

B654 Status update

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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**

