

November 6, 2008

## Procedure to Powering Down the L1Cal System

On d0tcc3 or any online node with host to d0ttc3, login as d0cal:

```
cd ~/l1cal2b/tablib/run  
./bin/power_down --verbose --all
```

This will turn the power off on the TAB/GAB units only, not the crates. No software command is needed to prepare the ADF crates before the power is turned off.

Then, switch off all the crates (ADF's, Control and TAB/GAB) by pushing down the red toggle switch, on the right of the red LED display, shown in the Figure 1) below. The Table 1) shows the locations of these crates in MCH1.

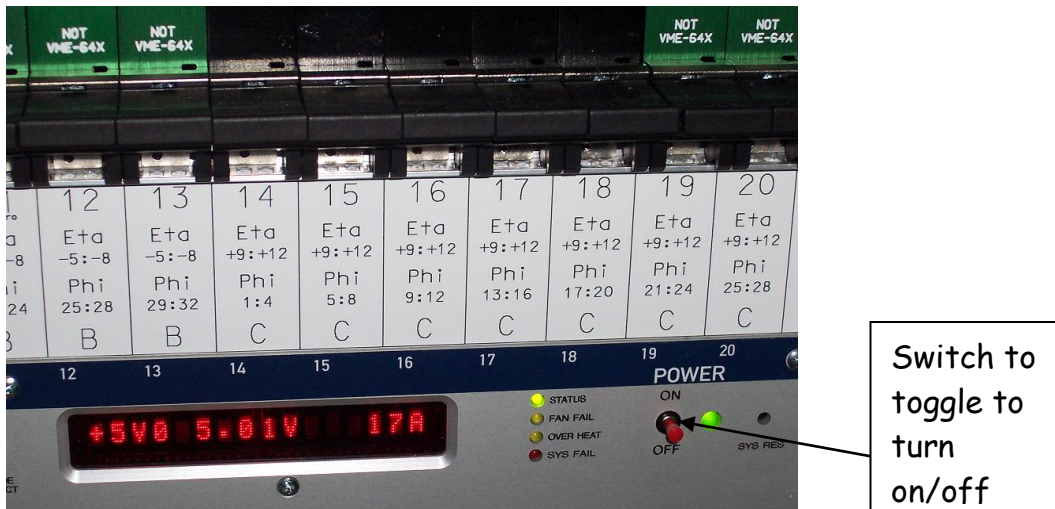


Figure 1) Toggle switch on each crate to use to turn on/off the crates.

If a power outage is expected, then turn off the main breaker in the power distribution box at top of each crate. This switch is shown in the Figure 2) below.

Crate ID	Rack ID
ADF - A	M104
ADF - B	M106
ADF - C	M109
ADF - D	M111
TAB/GAB	M107
Control	M108

Table 1) MCH1 crates and their locations.



Figure 2) Breaker switch on each rack to use to turn on/off the main power to the racks.

On the MCH1 rack M102, there is a monitor used by various systems. Push the "L1Cal Trig" button on the box at the top of the rack (shown in Figure 3) below) to select L1Cal's PC, d0tcc3 (or just TCC). On the monitor, if you see the L1Cal\_IIb\_GUI, click on the "Main" button, then the "Exit" button to end the GUI. Then close all the other windows you see on the monitor by clicking on the X button at the top right corner. Shut down the PC from the Windows. Turn off the TCC with the front switch. You need to reach to it from the back of the rack M103. It is black Dell PC.



Figure 3) Box to select to monitor for TCC.