

MicroBooNE Status

David Martinez

Illinois Institute of Technology

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AEM meeting.

Activities during the week

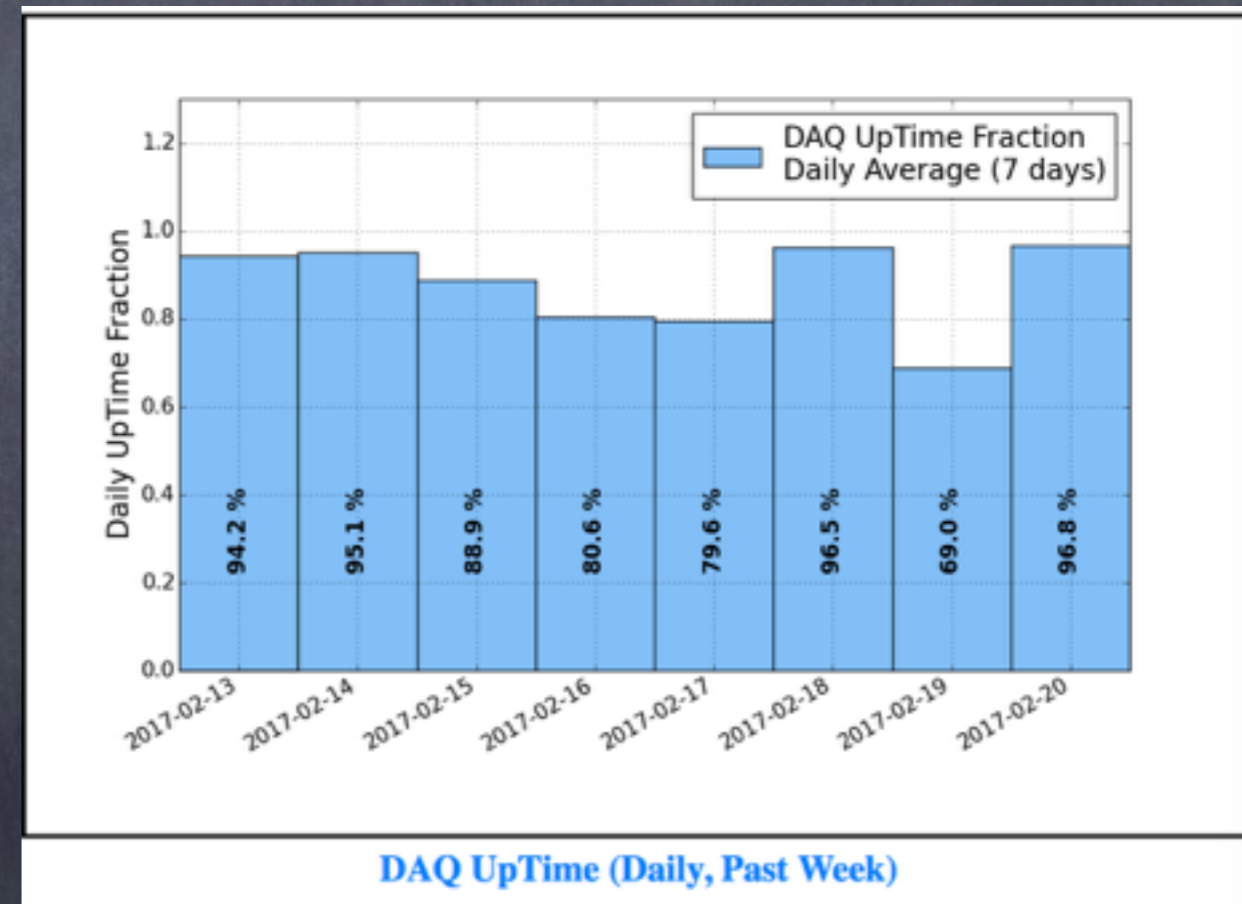
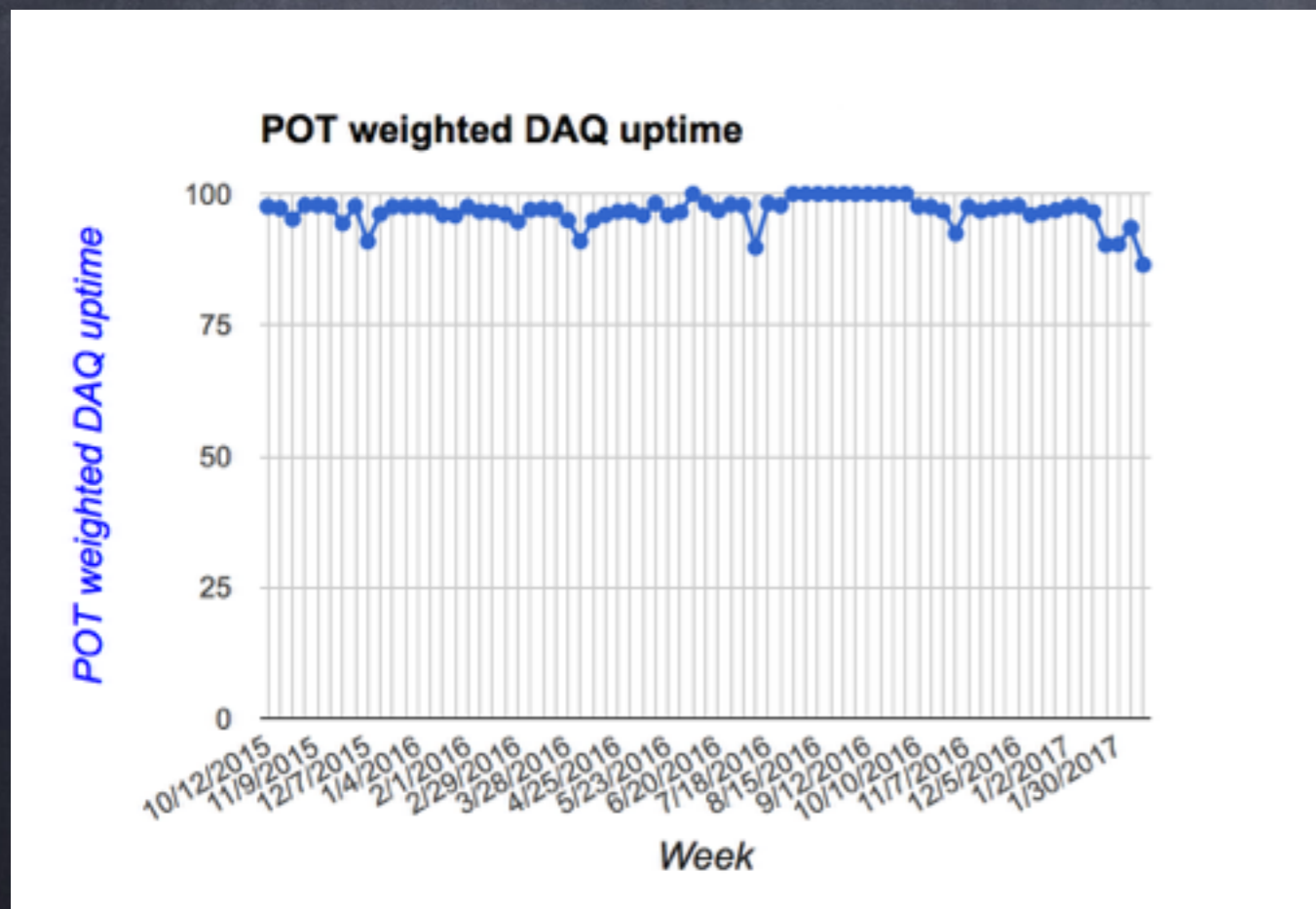
- We continue analyzing the "burst" events. We have found correlation with the PMT signals for some of the burst events. Furthermore we are working on a historical look back of the "burst" events.
- We run the detector at different drift HVs with the pick off point grounded and wire bias voltages turned off. We see a rate reduction in "burst" events of about one order of magnitude when we compare with our previous data where the pickoff point was not grounded and the wire bias was on.
- We find several periods (the longest one of ~36 hours) when the detector went back into a "stable" state, but suddenly the detector came back to our previous pick off instability state. We are analyzing the data of the "stable" period of the detector.
- Yesterday we decided to ramp down the drift HV to 0kV after seeing continuous increasing in the current draw for different FTs.

DAQ Uptime: 86.5 %

BNB Uptime: 87.78 %

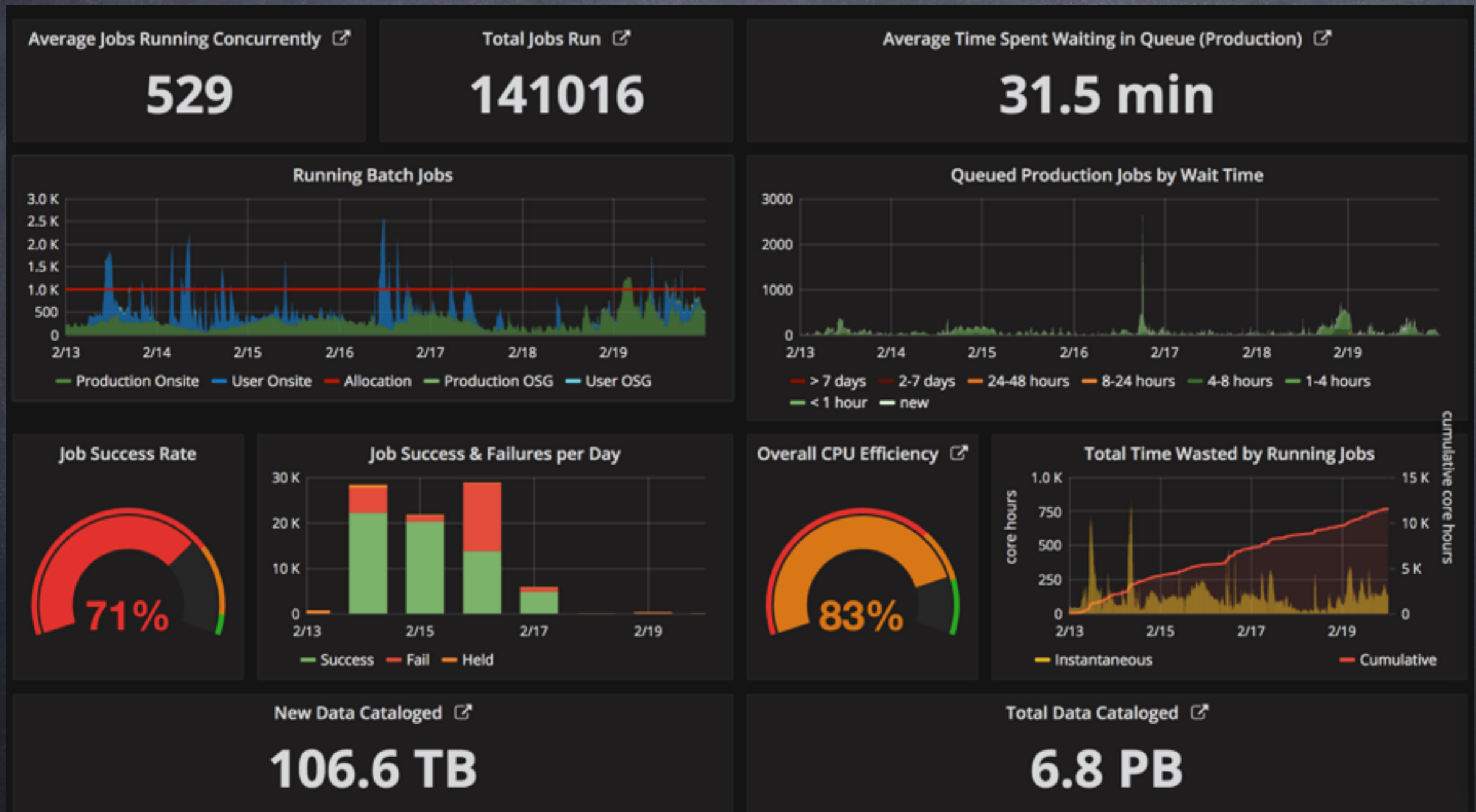
POT Delivered: 5.3 E20 (5.7 E18 this week)

POT Recorded: 5.1 E20 (4.9 E18 this week)



Computing Summary

- We are working on validation samples.
- We will be sure to increase the job success rate once the official production jobs begins.



Summary

- Operations team and collaboration continues investigation.
- Many thanks to Fermilab personnel working on the problem
- Daily meetings continue until problem resolved