B654 Status update

Feb 8, 2018

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rzTopaz power issue

- Multiple power outages
  - Inspection of all nodes in system
  - Additional grounding
  - Monitoring added
    - Found high load on neutral leg

• Issue
  - Rectifiers were harmed at Penguin testing LAMPS power fluctuation
  - No useful feedback on FA. Issue only on 277V

• All Rectifiers have been replaced, Neutral leg is now in spec
Quartz Cooling Update

• $10M cost cap on building
  • Compromises made, data said we would be OK
  • Hot air exhaust issues

• Quartz status
  • Inlet air overwhelms outlet
  • Draining nodes with 95F inlet temperature
  • Smiling chassis’ allow hot air into cold

• Adding 2 additional air handlers to increase cooling

• Retrofitting exhaust fans for existing air handlers

• Dropped ceiling will be installed to contain heat