

# Electricity Recharge

COPYRIGHT OFFICE  
NEW DELHI  
Reg. No. - 186035/2019  
Date 04/10/2019

**Aim:** - To supply electricity with proper consumption details and the correct billing amount.

**Need:** - In India as we till the early of the 2019, almost each and every house has electricity. But does the electricity board get the exact or proper billing amount as per the units of electricity that is been consumed by the customers...???

Still in many parts of India, the houses and companies have still not paid the electricity bills of the last few years.

The houses that are not been used (closed) or eventually shut down do not actually need electricity, but still electricity is been provided over there.

## Reasons for Electricity Recharge: -

- In India, electricity is been lost in middle or is been stolen from the poles through the wirings mostly in the slum areas and in the villages.
- People tend to steal electricity from the meters through using some devices like: -
  1. Direct hooking from the poles.
  2. Bypassing the electricity meters.
  3. Injecting foreign elements in the energy meters.
  4. Physical obstruction, etc.

## Concept of Electricity Recharge: -

The concept of Electricity Recharge says that: -

1. Recharge the amount of Electricity that we require in the near future, just like we recharge our mobile phones to talk or like recharge the DTH for watching channels on Tv.
2. By this method the electricity board of any state will not have to bear any remaining charges of the electricity from the people.
3. Everyone will get the electricity in the proper and due amount and the electricity will not get lost or stolen in the middle.
4. Ease of the payment methods online as well offline would be done and the maintenance of the electricity been supplied would be hazzle free.

## Process: -

1. When the electricity recharge would be done, electricity would reach our houses due time.  
stead of electricity devices, electric devices would be situated on the roof of e bottom of the building or setup-up box.



उप पंजीयन अधिकारी प्रतिलिप्याधिकार  
DEPUTY REGISTRAR OF COPYRIGHT

3. The set-up box would contain digital cards which would track the consumption of electricity.

4. While recharging the electricity the due date will be mentioned on it.

5. **Keeping track: -**

- If the recharge done finishes prior to the due date without the consumption of the needed electricity then we can say that the electricity was stolen.
- Then the line where the wires can be checked and the theft of electricity can be stopped.
- The consumer will absolutely receive the consumption details and units of electricity used through his phone number or through email.

## Advantages and Disadvantages: -

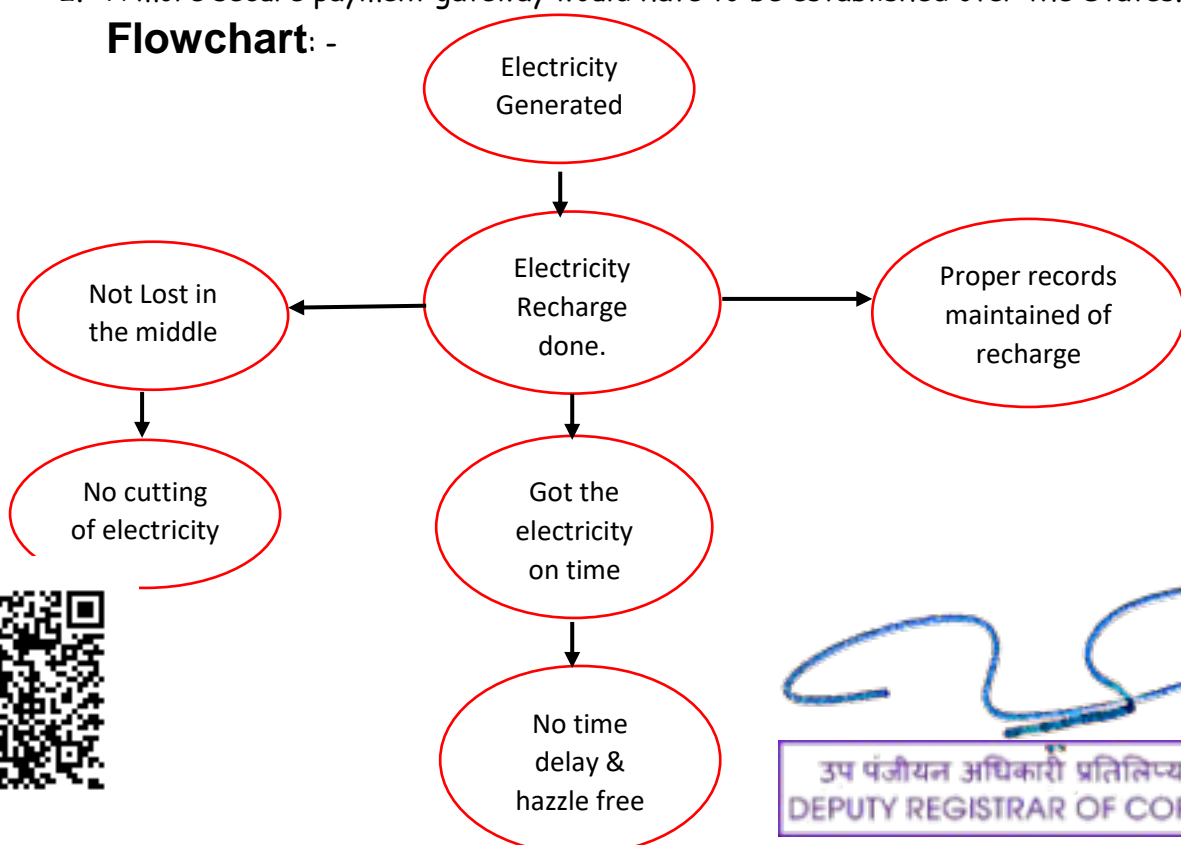
### Advantages: -

- The load shading of the electricity can be stopped and thus each and every sector will get due amount of electricity that they paid for.
- Everyone's power consumption details would be noted.
- Transparency in the Electricity Department would be there.
- The place where the electricity is stolen would be known as the power consumption would be high.
- Secure payment and hassle free recharge of electricity would be done.

### Disadvantages: -

- The cost of changing the electricity meters would be high.
- A more secure payment gateway would have to be established over the States.

### Flowchart: -



उप पंजीयन अधिकारी प्रतिलिप्याधिकार  
DEPUTY REGISTRAR OF COPYRIGHT

### Conclusion: -

COPYRIGHT OFFICE  
NEW DELHI  
Reg. No. - L-86035/2019  
Date 04/10/2019

The electricity consumption and the generation of the proper billing amount would be done without the loss of government in the distribution of electricity.



उप पंजीयन अधिकारी प्रतिलिप्याधिकार  
DEPUTY REGISTRAR OF COPYRIGHT