

## PLUG LOAD EXERCISE

Calculate the annual energy consumption operating cost for each type of plug load

(Watts X Hrs/Yr)/1000 = kWh Per Year. Assume \$.10/kWh electric cost

SPACE HEATER	LAPTOP COMPUTER
Volts _____ Amps _____ Power Factor _____ Watts _____ Hrs/Yr Operation: 400 Kwh/Yr _____ Operating Cost/YR _____ Energy Savings Ideas?	Volts _____ Amps _____ Power Factor _____ Watts _____ Hrs/Yr Operation: 2000 Kwh/Yr _____ Operating Cost/Yr _____ Energy Savings Ideas?
BLOW DRYER	MOTOR
Volts _____ Amps _____ Power Factor _____ Watts _____ Hrs/Yr Operation: 200 Kwh/Yr _____ Operating Cost/Yr _____ Energy Savings Ideas?	Volts _____ Amps _____ Power Factor _____ Watts _____ Hrs/Yr Operation: 4000 Kwh/Yr _____ Operating Cost/Yr _____ Energy Savings Ideas?