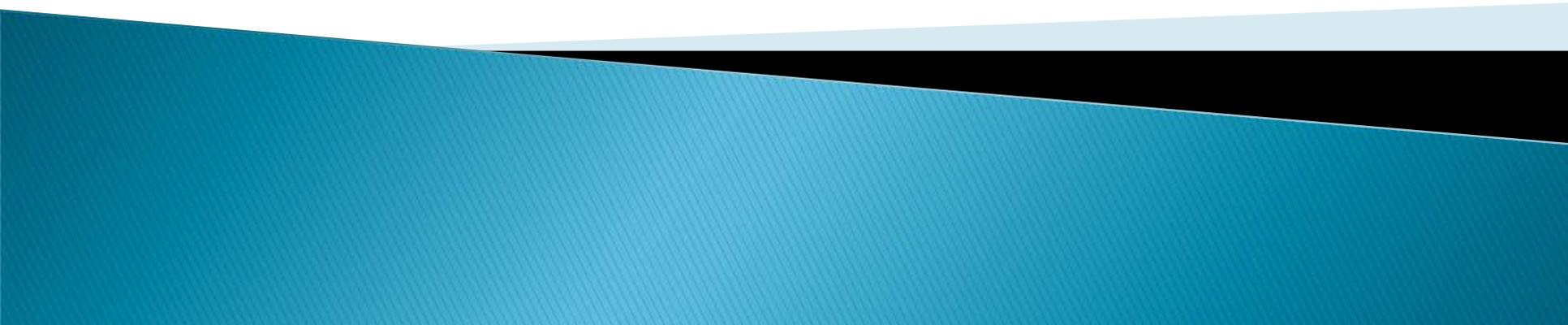


FCC Power Capacity Status

May 10-17, 2010

Tim Kasza



FCC Power Capacity Status

Power Reading From This morning, May 17th at 07:00 AM

FCC UPS and Building Power

- ▶ Building: **1400A** / 1520A (92%)
- ▶ UPS1: **385KVA** / 400KVA (96%)
 - **1078A, 1061A, 1064A** / 1110A
- ▶ UPS2: **27.5KVA** / 57KVA (48%)
 - Includes network racks non-UPS power (street) failover 4KVA
- ▶ UPS3: **85KVA** / 95KVA (90%)
 - Small number of power receptacles available
 - CMS to decommission 3 racks of disk arrays (~15KW)
- ▶ UPS4: **77.6KVA** / 95KVA (82%)
 - Phase A near maximum capacity (**256A** / 263A)

FCC Power Capacity Status

May 10-17, 2010

- ▶ Information on Sharepoint site

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

- ▶ Systems powered on: **12**

- Includes 6 servers and 2 Sataboys on UPS4 for the upgrade of the enstore cdfen servers and RAIDs

- ▶ Systems powered off: **3** servers, **5** disk arrays

- ▶ 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

FCC Power Capacity Status

May 10-17, 2010

- ▶ New requests awaiting provisioning of power on UPS1: **10** (Includes requests from FermiGrid, CSI, DMS, FPE)
- ▶ Estimate of total Power usage for all known new requests for FCC: **~40-50** KVA
 - Estimate of Power usage for 10 new requests for UPS1 which are on dock or soon to arrive: **~9.1** KW
- ▶ Next? Identify systems that could relocate to GCC or LCC (FCC Inventory)

FCC Power Capacity Status

May 10-17, 2010

Systems for Excess

- ▶ **89** Total systems for Excess (new requests produced an increase from the previous 81 systems reported last week)
 - Includes systems with Retired by User status through SysAdminDB interface and requests from PSMs
- ▶ **70%** of the **89** total systems pulled so far

FCC Power Capacity Status

May 10-17, 2010

Questions?

