

# **FCC Power Capacity Status**

## **May 3-10, 2010**

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# FCC Power Capacity Status

Power Reading From This morning, May 10<sup>th</sup> at 07:10 AM

## FCC UPS and Building Power

- ▶ Building: **1400A** / 1520A (92%)
- ▶ UPS1: **388KVA** / 400KVA (97%)
  - **1091A, 1083A, 1072A** / 1110A
- ▶ UPS2: **27.5KVA** / 57KVA (48%)
  - Includes network racks non-UPS power (street) failover 4KVA
- ▶ UPS3: **84.7KVA** / 95KVA (89%)
  - Small number of power receptacles available
  - CMS to decommission 3 racks of disk arrays (~15KW)
- ▶ UPS4: **76.4KVA** / 95KVA (80%)
  - Phase A near maximum capacity (**258A** / 263A)

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- ▶ Information on Sharepoint site

<https://sharepoint.fnal.gov/cd/Incident%20Status/default.aspx>

- ▶ Systems turned on: **6** (4 of 6 new systems)
- ▶ Systems on priority wait list to turn on: **14**
- ▶ Systems in power OFF status: **43**
  - Doesn't include systems off that are candidates to move to LCC or GCC, or be decommissioned

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- ▶ New requests awaiting provisioning of power on UPS1: **11** (Includes requests from CMS, FermiGrid, CSI, DMS, FPE)
- ▶ Estimate of total Power usage for all known new requests for FCC: **~60** KVA
  - Estimate of Power usage for 11 new requests for UPS1 which are on dock or soon to arrive: **~9.5** KVA
- ▶ Next? Identify systems that could relocate to GCC or LCC (FCC Inventory)

# Systems Retired by User through the SysAdminDB interface

Systems Retired by User in FCC computer rooms: **86**  
(revised down from 88 last week)

- **64** systems for excess so far (status was Retired by User)
- **22** systems pending
- ▶ **17** additional systems for excess (as per PSMs with Equipdb “Issued” status)
- ▶ **81** Total for Excess (60% of systems pulled so far)
- ▶ **9** total systems needed to be powered down (and were when asked)

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- ▶ Division Guideline – Installations, uninstalls/removals and moves of systems within the data centers must be coordinated through Facilities
  - Functional Goals
    - Maintain recent FCC inventory
    - To allow proper Power loading and phase balancing
    - Tracking of power distribution (used and available receptacles)
    - Space utilization
    - Asset tracking (equipDB)

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Questions?

