NOvA Experiment Status

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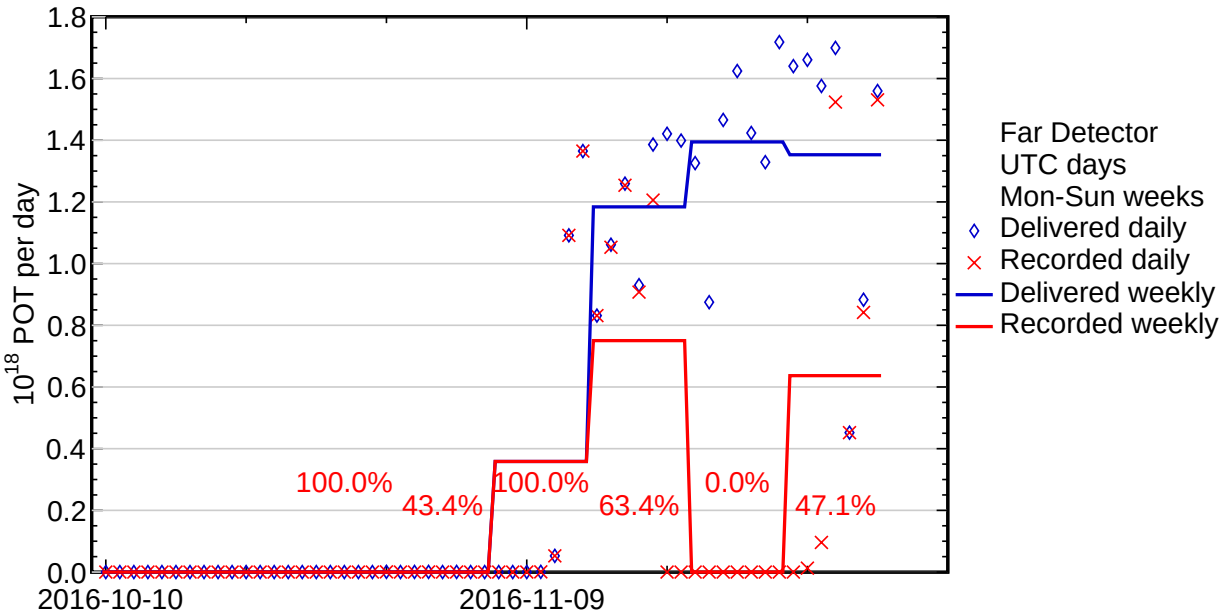
Highlights from the week

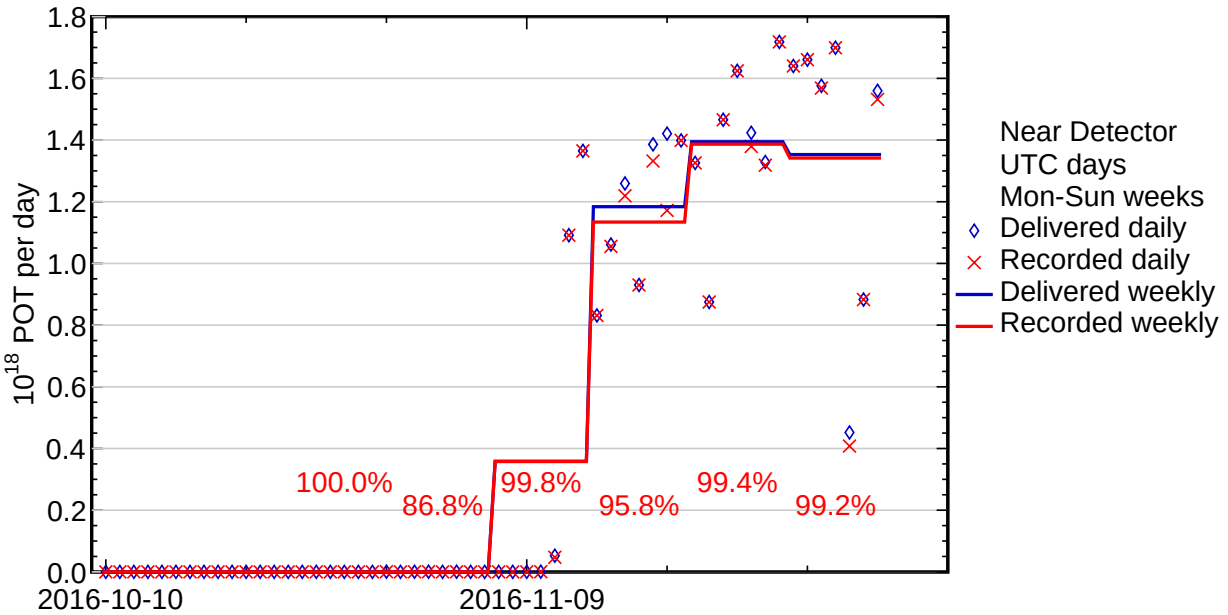
- Far detector: Completed preliminary recovery from Nov 18 snowstorm-induced overheating incident
- Running in nominal configuration since noon Thursday
- For beam data, detector is fully restored
- Buffer depth for data-driven triggers and supernovas is reduced from 17 minutes to 12.5 minutes due to fewer nodes
- Redundant systems are in place to prevent a repeat incident
- To complete recovery, we will be installing a replacement UPS, new sprinkler heads, and replacement buffer nodes
- Near detector is running smoothly

DAQ Status and Uptime

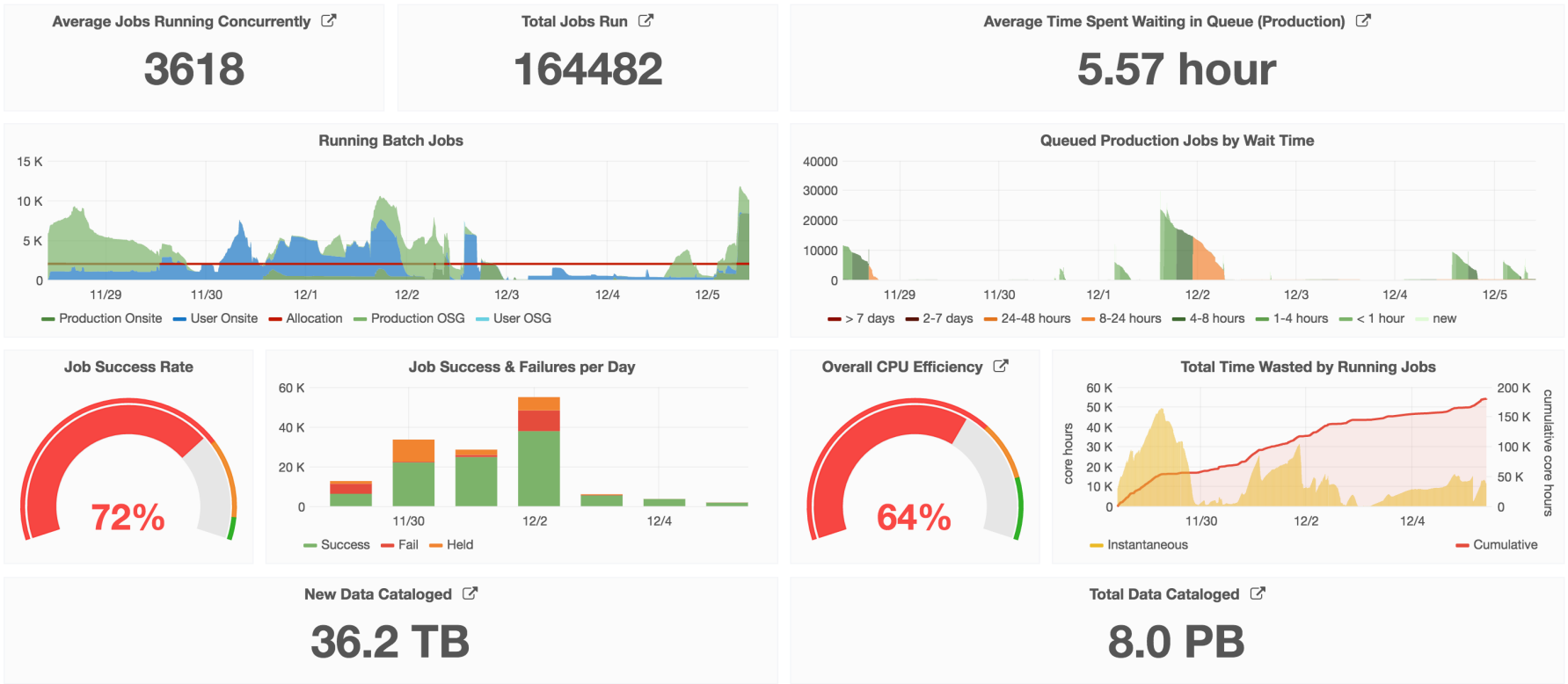
- Far detector running well starting noon Friday.
- No evidence of additional instability
- 9.47×10^{18} POTs delivered in the last week
- 4.46×10^{18} POTs recorded



- Near detector running very well
- 9.39×10^{18} POTs recorded



Last Week



- MC generation now getting underway.
  - Some hiccups related to a new set of flux files, hence the low success rate and efficiency, but we think we are running smoothly now.
- Running at high scale (10k+ jobs) with combined onsite+offsite submission.