

ATLAS Tier-2 report (August 2020)

- CSCS
 - Improved CPU/WC efficiency for good jobs
 - 9150 avg running slots,
 - Fail rate 14% (improving). Two main clusters of failures: 3-5 Aug and 14-16 Aug (related to file system hangs)
 - Only Tier-2 left to migrate to “Grand Unified” queue (pending --nice introduction)

- UNIBE
 - 5330 avg running slots (low)
 - Failed WC improved a lot, CPU/WC ok-ish
 - Turned on gridftp redirection => created a glitch of failures
 - Turned on xrootd checksums and switched to xrootd for preferred protocol (no more SRM) for stage-in and out
 - Upgraded to DPM DOME 1.14, enabled HTTP Third Part Copy with macaroons
 - Pilot phase of *Swiss ATLAS storage federation* went to production on 31 August
 - Commissioning of UNIGE-BAOBAB stalled (probably compatibility with BeeGFS)

CPU/WC efficiency

Category	Efficiency
ANALY_CSCS-HPC	0.938
CSCS-LCG2-HPC_MCORE	0.921
CSCS-LCG2-HPC_UCORE	0.918
UNIBE-LHEP	0.882
UNIBE-LHEP-UBELIX	0.874
UNIBE-LHEP-UBELIX_MCORE_LOPRI	0.441

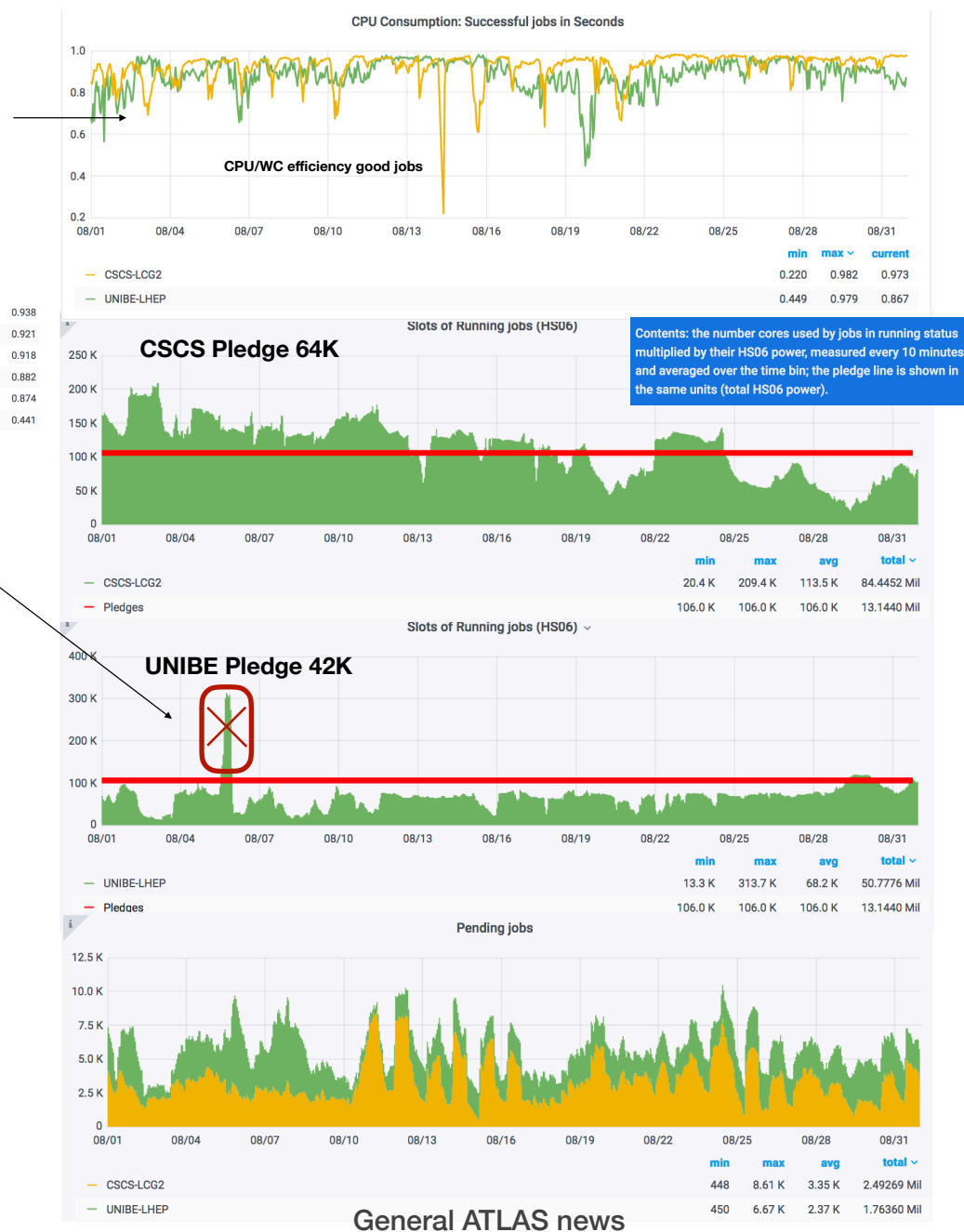
ATLAS Tier-2 statistics (August 2020)

	CSCS-LCG2	UNIBE-LHEP
HS06 all jobs (pledge 64k+42k)	113.5 (177%)	68.2 (162%)
WC h all jobs (% of total for the 2 sites)	6'284'305 (67%)	3'303'222 (33%)
WC good/all jobs	0.86	0.86
CPU/WC efficiency good jobs	0.925	0.885
ANALY share	0.15	0.06

ATLAS HammerCloud statistics (August 2020)

	CSCS-LCG2	UNIBE-LHEP
ANALY-CSCS-HPC	N/A	
CSCS-LCG2-HPC_MCORE / UCORE	N/A	
UNIBE-LHEP		N/A
UNIBE-LHEP-UBELIX		N/A
UNIBE-LHEP-UBELIX-MCORE-LOPRI		N/A

Transitioning to new dashboard



- Running 481k slots on average (173% of pledge)
- 10% failed WC (several % improvement vs previous months)
- 86% CPU/WC efficiency of good jobs (not optimal yet)