# APPENDIX F
## ESKOM’S EDUCATION ON ELECTRIFICATION

### 1. PRE-ELECTRIFICATION PHASE

<table>
<thead>
<tr>
<th>Type of education provided</th>
<th>Content and Approach</th>
<th>Reason / Objective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety measures on the construction site</td>
<td>Lectures, workshops, electricity tokens, information guides and brochures, visual charts and notices, videos and demonstrations</td>
<td>Educate villagers on safety and dangers of using electricity</td>
</tr>
</tbody>
</table>

### 2. POST-ELECTRICATION PHASE

| Safety inside the house | Video on ‘Safety Measures’ and ‘Electricity Safety Tips’: for example,  
- Never take an electrical appliance into the bathroom.  
- Do not touch broken electricity cables.  
- Always replace damaged electrical cords as they can cause a fire  
- Do not join bare wires together.  
- Do not stick bare wires and sticks into electricity sockets  
- Switch off electrical appliances at the mains or unplug at the wall before repairing  
- Do not overload a socket, use correct adaptors  
- Do not run cables under the carpets.  
- Do not make illegal connections | Danger of electrocution and causing a fire |

| Safety outside the house (the surrounding village) | o  
- Children must not to play near to electricity lines, substations, pylons  
- Do not make fires below electricity lines.  
- Be careful not to touch power lines with long objects such as ladders | Danger of electrocution |
<table>
<thead>
<tr>
<th><strong>Power outage</strong></th>
<th>Power outage refers to power failure or when there is cut-off to the supply of electricity in the villages because of various reasons such as planned and unplanned outages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Planned outage</strong></td>
<td>Planned outage involves informing people through the radio, written notices or cell phone SMS that there will be no power supply to certain places on certain dates</td>
</tr>
</tbody>
</table>
| **Unplanned outage** | Unplanned outage is caused by the following:  
  - the burning down of transformers  
  - Natural causes such as wind, lighting and thunderstorms.  
  - Vandalism (i.e. stealing of electricity cables).  
  - Children throwing stones at electricity lines |
| **Service connection fee** | Eskom officials educated people through the same means as those mentioned above on the three types of electricity supply;  
  - 2, 5 Amp; 20 Amp and 60 Amp meter boxes. A 2,5 Amp meter box provides only a little amount of electricity which can be used for playing a radio, TV, etc.  
  - A 20 Amp meter box provides electrical energy that can be used for refrigerators, lights and playing radios and TVs.  
  - The 60 Amp meter box provides power which can be used for light appliances mentioned above including stoves, irons, heaters, geysers, and kettles and so on.  
  - The connection fee for 20 and 60 Amp meter boxes are R165 and R1000 respectively. |