GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4310
TO BE ANSWERED ON 19.03.2020

LOSS DURING POWER TRANSMISSION

4310. SHRI G.S. BASAVARAJ:

Will the Minister of POWER be pleased to state:

(a) whether independent statistical analytics firm based in US (Energy Information Administration)has found that India suffers from one of the highest levels of power transmission and distribution losses globally;

(b) whether according to EIA findings India's I&D losses equal 20% of the generated amount which is more than twice the global average and nearly three times as much as the US; and

(c) the solutions the Government proposes to take to tackle the energy crisis?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) : US (Energy Information Administration) is a US Government agency, and specific information regarding their statistical analysis of Indian energy sector is not available. However, as per information available from International Energy Agency (IEA), the transmission and distribution (T&D) losses for calendar year 2016 in United States (US) was 5.81% while the world average was 8.64%. As per information made available by UDAY States, the Aggregate Technical &Commercial (AT&C) losses of the Distribution Utilities in India in the year 2018-19 was 18.19%.

(c) : Electricity is a concurrent subject and distribution of electricity falls under the purview of the respective State Government / State Power Utility. It is the responsibility of distribution licensees to take necessary steps for reducing the AT&C losses in their system. However, Government of India is assisting states/ utilities to achieve this objective under various schemes, which include Integrated Power Development Scheme (IPDS), Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Ujwal Discom Assurance Yojana (UDAY), to enable States to improve their Distribution infrastructure and systems so that AT&C losses are reduced. Under IPDS/DDUGJY, technical loss reduction measures such as creation /augmentation of sub-transmission & distribution infrastructure; metering of distribution transformers/feeders/ consumers; underground (UG) cabling; aerial bunched (AB) cables; and, IT enablement of distribution infrastructure have been envisaged.

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