



Altair Air-Conditioning
Plan B
Brief

We require a professional report from a reputable and appropriately qualified source, independent of any supplier of Altair or Francis Management. This report should precisely resolve:

1) Current capability

- a) What is the current carrying capacity of Altair's existing mains and what substation are they fed from.
- b) The current capacity of Altair's electricity infrastructure (Main switchboard, rising mains, consumer mains etc.)
- c) Current peak electricity usage by Altair.
- d) How much spare capacity is available for future expansion e.g. Lifts, Electric Car charging??

2) Required capacity – must take into account equally available universal A/C

An appropriately qualified consultant shall be engaged to advise on the following:-

- a) Given the Current capability as positively determined [from 1) a/b/c above] is there any form of air conditioning that could be approved for universal installation, without modification to the existing infrastructure.
- b) Provide advice on A/C installation to all 1,2 & 3 bedroom apartments - **option 1**
- c) Provide A/C to bedrooms only – **option 2**
- d) Provide full load current for each configuration and option

3) Required upgrade

Using all of the above information, Electrical Engineer to undertake maximum demand calculations as required to determine for each option:

- a) Size of mains required.
- b) Upgrade [if any] required to main switchboard.
- c) Upgrade [if any] required for rising mains.
- d) Upgrade [if any] required for consumer mains from hallway meter cupboard to apartment switchboard
- e) Electrical Contractor or Engineer to consult with Ausgrid regarding the power available to us now, and what we would be required to do to access the increased amount of power [if required] (e.g. possible new transformer)

4) Cost estimate

A cost estimate for each of:- **3) a), b), c), d) and e)** and any directly associated costs.

5) Fee

6) Timeline