

## Annexure - 11.8

### Procedure for Determination of Connected Load

Name of applicant : \_\_\_\_\_

Service Connection No. (for existing Connection): \_\_\_\_\_

Consumer No. (for existing connections) : \_\_\_\_\_

Address of applicant: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

#### Electrical equipments proposed to be put to use:

(Please fill-up the following table to enable determination of the connected load. Normally the actual load of each item (from name plate in case of heater/machine/motor, etc in general) will be considered to determine the connected load at the premises. In case of non-availability of the rated capacity of any item, the load shown below shall be considered.)

| Item  | Load per item | No.          | Total load (Watts) |
|---|---------------|--------------|--------------------|
| 1   | 2             | 3            | 4 = 2x3            |
| CFL   | 15            |              |                    |
| Bulb  | 60            |              |                    |
| Tube light                                      | 40            |              |                    |
| Fan   | 60            |              |                    |
| Tape-recorder/ Music system                     | 100           |              |                    |
| Television                                      | 90            |              |                    |
| Mixie (If plugged in permanently)               | 375           |              |                    |
| Electric iron                                   | 750           |              |                    |
| Fridge  | 150           |              |                    |
| Cooler  | 250           |              |                    |
| Heater (for cooking /water Heating/room heater) | 1000          |              |                    |
| Washing machine                                 | 750           |              |                    |
| Geysers   | 2000          |              |                    |
| Microwave oven                                  | 2000          |              |                    |
| Air Conditioner (1 ton)                         | 1500          |              |                    |
| Air Conditioner (1.5 Ton)                       | 2250          |              |                    |
| Computer  | 100           |              |                    |
| Printer   | 150           |              |                    |
|   |               | <b>Total</b> |                    |

**Note:** The following shall be adopted to arrive at rating of appliances : 1HP = 746 W, KW = 0.85 of KVA, KW of Welding Machine (if name plate is illegible) = 25 x highest rating of welding current (A) x Power factor (Pf as 0.60), Spare/unused plug or point 1/3<sup>rd</sup> of rating given herein shall be taken as connected load (Plug 5 A = 100W, Plug 15A = 1000W, Light/fan point = 60W).

Signature of consumer/applicant

Signature Load determiner with official designation