

Hall D Power Outage

Week of June 15th

Presented by Tom Carstens

Planned Schedule

- Phase 1 – June 15
 - Power out for 4 hours to pull new power cable
 - No generator – UPS power only
- Phase 2 – June 22-24
 - Power out for 4 hours to hook up generator
 - UPS items only powered
 - Generator power only for 2-3 days
 - Power out for 2-3 hours to disconnect generator
 - UPS items only powered

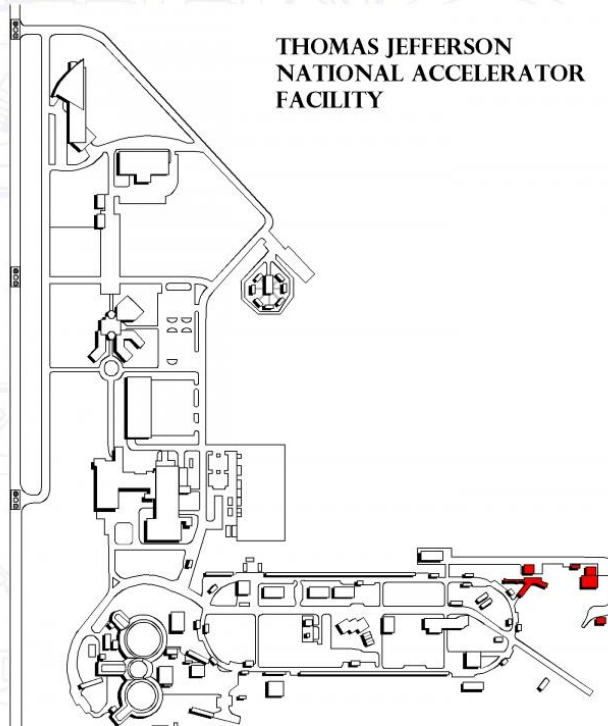
<https://cc.jlab.org/cgi-bin/infrastructure/Outage/OutageView?ident=25>

Title:	UIM Electrical - North Loop/Hall D Outage		
Type:	<input checked="" type="checkbox"/> Power <input type="checkbox"/> Network <input type="checkbox"/> Telephone <input type="checkbox"/> Road <input type="checkbox"/> HVAC <input type="checkbox"/> Water <input type="checkbox"/> Gas <input type="checkbox"/> Controls <input type="checkbox"/> Other		
Status:	<input type="checkbox"/> Proposed <input checked="" type="checkbox"/> Confirmed <input type="checkbox"/> Cancelled <input type="checkbox"/> Completed		
Proposed by:	Michele Solaroli	E-Mail:	solaroli@jlab.org
Start Time:	06/15/2015 07:30	End Time:	06/15/2015 11:30
Description and Impacts:	UIM Electrical contractor will be upgrading primary segments between MH 8 and MVS#6 which will impact all Hall D facilities. Outage has been coordinated with Tim Whitlatch, Steve Suhring and facilities. There will be a short 4 hours outage on Monday followed by a 2-day outage later in the week.		

Affected Areas:

- Bldg 200: Hall D Service Building
- Bldg 201: Hall D Cryo Plant
- Bldg 202: Hall D Counting House
- Bldg 203: Experimental Hall D
- Bldg 203A: Hall D Trailer
- Bldg 204: Hall D Tagger

THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY



Hall D Power Outage

Phase 1 No Power for up to 4 hours

What will be on via UPS(s)?

- Detector Gas System (reduce gas flow)
- Solenoid Vacuum Pumps and controls
- Solenoid Controls Rack
- GLUON #1 computer for Solenoid
- 3 other computers (alarms, epics etc)
- Ethernet switch
- Fire alarms/VESDA/CANS
- ODH Sensors (May not last 4 hours)
- Phones/LAN

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Phase 1 No Power for up to 4 hours

Reminder of what will be off

- If Cans not operational, use key to enter Counting House/Hall
- HVAC It will get warm in the Rack Room bcs of UPS
- Lights Emergency lights only (may not last 4 Hours)
- All detector systems except gas

Hall D Power Outage

Phase 2 Generator power

Same as Phase 1 for the first 4 hours until the Generator is wired in and running.

What is on with the Generator running for 2-3 days (weather dependent)?

Same as Phase 1 Plus:

- Lights
- Controls Air System (Gate Valves)

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Phase 2 Generator power

Reminder of what is off:

- Chilled water This means no HVAC It will get warm in the Rack Room (bcs of UPS) and in the Hall.
- All of the equipment in the Rack Room except for Gluon1 to monitor the Solenoid and 3 other computers (alarms, epics etc)
- All detectors and support equipment (except gas system at reduced flow)

Summary

- Please turn all unnecessary equipment off or it may be powered down in an undesirable fashion!
- Do not plan any work in the Hall or Tagger for the 15th or week of the 22nd.
- Do not power anything up between the 15th and 29th. (wait for humidity in hall to stabilize after power comes back on)