

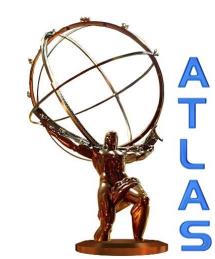
Science & Technology Facilities Council Rutherford Appleton Laboratory



# ATLAS Tier-1 Experiment sign off for Q4 2019

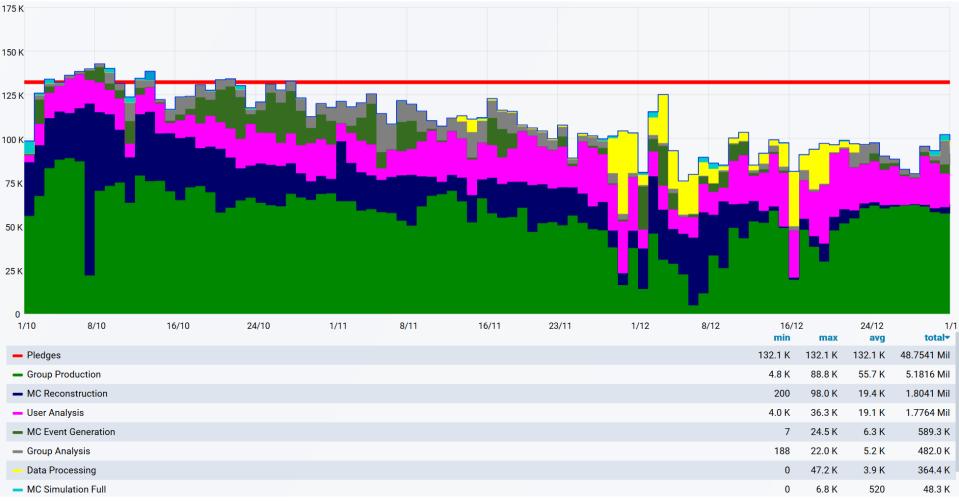
## Tim Adye Rutherford Appleton Laboratory

RAL Tier1 Resource Review Meeting 21<sup>st</sup> January 2020



### **RAL Tier-1 ATLAS CPU use**

Slots of running jobs (HEPSPEC06)

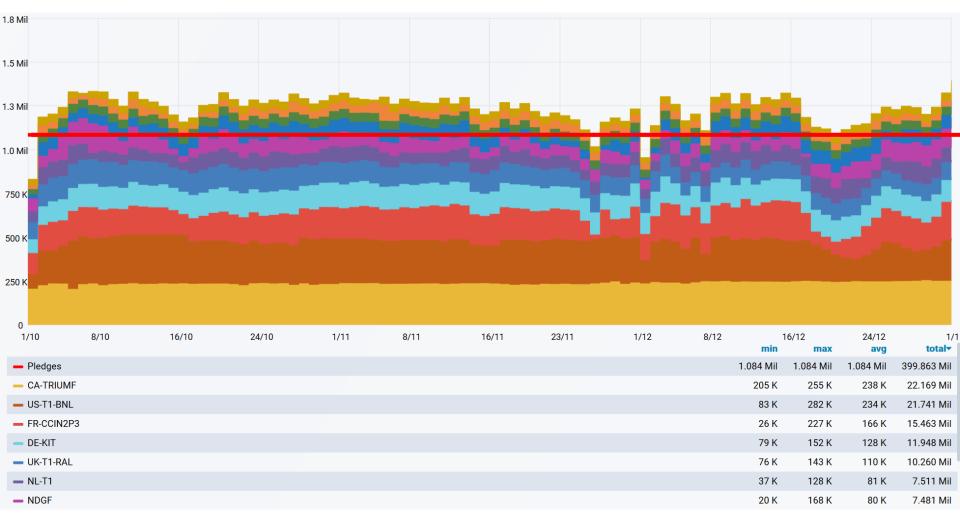


Total usage (all activities) = 110.3 kHS06 ("avg"), pledge = 132.1 kHS06 ("avg"), ie. 83.5% We have dropped below our fairshare of the farm, mostly 89% of farm allocation. James has tweaked the fairshare parameters and we should catch up the shortfall in the next months.

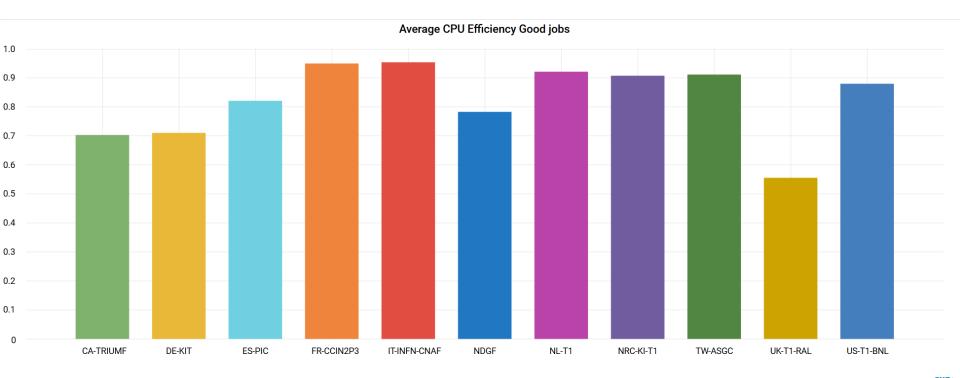
Tim Adye - RAL

### **ATLAS Tier-1s CPU use**

Slots of running jobs (HEPSPEC06)



### **ATLAS Tier-1s CPU efficiency**



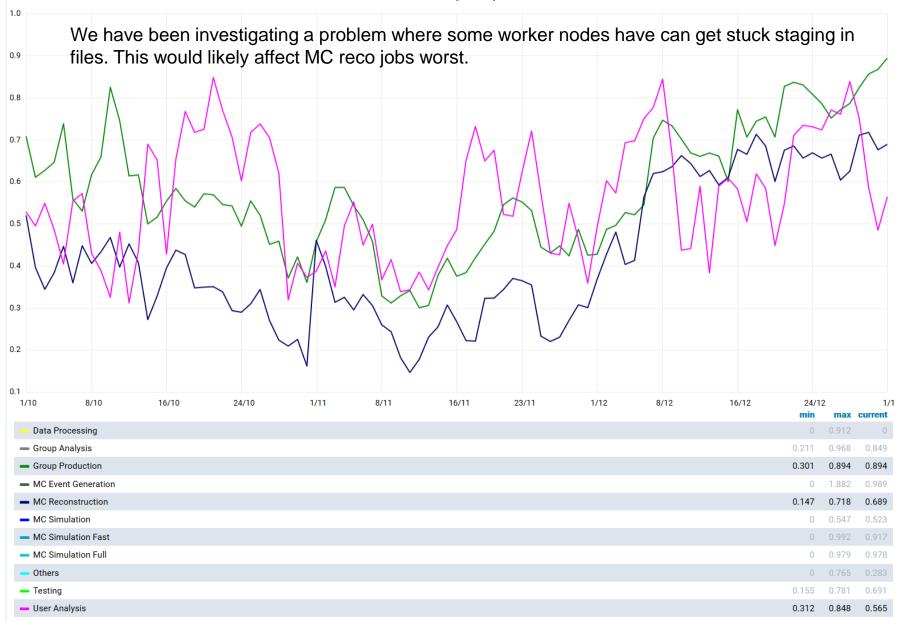
	avg
- UK-T1-RAL	0.556
- CA-TRIUMF	0.703
— DE-KIT	0.711
- NDGF	0.783
ES-PIC	0.821
- US-T1-BNL	0.880
- NRC-KI-T1	0.908
- TW-ASGC	0.912

ATLAS haven't traditionally worried about efficiencies, since different sites have quite different definitions. Still, 56% doesn't look good.

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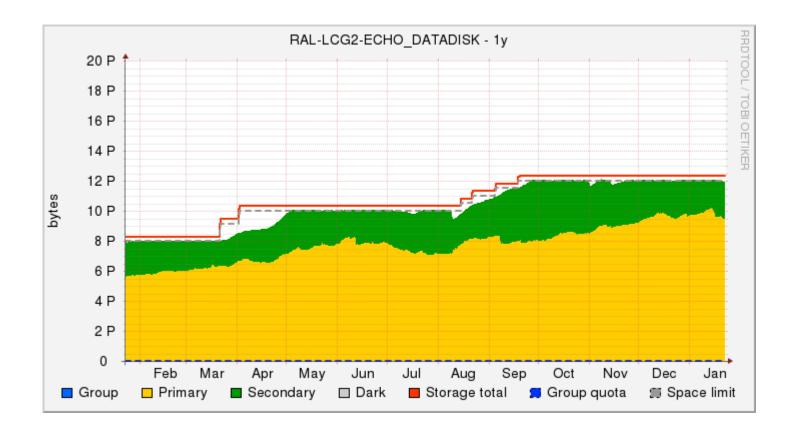
### **RAL Tier-1 ATLAS CPU efficiency**

CPU Efficiency: Good jobs



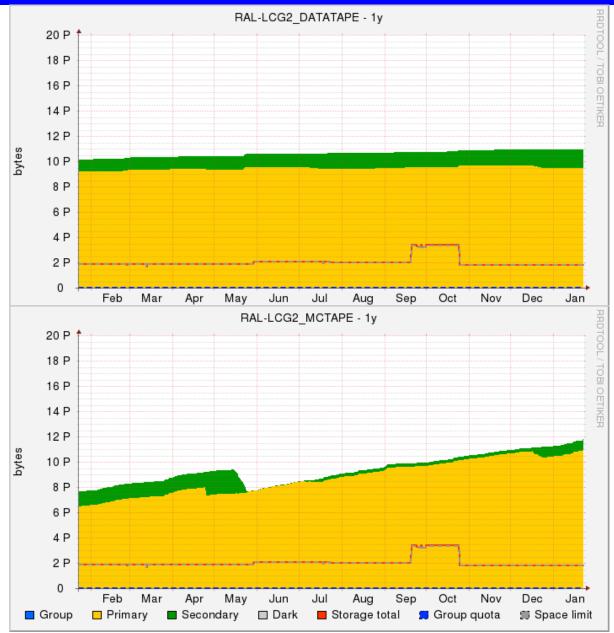
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### **RAL Disk usage**



RAL Echo quota increased on request in Aug/Sep to provide 2020 quota early.

### RAL tape usage



SRM quotas don't seem to be used for RAL tape. No problem, as we are still well below our allocation. We should keep an eye on this.

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