

HP

HPE2-B10

HPE IT Sustainability Solutions

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Question: 1

A customer reports that the energy used per transaction processed has fallen year on year. Their total electricity consumption over the same period has risen.
What best explains this pattern?

- A. Transaction volume grew faster than efficiency improved
- B. Efficiency work always raises total consumption over the long run
- C. Electricity prices rose, which increased the reported consumption
- D. The efficiency measurements must have been calculated wrongly

Answer: A

Question: 2

What effect does showing each team the energy cost of its own workloads tend to have?

- A. Teams are relieved of responsibility for the central facility
- B. Teams will reduce consumption faster than a central program
- C. Total consumption falls automatically once figures are published
- D. Teams begin to weigh consumption when making design choices

Answer: D

Question: 3

Why should the power-management defaults on newly installed equipment be reviewed?

- A. Defaults prevent the equipment from reporting its consumption
- B. Defaults are set by the installer rather than the manufacturer
- C. Defaults commonly favor maximum performance over efficiency
- D. Defaults expire and must be renewed at each support renewal

Answer: C

Question: 4

A customer decommissioned a large number of idle servers. Total site energy fell noticeably, and the site's reported power usage effectiveness got worse.
What explains this?

- A. Power usage effectiveness rises whenever total energy falls
- B. Facility overhead is now spread across a smaller IT load
- C. Removing servers increased the energy used by cooling equipment
- D. The measurement boundary changed when the servers were removed

Answer: B

Question: 5

A customer's data center is close to its power limit and they are considering funding an expansion. An audit finds that a large share of the installed servers show almost no processor activity over a full month, although they remain powered and cooled.
Which opportunity does this situation most directly present?

- A. Decommissioning equipment that draws power without serving work
- B. Reporting the site's energy use to stakeholders more frequently
- C. Negotiating a cleaner electricity supply contract for the whole site
- D. Replacing the site's cooling plant with a higher efficiency system

Answer: A

Question: 6

Why do small per-device savings matter across an access point estate?

- A. Each access point is metered separately for billing purposes
- B. Access points cost less to replace than to operate efficiently
- C. The devices are numerous, so each saving repeats across the estate
- D. Access points draw more power individually, so the count matters less

Answer: C

Question: 7

What distinguishes an actionable sustainability strategy from an aspirational one?

- A. An estimate of the reduction each initiative might deliver
- B. Named owners, funded milestones and a measured starting position

- C. A comprehensive list of contributors, emission sources and boundaries
- D. A published commitment endorsed by the whole executive team

Answer: B

Question: 8

A customer is displacing a large quantity of serviceable equipment during a refresh. Which two routes keep the embodied carbon in service?
(Select two.)

- A. Returning it through a vendor take-back and resale program
- B. Storing it as spares until a future requirement appears
- C. Writing it off so the replacement can be capitalized
- D. Sending it for material recovery through a licensed recycler
- E. Redeploying the equipment onto workloads elsewhere in the estate

Answer: A,E

Question: 9

What is meant by the claim that the least carbon-intensive capacity is capacity never deployed?

- A. Deployed capacity emits only while it is actively processing workloads
- B. Undeployed capacity can be brought online later at no cost
- C. New capacity is always more efficient and cheaper to run
- D. Avoiding a deployment avoids both its manufacture and its operation

Answer: D

Question: 10

A customer's data center reports facility overhead close to the best figures published in the industry. An inventory finds that most of the installed servers run at very low utilization. What should the advisor conclude?

- A. The overhead figure must have been calculated incorrectly
- B. The facility has no opportunity left while its overhead stays low
- C. The facility is efficient while the IT load itself is wasteful
- D. Utilization has no bearing on the facility's energy use

Answer: C

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