

AT-A-GLANCE RESEARCH OUTAGE IMPACTS RESOURCE updated 10/13/17 SOM Safety x5-9356

Outage	Description/Used for	Potential Impacts of Outage	Recommended Actions	Resources & Contacts
Chilled Water	Cools building systems, machinery (inc some lasers). May impact HVAC.	May not be available: cooling of Lasers General comfort (heat)	Check manufacturer's specs for lasers. Consider animal needs (cooling) Take breaks, drink water, or work elsewhere as needed	FM Customer Service 310-206-8847 EH&S Laser Safety 310-825-0352 Heat Illness Fact Sheet
Compressed Air	Drives building maintenance systems. Pressurizes some equipment	Air exchanges to TC rooms Function of autoclaves, dish, glass, & cage washers. Ventilation, room pressure.	Do not perform work with biohazards without air exchanges. ID alternative equipment for temporary use.	FM Customer Service 310-206-8847 EH&S Biosafety 310-206-3929
Cryogenic Materials	e.g., LN2, dry ice	Lack of supply for: MRI Machines, Superconductors, sample transport, shipping	ID alternative source and/or means of preserving samples.	UCLA EH&S SOP – Handling Cryogenic Fluids
Deionized (DI) Water	DI water is supplied for researcher use	Lack of supply for any application requiring DI water	Stock extra DI water in advance of outage. ID alternative source	FM Plumbing Shop 310-206-8842
Electrical Power Generator	Cogeneration plant provides 80% of UCLA's electric power on site.	Normal function of lights, door locks, power outlets, computers, freezers, refrigerators, and more	Plug essential equipment into Red Outlets Keep flashlights and batteries handy.	FM Utility Distribution 310-206-3856 Video Tour of CoGen Plant
Emergency Power	A monthly check of backup power is performed.	Machines plugged into Red Outlets may reset or turn off	Check equipment regularly to ensure it is still running at desired settings.	FM Utility Distribution 310-206-3856
Domestic Cold Water	Used for indoor household purposes, e.g., drinking, food preparation, & bathing. Supplies bathrooms,	May not be available: Emergency Shower/Eyewash Handwashing/biohazard emergency procedures Fire Sprinklers, Restrooms	Do not perform research activities with hazards unless sprinklers, emergency eyewash/shower are available. Do not work with biohazards without handwashing Consider animal needs (water)	FM Utility Distribution 310-206-3856 FM Plumbers' Shop 310-206-8842 May be possible to obtain a temporary eyewash unit
Domestic Hot Water	emergency shower/eyewashes	May not be available: Cage washers, dishwashers, & restrooms.	Identify an alternative restroom. Do not attempt to use washers during outage period.	
HVAC (Vent, Fan, Cooling, Heating, Exhaust)	Heating, Ventilation, Air Conditioning. Controls building air exchanges & building ventilation.	Function of Fume Hoods & Ducted BSCs Normal room air exchanges Cooling of computer servers General comfort (heat) BSL 3 containment	Do not work with haz mats if fume hoods or BSCs are unavailable. Do not work with biohazards if room air exchanges are absent. Take breaks, drink water, or work elsewhere as needed Consider animal needs (heat, cold)	EH&S Fume Hoods Info Heat Illness Fact Sheet FM Utility Distribution 310-206-3856 EH&S Lab Safety EH&S Biosafety 310-206-3929
Industrial Cold Water	Washing, cooling, fabrication, etc.	May not be available: Handwashing, cage/dish/glass washers, biohazard emergency flushing procedures	Do not work with biohazards without handwashing availability. Identify alternative handwashing method/location	FM Utility Distribution 310-206-3856 FM Plumbers' Shop 310-206-8842
Industrial Hot Water	Supplied to sinks inside labs.			
IT Outages	Systems/hardware for info storage, sending, retrieval	function of: Phones, Internet, lab management systems, data backup	Consider alternative, local means of backing up data Know process for IT service request	email Trouble Ticket DGIT Research Computing Services
Natural Gas	Fuel for various applications	Availability of Gas appliances (e.g., Bunsen Burners)	Plan work outside of outage time. Turn off all gas valves as precaution	FM Utility Distribution 310-206-3856
Sewer Lines	Waste stream from restrooms & sinks	May not be available: restrooms	ID alternative restroom	FM Plumbing Shop 310-206-8842
Steam	Powers building system machinery. May impact HVAC	May not be available: Autoclaves, material heating/curing, dishwashers. General comfort (cold)	Review equipment specs for steam pressure and ID alternative equipment for temporary Consider animal needs (warmth)	FM Utility Distribution 310-206-3856
Vacuum	Powers building system machinery. May impact HVAC	Function of: Fume hoods, Ducted BSCs, Autoclaves, Vacuum Filtration, Vacuum aspiration	Do not work with haz mats if fume hoods or BSCs are impacted. Obtain electrically powered setup for longer outages.	EH&S Lab Safety Fume Hoods Info FM Utility Distribution 310-206-3856

UTILITY OUTAGE FAQ

What do I do if I have an emergency?

Call **911 from a campus phone or 310-825-1491 from your cell phone**. Review the [DGSOM Emergency Action Plan](#) and [FM Emergency Response](#) for more information.

What if there is an unexpected utility or facility problem?

Create a Facilities Trouble Ticket 24/7 by calling **310-825-9236** or visiting the [online Trouble Call](#) center.

Why do utility outages occur?

Scheduled outages are anticipated, scheduled outages with a defined scope, typically intended for routine maintenance, renovation work, or construction needs. These are communicated well in advance of their occurrence via the [Outage Notification System](#) and usually through departmental contacts.

Emergency Outages are unanticipated and their scope may not be known at the time of initial communication. Expect updates as the impacts are defined and the outage rectified by UCLA Facilities Management.

How will I be notified of a utility outage?

Sign up for outage notifications using the [Notification Request Form](#). You may also receive this information directly from other personnel, such as your Building Coordinator, Department Safety Coordinator, Lab Manager, PI, CAO, etc.

Where can I get more information about a specific outage?

Each utility outage will include contact information to a Facilities Management professional who can answer more in depth questions about the outage and how it will affect your area. Check the outage notification for this information.

How can I find out about utility outages that are planned for a future date?

The UCLA Facilities Management [Outage Notification System](#) posts all scheduled outages when they are planned. Search by date for outages planned outside of regular business hours, including nights and weekends.

I have a process or equipment in my lab that was impacted by an outage, but it was not included on the resource. What do I do?

The sheer number of different labs makes it difficult to imagine all of the different experimental processes that may be affected by the utility outages. **If you an issue and would like to add it to this resource, please forward the outage notice and a description of its impact on equipment or processes in your lab to SOMSafety@mednet.ucla.edu.**

UTILITY OUTAGE RESOURCES

FM Trouble Call

<http://www.troublecall.admin.ucla.edu/>

Phone: (310) 825-9236

EH&S Hotline

310-825-9797

EH&S Laboratory Safety

Laboratorysafety@ehs.ucla.edu

310-825-5689

EH&S Biosafety

biosafety@ehs.ucla.edu

310-206-3929

HELPFUL LINKS

Facilities Management Trouble Call Online — http://www.troublecall.admin.ucla.edu/tcall_plsql/pkg_tc.newTicket

Facilities Service Request (FSR) — <http://www.fsr.admin.ucla.edu/>

UCLA Facilities Emergency Response Information — <https://www.facilities.ucla.edu/services/emergency-response>

UCLA Facilities Management Outage Notification System — <http://outages.admin.ucla.edu/>

Outage Notification Request Form — <http://outages.admin.ucla.edu/notificationrequest.cfm>

UCLA Facilities Management Web Page — <https://www.facilities.ucla.edu/>