

Overview of Transition Schedule & Hardware Deployment Strategy



- **LLNL T2 operational through FY15**

- 13 kHS06 & 680TB Storage

- **ORNL CADES online (early) Q3 FY15**

- 18 kHS06 CPU cluster commissioned
- ~1.0 PB ORNL::SE using EOS service
 - LLNL::SE is set to read-only mode
 - Data copied from LLNL::SE to ORNL::SE

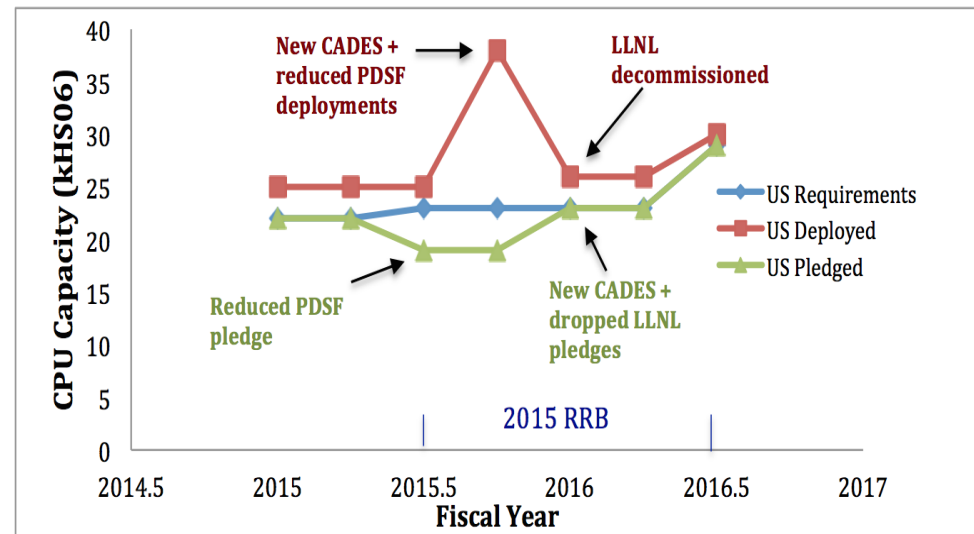
- **NERSC PDSF T2 operational @ OSF**

- >12 kHS06 & 720TB SE

- **New NERSC PDSF T2 brought online Q3/Q4 FY2015**

- 8 kHS06 moved to new CRT home & re-commissioned
- ~0.9 PB Storage commissioned as new LBNL::SE using EOS service
 - Old LBNL::SE is set to read-only mode
 - Data copied from old LBNL::SE to new LBNL::SE

CPU Delivery schedule



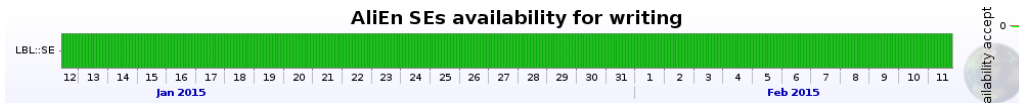
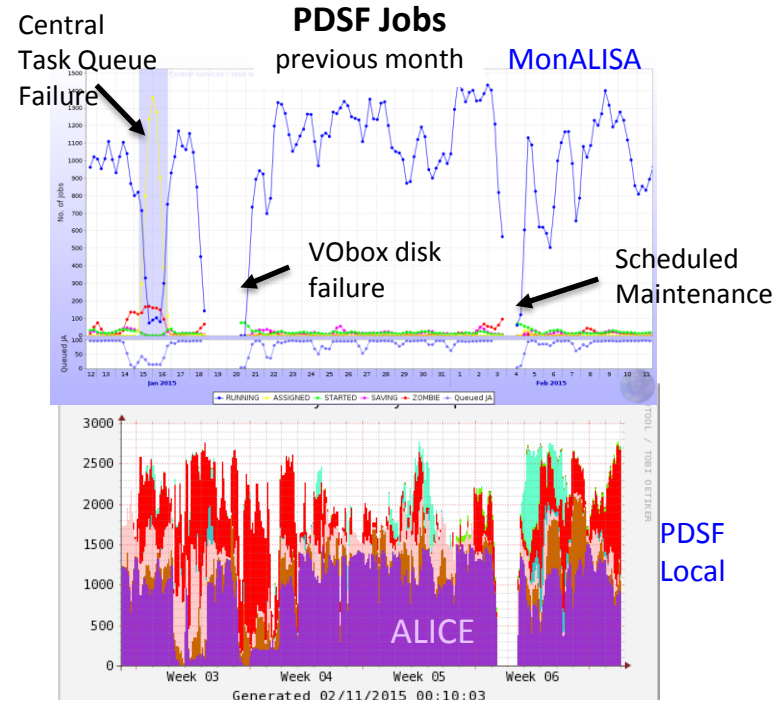
after HW is on the floor



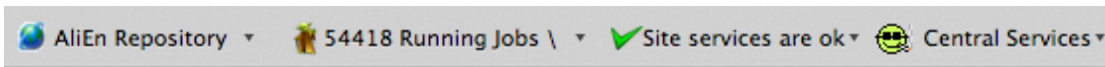
- **VMs or other for service nodes: VOBox, EOS manager, batch server, failover systems?**
- **Host certs for VObox, EOS redirector**
- **SL6 installation**
- **Batch system configured**
- **Cvmfs installed on vboxes & worker nodes**
- **Network: FW issues, LHCONE, IPv6**
- **CERN LDAP parameters set up**
- **OSG registration as a resource**
- **OSG CE configuration (can be a hidden resource)**
- **...?**

Tasks once jobs are running

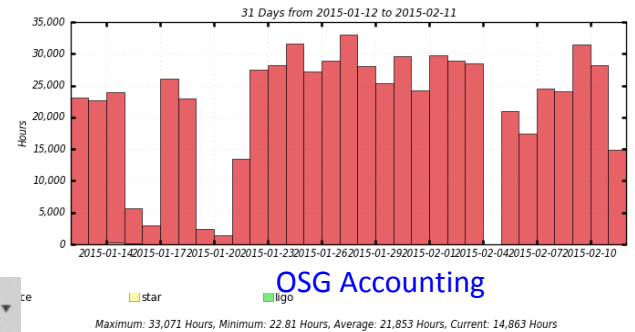
- Monitor job properties in MonALISA
- Cross check with local accounting
- Cross check with OSG accounting
- Monitor SE for test failures
- Monitor service status reports
- Add local alarms?
- ...?



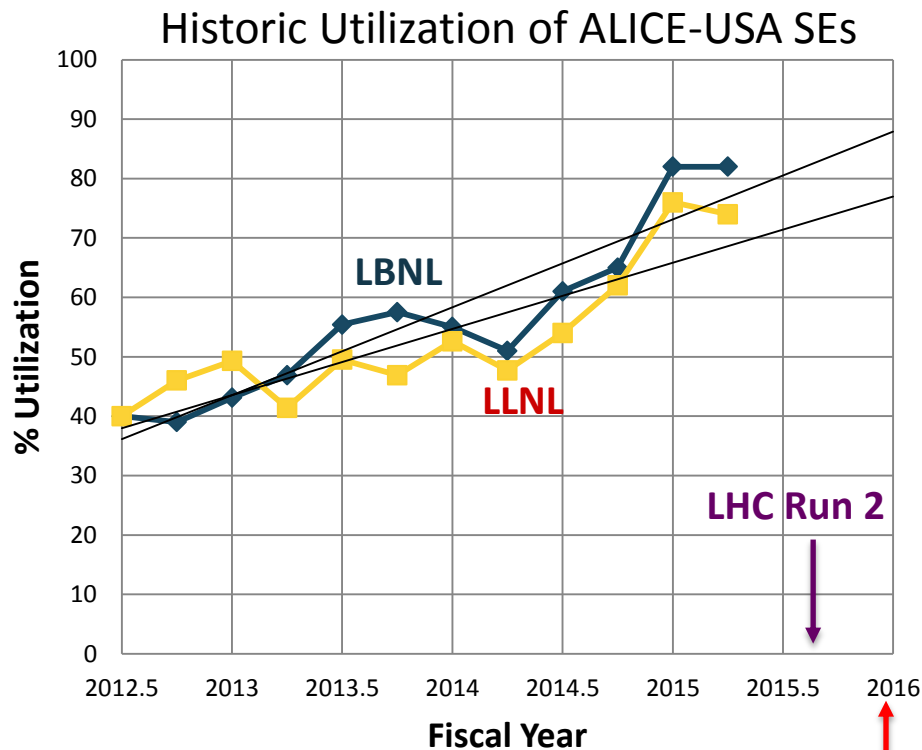
AliEn FireFox ToolBar



AliEn Repository | 54418 Running Jobs | Site services are ok | Central Services



Timeline constraint: New storage and data copy



October 1, 2015

Multi-year storage deployment strategy

(Review Recommendation #2)



	FY 2014	FY 2015	FY 2016	FY 2017
Disk (PB)	1.4	1.9	2.9	3.8
% disk obligation	82%	70%	88%	100%
Disk deficit (PB)	0.3	0.8	0.4	0.0
Disk deficit cost (\$M)		0.21	0.10	0.00

