

10.3.7 Service clearance areas

z14 servers require specific service clearance to ensure the fastest possible repair in the unlikely event that a part must be replaced. Failure to provide enough clearance to open the front and rear covers results in extended service times or outages.

For more information, see *IBM 3906 Installation Manual for Physical Planning*, GC28-6965.

10.4 Energy management

This section describes the elements of energy management to help you understand the requirements for power and cooling, monitoring and trending, and reducing power consumption. The energy management structure for the server is shown in Figure 10-8.

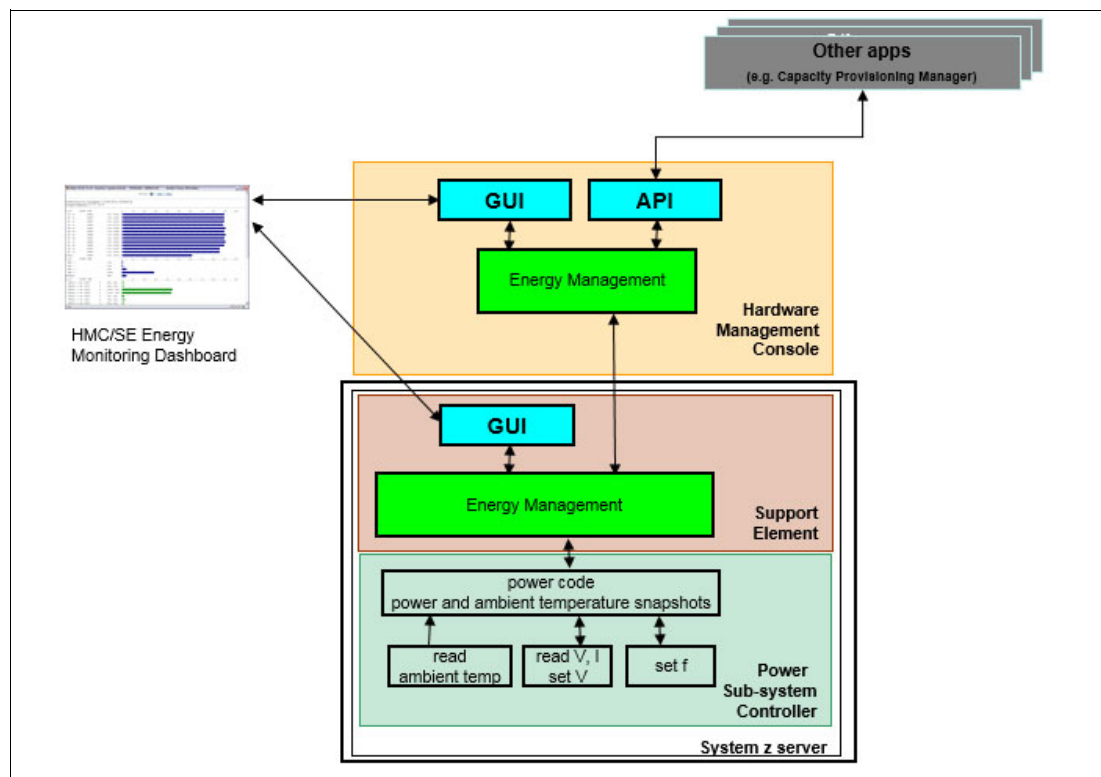


Figure 10-8 z14 energy management

The hardware components in the z14 server are monitored and managed by the energy management component in the Support Element (SE) and HMC. The graphical user interfaces (GUIs) of the SE and HMC provide views, such as the Monitors Dashboard and Environmental Efficiency Statistics Monitor Dashboard.

The following tools are available to plan and monitor the energy consumption of z14 servers:

- ▶ Power estimation tool on Resource Link
- ▶ Energy Management task for maximum potential power on HMC and SE
- ▶ Monitors Dashboard and Environmental Efficiency Statistics tasks on HMC and SE