SURGICAL ONCOLOGISTS FOR SUSTAINABILITY

SSO

Did you know?

Despite occupying just 4% of US commercial buildings, healthcare accounts for 9% of energy consumption or about 8-10% of total US Greenhouse Gas emissions

Reduced CO^2 emissions can save $$

One hospital saved **$33,000** using a "power down" initiative to turn off anesthesia, OR lights, and equipment when not in use

What can I do this month?

• Turn off computers on nights and weekends

• Remove and reuse batteries (AA, AAA, 9V, C and D) from disposable items like suction-irrigators before discarding!

More Resources

Simple changes to reduce cost and carbon

OR Energy Optimization Simulation

OR Sustainability

Energy Star

Equipment	Power [W]	Equipment	Power [W]
Batteries of the operation table	800 (1)	Electrosurgical unit	1150 (6)
PC	175 (2)	Insufflator (laparoscopy tower)	220
Anesthesia table and monitor	276	Video (laparoscopy tower)	150
Monitor (wall)	202	Xenon light (laparoscopy tower)	92/130/280/300 (7)
Monitor (arms) (x3)	84	Electrosurgical unit (lap. tower)	1150 (8)
Small monitor (arm)	30	Laser	2800 (9)
Mattress heater	1035 (3)	Ultrasound machine	580/700 (9)
Blood heater	1150 (4)	Extra laparoscopy tower	- (10)
Volumetric pump	- (5)		

(1) Charged in periods of inactivity (2) Always ON (3) Used in long operations (4) Intermittent electrical resistance (5) Negligible consumption (6) Maximum value (7) Stand-by/Low use/High use/Maximum (8) Very rare use (9) Nominal value (10) Same consumption as the main tower.