

# The MINERvA Operations Report PMG Meeting

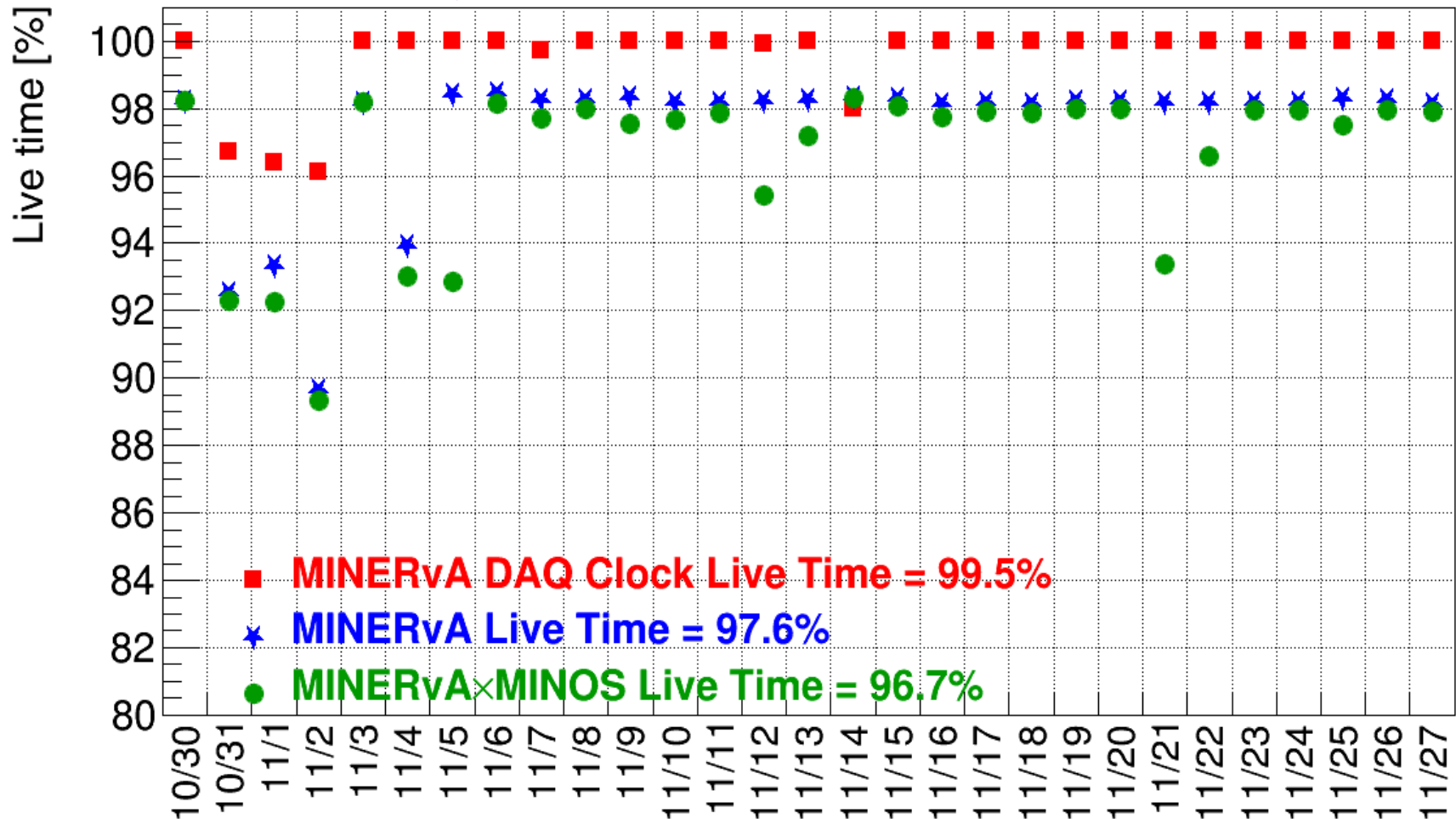
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Dec 6 , 2018



# anti- $\nu$ Data



Oct 30 - Nov 27, 2018: POT Delivered =  $5.85 \times 10^{19}$

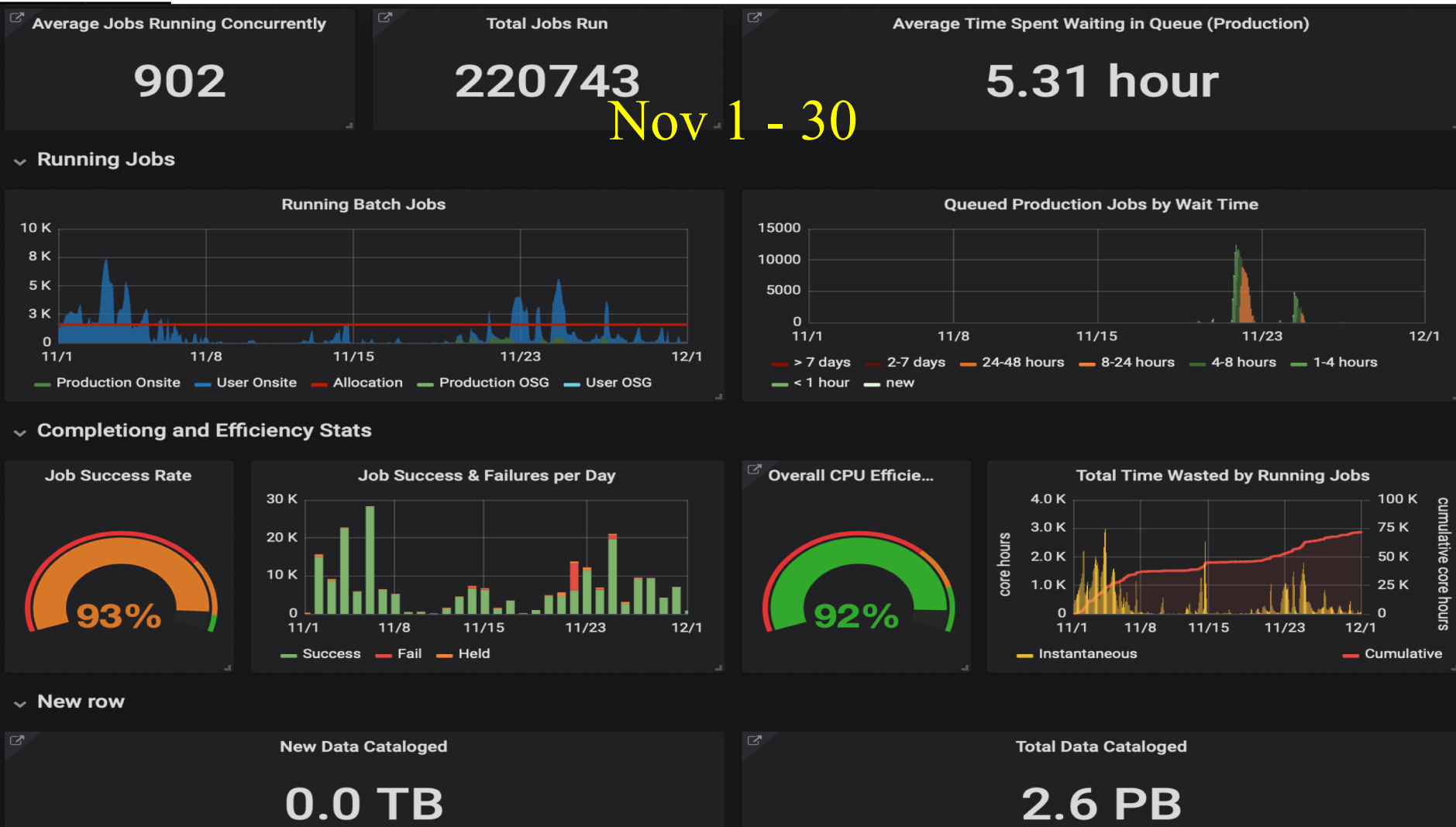




# MINERvA & MINOS Data



- Before Nov 2, chain 0-4-0 has been stopping the MINERvA DAQ every 1-2 days.
  - The problem started 2 ½ years ago, and by this time we had replaced all the hardware except 2 cables.
  - On Nov 2, we replaced 2 FEBs and the errors on 0-4-0 stopped.
  - MINERvA has run without errors on any chain since then.
- ~ 2 – 3 times week a tube has its HV varying 20 volts. A PMT gets its HV from a CW. Not bad enough to replace hardware. To replace hardware we would need to remove the roof.
- Work is being done on the fall protection for cleaning out the pans that prevent water from dripping on MINERvA.
- MINOS DAQ has been stopping ~ 2 – 4 times a week. A software reset gets MINOS running.



- Average concurrent jobs is 902, which is less than average quota, 1600.
- Job success rate is good at 93%
- CPU efficiency is good at 92%.