

GOVERNMENT OF ASSAM  
INSPECTORATE OF ELECTRICITY  
OFFICE OF THE CHIEF ELECTRICAL INSPECTOR -CUM- ADVISER, ASSAM  
1<sup>ST</sup> FLOOR, WEST END BLOCK, HOUSEFED COMPLEX, DISPUR, GUWAHATI – 781 006, ASSAM.  
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No. CEIA/Misc-397/111,

Dated Guwahati, 30<sup>th</sup> June 2014.

**Safety & precautionary measures to be adopted by electricity users during water logging and flood.**

1. All electrical installations should be tested at least once in a year to ensure leakage free installation by a licensed electrical Contractor before monsoon in flood prone areas.
2. It is to be ensured that all metal body of electrical appliances are effectively earth connected.
3. Earth electrodes and earth connections in any installation should be checked once in a year to ensure healthy working condition.
4. In case of water logging and flood leading to inrush of water inside house, the entire electrical installations in house should be made electrically dead by putting the main power source such as MCB / MCCB / Main switch off along with putting the inverter switch off position and disconnecting the battery terminals.
5. All switching off operations should be done wearing dry insulating foot wares like PVC / Rubber shoaled shoes / chappals and preferably standing upon any dry insulating wood or furniture etc.

**Special precautions for use of Inverters/ UPS:**

6. Inverters should be installed/ checked by a licensed electrical Contractor familiar with inverter wiring.
7. Always connect inverter to a two pole three wire grounding mains socket. The neutral wire of an installation connected to supplier's (APDCL) neutral in no case be used as common for power supply from generator or inverter.
8. Wiring for inverter should conform to Regulation 5.5 of the 'Assam Electricity Regulatory Commission (Electricity Supply Code and Related Matters) Regulations, 2004' with changeover system **to completely isolate the supplier's system including the neutral.**
9. The inverter should be installed in a dry place. It should not be exposed to rain, water or moisture.
10. In emergency if the inverter is required to be shut, at first switch off the main switch on the front panel of the inverter, disconnect from power and then disconnect the battery connections. Never pull the AC plug first, as this will start the inverter.

It is to be always kept in mind that electric Power Inverters are a kind of electricity generators that derive power from battery. Electric power Inverters are active and live electric power generators but not passive electric appliances like light / fan / TV or fridge. Passive appliances become dead immediately on removing from power socket. Inverter become and remains fully live and active even after removing from power socket. Inverter become dead or inactive only when “Inverter/Generator” switches in it is put off and battery terminals are opened/ disconnected.

Improper use of electrical appliances and Power Inverter may give severe electric shock resulting to serious personal injury or even death.

**Sd/-**

(S. Barooa)

Chief Electrical Inspector-Cum-Adviser  
Government of Assam.

Memo No. CEIA/Misc-397/111-A,

Dated Guwahati, 30<sup>th</sup> June 2014.

Copy to:

1. The Secretary to the Government of Assam, Power (Electricity) etc. Department, Dispur, Guwahati - 781 006, Assam.
2. The Deputy Commissioner, Kamrup Metropolitan District, Guwahati – 781 001, Assam. This has reference to Memo vide No.Misc.1/2014/CA, Dtd.30/06/2014.
3. The Managing Director, Assam Power Distribution Company Limited, Bijuli Bhawan, Paltanbazar, Guwahati - 781 001, Assam.

**Sd/-**

(S. Barooa)

Chief Electrical Inspector-Cum-Adviser  
Government of Assam.

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