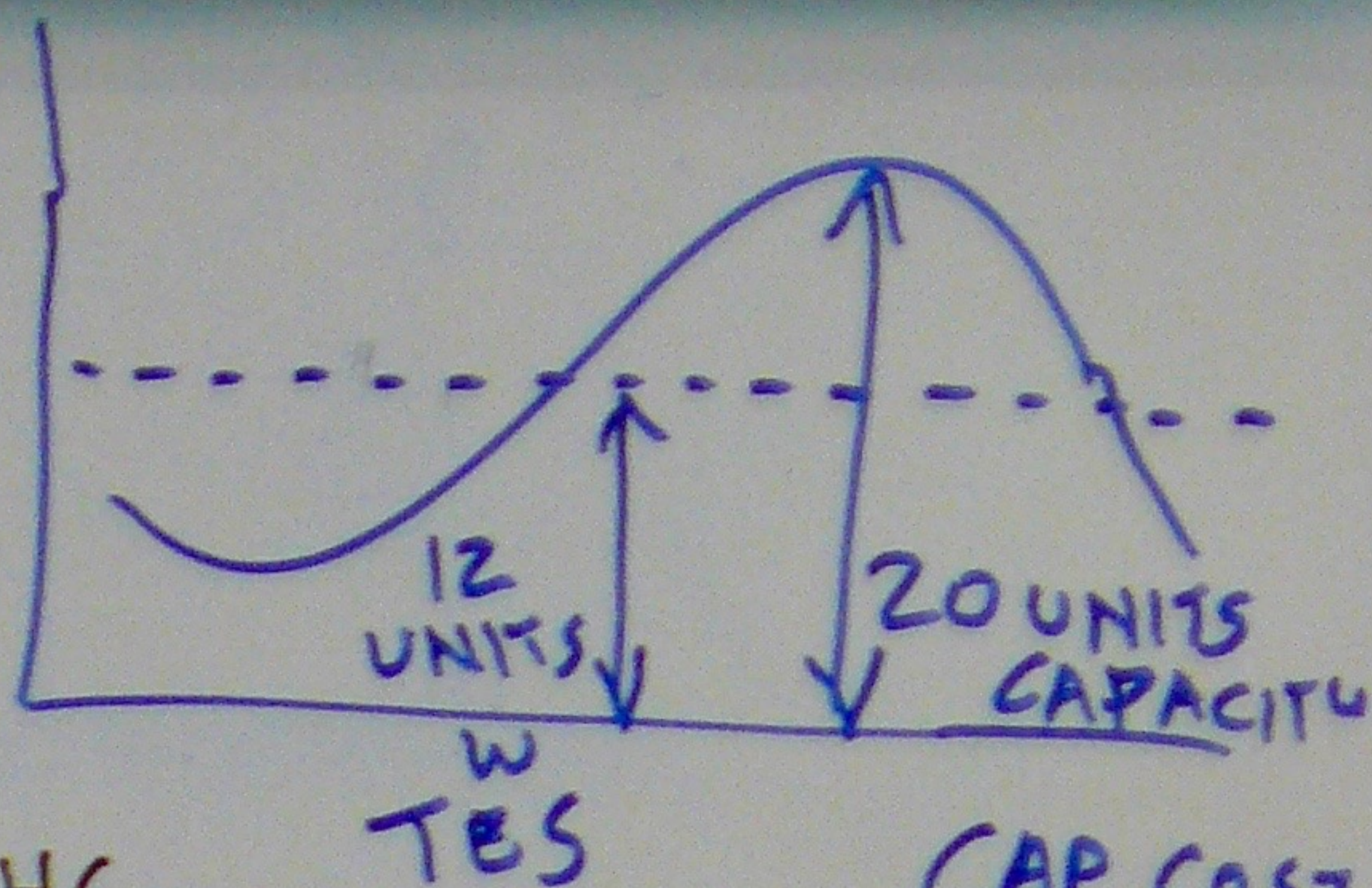


41% TO BUILDING / 33% GHG

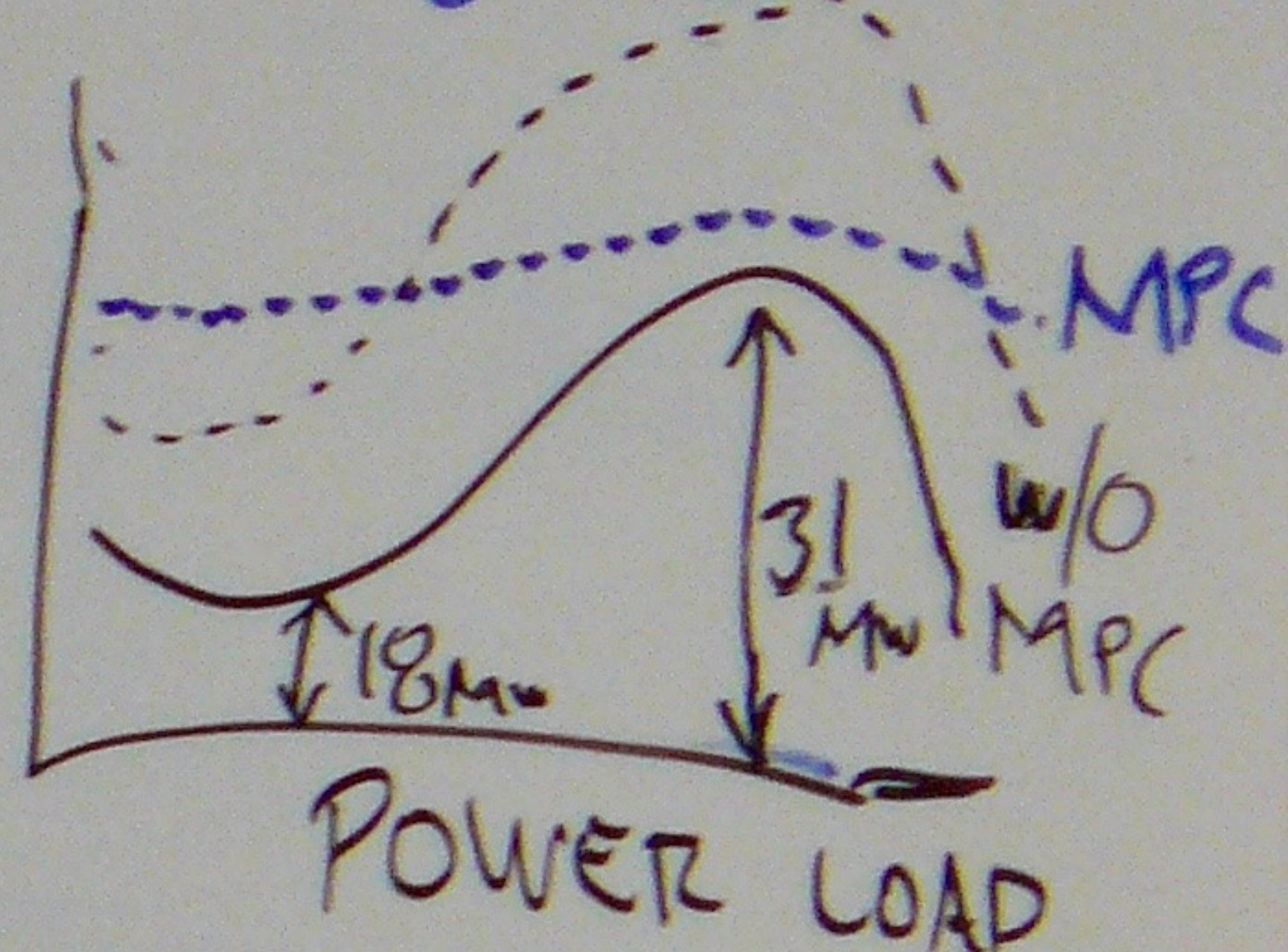
POWER > USUALLY ELECTRIC
COOLING >
HEAT — USUALLY FOSSIL

HR/ HX		FUEL REQ'D	SERVES
	HEAT PUMP	1x	H & C
	BOILER/HW	2x	H
	ELECT HTR	4x	H

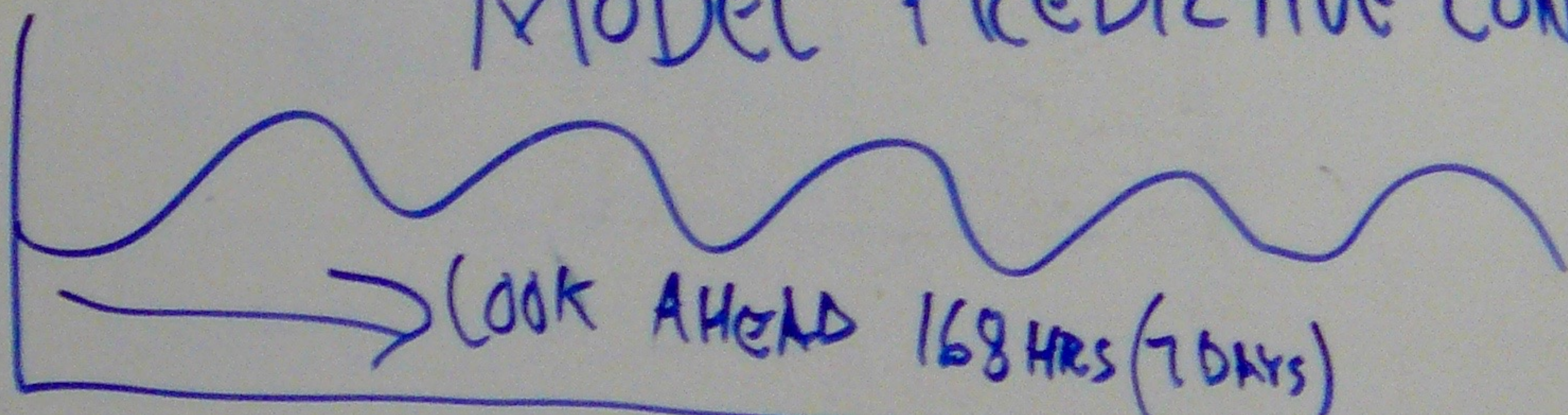
> 50% HZ IN LOWER 48 DENSE BUILT ENV.



TES 1x
Boiler/
Chiller 5x



MODEL PREDICTIVE CONTROL



w/o MPC	43 MW	72% LF
w MPC	36 MW	87% LF