Appendix E: Remote Power Cycling

The Auxiliary Data Center racks will be fitted with remote control capable power strips. These power strips will enable remote access via TCP/IP and a web service on each strip. By using this capability, IT Services can turn individual power outlets on/off and can monitor the state of power strips.

Devices hosted at ADC will be able to take advantage of this remote service as part of the basic services in the server room. Outlets will be grouped into pairs to reflect the fact of dual corded devices. Clients may call the ITOC at any hour and ask for a remote power cycle of their devices (this will save a trip to ADC for a reboot).

ITOC will work with clients to practice the procedure and to set up identification procedures.

In the case of an HVAC emergency where ADC loses its cooling, ITOC and TFAC will work together to use the remote power off capabilities to shed load and avoid overheating of the server room and its content.