

SUBJECT: Seeley G. Mudd Building (SGM)

Your building has a proposal underway to install an emergency generator which will be able to provide power to research equipment. At that time, a generator will start approximately 30 seconds after the loss of power.

Your building has the ability to receive power from two separate electrical vaults on campus. In the event that one of the DWP services is down, or campus electrical distribution is disrupted, your building's service will be switch to the other vault and normal power will continue to be provided. This switch over is typically less than 2 hours.

Listed below are examples of emergency power strategies based on how you would like your equipment to operate in the event of a power outage.

Research Equipment Operation in the Event of a Power Outage

		None	Local UPS	Building Generator	Comment
1	Equipment shut down and remain off until normal power restored (< 4 hour outage)	X			Can include freezers, non- essential equipment
2	Equipment shut down and remain off until normal power restored (> 4 hour outage)			X	
3	Equipment operate until it can be shut down by Principal Investigator		X		Notification of power outage to PI required, UPS sizing critical
4	Equipment restart as soon as power can be made available			X	Restarting of equipment may be necessary
5	Equipment cannot be shut down*		X	X	

* Due to potential equipment damage or long duration experiments

If you have identified a “building level” emergency power need that is not being met, bring this to the attention of your facility manager or director as listed below. **Upon request, FMS will assist in assessing emergency power needs, UPS sizing and selection, and developing overall power outage strategies.**

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