SCD Computing Summary

November 7th, 2016 though November 14th, 2016

Scientific Computing Metrics

Service Area	Service Offering	10/24 MO	10/25 TU	10/26 WE	10/27 TH	10/28 FR	10/29 SA	10/30 SU	10/31 MO	11/1 TU	11/2 WE	11/3 TH	11/4 FR	11/5 SA	11/6 SU	11/7 MO	11/8 TU	11/9 WE	11/10 TH	11/11 FR	11/12 SA	11/13 SU
Distributed Computing	Batch Job Management (jobsub, condor_submit)																					
	User Jobs Monitoring (fifemon)																					
High Performance Computing	Wilson Facility Parallel and Tightly Coupled Batch Computing																					
High Throughput Computing	Batch Job Operations - CMS																					
	Data and Application Caching Operations																					
	Distributed Resource Provisioning Operations - CMS																					
Scientific Collaboration Tools	Electronic Logbook																					
	Redmine																					
Scientific Data Management	FTS (File Transfer Service)																					
	SAM (Sequential Access via Metadata)																					
Scientific Data Storage and Access	Active Archive Facility																					
	dCache Disk Cache Storage																					
	Enstore Tape Storage				Localized																	
Scientific Database Applications	Conditions Database																					
	Hardware Database																					
	IFBeam Conditions Database (IFBeamDB)																					
Scientific Linux Systems Engineering	Control Room System Management																					
	Experiment Online System Management																					
Scientific Production Processing	POMS																					
Scientific Software Infrastructure	SciSoft																					

Week of 11/7 - 11/13

No outages

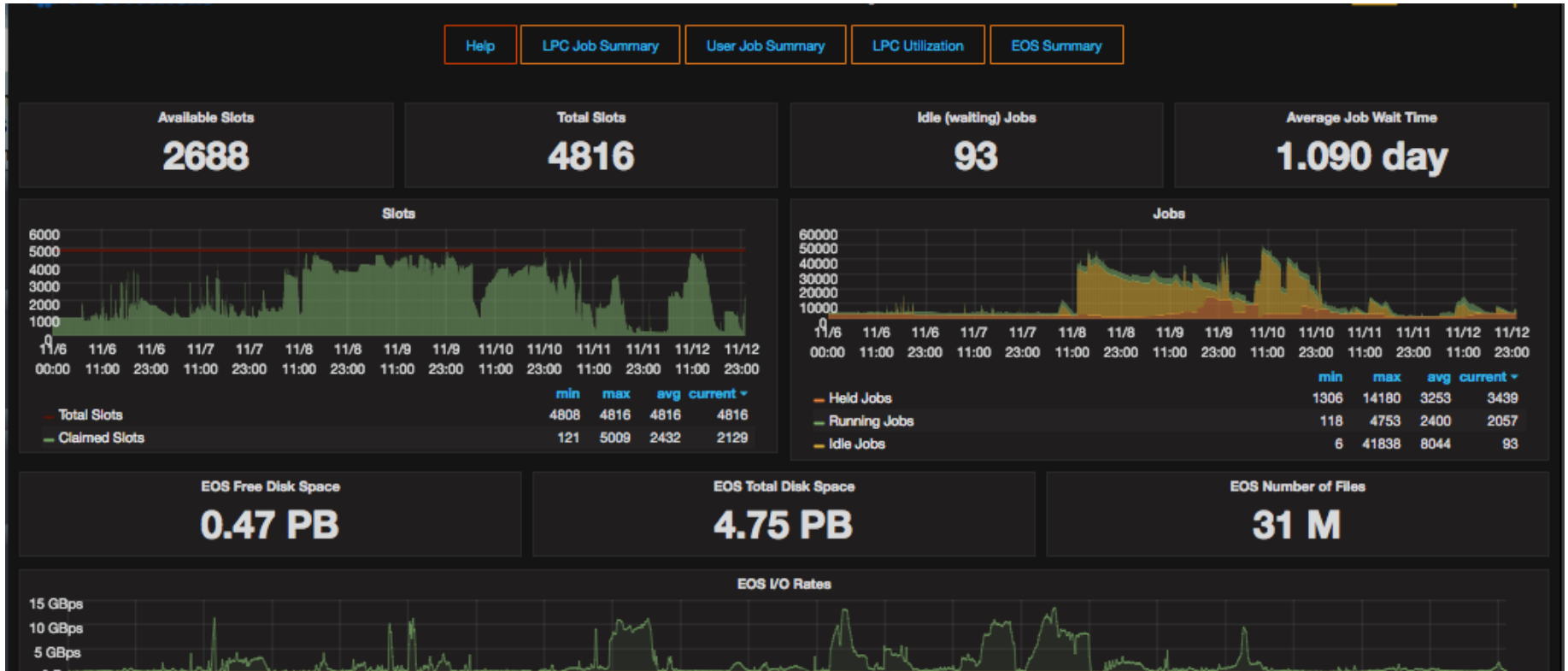**Announcements**

None

Impact

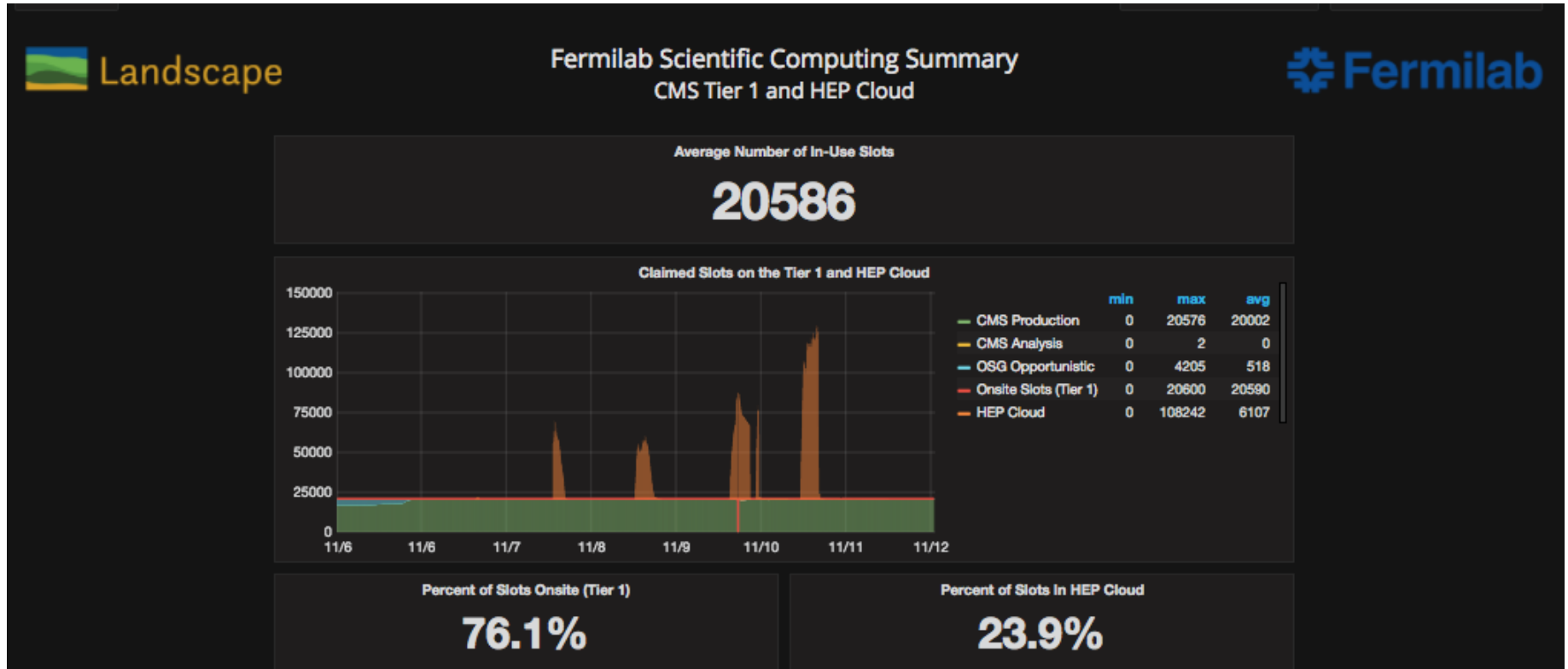| None	Service met SLA
Localized	Service is down for a few localized users
Moderate	Service is down for a moderate number of users
Significant	Service is down for large number of users /causes disruption to lab ops
Extensive	Service is down or causes serious disruption to lab operations
External	Service is down due to external service provider
Scheduled	Service is down due to scheduled outage

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FIFE Operations

https://fifemon.fnal.gov/monitor/dashboard/db/scd-summary-fife?from=now-1w%2Fw&to=now-1w%2Fw

CMS LPC Operations

https://landscape.fnal.gov/lpc/dashboard/db/lpc-summary?from=now-1w%2Fw&to=now-1w%2Fw

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CMS Operations

https://fifemon.fnal.gov/monitor/dashboard/db/scd-summary-cms?from=now-1w%2Fw&to=now-1w%2Fw
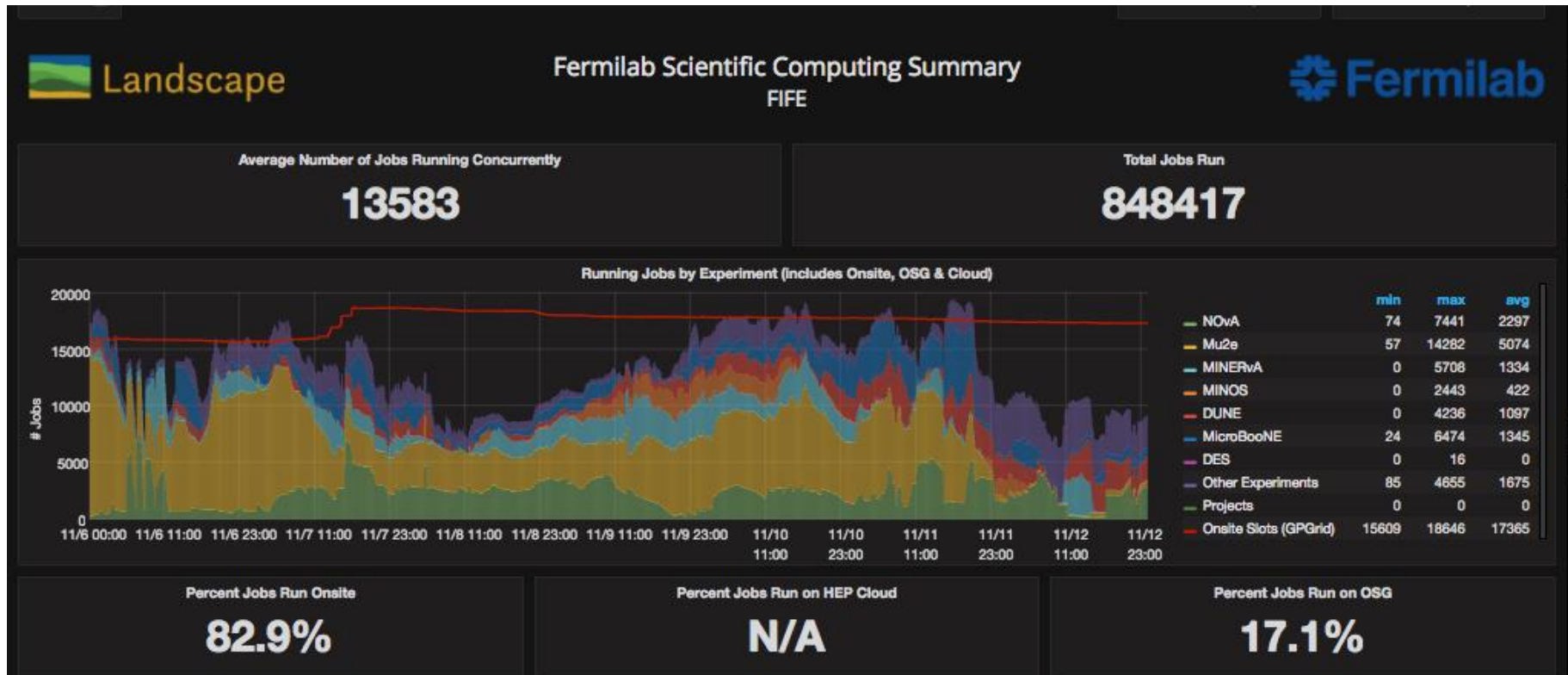
Note large spikes where we are running on Google Cloud!

CMS on Google Cloud

https://fifemon.fnal.gov/hcf/dashboard/db/hep-cloud-demo

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Supercomputing FY17