

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:3024

ANSWERED ON:12.08.2005

T& D LOSSES

Koya Dr. P. Pookunhi;Mandal Shri Sanat Kumar;Patil Shri Shrinivas Dadasaheb

Will the Minister of POWER be pleased to state:

- (a) the status of transmission and distribution losses in National Grid and in Regional Grids;
- (b) the quantum of electricity lost in T&D during each of the last three years, State/Union Territory-wise;
- (c) the estimated loss in terms of rupees due to this transmission losses and proposed measures to minimize these losses; and
- (d) the remedial measures taken to reduce the transmission and distribution losses?

Answer

THE MINISTER OF POWER (SHRI P.M. SAYEED)

(a) to (d) : As reported by Central Electricity Authority (CEA), the details of Transmission and Distribution losses of various States during the years 2001-02, 2002- 03 and 2003-04 are at Annexure. Estimated savings in terms of rupees to bring down the transmission and distribution losses to a level of 15% is about Rs.23000 crores. The steps taken by the Government to reduce the transmission and distribution losses include:

- (i) Metering of 11kV feeders and consumer metering;
- (ii) Energy accounting and auditing;
- (iii) Strengthening the provisions, relating to theft of power in Electricity Act, 2003;
- (iv) Upgradation and strengthening of sub-transmission and distribution system under APDRP;
- (v) Incentivising for reduction of cash losses by State power utilities under APDRP;
- (vi) Introduction of High Voltage Distribution System (HVDS); and
- (vii) Introduction of IT applications.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 3024 TO BE ANSWERED IN THE LOK SABHA ON 12.8.2005.

Percentage Transformation, Transmission & Distribution Losses
(including energy unaccounted for) in States/ UTs
(Source: DMLF Division, Central Electricity Authority)

Region/State/ UT	2001-02	2002-03	2003-04
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Northern Region:

Haryana	39.22	37.65	32.07
Himachal Pradesh	25.55	21.16	22.76
Jammu & Kashmir	48.85	45.55	45.54
Punjab	27.70	24.42	25.96
Rajasthan	43.06	42.61	43.74
Uttar Pradesh	37.62	34.16	35.17
Uttaranchal	32.39	25.17	49.23
Chandigarh	24.97	24.06	39.06
Delhi	43.97	45.82	43.66

BBMB	4.81	5.20	1.22
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Western Region:

Gujarat	26.87	28.52	24.20
Madhya Pradesh	44.55	43.31	41.44
Chhattisgarh	33.75	37.86	42.55
Maharashtra	37.28	34.01	34.12
D&N Haveli	27.22	40.26	15.10
Goa	25.18	40.26	45.05
Daman & Diu	7.52	14.95	16.88

Southern Region:

Andhra Pradesh	26.81	30.11	27.73
Karnataka	33.83	24.57	23.29
Kerala	32.21	27.45	21.63
Tamil Nadu	16.06	17.31	17.16
Lakshadweep	10.94	11.29	11.85
Pondicherry	12.00	21.10	11.60

Eastern Region:

Bihar	51.70	37.98	36.66
Jharkhand	26.39	21.19	25.35
Orissa	47.34	45.36	57.09
Sikkim	31.73	54.85	54.99
West Bengal	31.67	25.93	31.01
A&N Island	29.20	19.78	25.95
DVC	3.63	3.34	2.69

North Eastern Region:

Assam	42.78	38.30	39.31
Manipur	62.35	63.66	65.18
Meghalaya	22.66	21.92	16.73
Nagaland	52.32	56.71	55.00
Tripura	40.38	40.64	46.44
Arunachal Pradesh	53.58	38.95	47.54
Mizoram	49.77	46.91	55.54
All India	33.98	32.54	32.53