

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.884
ANSWERED ON 21.07.2022**

POWER THEFT

884. SHRI DUSHYANT SINGH:

**Will the Minister of POWER
be pleased to state:**

- (a) whether the Government has taken cognizance of power or electricity theft in various States across the country along with the effects of power theft on distribution companies and if so, the details thereof;**
- (b) the details of the illegal methods involved in power theft by consumers, State-wise;**
- (c) whether the Government has booked any cases on those who are involved in the power theft and if so, the number of cases registered, pending and those convicted during the last three years and the current year and if not, the reasons therefor, State-wise;**
- (d) the details of the power theft by commercial and domestic consumers separately during the said period, State-wise; and**
- (e) the details of the number of watts of power theft and losses incurred by the distribution companies annually because of power theft during the said period, State-wise?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : The Government of India has taken cognizance of power or electricity theft in various States and the Union Territories (UTs), which has affected the financial health of the distribution companies with consequential effects like poor quality of power supply to the consumers such as frequent load shedding, unscheduled outages, voltage fluctuations, etc. The measures taken by the Government of India are as follows:

- (i) There are specific provisions in the Electricity Act 2003 (Section 126 and Sections 135 to 140) relating to theft and unauthorized use of electricity including stiff penal provisions and speedy trial for such offences by Special Courts (Part XV of the Electricity Act 2003);**
- (ii) Ministry of Power launched a Reforms-based and Results - linked, Revamped Distribution Sector Scheme (RDSS) to improve the operational efficiencies and financial sustainability of all DISCOMs/ Power Departments. The Scheme aims to reduce the Aggregate Technical and Commercial (AT&C) losses, which includes impact of power theft also, on pan- India basis in the range of 12-15% by 2024-25. The scheme includes the provisions for funding for up-gradation of distribution infrastructure including IT interventions, installation of pre-paid smart meters in the country which would facilitate in the reduction of AT&C losses.**

(b) & (c) : The illegal methods adopted by consumers for power theft in various States and UTs include direct tapping of distribution lines, bypassing and tampering of energy meters, etc. The State-wise details of the number of cases registered, pending and those convicted during recent years, as informed by Central Electricity Authority (CEA), are enclosed at Annexure-I.

(d) & (e) : The commercial losses due to power theft, billing efficiency, collection efficiency are part of the AT&C losses. Power Finance Corporation (PFC) has published a report titled “Performance of State Power Utilities”, in the year 2021, wherein the details of Billing Efficiency, Collection Efficiency and AT&C loss % are given below:

Parameter	FY 2017-18	FY 2018-19	FY 2019-20
Billing efficiency (%)	83.07	83.91	85.36
Collection Efficiency (%)	94.50	93.26	92.64
AT&C loss %	21.50	21.74	20.93

The State-wise and Utility wise details of Billing Efficiency, Collection Efficiency and AT&C Losses are enclosed at Annexure-II.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 884 ANSWERED IN THE LOK SABHA ON 21.07.2022

State /UT	Year	Total Number of cases where theft of electricity was detected (Nos.)	Total Number of cases settled	Total Number of cases still pending	
Andhra Pradesh					
Andhra Pradesh Eastern Power Distribution Company Limited	2018-2019	6784	7086	1	
	2019-2020	7267	7383	18	
	2020-21 (up to Jan 2021)	2832	3798	412	
Andhra Pradesh Southern Power Distribution Company Limited					
2018-2019	2018-2019	40930	40862	68	
	2019-2020	28225	28118	107	
	2020-21 (up to Jan 2021)	7673	6237	1436	
Andhra Pradesh Central Power Distribution Corporation Ltd.					
2018-2019	2018-2019	13373	13368	5	
	2019-2020	9980	9969	10	
	2020-2021 (up to 16th March 2021)	4353	3989	364	
Assam					
APDCL, Assam	March 2020 to Jan 2021	716	0	4083	
Bihar					
Electricity Supply Sub-Division, Supaul	2020-21 (up to Jan 2021)	92	39	53	
	2018-2019	2698	-	-	
		2019-2020	5104	-	-
2020-21 (up to January 2021)	2020-21 (up to January 2021)	2236	-	-	
	Chhattisgarh				
	Chhattisgarh State Power Distribution Company Limited	2018-2019	3110	1392	1081
2019-2020		3990	1068	2297	
2020-2021 (up to January 2021)		4321	817	2795	
Gujarat					
Energy and Petrochemical Department, New Sachivalaya, Gandhinagar	2018-2019	70700	27405	43295	
	2019-2020	66118	24979	41139	
	2020-2021	37604	18793	18811	

Haryana				
Uttar Haryana Bijli Vitran Nigam	2018-2019	22417	14507	5427
	2019-2020	19025	13943	3405
	2020-2021 (up to Jan. 2021)	22507	15029	6887
Jharkhand				
Jharkhand Bijli Vitran Nigam Limited	2018-2019	6318	5740	578
	2019-2020	7683	6437	1246
	2020-2021 (Up to January 2021)	9723	8035	1688
Electrical Supply Division, Dhanbad	2020-21 (up to Jan 2021)	135	127	8
Electrical Supply Division, Govindpur	2020-21 (up to Jan 2021)	84	82	2
Electrical Executive Engineer, Jharia Division	2020-21 (up to Jan 2021)	226	184	42
	Total	17851	14865	2986
Karnataka				
BESCOM	2018-2019	2917	2222	695
	2019-2020	2748	2368	1075
	2020-2021 (up to January 2021)	1975	1973	1077
CESC	2005-06 to Jan-2021	12011	11970	41
MESCOM	2002-03 to Jan-2021	6419	6411	8
HESCOM	2002-03 to Jan-2021	51101	50919	182
GESCOM	2018-2019	5648	4459	1189
	2019-2020	5173	3833	1340
	2020-2021	2355	1896	459
Kerala				
Cochin Port Trust	2020-21 (up to Jan 2021)	2	2	0
Madhya Pradesh				
Madhya Pradesh Power Management Company Limited	2018-2019	75192	50801	24391
	2019-2020	86028	49426	36602
	2020-21 (up to Jan 2021)	116729	48464	68265
Manipur				
	2018-2019	682	657	25
	2019-2020	461	297	164
	2020-21 (up to January 2021)	604	484	120
Mizoram				
	2020-21 (up to Jan 2021)	485	485	NIL
Maharashtra				
BEST Undertaking, Mumbai	2018-2019	1594	791	803
	2019-2020	1230	427	803
	2020-21 (up to Jan 2021)	470	14	456
Odisha				
NESCO Utility	2020-21 (up to Jan 2021)	780	566	214
TPCODL	2020-21 (up to Jan 2021)	1133	395	738
TPWODL	January 2020 to January 2021	9010	5892	3118

TPSODL	2020-21 (up to Jan 2021)	2193	1419	774
	Total	15748	10904	4844
Punjab				
	2018-19	30564	12796	17768
	2019-20	39678	17382	22296
	2020-2021	148304	-	-
Rajasthan				
Jaipur DISCOM	2020-21 (up to January 2021)	82611	55755	26856
Ajmer DISCOM	2020-21 (up to January 2021)	74518	46628	27890
Jodhpur DISCOM	2020-21 (up to January 2021)	31462	11871	19591
Tamil Nadu				
Tamil Nadu Generation & Distribution Corporation Limited	2018-2019	17073	17067	6
	2019-2020	16216	16212	4
	2020-21 (up to Jan 2021)	5241	5234	7
Telangana				
TSSPDCL	2018-2019	42289	42736	63
	2019-2020	52656	52388	241
	1st April 2020 to 31st Jan 2021	21744	17541	1502
Uttar Pradesh				
Uttar Pradesh Power Corporation Limited	2020-21 (up to Jan 2021)	104297	11985	92312
Kanpur Electricity Supply Corporation	2020-21 (up to Jan 2021)	920	397	523
West Bengal				
West Bengal State Electricity Distribution Company Limited	2018-2019	10083	8488	2670
	2019-2020	8007	5329	1914

Uts

Andaman & Nicobar Islands	2020-21 (up to Jan 2021)	0	0	0
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Dadra & Nagar Haveli

DNH Power Distribution Corporation Limited	01.04.2019 to 31.01.2021	167	72	95
Delhi				
Tata Power-DDL	2018-2019	0	0	0
	2019-2020	4	4	0
	2020-2021 (up to January 2021)	6	6	0
BSES Rajdhani Power Limited (BRPL)	2020-21 (up to Jan 2021)	10345	1058	9287
BSES Yamuna Power Limited (BYPL)	2018-19	20150	6537	13613
	2019-20	12495	3239	9256
	2020-21 (up to Jan 2021)	3742	566	3176
Jammu & Kashmir				
	April 2020 to Jan 2021	25320	2	5

**ANNEXURE REFERRED TO IN REPLY TO PARTS (d) & (e) OF UNSTARRED QUESTION
NO. 884 ANSWERED IN THE LOK SABHA ON 21.07.2022**

AT&C Losses

	2017-18			2018-19			2019-20		
	Billing Efficiency (%)	Collection Efficiency (%)	AT&C Loss (%)	Billing Efficiency (%)	Collection Efficiency (%)	AT&C Loss (%)	Billing Efficiency (%)	Collection Efficiency (%)	AT&C Loss (%)
State Sector	82.64	94.21	22.15	83.41	92.83	22.57	84.89	92.21	21.73
Andaman & Nicobar Islands	80.86	99.76	19.34	76.80	99.76	23.39	77.40	99.87	22.71
Andaman & Nicobar PD	80.86	99.76	19.34	76.80	99.76	23.39	77.40	99.87	22.71
Andhra Pradesh	92.86	92.33	14.26	92.30	80.53	25.67	92.38	96.58	10.77
APEPDCL	94.88	93.62	11.18	93.32	87.37	18.47	93.36	100.00	6.64
APSPDCL	91.69	91.57	16.04	91.74	76.67	29.66	91.81	94.57	13.17
Arunachal Pradesh	48.94	85.07	58.36	44.50	100.00	55.50	54.29	100.00	45.71
Arunachal PD	48.94	85.07	58.36	44.50	100.00	55.50	54.29	100.00	45.71
Assam	82.36	100.00	17.64	80.30	99.46	20.14	80.94	94.67	23.37
APDCL	82.36	100.00	17.64	80.30	99.46	20.14	80.94	94.67	23.37
Bihar	69.35	95.88	33.51	69.84	95.49	33.30	74.81	79.69	40.38
NBPDCL	76.73	90.63	30.46	73.03	100.00	26.97	78.38	89.95	29.50
SBPDCL	64.47	100.00	35.53	67.58	92.03	37.81	72.11	71.22	48.64
Chandigarh	96.00	100.00	4.00	95.79	100.00	4.21	95.40	100.00	4.60
Chandigarh PD	96.00	100.00	4.00	95.79	100.00	4.21	95.40	100.00	4.60
Chhattisgarh	82.12	94.37	22.50	81.86	85.75	29.81	82.32	92.71	23.68
CSPDCL	82.12	94.37	22.50	81.86	85.75	29.81	82.32	92.71	23.68
Dadra & Nagar Haveli	95.52	97.83	6.55	96.07	98.42	5.45	96.44	100.00	3.56
DNHPDCL	95.52	97.83	6.55	96.07	98.42	5.45	96.44	100.00	3.56
Daman & Diu	92.65	89.57	17.01	93.81	100.00	6.19	95.93	100.00	4.07
Daman & Diu PD	92.65	89.57	17.01	93.81	100.00	6.19	95.93	100.00	4.07
Goa	89.10	97.06	13.52	88.74	95.00	15.69	88.00	97.74	13.99
Goa PD	89.10	97.06	13.52	88.74	95.00	15.69	88.00	97.74	13.99
Gujarat	87.81	99.12	12.96	86.56	99.37	13.99	89.60	98.27	11.95
DGVCL	93.72	99.66	6.60	94.10	100.00	5.90	96.96	96.72	6.22
MGVCL	89.37	98.77	11.73	90.59	99.56	9.81	90.85	97.62	11.31
PGVCL	81.12	99.05	19.64	79.50	99.11	21.21	82.15	98.34	19.22
UGVCL	91.69	98.89	9.32	88.80	99.08	12.01	93.27	99.84	6.88
Haryana	78.46	99.69	21.78	81.92	100.00	18.08	83.67	97.77	18.19
DHBVNL	80.84	100.00	19.16	84.66	100.00	15.34	85.63	97.66	16.37
UHBVNL	75.19	99.24	25.38	77.96	100.00	22.04	80.99	97.94	20.68
Himachal Pradesh	88.92	100.00	11.08	87.54	100.00	12.46	88.32	100.00	11.68
HPSEBL	88.92	100.00	11.08	87.54	100.00	12.46	88.32	100.00	11.68
Jammu & Kashmir	52.50	88.25	53.67	61.00	82.06	49.94	49.89	79.25	60.46
JKPDD	52.50	88.25	53.67	61.00	82.06	49.94	49.89	79.25	60.46
Jharkhand	80.52	83.86	32.48	77.11	92.59	28.60	77.54	81.30	36.96
JBVNL	80.52	83.86	32.48	77.11	92.59	28.60	77.54	81.30	36.96
Karnataka	86.27	97.82	15.61	87.13	92.00	19.83	87.96	93.69	17.59
BESCOM	86.83	100.00	13.17	87.73	95.99	15.79	88.01	93.27	17.91
CHESCOM	86.80	100.00	13.20	87.96	90.91	20.03	88.88	88.08	21.72
GESCOM	83.61	100.00	16.39	85.59	84.85	27.38	88.78	92.51	17.87
HESCOM	85.24	90.53	22.84	85.38	87.98	24.88	85.90	98.59	15.31
MESCOM	88.68	96.71	14.23	89.48	91.51	18.12	89.93	94.16	15.33
Kerala	89.98	96.90	12.81	90.90	100.00	9.10	89.84	95.20	14.47
KSEBL	89.98	96.90	12.81	90.90	100.00	9.10	89.84	95.20	14.47
Lakshadweep	94.80	85.29	19.15	91.13	84.13	23.33	85.87	99.83	14.28
Lakshadweep ED	94.80	85.29	19.15	91.13	84.13	23.33	85.87	99.83	14.28
Madhya Pradesh	76.37	90.99	30.51	72.42	87.49	36.64	79.82	87.22	30.38
MPPaKVVCL	72.09	84.62	39.00	63.28	86.84	45.05	72.40	86.78	37.17
MPPoKVVCL	83.41	97.48	18.69	83.83	89.13	25.28	88.90	88.95	20.93
MPPoKVVCL	72.94	89.33	34.84	69.43	85.86	40.38	77.48	85.33	33.89
Maharashtra	85.62	100.00	14.38	86.16	97.23	16.23	86.91	92.15	19.92
MSEDCL	85.62	100.00	14.38	86.16	97.23	16.23	86.91	92.15	19.92
Manipur	76.61	94.63	27.50	74.14	83.40	38.17	86.88	91.77	20.27
MSPDCL	76.61	94.63	27.50	74.14	83.40	38.17	86.88	91.77	20.27

	2017-18			2018-19			2019-20		
	Billing Efficiency (%)	Collection Efficiency (%)	AT&C Loss (%)	Billing Efficiency (%)	Collection Efficiency (%)	AT&C Loss (%)	Billing Efficiency (%)	Collection Efficiency (%)	AT&C Loss (%)
Meghalaya	64.71	90.88	41.19	64.78	100.00	35.22	70.12	93.68	34.32
MePDCL	64.71	90.88	41.19	64.78	100.00	35.22	70.12	93.68	34.32
Mizoram	83.84	92.51	22.44	83.80	100.00	16.20	79.34	100.00	20.66
Mizoram PD	83.84	92.51	22.44	83.80	100.00	16.20	79.34	100.00	20.66
Nagaland	74.98	78.21	41.36	75.00	79.92	40.06	47.07	100.00	52.93
Nagaland PD	74.98	78.21	41.36	75.00	79.92	40.06	47.07	100.00	52.93
Odisha	71.97	92.27	33.59	75.70	90.42	31.55	79.35	89.55	28.94
CESU	68.28	94.48	35.49	71.85	93.96	32.49	76.85	92.35	29.03
NESCO Utility	77.72	97.26	24.41	81.26	92.78	24.61	82.88	91.16	24.45
SOUTHCO Utility	67.30	88.18	40.66	70.24	83.52	41.33	75.53	84.67	36.05
WESCO Utility	74.20	87.73	34.90	78.68	87.85	30.88	81.27	87.59	28.81
Puducherry	86.28	93.66	19.19	86.73	92.50	19.77	87.25	93.47	18.45
Puducherry PD	86.28	93.66	19.19	86.73	92.50	19.77	87.25	93.47	18.45
Punjab	88.94	92.97	17.31	88.72	100.00	11.28	87.98	97.35	14.35
PSPCL	88.94	92.97	17.31	88.72	100.00	11.28	87.98	97.35	14.35
Rajasthan	79.75	95.20	24.07	79.28	90.50	28.25	82.77	84.74	29.85
AVVNL	79.85	96.25	23.14	81.97	93.48	23.37	85.52	91.11	22.08
JdVVNL	80.67	94.84	23.49	76.88	84.29	35.20	80.62	76.59	38.26
JVVNL	78.94	94.78	25.19	79.46	93.46	25.73	82.79	87.18	27.83
Sikkim	67.52	100.00	32.48	70.20	82.86	41.83	71.28	99.77	28.88
Sikkim PD	67.52	100.00	32.48	70.20	82.86	41.83	71.28	99.77	28.88
Tamil Nadu	83.13	96.87	19.47	83.47	98.41	17.86	85.94	98.91	15.00
TANGEDCO	83.13	96.87	19.47	83.47	98.41	17.86	85.94	98.91	15.00
Telangana	88.75	91.18	19.08	93.92	87.52	17.80	92.05	85.24	21.54
TSNPDCL	88.99	85.78	23.67	90.10	81.40	26.66	90.96	72.48	34.08
TSSPDCL	88.64	93.45	17.16	95.66	90.13	13.79	92.57	91.21	15.57
Tripura	77.75	89.63	30.31	68.32	94.42	35.49	69.96	88.84	37.85
TSECL	77.75	89.63	30.31	68.32	94.42	35.49	69.96	88.84	37.85
Uttar Pradesh	78.69	79.05	37.80	81.32	82.16	33.19	81.52	85.81	30.05
DVVNL	74.91	81.57	38.89	79.04	79.55	37.12	78.73	76.53	39.74
KESCO	87.00	89.05	22.52	91.49	91.27	16.49	92.24	91.63	15.49
MVVNL	77.77	70.35	45.29	78.41	75.73	40.62	80.63	81.68	34.14
PaVVNL	82.57	89.65	25.97	85.17	91.26	22.27	84.41	96.39	18.64
PuVVNL	76.84	67.81	47.89	79.51	75.91	39.64	79.68	82.52	34.24
Uttarakhand	84.83	98.63	16.34	86.18	96.35	16.96	86.60	91.97	20.35
UPCL	84.83	98.63	16.34	86.18	96.35	16.96	86.60	91.97	20.35
West Bengal	73.31	100.00	26.69	77.00	100.00	23.00	81.43	97.75	20.40
WBSEDCL	73.31	100.00	26.69	77.00	100.00	23.00	81.43	97.75	20.40
Private Sector	91.18	99.41	9.36	92.11	99.58	8.28	92.93	99.00	8.00
Delhi	90.21	99.85	9.93	91.38	99.40	9.17	92.86	98.86	8.19
BRPL	89.61	99.85	10.53	91.27	99.58	9.11	92.72	99.06	8.15
BYPL	89.22	99.94	10.83	90.67	98.60	10.60	92.70	98.62	8.57
TPDDL	91.80	99.78	8.39	92.07	99.74	8.17	93.17	98.76	7.98
Gujarat	94.51	98.89	6.53	95.02	99.77	5.20	95.47	99.94	4.59
Torrent Power Ahmedabad	93.69	98.79	7.44	94.39	99.80	5.81	95.02	99.91	5.07
Torrent Power Surat	96.42	99.12	4.43	96.57	99.71	3.71	96.57	100.00	3.43
Maharashtra				92.16	99.61	8.20	92.63	97.69	9.52
AEML				92.16	99.61	8.20	92.63	97.69	9.52
Uttar Pradesh	92.01	98.82	9.08	91.85	98.68	9.36	91.74	98.37	9.76
NPCL	92.01	98.82	9.08	91.85	98.68	9.36	91.74	98.37	9.76
West Bengal	90.26	98.89	10.74	91.05	100.00	8.95	91.13	99.79	9.06
CESC	89.82	98.81	11.25	90.58	100.00	9.42	90.70	100.00	9.30
IPCL	96.80	100.00	3.20	97.32	100.00	2.68	96.54	97.31	6.06
Grand Total	83.07	94.50	21.50	83.91	93.26	21.74	85.36	92.64	20.93
