

# OP-GDL-0007 – Specific Requirements for Lodging and Application

Operations | Planning



Security Class: Public – Social Media

Existing installation owners shall complete a PowerNet “Installation Connection Application” and obtain approval before proceeding with any of the following work.

- a) For domestic installations, connection of appliances with a combined load in excess of 5kW.
- b) Connection of motors
  - For all installations with contract supply capacity up to 30kVA, installation of electric motors greater than 1.5kW.
  - For installations with contract supply capacity over 30kVA, installation of electric motors greater than 5% of the contract supply capacity.
  - Details of motors are to be provided on the Motor Installation Form shown in Appendix 3. This form must be accompanied by an Installation Connection Application form showing the contract supply capacity required, (either confirming the existing capacity or requesting a change).
- c) Connection of Power Factor correction equipment.
- d) Installing an appliance that may affect the quality of supply to other installations by the introduction of harmonics or by causing voltage fluctuations, e.g. welders, etc.
- e) Altering or replacement of customers mains if the work will require alteration to the point of connection, e.g. overhead to underground conversion, replacement of customer’s mains.
- f) Installation of capacitors that result in the total capacitive load of an installation exceeding 2% of the contract supply capacity.
- g) Requesting a change in the contract supply capacity.
- h) Adding a new separately metered building under an existing supply point (ICP). Reconfiguring supplies for installations previously on separate supply points (ICPs) to be fed from a single ICP.
- i) Installing any generation equipment. A different application form is required for this depending on the size.