



Energy Efficiency in the OR

Use this worksheet to identify key stakeholders, plan for and implement an HVAC setback program that meets your facility, surgical department, and team's needs. Suggested key departments are listed with topics that could be used to aid in discussion. Some questions or factors may not be realized unless the conversation is started. There's no one-size-fits-all solution—each facility and team is unique, and needs a program that meets its specific needs. This worksheet is intended to help get the conversation around energy efficiency opportunities in the operating room started.

Name:

Organization:

Title:

City:

Phone:

State:

Email:

Zip:

BACKGROUND INFORMATION

How many ORs does your facility have?

Do your ORs have an HVAC setback system when the ORs are unoccupied and not in use?

BUILDING THE TEAM

Does your facility have a green team/sustainability manager?

Energy Manager

Name:

Contact Information:

Key concerns/questions:

Infection Prevention Specialist

Name:

Contact Information:

Key concerns/questions:

OR Nurse(s)

Name:

Contact information:

Key concerns/questions:

Surgeon/Clinician

Name:

Contact Information:

Key concerns/questions:

Other Contacts

Name:

Contact Information:

Key concerns/questions:

QUESTIONS FOR ENERGY/FACILITIES DEPARTMENT

Do state and local codes allow for OR air exchange setbacks?

Which version of ASHRAE 170 is the facility currently using?

Is the facility capable of setting back during off/unoccupied hours?

Are there room pressure monitors/controls?

Other Facilities/Engineering Notes:

HVAC SETBACK IMPLEMENTATION AT YOUR FACILITY

What mechanism will the facility use for HVAC setback in the operating rooms? (Schedule, occupancy sensors, etc.)

How will the OR switch back to occupied mode?

Role of clinical staff when switching out of occupied mode:

Role of engineering staff when switching out of occupied mode:

Is the team comfortable and facility ready for setting back air exchanges?

Has the team conducted any education for staff?

Any other notes:

See also:

Operating Room HVAC Setback Strategies, 2011.

http://www.ashe.org/management_monographs/pdfs/mg2011love.pdf

AORN Guideline ii.e.1