Workgroup for Imaging Management Solutions

Results of MPSA Power Management Survey

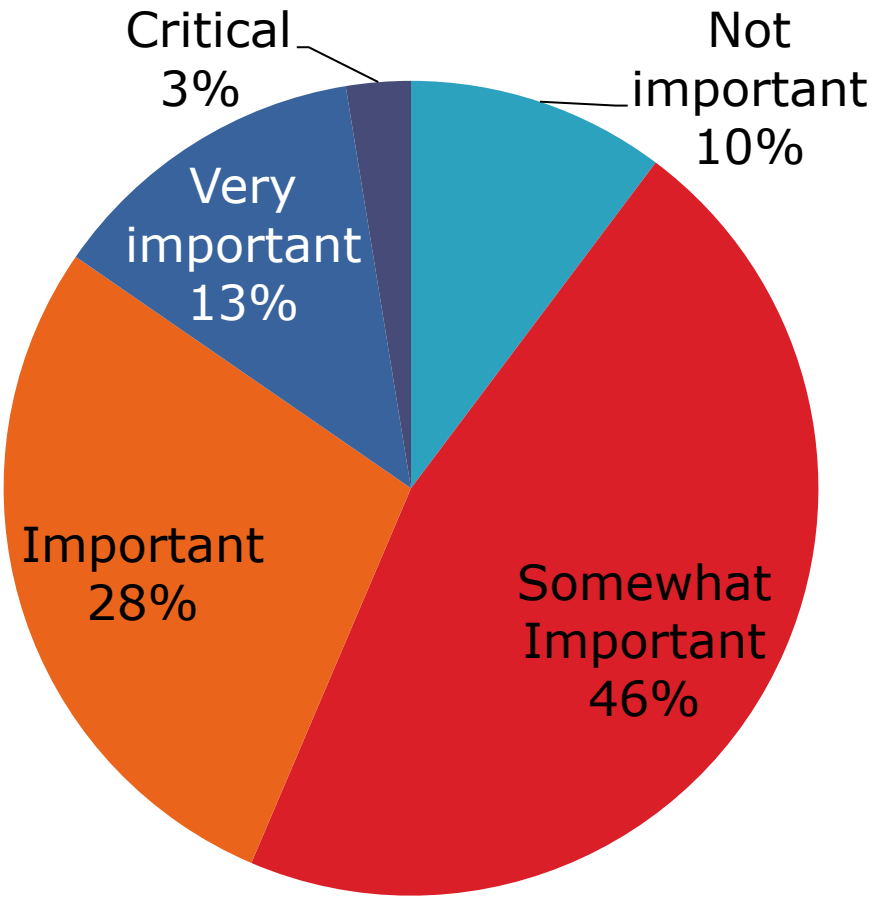
Face-to-Face Meeting

February 3, 2011
Wailea-Makena, HI

Background

- Survey of 14 questions presented in conjunction with Imaging Power Management article linked to by MPSA weekly newsletters.
- Open during December 2010 ad January 2011.
- 39 survey responses reported.
- Most questions had fairly complete responses.
- Responses should be taken in context: Suggest that many responses showing lukewarm interest reflect ignorance rather than disinterest.
- Comments interesting, particularly that “green” has a negative connotation in some areas.

How important is power usage in device purchasing decisions ?



What factors are considered in device power usage?

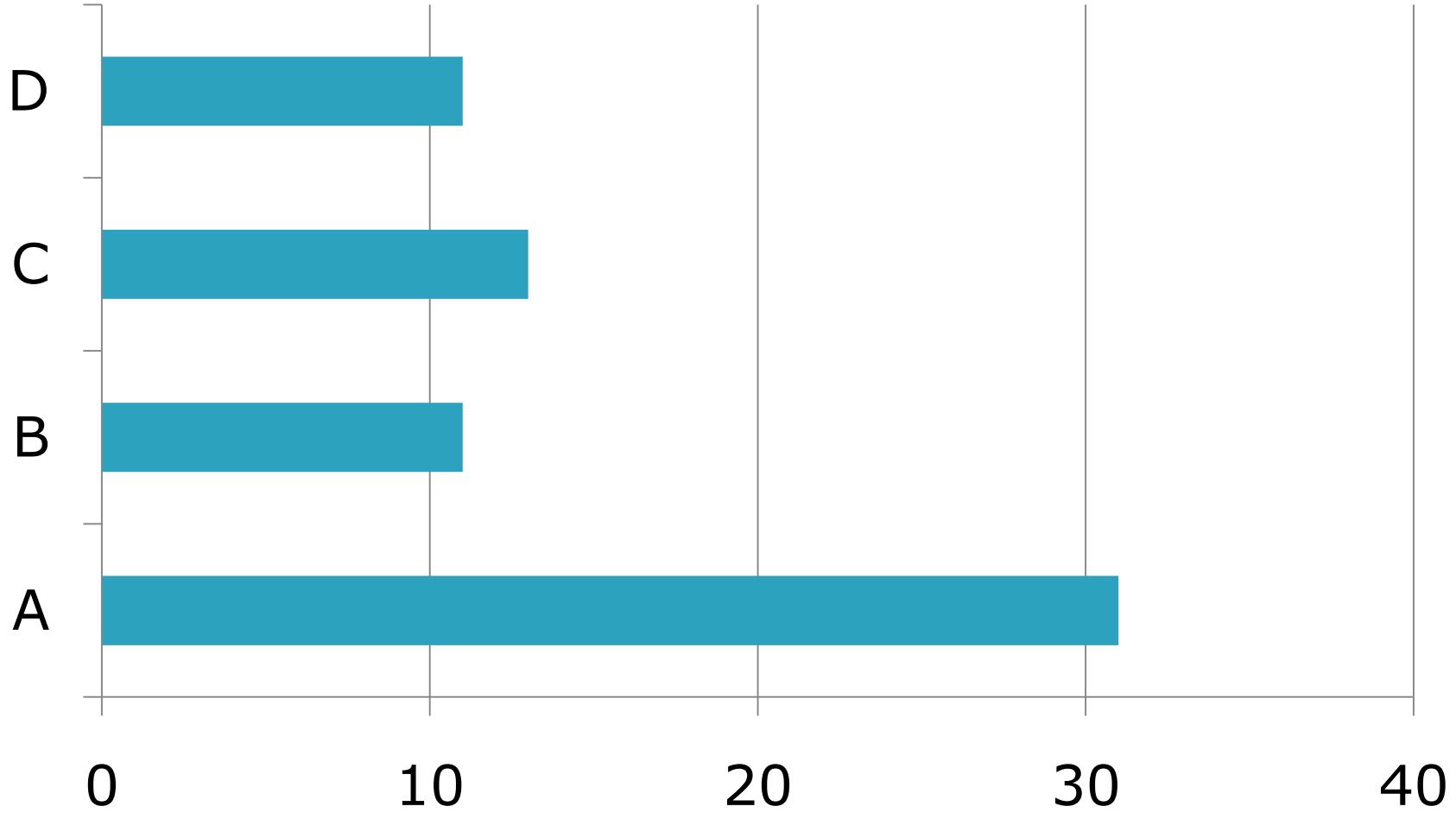
A. Published power consumption (by manufacturer and/or evaluation labs)

B. Support for configuration of power state change policies

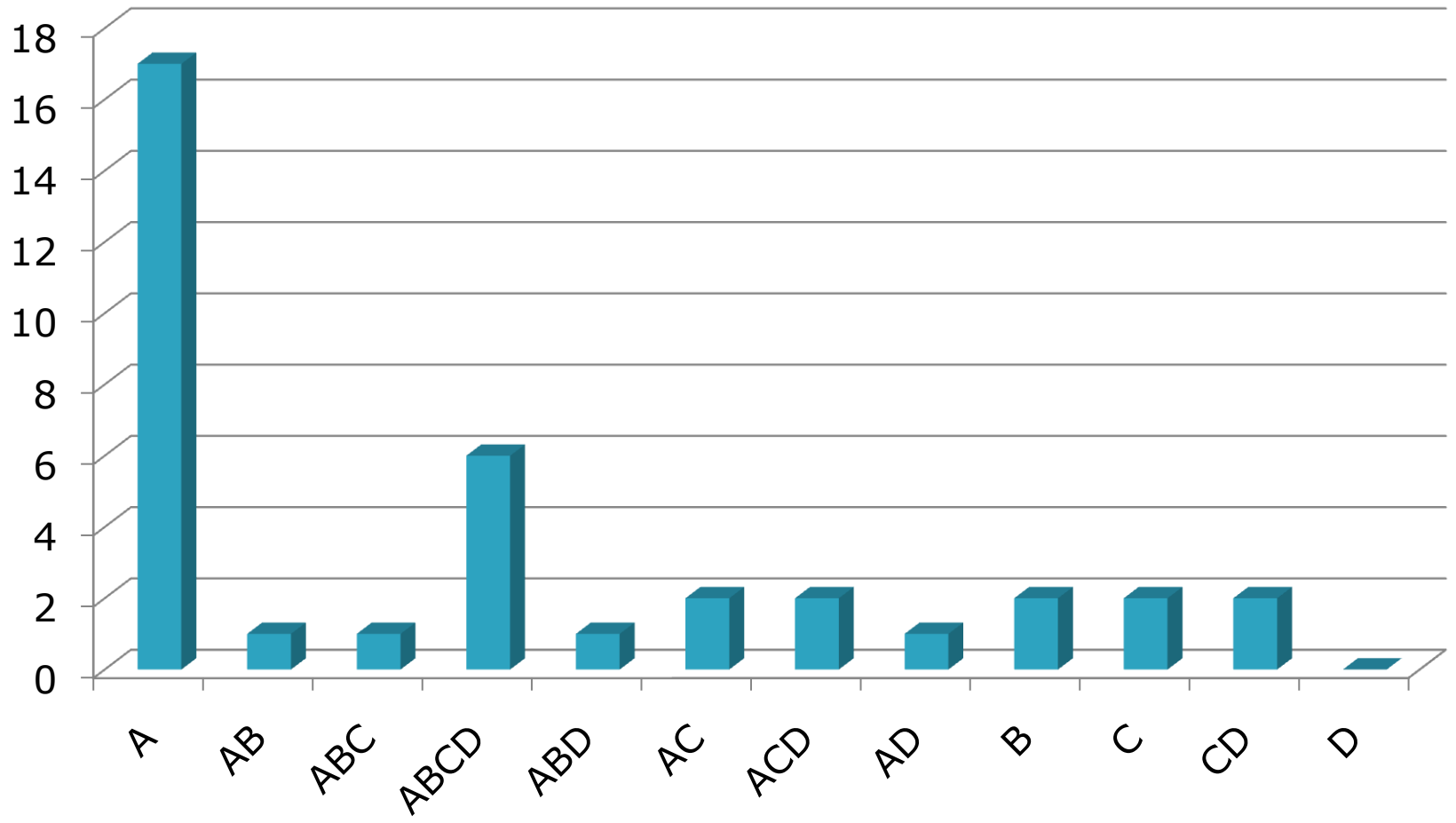
C. Idle power consumption (i.e., warmed up but not currently processing jobs

D. Hibernate power consumption (i.e., lowest power state that preserves context)

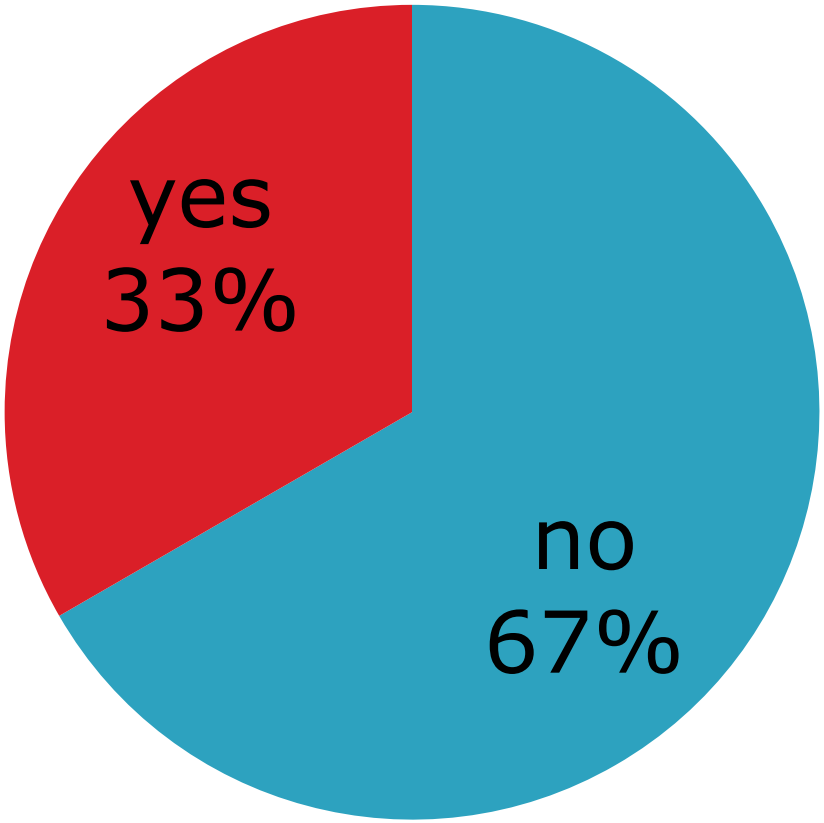
What factors are considered in device power usage? Totals



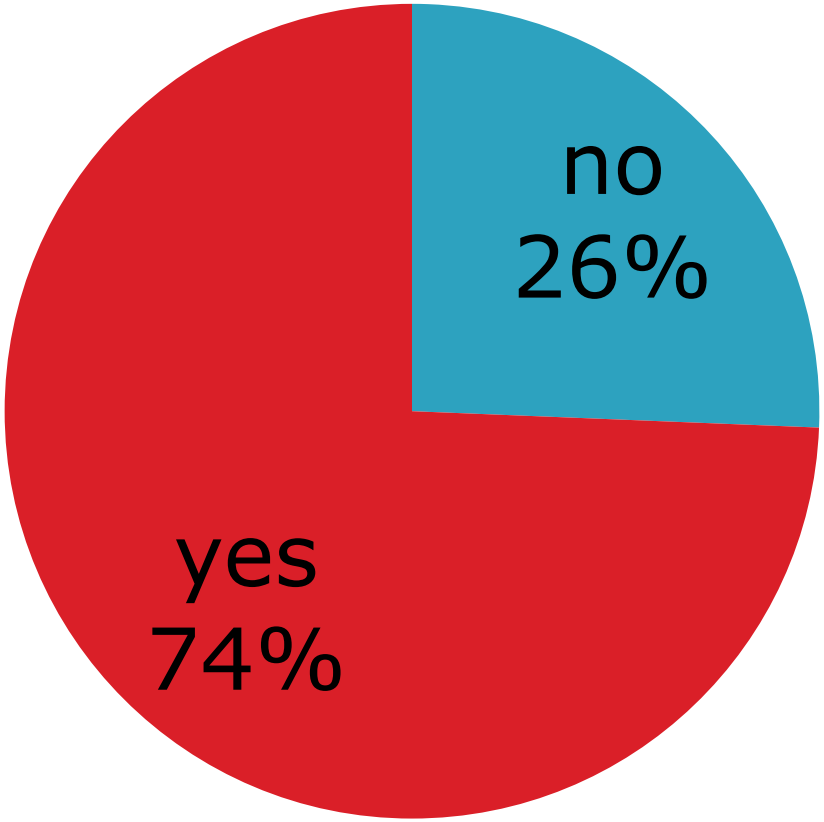
What factors are considered in device power usage? Combos.



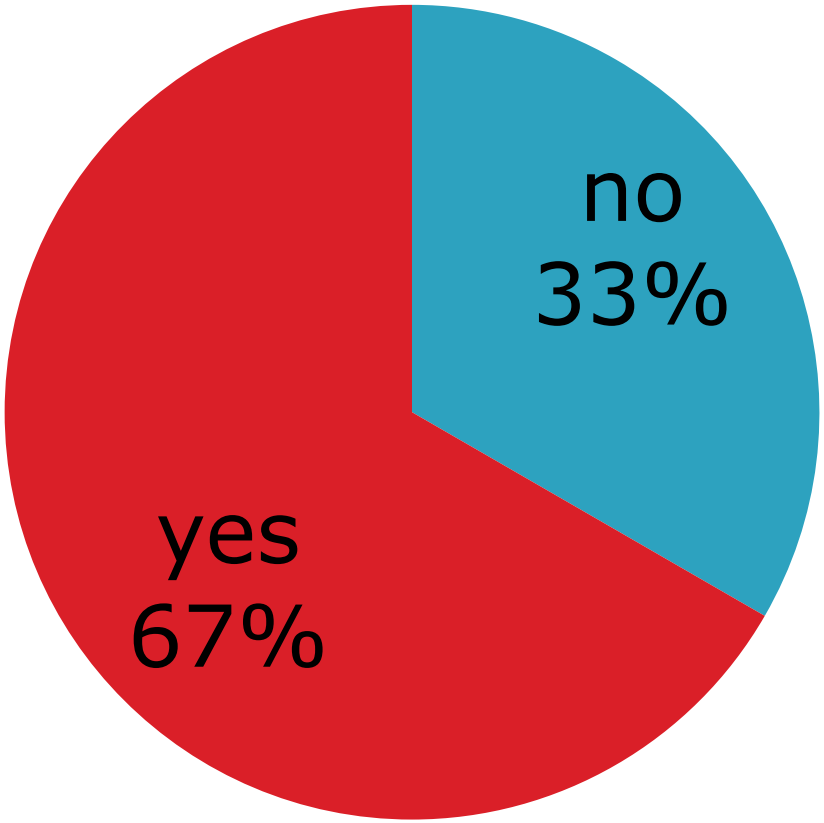
Do you use Fleet Management tools for Power Management?



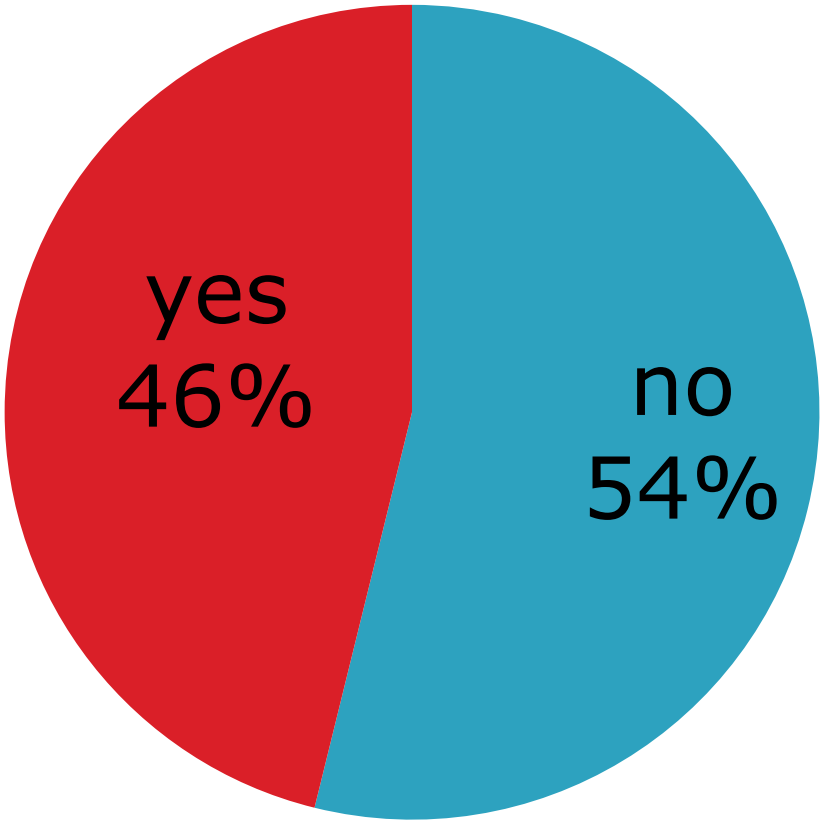
Do you want power state monitoring and logging ?



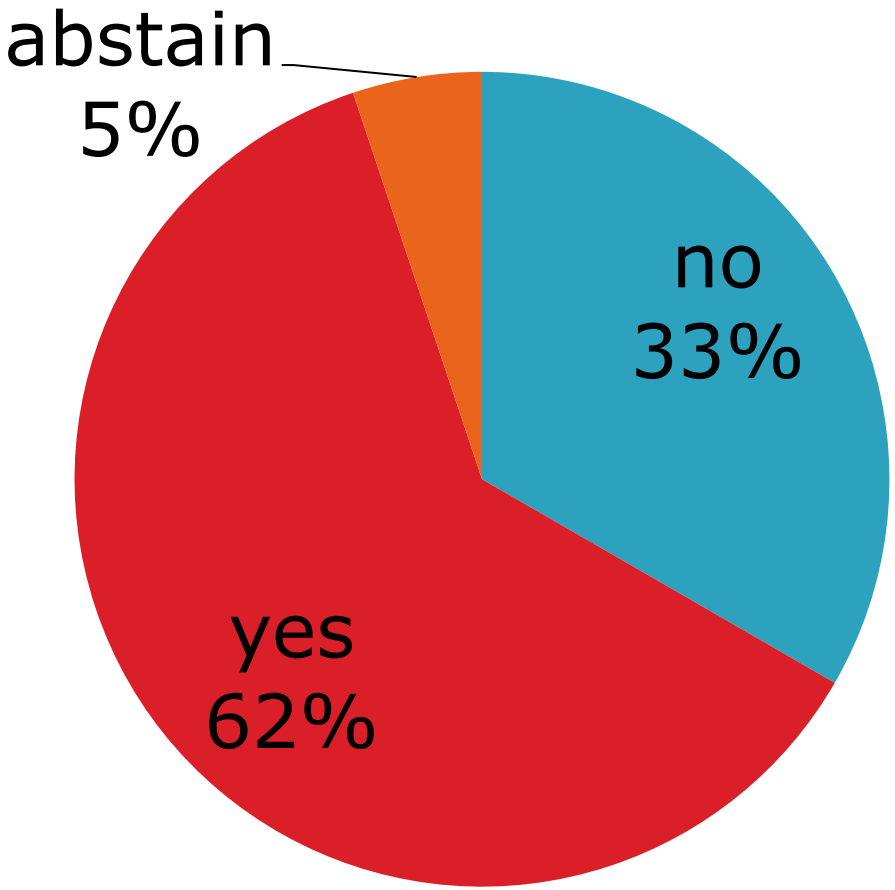
Do you want power usage meters?



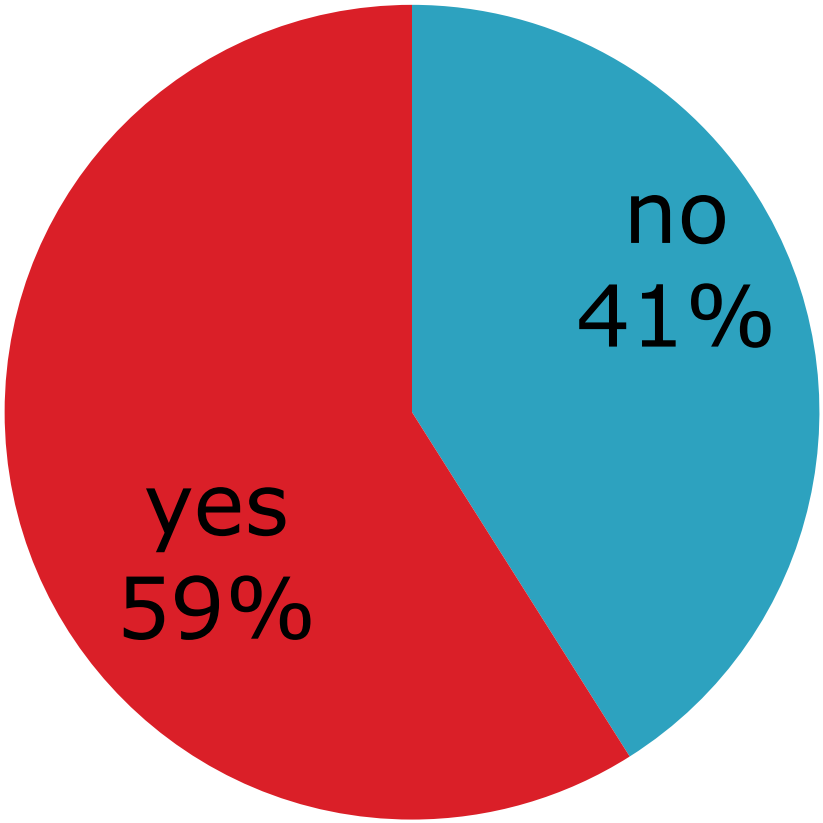
Do you want power state change notifications?



Do you want to know detailed power state capabilities?



Do you want to use remote power state change operations ?



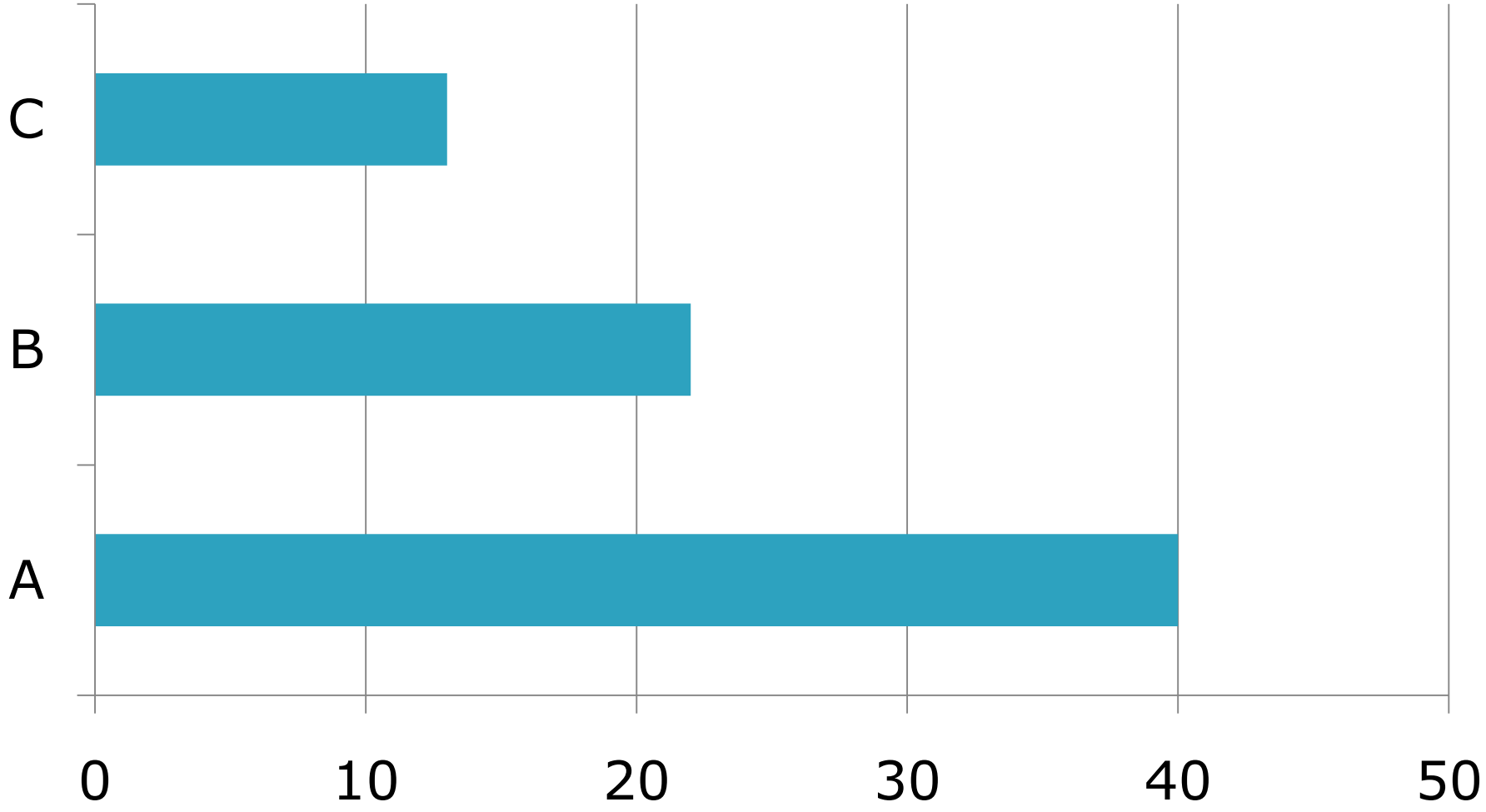
Do you want to configure power state change policies? How?

A. Calendar-based (e.g., Friday at 5pm --> Hibernate)?

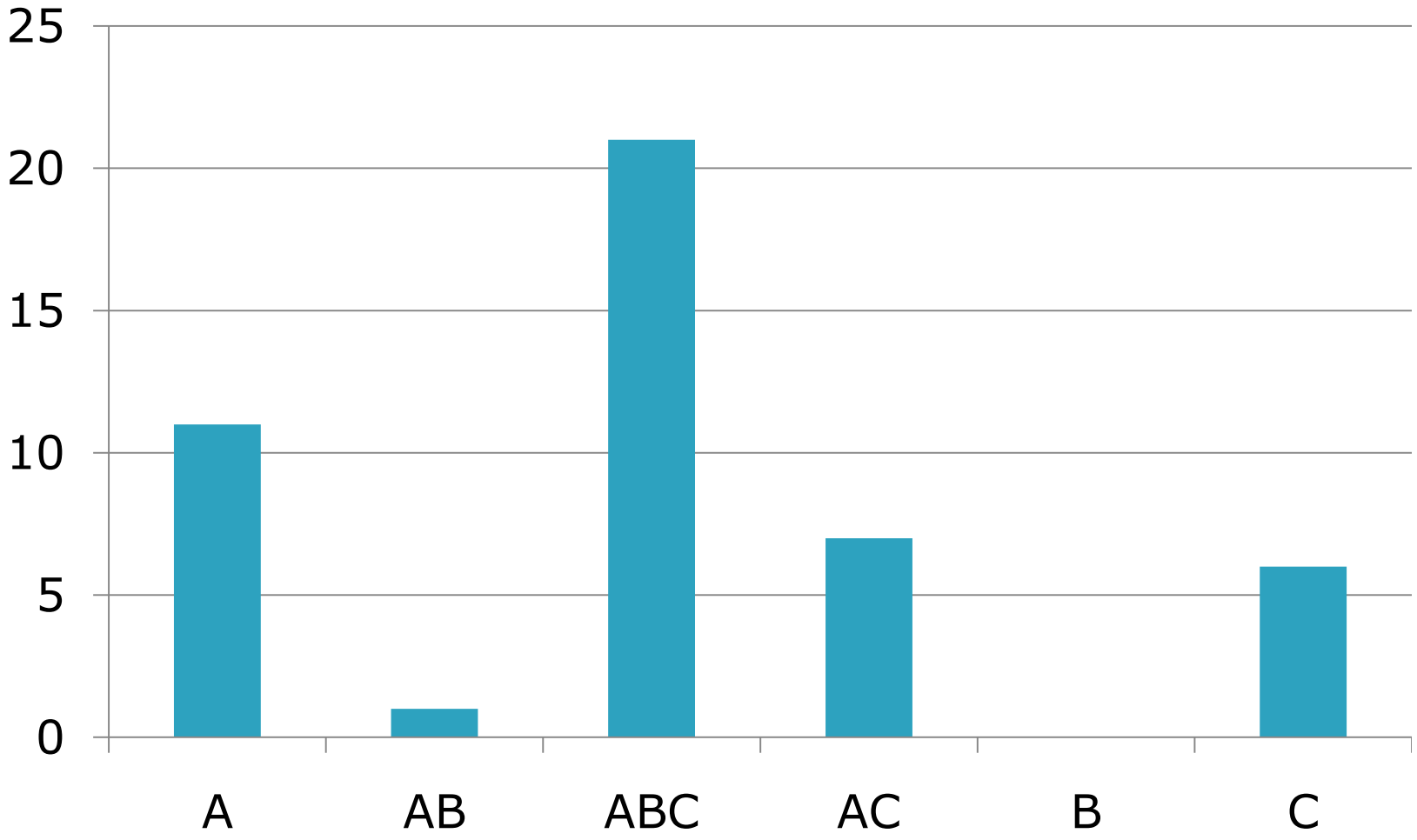
B. Event-based (e.g., paper jam --> Suspend)?

C. Timeout-based (e.g., 300 seconds idle --> Standby)?

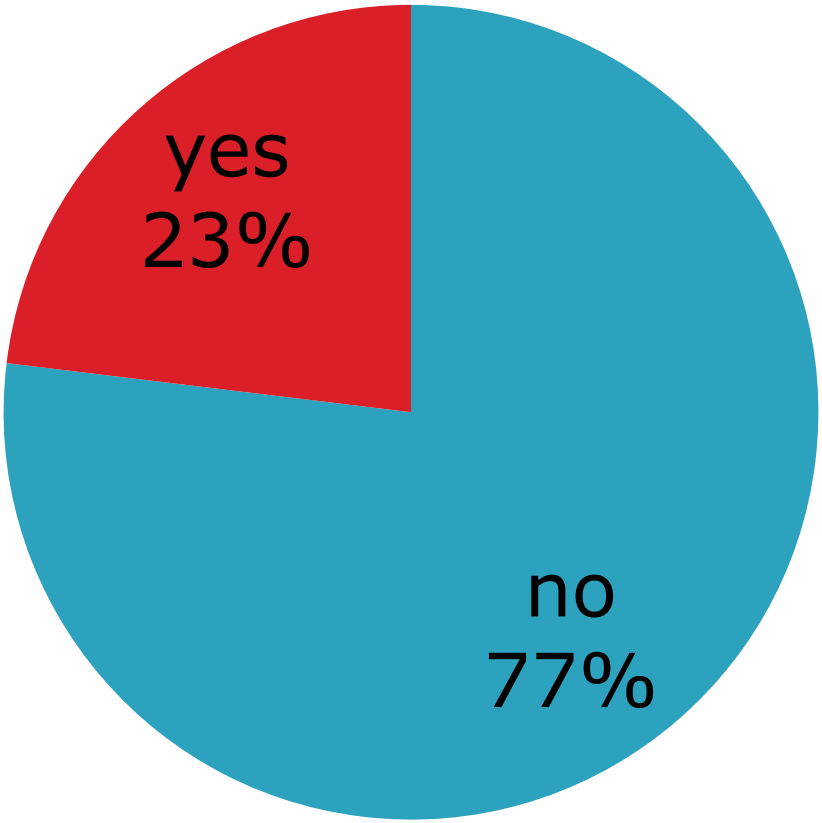
Do you want to configure power state change policies? How?



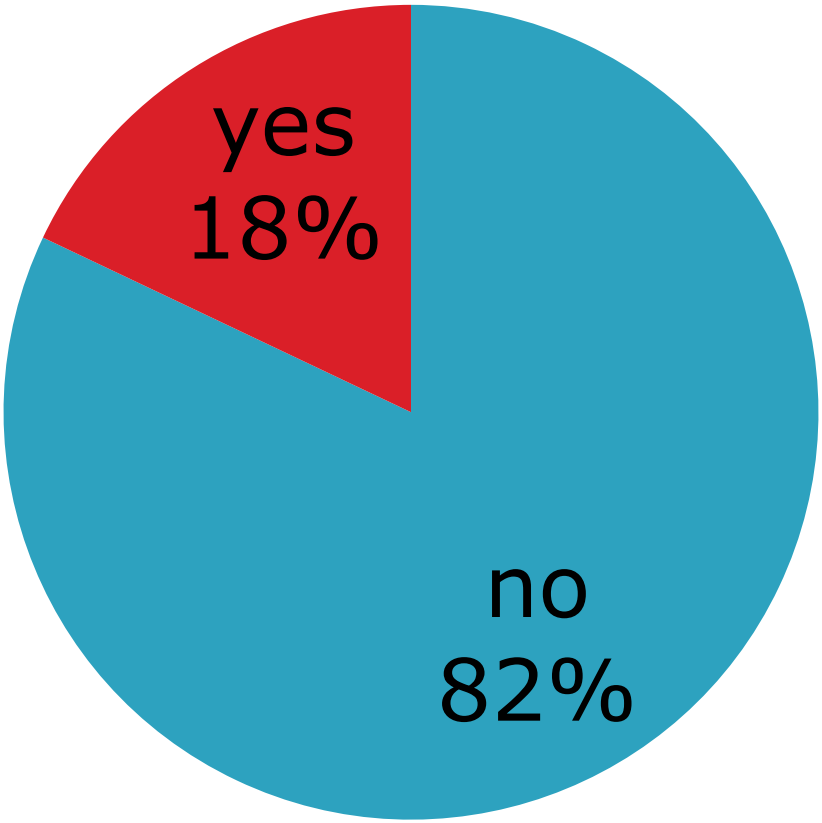
Do you want to configure power state change policies? How?



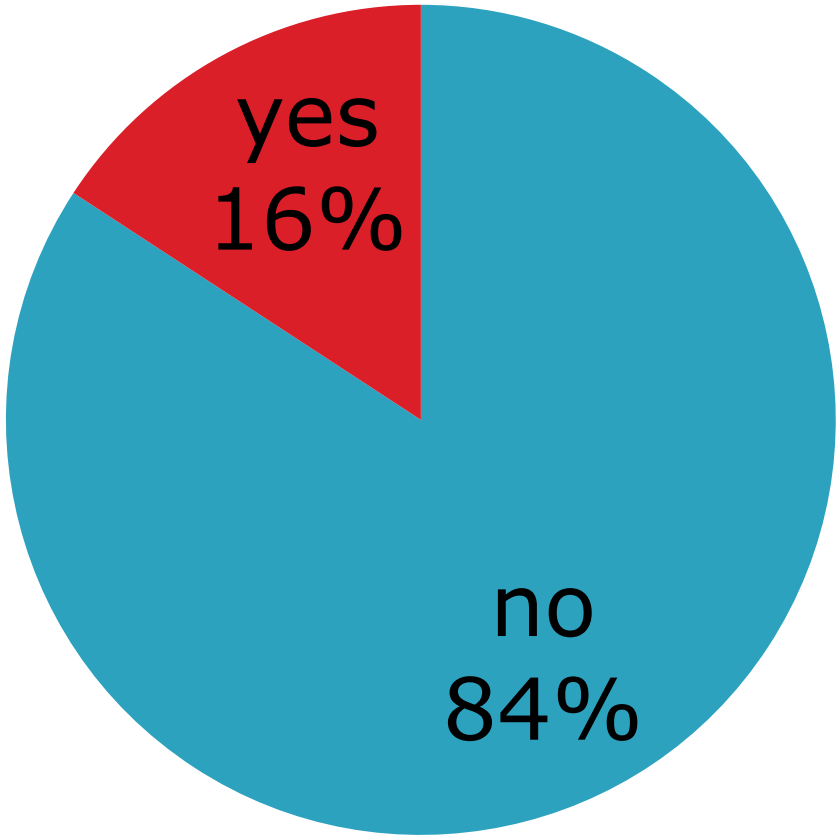
Are you aware of the ongoing PWG Power Management project?



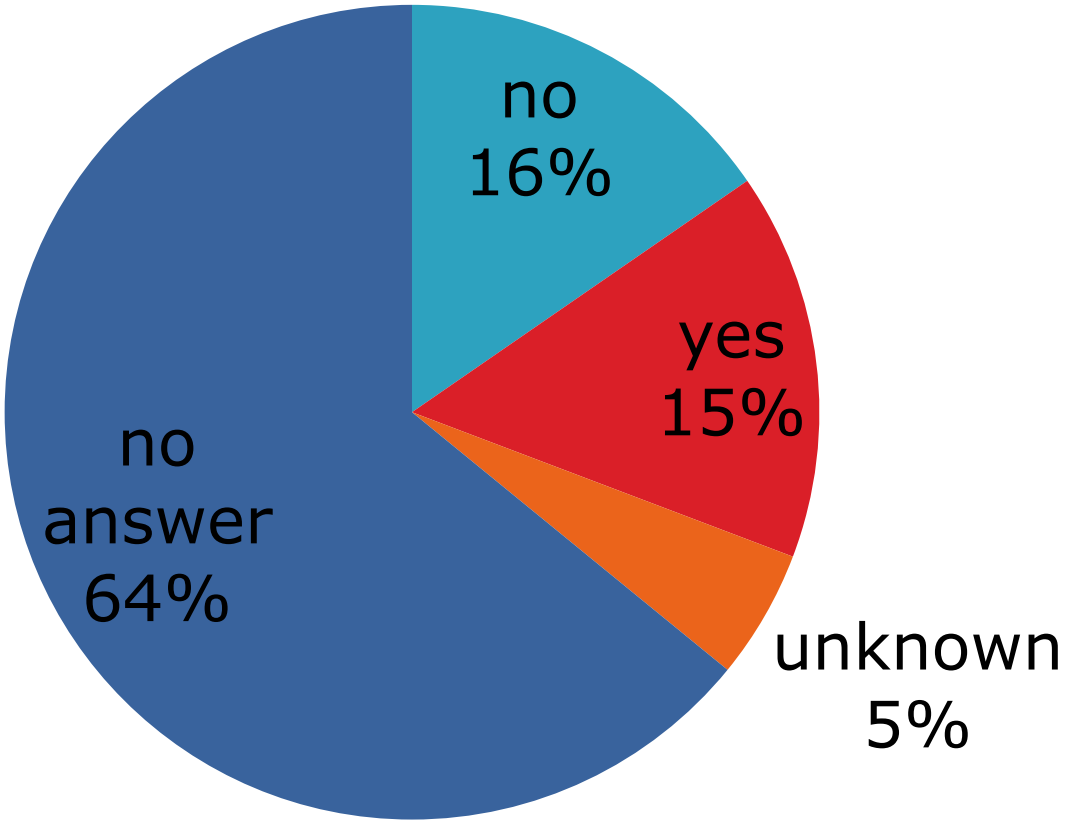
Are you aware of the new IETF Energy Management project?



Are you aware of DMTF CIM & ACPI power management standards?



Must new hardcopy equipment be compliant with a power standard?



Energy Star - 3
Good Environmental Choice Australia - 1

Other Thoughts

- The device should have the ability to have auto shut off and sleep modes and date based timers if the customer wants to implement them. I find mandatory functions being set that some user actually want to turn them off.
- Please include BMI+ImageNet in any findings, software developed from this project.
- Energy consumption is becoming more and more an issue especially with raising power costs.
- Need a TCO calculator for clients to quantify the benefits
- Calculate the savings after the implementation would be very strong

Other Thoughts

- If a generic standard isn't developed the numbers generated by each supplier will be slanted to their preferred measurement systems
- Customer in general do not know technical issues,items,specs, as well as the unit of measurements. It will a dealer that has the technical understanding of all the for mentioned and some % of dealers out there now do not know enough about the for mentioned. This could be why the importance of consuming power is not as big of a topic as it should.

Other Thoughts

- Using the GREEN aspect in reasoning for power savings should be the last item on the list. The GO GREEN has been over used and in some cases I have read articles that a company was stamped GREEN only to discover later they obtained it falsely. This then in consumers' minds puts GREEN as another government buzz word. Concrete facts and education is needed before consumers understand the positive impact on power savings can have on multiply aspects on the economy, life of consumables (ie fuser, life of the machine, and many more items).