

# **Dynamic Power Optimization of Servers in Network Room**

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## **Abstract**

*Dynamic power variation grows dynamically with the development of power management technologies in server and communication equipments. So, dynamic power variations are taking place in data centers and network rooms. Because of this variation, data centers and network rooms face with undesired problems. So, the optimization technique is needed for dynamically varying power consumed equipments. This system is designed to monitor the time varying dynamic power consumption information. The system also gives the dynamic power optimization facility. The power optimization facility is implemented according to the power assure technology. This technology prevents brunch circuit overload, overheating and loss of redundancy. The entire system is implemented by using Java programming language.*