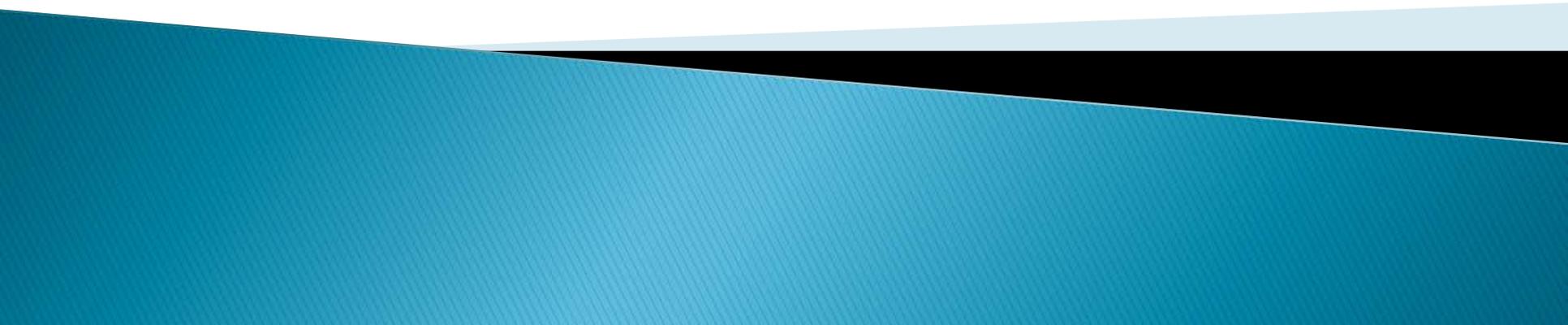


FCC Power Capacity Status

April 19th-26th, 2010

Tim Kasza



FCC Power Capacity Status

Power Reading From This morning, April 26th at 10:55 AM

FCC UPS and Building Power

- ▶ Building: 1350A / 1520A (89%)
- ▶ UPS1: 388KVA / 400KVA (97%)
 - 1083A, 1078A, 1069A / 1110A
- ▶ UPS2: 26KVA / 57KVA (46%)
 - Includes network racks non-UPS power (street) failover 3.9KVA
- ▶ UPS3: 84KVA / 95KVA (89%)
 - Small number of power receptacles available
- ▶ UPS4: 77KVA / 95KVA (81%)
 - Phase A near maximum capacity

FCC Power Capacity Status

April 19th – 26th

- ▶ Information on Sharepoint site

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

- ▶ Systems turned on: 1
- ▶ Systems decommissioned: 0
- ▶ Systems on priority wait list to turn on: 19
- ▶ Systems in power OFF status: 44
 - Doesn't include systems off that are possible candidates to move to LCC or GCC, or possible decommission systems
- ▶ Systems scheduled to move: 1 CMS rack, Luster cluster – April 29th to GCC-CRC

FCC Power Capacity Status

April 19th-26th

- ▶ New requests awaiting provisioning of power on UPS1: 15 (Includes requests from CMS, FermiGrid, Intensity Frontier, CSI, DMS, WSS, FPE)
- ▶ Estimate of Power usage for 15 new requests on UPS1: ~18 KVA
- ▶ Next? Identify systems that could relocate to GCC or LCC (FCC Inventory)

FCC Power Capacity Status

April 19th-26th

- ▶ Decommissioned Systems – Request from Property Office (Jack Kelly) to sanitize disks if possible before disconnecting from network?
- ▶ Systems Retired by User through the SysAdminDB interface
 - Systems Retired by User in FCC computer rooms: **104**
 - Received permission to remove and excess: **25** out of 104 (not everyone contacted yet)
 - Systems with permission to excess that were found powered on: **4** out of 25 (now powered off)
 - Systems Retired by User – so far **7** out of the 104 systems where the System Administrator is no longer at Fermilab

FCC Power Capacity Status

FCC2 layout of old STK Silos Area – 2 Rows of 10 Racks Each



FCC Power Capacity Status

2 L630R (208V/30Amp) per Rack Location

Row 1 Back Rack View

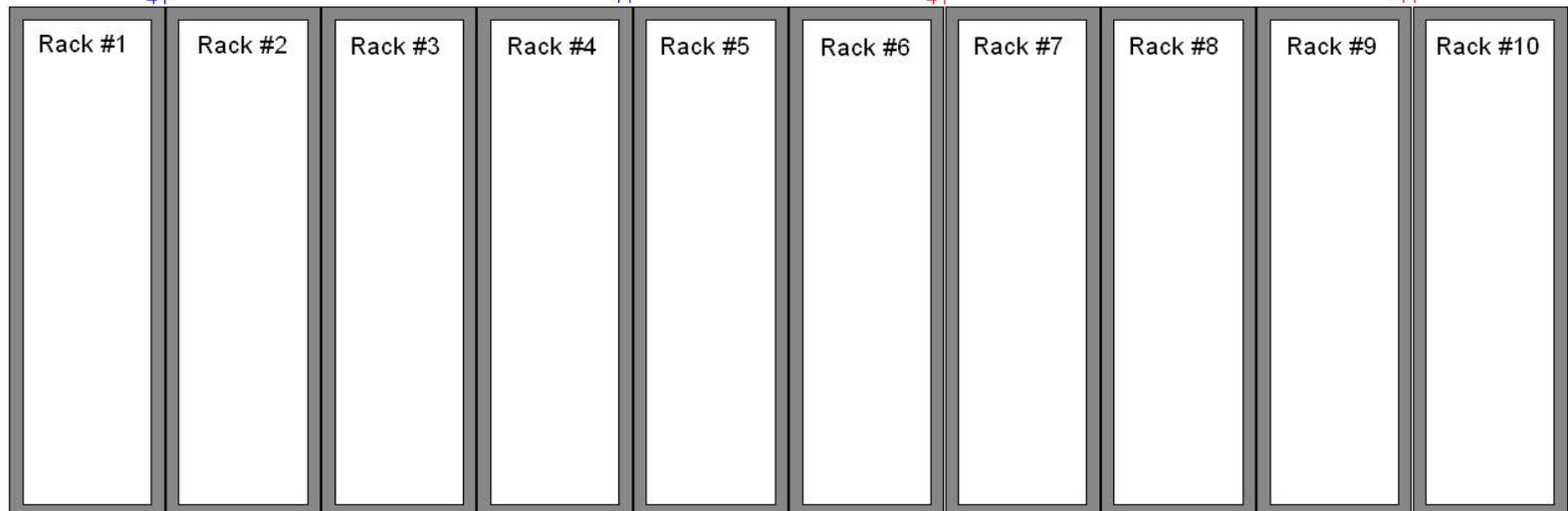
PANEL A

 Duplex 520R

PANEL B

 L630R

Circuit numbers



FCC Power Capacity Status

April 19th-26th

Questions?

