

Recovery from unplanned power outage

List of things to do:

- Start QNAP NAS (in S20 gallery) and ask Ken/Jeremy to mount it on all facet computers (facet-srv20, cpu-liXX-pmXX)
- Test DAQ
- Check pico motor servers are running
- Check state of flippers. They might have gone to an unsafe state.
- Home UPX stages. Do this only for stages you know are safe to move.
- Test transmission through IP with alignment laser. The oven mover, actuators with foils or wire scanners may be in an undefined state.

| Things to check: | 3/2/24 outage | System owner: | Notes: |
|--|------------------|------------------|--|
| | | | |
| Oven mover is in bypass position | | Doug S. | Required to clear MPS fault. |
| Retract the DS Be window | | Doug S. / Ivan | |
| PB, spectrometer, and laser transport turbos on | | Doug S. / Ivan | |
| When LCW is off : Ensure beamline valves inserted, DPS turbos and roughing pumps are OFF. | | Doug S. | |
| When LCW is back on : DPS pumps restarted (US and DS turbos and roughing pumps). <ul style="list-style-type: none">• VV 3172 retracted when vacuum is stable. | | Ops / Doug S. | DS Be window should be retracted first |
| DPS Vacuum watcher restarted | | Ops / Doug S. | |
| Spectrometer Camera Checkout Procedure | | Doug S. | |
| IP flippers are checked and are in a safe state | | | |
| Motor reinitialisation: Most motors are homed, a few are postponed to next PAMM (see: here) | | | |
| Alignment laser can transmit through IP into IPTOR1. IPOTR2 Camera problems, DSOTR Motor issues (catered) | | | |