

Failure Mode Analysis

Power

Component	Power Required	Self-starting after outage?	Circuit
MPOD		no	2R2 13
RCE DAQ			2R2 19
SVT chiller		no	2R2 19
FEB chiller		yes	
DAQ PC			2R2 19
EPICS PC			2R2 19
Interlock hardware		yes	
Air dryer		yes	2R2 13

- How many circuits are required?
- What gets grouped together?
- What happens in event of building/site outage?
- Are there planned building outages?

Communication, Monitoring and Control

- What network resources do we depend on in lab? in 84? At SLAC?
- Are we dependent on any external computing resources?
- What is done in the event of loss of control?
- Who is responsible? On call/shift list?
- What are procedures for each kind of interlock trip?