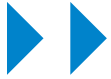


Disruption of the normal power supply to the operating room



## Start

### GENERATOR FAILED – NO POWER

1. Call for “ANESTHESIOLOGIST STAT”
2. Delegate Tasks:
  - ▶ Light surgical field
  - ▶ Call for extra flashlights (may use cellular phones as light source)
  - ▶ Portable suction machines
  - ▶ Monitoring (call ICUs, ER if needed)
    - External/portable transport monitors
    - Manual BP cuffs
4. Contact Engineering to communicate power failure and determine length of power disruption and number of ORs affected
5. Finish procedure as quickly as possible
6. Conserve ventilator back-up battery
  - ▶ Do not use Desflurane vaporizer
  - ▶ Unplug Desflurane vaporizer
  - ▶ Change anesthetic to Isoflurane or Sevoflurane or start TIVA
  - ▶ Change mode of ventilation to “bag” and hand-ventilate; consider ambu-bag or auxiliary O<sub>2</sub>
7. Ensure ventilator/monitors/PYXIS/Electrocautery/EMR are plugged into “RED” outlets (only outlets supplied by the backup generator)
8. Convert to paper charting if the EMR fails
9. If on Cardio-Pulmonary Bypass – Call for extra staff to help with “cranking” the CPB machine
10. Do not start elective cases while relying on Generator/Back-up power/No power

### GENERATOR FUNCTIONING

1. Call for “ANESTHESIOLOGIST STAT”
2. Ensure ventilator/monitors/PYXIS/Electrocautery/EMR are plugged into “RED” outlets (only outlets supplied by the backup generator)
3. Contact Engineering to communicate power failure and determine length of power disruption and number of ORs affected
4. Convert to paper charting if the EMR fails
5. Finish procedure as quickly as possible
6. Consider cancelling the procedure if:
  - ▶ There is insufficient lighting to proceed
  - ▶ The necessary equipment is not functional (i.e., laparoscopic equipment without power)
7. If on Cardio-Pulmonary Bypass – Call for extra staff to help with “cranking” the CPB machine if the back-up battery supply fails
8. Do not start elective cases while relying on Generator/Back-up power
  - ▶ Communicate to all surgeons/staff: “Elective surgeries will be postponed until normal power is restored; the OR is running on back-up generator power.”
9. If generator fails, proceed to “GENERATOR FAILED” checklist on Left side of this page