## GOVERNMENT OF INDIA MINISTRY OF POWER

# LOK SABHA UNSTARRED QUESTION NO.3398 TO BE ANSWERED ON 15.03.2018

#### **T&D LOSSES OF POWER**

#### 3398. SHRI B. VINOD KUMAR:

Will the Minister of POWER be pleased to state:

- (a) whether the Government has any data on the transmission and distribution losses at the national level, if so, the details thereof;
- (b) whether the Government is taking any steps to fight power theft and other factors which lead to losses; and
- (c) if so, the details thereof?

#### ANSWER

# THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER AND NEW & RENEWABLE ENERGY

(SHRI R. K. SINGH)

(a) to (c): The details State-wise Transmission and Distribution (T&D) losses data are furnished at Annexure. The Government of India monitors Aggregate Technical & Commercial (AT&C) losses of State Power Distribution Utilities which include the losses on account of theft also. There are enabling punitive provisions against power theft in the Electricity Act, 2003. Ministry of Power has made several interventions such as IT enablement of distribution infrastructure, feeder metering, feeder segregation and monitoring of AT&C loss trajectories through various schemes such as Integrated Power Development Scheme (IPDS), Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Ujwal DISCOM Assurance Yojana (UDAY) to enable States to improve their systems so that energy loss including those due to theft are reduced.

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ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 3398 TO BE ANSWERED IN THE LOK SABHA ON 15.03.2018.

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### STATE-WISE TRANSMISSION & DISTRIBUTION LOSSES FOR THE YEAR 2015-16

Bihar       42.82         Jharkhand       16.99         Odisha       39.10         Sikkim       26.52         West Bengal       22.16         Arunachal Pradesh       50.60         Assam       25.20         Manipur       44.45         Meghalaya       32.32         Mizoram       36.11         Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	State/UT	T&D Loss, %
Odisha       39.10         Sikkim       26.52         West Bengal       22.16         Arunachal Pradesh       50.60         Assam       25.20         Manipur       44.45         Meghalaya       32.32         Mizoram       36.11         Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Bihar	42.82
Sikkim       26.52         West Bengal       22.16         Arunachal Pradesh       50.60         Assam       25.20         Manipur       44.45         Meghalaya       32.32         Mizoram       36.11         Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Maharashtra       19.89	Jharkhand	16.99
West Bengal       22.16         Arunachal Pradesh       50.60         Assam       25.20         Manipur       44.45         Meghalaya       32.32         Mizoram       36.11         Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Odisha	39.10
Arunachal Pradesh 50.60  Assam 25.20  Manipur 44.45  Meghalaya 32.32  Mizoram 36.11  Nagaland 29.89  Tripura 30.56  Delhi 19.58  Haryana 31.61  Himachal Pradesh 18.75  Jammu & Kashmir 50.06  Punjab 18.55  Rajasthan 29.13  Uttar Pradesh 24.51  Uttarakhand 25.60  Andhra Pradesh 16.16  Karnataka 10.51  Kerala 11.58  Puducherry 14.01  Tamil Nadu 10.85  Telangana 16.48  Chhattisgarh 30.78  Goa 18.04  Gujarat 19.10  Madhya Pradesh 28.61  Maharashtra 19.89	Sikkim	26.52
Assam       25.20         Manipur       44.45         Meghalaya       32.32         Mizoram       36.11         Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	West Bengal	22.16
Manipur       44.45         Meghalaya       32.32         Mizoram       36.11         Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Arunachal Pradesh	50.60
Meghalaya       32.32         Mizoram       36.11         Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Assam	25.20
Mizoram       36.11         Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Manipur	44.45
Nagaland       29.89         Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Meghalaya	32.32
Tripura       30.56         Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Mizoram	36.11
Delhi       19.58         Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Nagaland	29.89
Haryana       31.61         Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Tripura	30.56
Himachal Pradesh       18.75         Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Delhi	19.58
Jammu & Kashmir       50.06         Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Haryana	31.61
Punjab       18.55         Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Himachal Pradesh	18.75
Rajasthan       29.13         Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Jammu & Kashmir	50.06
Uttar Pradesh       24.51         Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Punjab	18.55
Uttarakhand       25.60         Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Rajasthan	29.13
Andhra Pradesh       16.16         Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Uttar Pradesh	24.51
Karnataka       10.51         Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Uttarakhand	25.60
Kerala       11.58         Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Andhra Pradesh	16.16
Puducherry       14.01         Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Karnataka	10.51
Tamil Nadu       10.85         Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Kerala	11.58
Telangana       16.48         Chhattisgarh       30.78         Goa       18.04         Gujarat       19.10         Madhya Pradesh       28.61         Maharashtra       19.89	Puducherry	14.01
Chhattisgarh30.78Goa18.04Gujarat19.10Madhya Pradesh28.61Maharashtra19.89	Tamil Nadu	10.85
Goa 18.04 Gujarat 19.10 Madhya Pradesh 28.61 Maharashtra 19.89	Telangana	16.48
Gujarat19.10Madhya Pradesh28.61Maharashtra19.89	Chhattisgarh	30.78
Madhya Pradesh 28.61 Maharashtra 19.89	Goa	18.04
Maharashtra 19.89	Gujarat	19.10
	Madhya Pradesh	28.61
All India/Total 21.81	Maharashtra	19.89
	All India/Total	21.81

Source: CEA

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