

AGGREGATE TECHNICAL & COMMERCIAL (AT&C) LOSS DATA - DISTRIBUTION UTILITIES

Region	S.No.	State	Utility	S. No. Utilities	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
Eastern	1	Bihar	Bihar State Electricity Board	1	50.33%	48.17%	55.49%	41.99%	47.71%	DNF
	2	Jharkhand	Jharkhand State Electricity Board	2	64.12%	64.84%	63.85%	58.44%	34.38%	53.19%
			JAMSHEDPUR UTILITIES & SERVICES CO. LTD.	3	DNF	DNF	DNF	DNF	0.45%	3.23%
			DAMDAR VALLEY CORPORATION	4	10.94%	7.41%	7.47%	12.56%	13.45%	9.11%
	3	Orissa	Central Electricity Supply Utility (CESU)	5	50.57%	51.12%	49.18%	47.58%	45.93%	45.23%
			Northern Electricity Supply Company (NESCO)	6	51.85%	42.09%	43.24%	40.74%	35.88%	38.60%
			Southern Electricity Supply Company (SOUTHCO)	7	49.27%	40.22%	43.86%	46.61%	48.73%	50.97%
			Western Electricity Supply Company (WESCO)	8	46.36%	41.66%	41.75%	39.99%	40.65%	36.51%
	4	Sikkim	Sikkim PD	9	DNF					
	5	West Bengal	West Bengal State Electricity Distribution Co. Ltd.	10	41.64%	37.36%	36.20%	30.75%	24.07%	26.38%
			CESC Limited	11	17.89%	16.81%	15.80%	15.06%	14.16%	13.51%
			DPSC Ltd.	12	6.89%	6.10%	5.21%	5.00%	4.87%	4.47%
			Durgapur Projects Ltd.	13	10.74%	10.26%	9.95%	9.77%	9.90%	9.50%
North Eastern	6	Arunachal Pradesh	Arunachal PD	14	DNF					
	7	Assam	CAEDCL	15	DNF					
			LAEDCL	16	DNF					
			UAEDCL	17	DNF					
	8	Manipur	Manipur PD	18	75.00%	54.79%	58.53%	68.19%	63.06%	82.92%
	9	Meghalaya	MeSEB	19	DNF	33.89%	44.69%	32.94%	31.62%	31.63%
	10	Mizoram	Mizoram PD	20	60.39%	49.09%	44.27%	58.27%	43.10%	58.84%
	11	Nagaland	Nagaland PD	21	DNF					
12	Tripura	Tripura PD	22	NA	NA	40.38%	36.69%	36.08%	34.94%	
Northern	13	Delhi	North Delhi Power Limited	23	44.86%	33.81%	26.52%	23.74%	21.63%	18.96%
			BSES Rajdhani Power Limited	24	45.05%	40.64%	35.53%	29.91%	27.18%	20.94%
			BSES Yamuna Power Limited	25	54.29%	50.13%	43.87%	39.03%	29.82%	24.39%
			NDMC	26	DNF					
	14	Haryana	DAKSHIN HARYANA BIJLI VITRAN NIGAM	27	36.99%	36.86%	34.24%	32.38%	25.94%	26.72%
			UTTAR HARYANA BIJLI VITRAN NIGAM	28	40.49%	42.80%	42.35%	35.53%	33.68%	DNF
	15	Himachal Pradesh	Himachal Pradesh State Electricity Board	29	38.64%	35.89%	29.99%	26.16%	25.85%	23.13%
	16	Jammu & Kashmir	J&K PDD	30	70.79%	66.78%	66.64%	67.56%	73.43%	72.93%
	17	Punjab	Punjab State Electricity Board	31	DNF	DNF	24.67%	24.08%	22.69%	19.90%
	18	Rajasthan	Ajmer Vidut Vitran Nigam Ltd.	32	45.40%	43.71%	44.44%	36.86%	35.22%	29.55%
			Jodhpur Vidut Vitran Nigam Ltd.	33	44.79%	47.27%	46.17%	36.05%	35.39%	29.54%
			Jaipur Vidut Vitran Nigam Ltd.	34	35.08%	37.89%	37.78%	34.00%	30.85%	27.61%
	19	Uttar Pradesh	DVVN	35	53.73%	52.76%	51.03%	44.35%	45.51%	34.92%
			MVVN	36	NA	41.76%	41.52%	37.81%	36.21%	31.63%
			Pashci.VVN	37	DNF					
			Poorv VVN	38	DNF					
			KESCO	39	NA	NA	NA	NA	NA	42.94%
		Noida Power Company Limited	40	11.97%	11.67%	10.33%	10.77%	9.26%	8.50%	
20	Uttarakhand	UTTARAKHAND POWER CORPORATION LIMITED	41	52.98%	37.31%	34.78%	38.20%	37.12%	33.26%	

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Southern	21	Andhra Pradesh	Central Power Distribution Company of A.P. Ltd.	42	29.31%	12.51%	20.12%	17.89%	17.90%	17.43%
			EASTERN POWER DISTRIBUTION COMPANY OF A.P. LTD.	43	14.73%	13.55%	13.95%	12.90%	9.01%	9.16%
			NORTHERN POWER DISTRIBUTION CO. LTD.	44	27.55%	22.66%	20.46%	19.18%	14.58%	15.45%
			SOUTHERN POWER DISTRIBUTION CO. LTD.	45	17.21%	20.39%	16.50%	17.07%	15.33%	14.44%
	22	Karnataka	Banglore Electricity Supply Company	46	27.00%	29.60%	34.26%	26.63%	26.12%	18.18%
			Chamundeshwari Electricity Supply Company	47	DNF	DNF	42.85%	35.97%	35.70%	26.08%
			Gulbarga Electricity Supply Company	48	37.52%	45.88%	53.28%	45.12%	40.68%	42.00%
			Hubli Electricity Supply Company Limited	49	28.45%	41.89%	39.68%	37.15%	37.75%	33.33%
			THE HUKERI RURAL ELECTRIC CO-OP SOCIETY LTD	50	49.65%	56.65%	40.59%	1.72%	48.95%	38.50%
			Mangalore Electricity Supply Company Ltd.	51	DNF					
	23	Kerala	Kerala State Electricity Board	52	28.46%	26.22%	24.59%	23.43%	21.63%	DNF
			Rubber Park Limited	53	56.45%	38.01%	6.38%	3.83%	1.87%	2.79%
			Technopark Limited	54	22.60%	20.20%	16.19%	14.45%	16.30%	13.83%
	24	Pondicherry	Pondicherry PD	55	DNF					
	25	Tamil Nadu	Tamil Nadu Electricity Board	56	20.71%	19.34%	20.37%	19.65%	18.92%	18.95%
Western	26	Chattisgarh	Chattisgarh State Electricity Board	57	36.67%	37.16%	35.36%	34.45%	31.89%	37.77%
			Goa PD	58	DNF					
	28	Gujarat	Dakshin Gujarat Vij Co. Ltd.	59	DNF	DNF	18.00%	16.44%	15.23%	DNF
			Madhya Gujarat Vij Co. Ltd.	60	21.02%	21.56%	17.21%	12.31%	12.95%	11.78%
			Paschim Gujarat Vij Co. Ltd.	61	DNF	45.47%	41.34%	33.77%	35.40%	30.07%
			Uttar Gujarat Vij Co. Ltd.	62	DNF	DNF	23.86%	17.38%	20.04%	11.46%
			Torrent Power Ltd. (Ahmedabad)	63	DNF	DNF	11.52%	10.04%	13.94%	14.30%
			Torrent Power Ltd. (Surat)	64	DNF	DNF	9.50%	8.12%	6.71%	9.76%
	29	Madhya Pradesh	MP Madhya Kshetra Vidyut Vitaran Company Ltd.	65	DNF	DNF	48.08%	48.80%	47.31%	39.71%
			MP Paschim Kshetra Vidyut Vitaran Company Ltd.	66	DNF	DNF	37.08%	34.59%	37.78%	35.34%
			M.P. Poorv Kshetra Vidyut Vitaran Company Ltd.	67	DNF	DNF	41.33%	42.82%	42.06%	40.88%
	30	Maharashtra	Maharashtra State Electricity Distribution Co. Ltd ...	68	DNF	DNF	DNF	33.98%	26.08%	24.14%
The Tata Power Compay Ltd.			69	DNF	DNF	DNF	DNF	5.66%	-0.32%	
BEST			70	12.92%	12.43%	14.80%	13.63%	10.93%	14.16%	
Reliance Infrastructure Limited			71	9.27%	11.32%	12.90%	10.97%	12.79%	15.58%	
The Mula - Pravara Electric Co.Op. Soc. Limited			72	53.53%	44.41%	45.09%	51.70%	39.37%	43.17%	

Note:

AT&C losses have been computed based on data of Utilities furnished by SERCs relating to (i) Total Energy available for sale (ii) Total Energy billed (iii) Amount billed, (iv) Amount realised and (v) Collection efficiency as per the prescribed format (copy enclosed).

DNF - Data not furnished

NA - Not Applicable

FORMAT FOR DATA REG. AT&C LOSS OF DISCOMS

Name of State:									
Name of DISCOM:									
S. No.	Particulars	Calculation	Unit	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09*
1	Generation (own as well as any other connected generation net after deducting auxiliary consumption) within area of supply of DISCOM.	A	MU						
2	Input energy (metered Import) received at interface points of DISCOM network	B	MU						
3	Input energy (metered Export) by the DISCOM at interface points of DISCOM network	C	MU						
4	Total Energy available for sale within the licensed area to the consumers of the DISCOM	D=A+B-C	MU						
5	Energy billed to metered consumers within the licensed area of the DISCOM	E	MU						
6	Energy billed to un-metered consumers within the licensed area of the DISCOM @	F	MU						
7	Total Energy Billed	G=E+F	MU						
8	Amount billed to consumer within the licensed area of the DISCOM	H	Rs Million						
9	Amount realized by the DISCOM out of the amount Billed at H#	I	Rs Million						
10	Collection Efficiency (%)	$J=(I/H) \times 100$	%						
11	Energy Realized by the DISCOM	K=JxG	MU						
12	Distribution Loss (%)	$L=\{(D-G)/D\} \times 100$	%						
13	AT&C Loss (%)	$M=\{(D-K)/D\} \times 100$	%						

Amount received in the current year for the amount billed in the previous years should not be excluded in this head. However, subsidy received against the current year's sale of electricity should be considered in this head.

.@ Norms for determining the energy billed to un-metered consumer may be specified. This should be only for two categories i.e. agricultural consumers and the households below poverty line. The norms could be on the

Note: Audited figures must be taken from the Commercial Department of the utility (Billing and Revenue Section) for computing the AT&C losses. However, 2008-09 provisional figures may be adopted subject to audited figures becoming available later in the year.