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ABSTRACT OF THE DISCLOSURE

**SYSTEM AND METHOD FOR MANAGING STORAGE
DEVICE CAPACITY USAGE**

Information handling system storage devices are managed to reduce power
5 consumption by consolidating stored information to less than all of plural storage
devices and powering down the storage devices that are no longer storing information.
If a predetermined buffer of unused capacity is detected at the storage devices, then a
powered down storage device is powered up to store additional information. The
storage devices are consolidated to maintain desired performance parameters, such as
10 by monitoring I/O performance for information stored on active storage devices.

FIG. 4