

# Energy Consumption Under Control

Not only are our PowerEdge servers leading in energy efficiency, we also give you ultimate control with automated power and thermal management!

With [OpenManage Enterprise with Power Manager](#) you can truly benefit from datacenter level cooling efficiency. When your servers are operating at the right temperature you will reduce energy waste, reduce wear and tear on your equipment and extend the life of your investment, which are **key to reducing the carbon footprint of your datacenter.**

**Reduce power consumption during off peak hours** with policy automation to place power caps on racks/rows/room of servers.

- Prevent server downtime connected to power and thermal.
- Decrease expenses related to power and cooling.
- Meet government mandates associated to carbon reduction.

**Identify issue on individual servers or racks** and address it before it creates an SLA impact.

- Identify heating issues
- Emergency Power Reduction (EPR)
- Alerts

**Ultimate control with automated power & thermal management** let you know who is consuming power with detailed historical reports (back to 1 year) for individual devices and racks/groups.

- Accurate charge back – physical and VMs.
- Identify power and thermal anomalies.
- Move a server into production fast.
- Identify “zombie/ghost/comatose” servers.

**What you can expect from Dell Technologies:**

We are committed to manufacturing our PowerEdge servers with the future in mind: Server technology and innovation can continue to advance and provide high performance in data centres, while simultaneously helping preserve our environment.

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