

Power outage records, procedures, and to-do's

Summer 2013 and winter 2014, there were an inordinate number of power outages in Baker Lab, and other Chem buildings!

See also

- [UPS inventory and status, mostly within ChemIT's Baker 248 server room](#)
- [ChemIT's record of recent power outages](#)
 - [Power outage record for Monday, April 11th](#)

Question

When power is initially restored, do you trust it? Or might it simply kick back off in some circumstances?

- Because we don't know the answer to this question following any specific power outage, we are reluctant to turn back on servers right away. Instead, we like to wait ~10-25 minutes.

Also consider

- When communicate with others, and what gets communicated, for what purpose?

Procedures and reminders

Reboot switches?

- 8 switches support the clusters (out of 12 in the room).

Start head nodes, if not on already

- Only a few are on UPS. Those can obviously be left on.
- None should be set to auto-start on power-off.

Confirm head nodes accessible via SSH

PuTTY on Windows

Use FMPro to get connection info?! (not the right info there, though...)

Menu => List Machine / User Selections => List Group or selected criteria

- Machine function => Server HN

Start compute nodes

If nodes done show up, consider:

- Restart Torque scheduler on problematic nodes.
- Try rebooting the switch the affected nodes are connected to, especially if the problematic nodes are grouped to a single switch.
- Hook up a monitor as one of the high nodes boot.