

## Emergency Procedures Aurora Tower

The committee have created this list to advise residents the basic actions/ likely areas that need to be considered in the event of an emergency. The list has been based on the experience of long-term residents and advice from the building consultants.

The document remains a work in progress.

### Caretaker (Oaks) Preparations

- Inspect and secure all items on the roof.
- Place a witch hat over the floor drain at Queen St exit door near the Mint office. This drain can become a fountain in heavy rain. (This door is a fire exit and must not be blocked).
- Close and lock outdoor areas on level 7.
- Remove or secure all loose items.
- In case of power loss, Energex must be asked how long before power is restored.
- The decision to evacuate the building must be made within 90 minutes. (This is the battery life for the emergency lights in the fire stairs.)

### Advice To Residents

- Remove or secure items on balconies.
- Have towels ready in case of leaks.
- Have torches and spare batteries.
- Stay at home – minimise lift usage unless advised otherwise.
- Garbage collection may be delayed.
- Keep garbage at home until after the event.

### Electricity Supply

- Aurora is on a ring main and can be supplied from either direction.
- The Royal Brisbane Women's Hospital (RBWH) is on the same main.
- Aurora has 2 x 100% transformers which are above flood level. Energex won't disconnect because of risk of damage to their transformers.

### What happens if we lose power

#### Lifts

- Lifts will stop. Lights will fail and the lifts will be black.
- Kone staff may be slow to respond.
- May need to call QES to release trapped passengers.

#### Lights

- Emergency lights have 90mins minimum.
- Fire stairs will be black (dangerous) after 90mins.
- Corridors will also be black.

### **Water supply**

- Water supply pumps (fire booster pumps) will stop.
- Water tanks have ~12 hours supply with normal usage.
- Diesel pump can be used to fill tanks but fire shut-off valve on roof must be open.

### **Fire Control**

- Fire control panel and annunciator have battery backup that is required to have a minimum of 24hr. This will last 2 to 3 days under normal conditions. These times will reduce if they are operated.

### **Building security**

- Access Control system will stop after ~1 hr.
- Doors and gates will fail to open.
- Maglock doors on L1 car park entry, L68 and Heritage entry will unlock immediately.

### **Risk of flooding**

- Sump pump on B2 will stop.
- The lower car park may flood so cars parked there should be moved. They should be parked anywhere that is safe and doesn't affect others.

### **Air Conditioning**

- Apartment and common area units will stop.
- BMS has UPS (Uninterruptable Power Supplies) but equipment on roof and pumps on L25/45 will stop

### **Building internet**

- Apartment routers will lose power.
- Gateway and switches have UPS backup (~1hr).

### **CCTV**

- Most cameras will stop.
- Servers have UPS backup (~1hr).

## Uninterruptable Power Supplies

- There is UPS backup to the following:
  - Lift emergency phones (~4 hrs)
  - Access Control System (~1 hr)
  - Alerts eg water tank, pit water etc (~1 hr)
  - CCTV servers (~1 hr)
  - Air conditioning Building Management System (BMS) (~1 hr)
  - Key safe (~12 hrs) – has manual override
  - Pixel lift monitoring (~1 hr)
  - Building internet switches and gateway router (~1 hr)