



| Controlled Loads   | Notes / Sketch of Installation to be Connected <small>(note 2)</small> |
|--|--|
| <input type="checkbox"/> Standard water heating<br><input type="checkbox"/> Day / Night<br><input type="checkbox"/> Night only<br><input type="checkbox"/> Irrigation<br><input type="checkbox"/> Control Period Demand (CPD)<br><input type="checkbox"/> Irrigation (Central Otago only)<br><input type="checkbox"/> Night Boost (13hr) (Central Otago only)<br><input type="checkbox"/> Controlled water heating (20hr) (Central Otago only)<br><input type="checkbox"/> Other <small>(specify)</small><br><hr/> |  |

| Notes  | Standard Low Voltage Connection Capacities |          |  |          |           |
|--|--|----------|--|----------|-----------|
| <p>1. Notifiable loads are defined in Aurora's Network Connection standard, available from <a href="http://www.auroraenergy.co.nz/get-connected/">www.auroraenergy.co.nz/get-connected/</a></p> <p>2. All applications for new installation must show a sketch of the site showing boundaries, building outline, mains entry point, and the location of poles and service pillars.</p> <p>3. A table of standard LV connection capacities is shown to the right. Capacities above 276kVA will require installation of a transformer. Standard transformer capacities are 300, 500, 750 &amp; 1,000kVA.</p> <p>4. The name of the person that will be responsible for payment of the electricity retailer's charges from the date of connection.</p> <p>5. Details required for unmetered load are; type of load, power rating (watts) and daily hours of use.</p> <p>6. NZECP34 defines electrical safe distances. Sections 2 and 3 detail the requirements.</p> | Fuse Size                                  | Notes    | 1 Phase  | 2 Phase  | 3 Phase   |
|  | 63A  | 5A MCCB  | 1kVA **  |          |           |
|  | 63A  | 20A MCCB |  |          | ≤ 15kVA * |
|  | 63A  | 32A MCCB | ≤ 8kVA *   |          | ≤ 24kVA * |
|  | 63A  |          | ≤ 15kVA  | ≤ 28kVA  | ≤ 41kVA   |
|  | 100A                                       |          | ≤ 23kVA  |          | ≤ 69kVA   |
|  | 150A                                       |          |  |          | ≤ 103kVA  |
|  | 200A                                       |          |  |          | ≤ 138kVA  |
|  | 250A                                       |          |  |          | ≤ 173kVA  |
|  | 300A                                       |          |  |          | ≤ 207kVA  |
| 400A   |  |          |  | ≤ 276kVA |           |
|  |  |          | <small>* Reduced capacity connection with load limiting circuit breaker. Refer to Aurora's Network Connection Standard.<br/> ** Unmetered connection. Refer to Aurora's Network Connection Standard.</small> |          |           |

**Office Use Only**

| Connection Costs <small>(all prices exclude GST)</small> |            |          |       |
|--|------------|----------|-------|
| Item Description   | Price Code | Quantity | Price |
|  |            |          |       |
|  |            |          |       |
|  |            |          |       |
|  |            |          |       |
|  |            |          |       |
|  |            |          |       |
| Total cost   |            |          |       |
| Aurora Contribution                                      |            |          |       |
| Total  |            |          |       |
| +GST   |            |          |       |
| Total cost to customer                                   |            |          |       |