October CHIPP @ CSCS Review

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October Utilization

Running Core Count per Account (atlas + cms + lhcb) and partitions (wlcg + wlcg1)
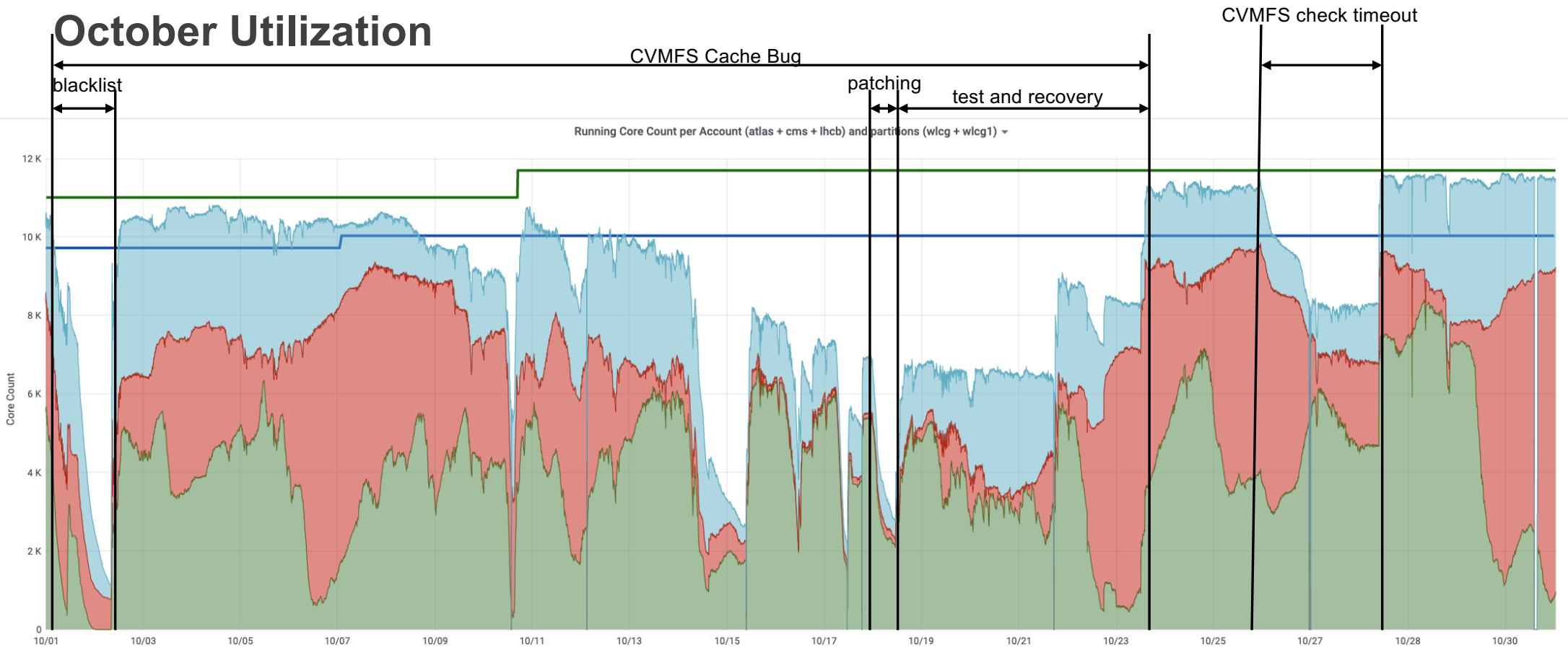
|		max	avg	current
—	Pledges	10.03 K	9.97 K	10.03 K
—	atlas	8.41 K	4.02 K	970
—	cms	8.40 K	2.67 K	8.24 K
—	lhcb	4.00 K	2.19 K	2.25 K
—	Capacity	11.70 K	11.48 K	11.70 K

October Utilization

Cummulative CPU utilization percentage (atlas + cms + lhcb) and partitions (wlcg + wlcg1) ▾

LHCb
25.10%

Atlas
46.57%

CMS
28.33%
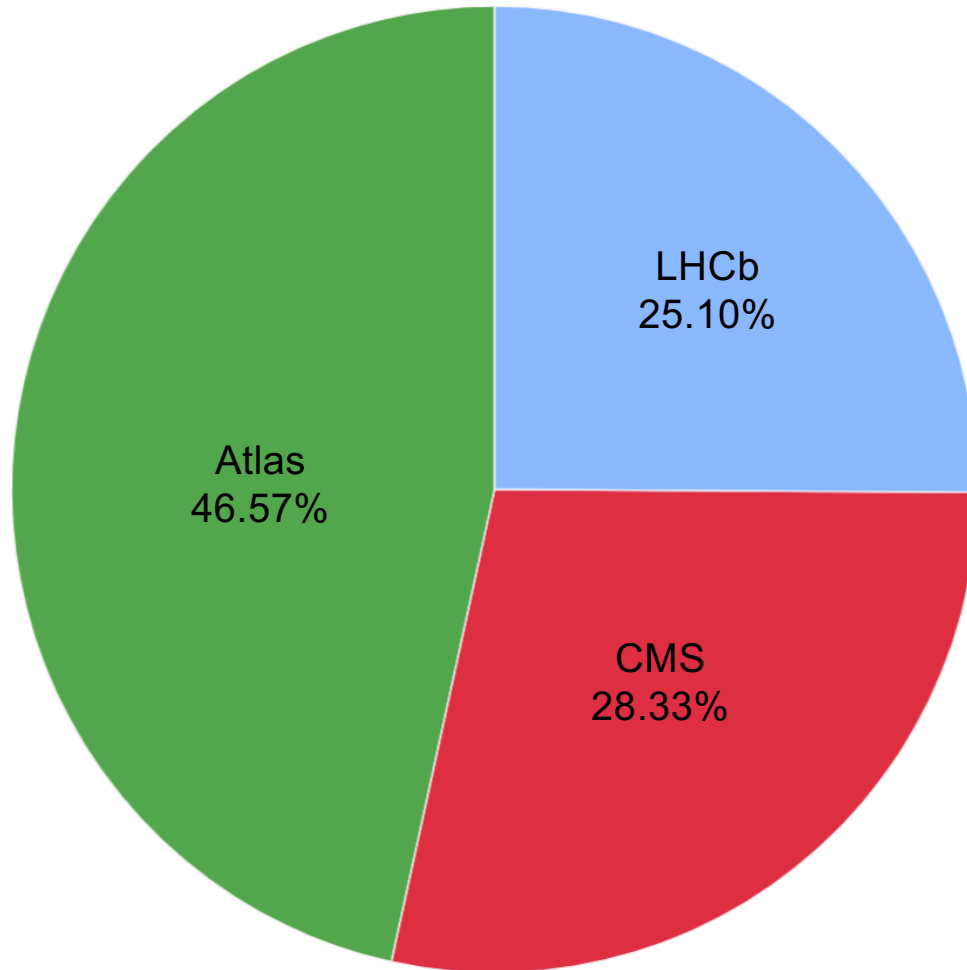
Category	Core Hours (million)	
Capacity	8.54	
Pledge	7.69	
LHCb	1.63	
CMS	1.84	
Atlas	3.02	
Delivered	6.49	75.98% capacity 84.42% pledge

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April 1, 2019 through October 21, 2019 Utilization
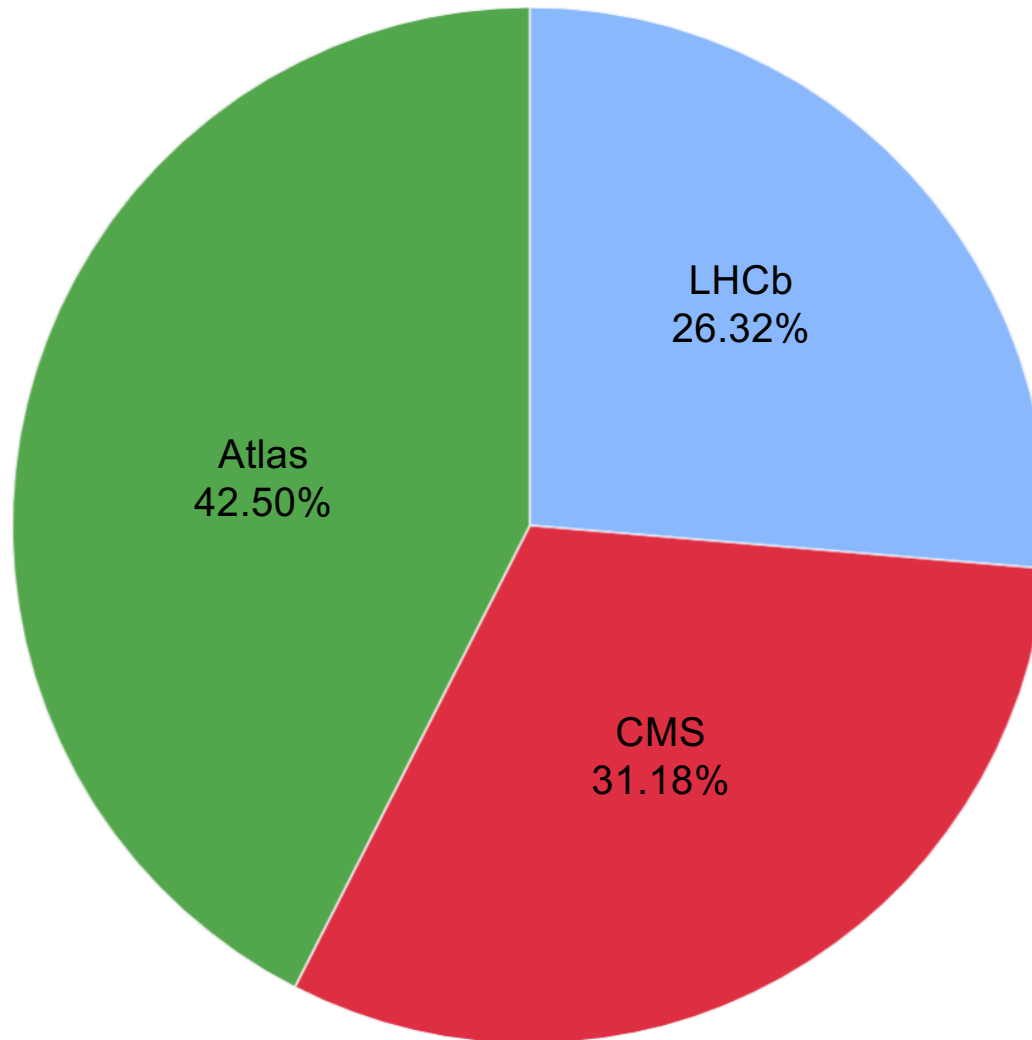
Category	Core Hours (million)	
Capacity	55.38	
Pledge	49.84	
LHCb	11.55	
CMS	13.68	
Atlas	18.66	
Delivered	43.89	72.96% capacity
		88.06% pledge

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Progress on Pledge Delivery

Cummulative Pledge vs Delivered (Million Hours, April–October): Pledge and Usage lines both rising from ~6 to ~50 and ~44 respectively.

Monthly Pledge vs Delivered Difference (Million Hours, April–October): Difference line varying between approximately -1.5 and +0.05.
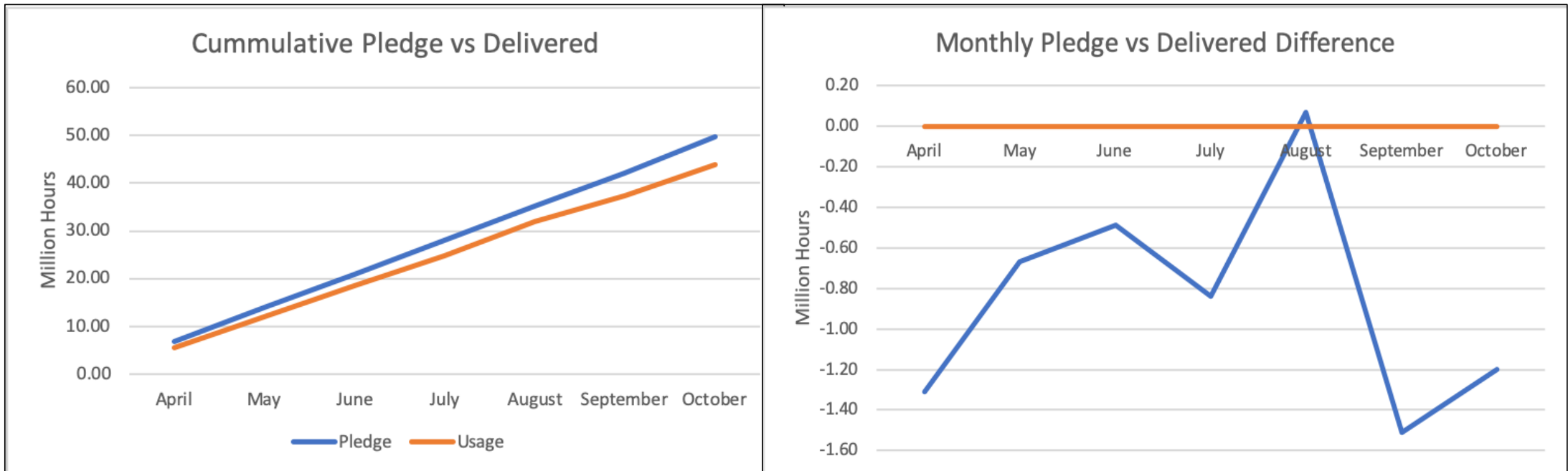
Additional Activities

- ARC Upgrade:
  - CMS Jobs Running fine?
  - Infosys issues
  - Sarus (former Shifter-NG): Working to enable a new RTE to enable it only for LHCb
    - Need some LHCb jobs for testing

- CVMFS: upgraded and patched

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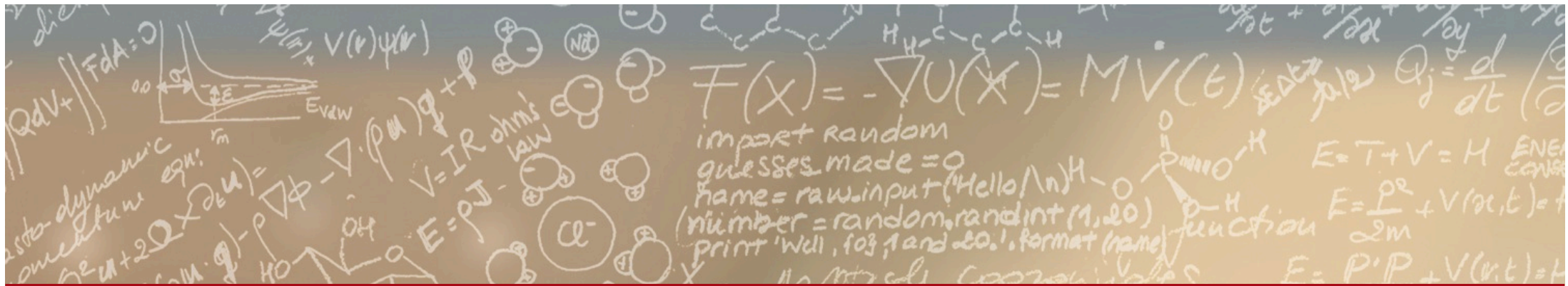
Thank you for your attention.