

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1918
ANSWERED ON:02.12.2011
TRANSFORMERS INSTALLED UNDER RGGVY
Singh Dr. Raghuvansh Prasad

Will the Minister of POWER be pleased to state:

- (a) whether 16 KVA, 25 KVA and 40KVA transformers are installed under the Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) in the State including Bihar;
- (b) if so, the details thereof;
- (c) whether a large number of transformers installed under the RGGVY have been burnt out;
- (d) if so, the details thereof, State-wise including Bihar;
- (e) whether the State Government of Bihar has submitted any detailed plan/proposal regarding replacement of the burnt transformers and installation of higher/capacity transformers; and
- (f) if so, the details thereof and the action taken by the Government thereon?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL)

(a)&(b): Under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), the number and size of the transformers is based on the number of connections and load of such connection and also the spread of households. Under RGGVY, High Voltage Distribution System (HVDS) has been adopted wherein HT(11 kV) line is extended close to load resulting in higher HT (11 kV)/LT (220 V) ratio and a number of small capacity transformers are installed instead of one big capacity transformer. HVDS is adopted to reduce T&D losses and power theft.

(c)&(d): Sporadic incidents of burning of transformers have been reported mainly from the States of Bihar and Jharkhand. This matter was enquired and on the basis of study carried out it was found that the main reasons for burning of transformers are:

- a) Un-balanced load,
- b) Over loading due to un-authorized connections or drawl of more power than sanctioned load.

Once the villages are electrified under RGGVY and handed over to State Power Utilities (SPUs), it is the responsibility of the concerned State Power Utilities to maintain the infrastructure including transformers and restrict the load on the transformers according to its capacity or upgrade the capacity of transformer, if required.

(e)&(f): No proposal for replacement of burnt transformers by higher sized/ capacity transformers has been received from the Government of Bihar.