NOvA Experiment Report

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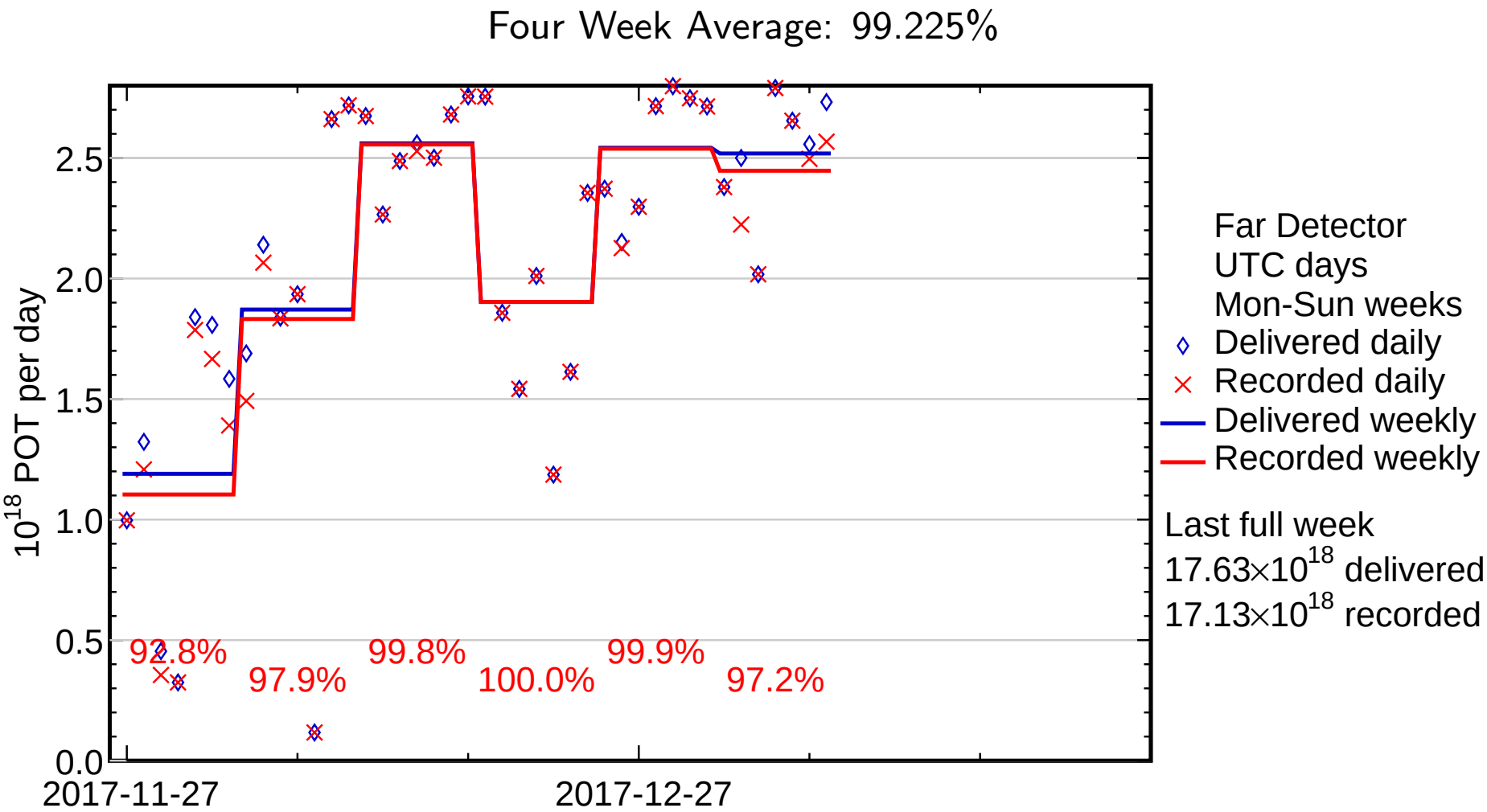
Overview

- Far Detector downtime for the majority of the day shift tomorrow
  - purpose is to install and test fail-safe, temperature-controlled electrical panel breakers for the Far Detector computing room
  - last step in our remediation of the features of the computing room and cluster infrastructure design that led to the November 2016 sprinkler activation incident
  - any elevation of the computer room temperature above our set threshold will result in power to the computing room being cut
  - restoration of power in such a case will require manual intervention in the computing room

DAQ Status and Uptime: FarDet

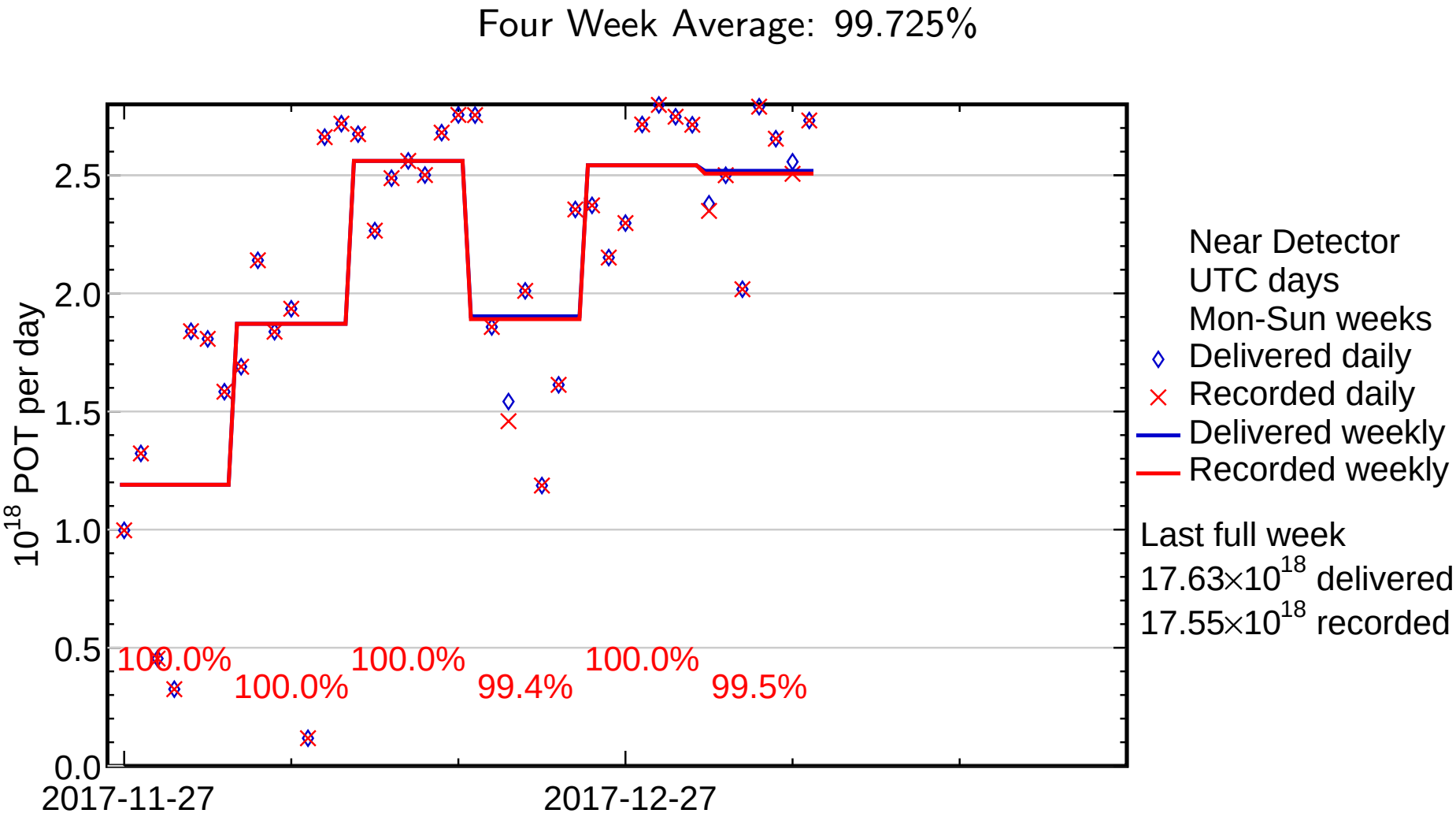


FY18 POT: 9.8E19 delivered | 9.6E19 recorded

Total neutrino mode POT delivered: 124.06E19

Total anti-neutrino mode POT delivered: 48.54E19

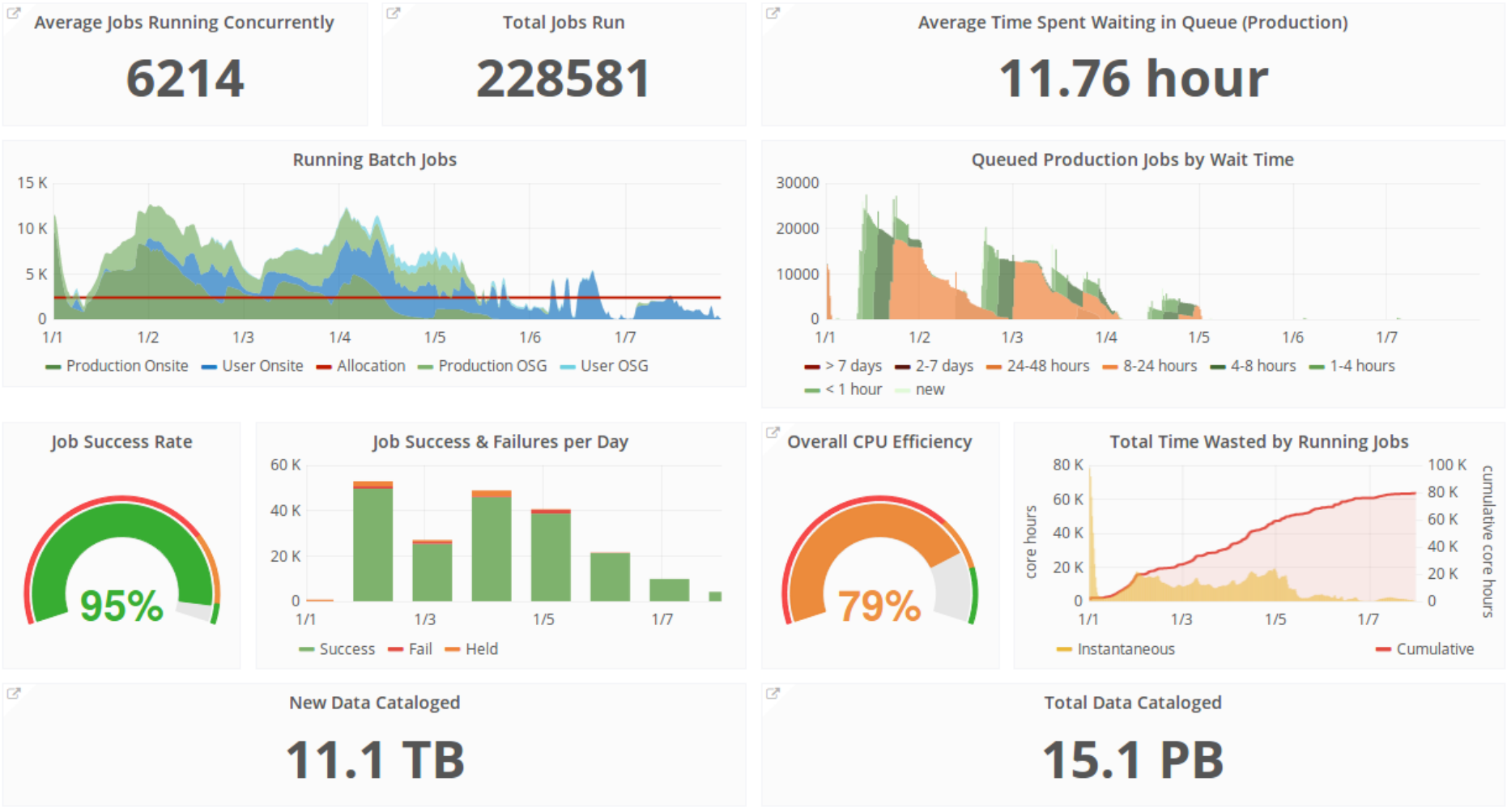
DAQ Status and Uptime: NearDet



Landscape

NOvA Computing Summary

Fermilab



- Winter production campaign continues.
- Working with FIFE & Storage to optimize production file handling (extra throughput over holidays created backlog of files to be written to tape)