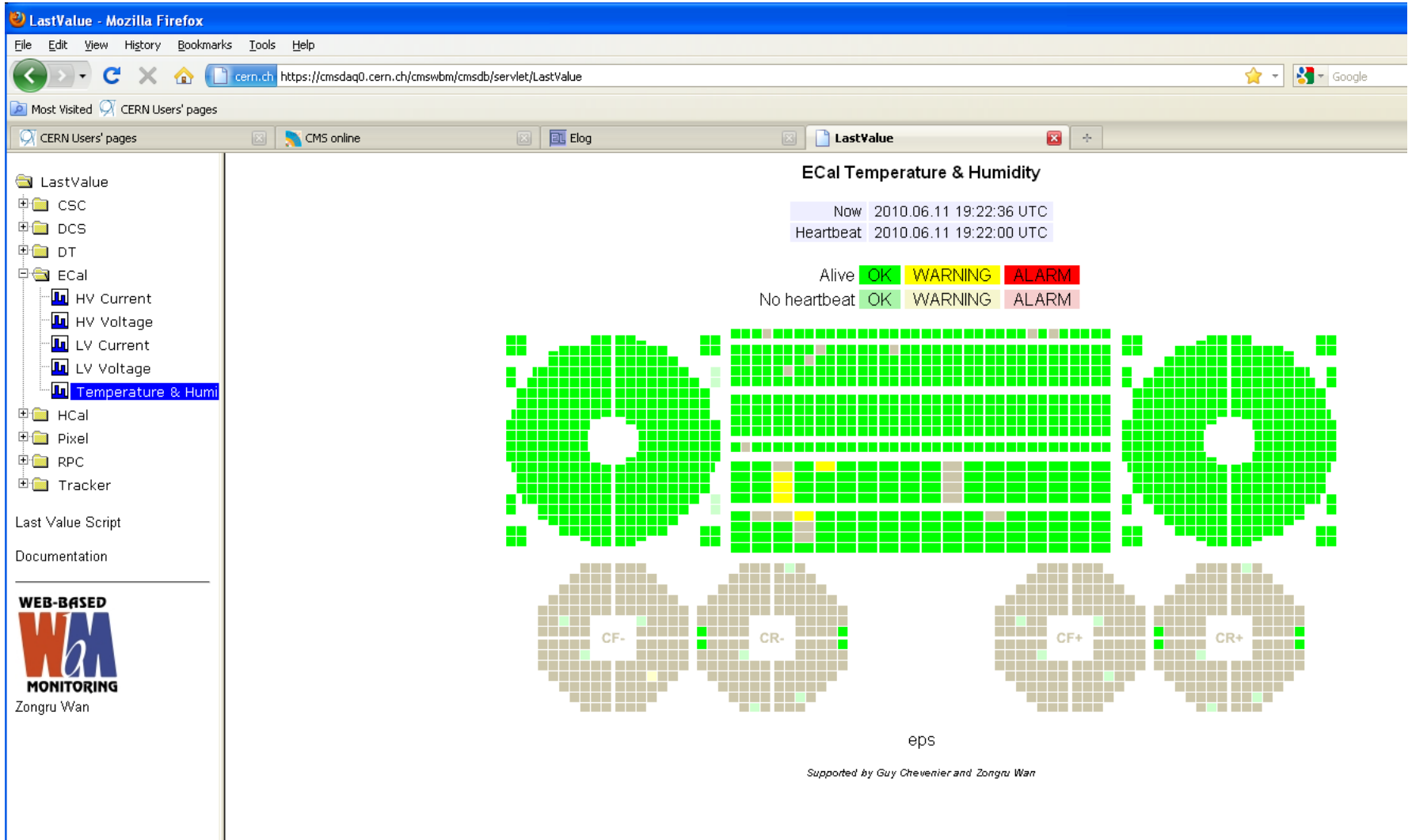


# PTHM sample plots

14 – 17.Apr.2010

All plots which follow are taken from WBM:



Time is UTC!

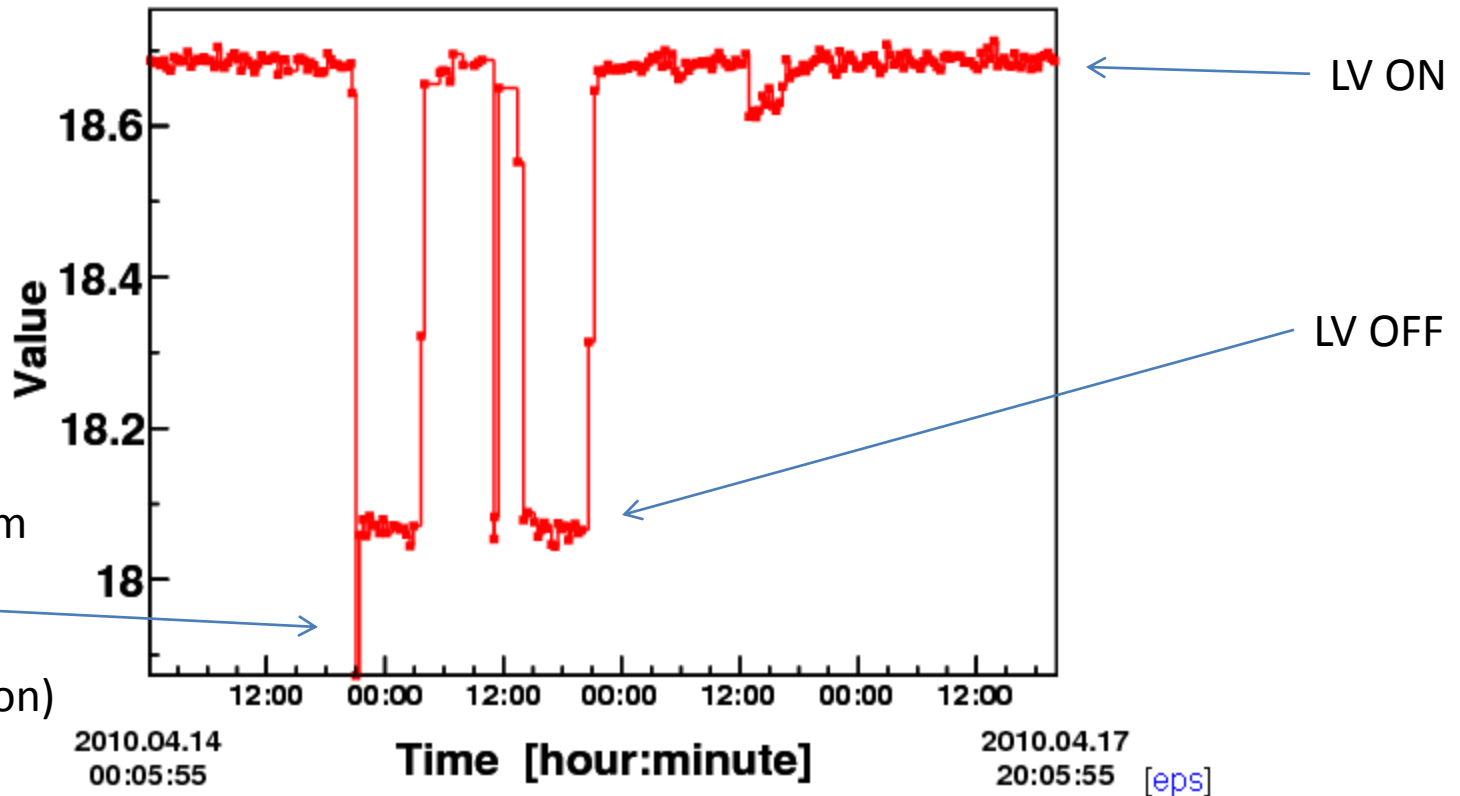
Begin 2010.04.14 00:05:55  
End 2010.04.17 20:05:55

EBP-18  
W-out  
(LV on/off indication)

Plot Value vs. Time  
with Prescaler

14-17 Apr 2010

cms\_omds\_lb  
CMS\_ECAL\_PTM\_PVSS\_COND  
PTHM\_DB\_DATA  
TEMPERATURE\_HUMIDITY  
EB\_SM+18\_T10



Typical short term effect when switching off LV (cooling regulation)

Begin 2010.04.14 00:05:55

End 2010.04.17 20:05:55

EBP-18

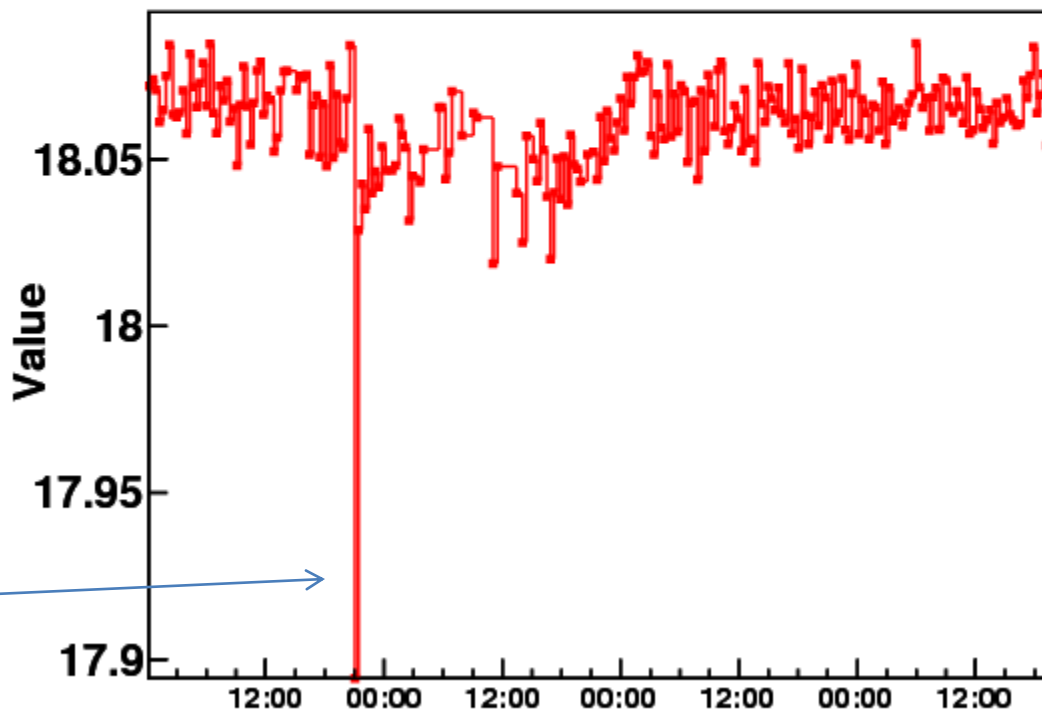
W-in

Plot Value vs. Time

with Prescaler

14-17 Apr 2010

- cms\_omds\_lb
- CMS\_ECAL\_PTM\_PVSS\_COND
- PTHM\_DB\_DATA
- TEMPERATURE\_HUMIDITY
- EB\_SM+18\_T9



Typical short term effect when switching off LV

2010.04.14  
00:05:55

Time [hour:minute]

2010.04.17  
20:05:55

[eps]

Begin 2010.04.14 00:05:55  
End 2010.04.17 20:05:55

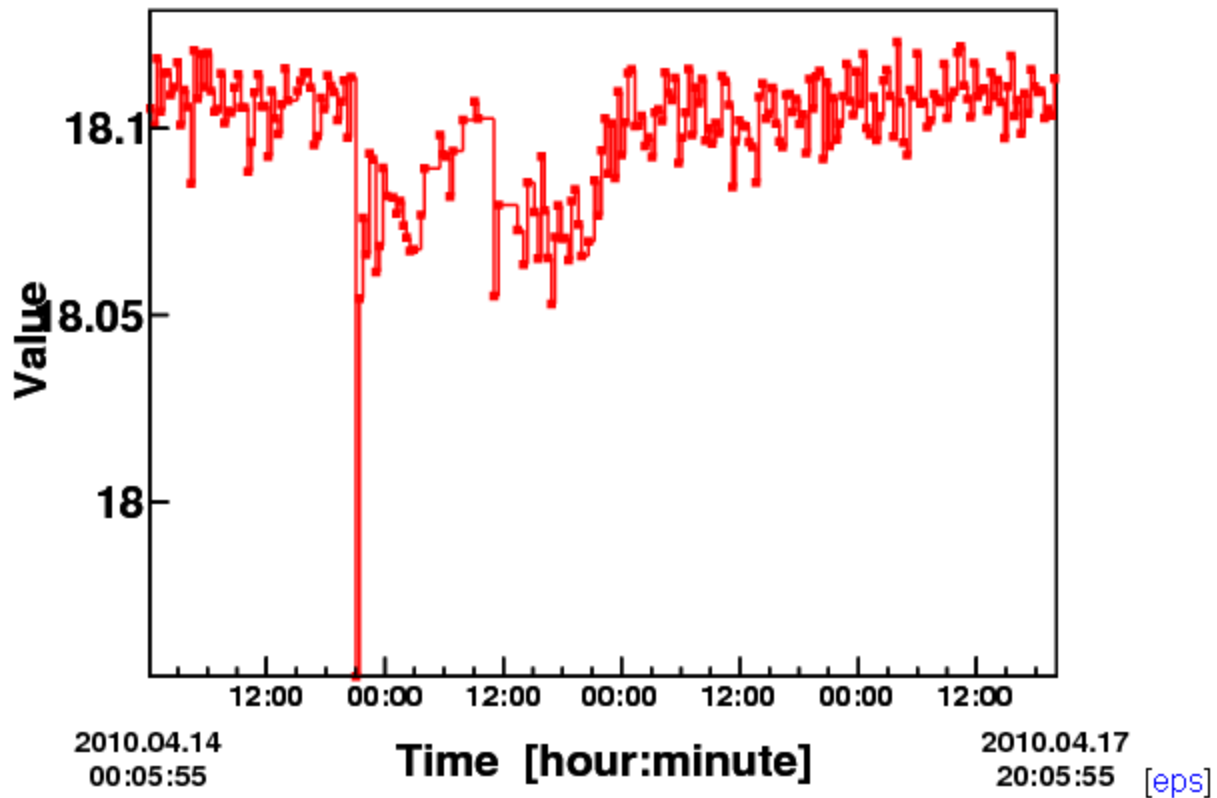
EBP-18  
Grid M3

Plot Value vs. Time

with Prescaler

14-17 Apr 2010

- cms\_omds\_lb
- CMS\_ECAL\_PTM\_PVSS\_COND
- PTHM\_DB\_DATA
- TEMPERATURE\_HUMIDITY
- EB\_SM+18\_T3



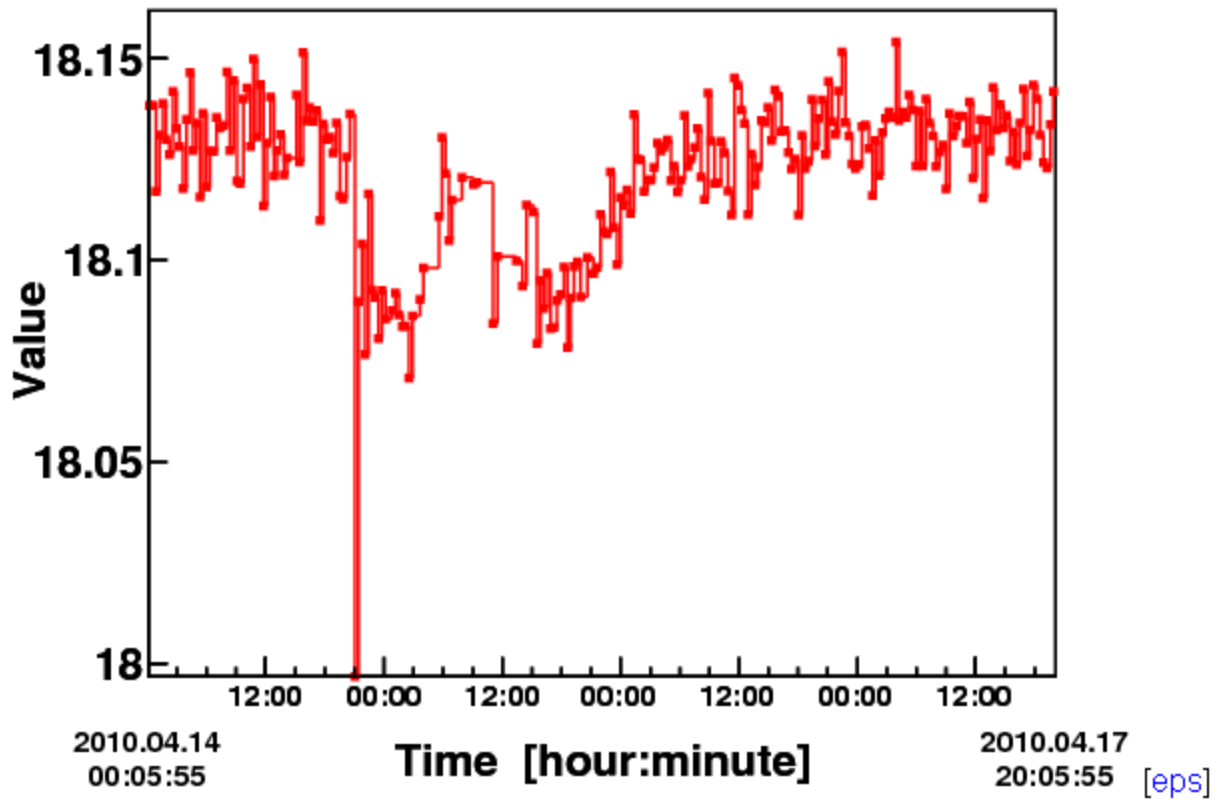
Begin 2010.04.14 00:05:55  
End 2010.04.17 20:05:55

EBP-18  
Thermal screen M3

Plot Value vs. Time  
with Prescaler

14-17 Apr 2010

- cms\_omds\_lb
- CMS\_ECAL\_PTM\_PVSS\_COND
- PTHM\_DB\_DATA
- TEMPERATURE\_HUMIDITY
- EB\_SM+18\_T7



Begin 2010.04.14 00:05:55  
End 2010.04.17 20:05:55

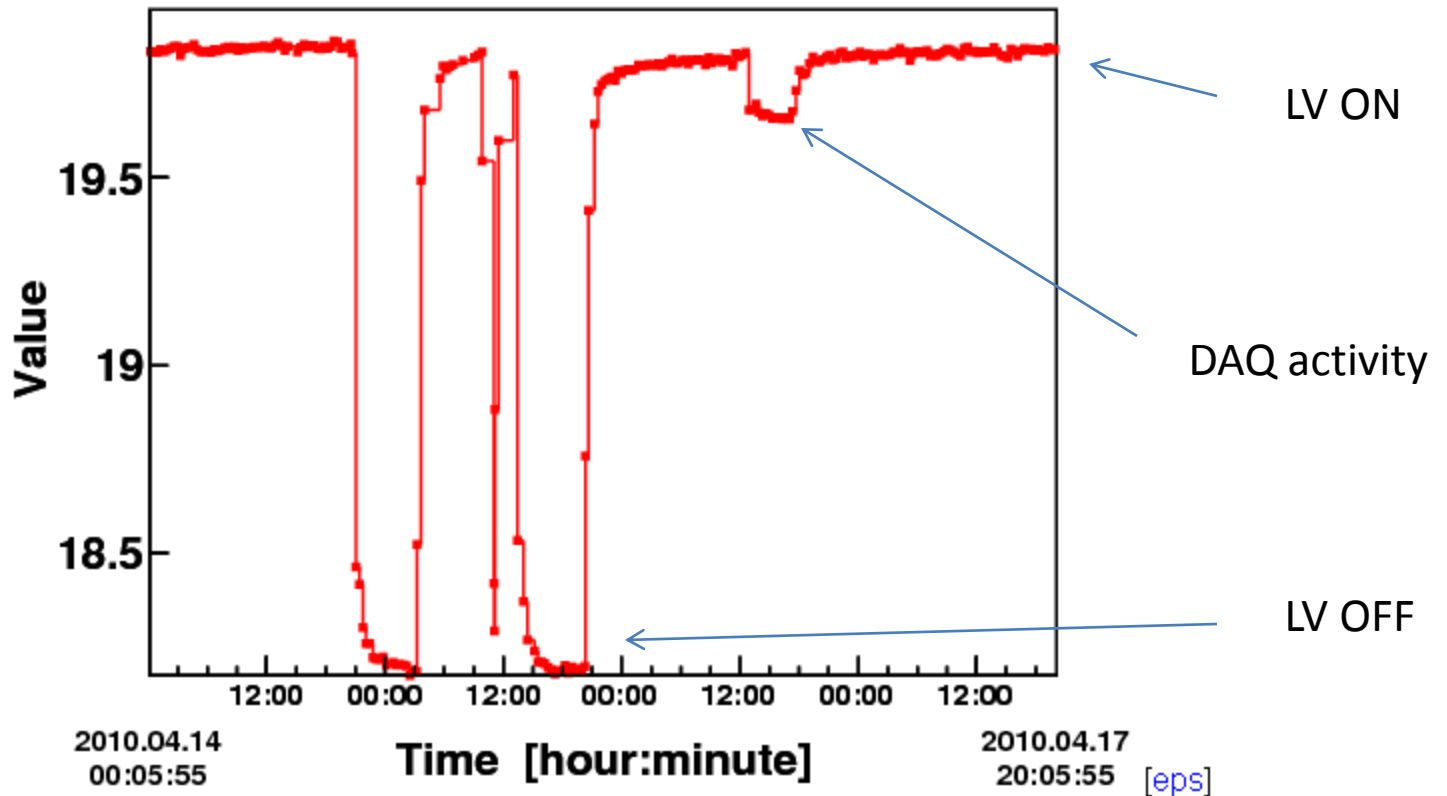
Plot Value vs. Time

with Prescaler

Dee-2  
Cool.block 1 – output  
(LV on/off indication)

14-17 Apr 2010

cms\_omds\_lb  
CMS\_ECAL\_PTM\_PVSS\_COND  
PTHM\_DB\_DATA  
TEMPERATURE\_HUMIDITY  
T\_DEE2\_CH02



Begin 2010.04.14 00:05:55

End 2010.04.17 20:05:55

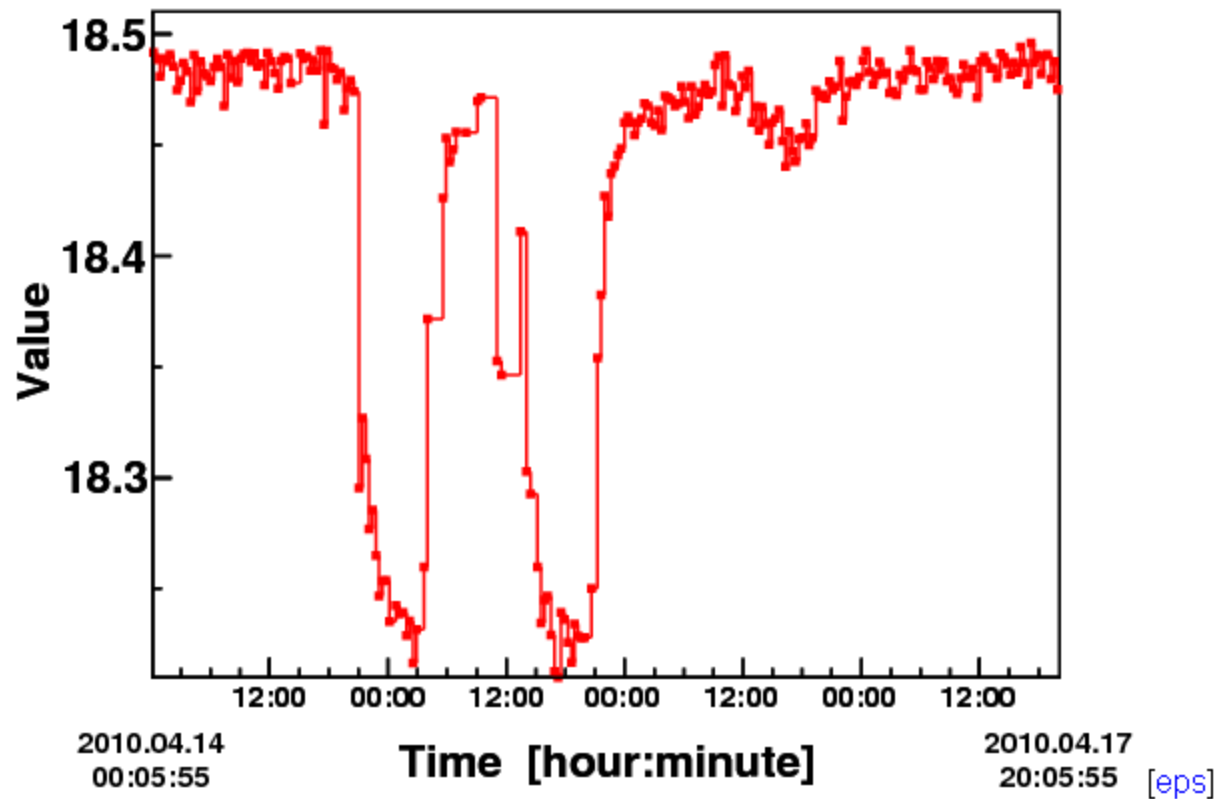
Plot Value vs. Time

with Prescaler

Dee-2  
Cool.block 1 – input

14-17 Apr 2010

- cms\_omds\_lb
- CMS\_ECAL\_PTM\_PVSS\_COND
- PTHM\_DB\_DATA
- TEMPERATURE\_HUMIDITY
  - T\_DEE2\_CH01



Begin 2010.04.14 00:05:55  
End 2010.04.17 20:05:55

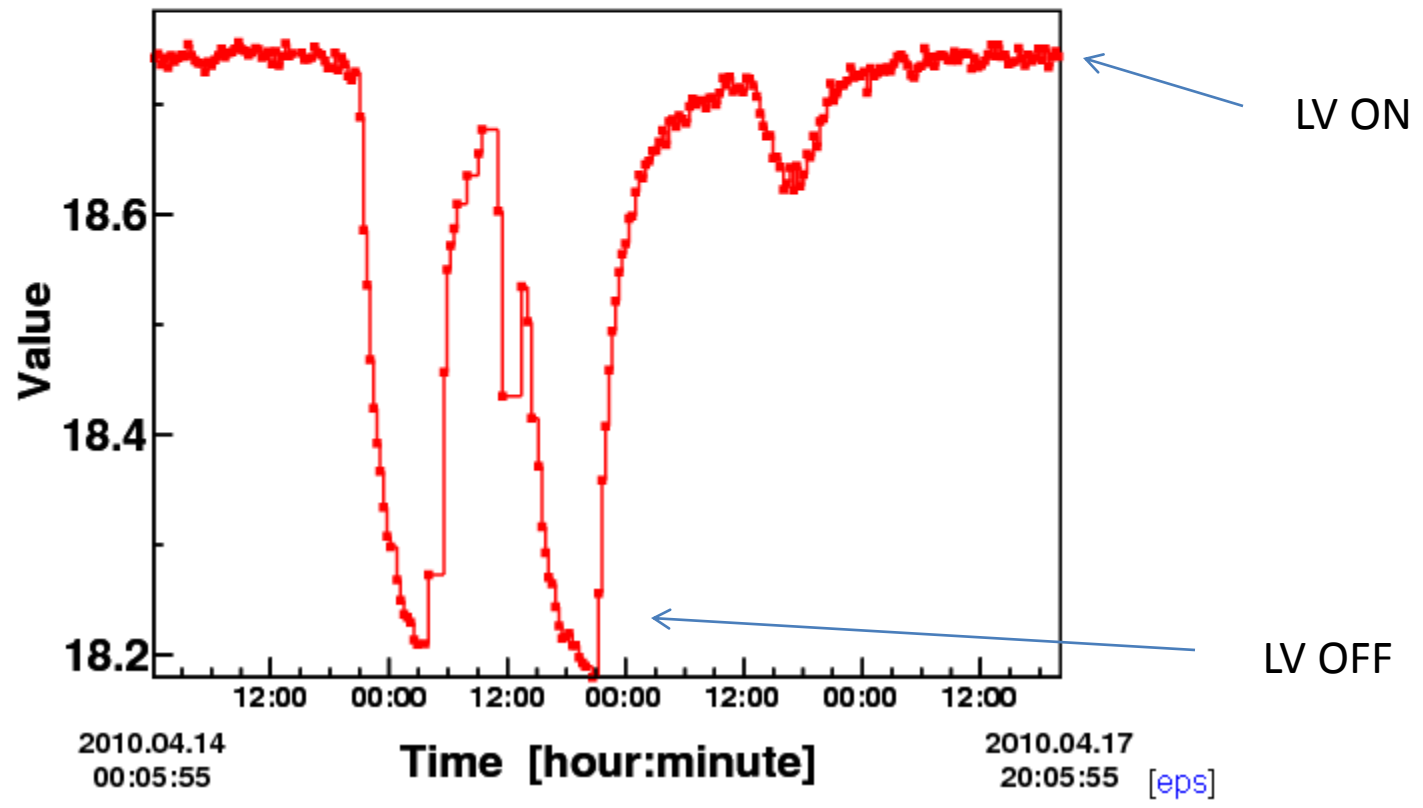
Plot Value vs. Time

with Prescaler

Dee-2  
Backplate

14-17 Apr 2010

- cms\_omds\_lb
- CMS\_ECAL\_PTM\_PVSS\_COND
- PTHM\_DB\_DATA
- TEMPERATURE\_HUMIDITY
  - T\_Back\_Plate\_DEE2\_CH19



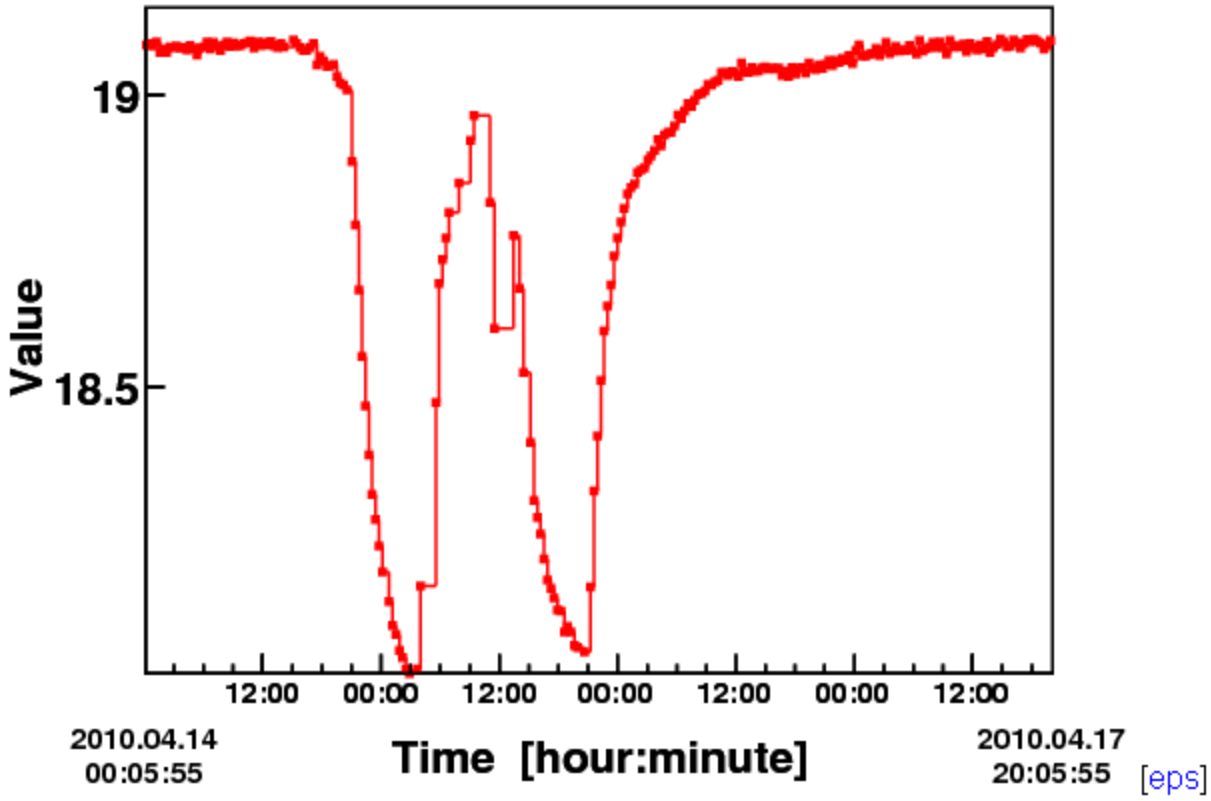
Begin 2010.04.14 00:05:55  
End 2010.04.17 20:05:55

Plot Value vs. Time  
with Prescaler

Dee-2  
Env.screen

14-17 Apr 2010

- cms\_omds\_lb
- CMS\_ECAL\_PTM\_PVSS\_COND
- PTHM\_DB\_DATA
- TEMPERATURE\_HUMIDITY
- T\_Environmental\_Screen\_DEE2\_CH21



# EB/EE PTM summary -- real-time snapshot

