

CHAPTER - 5

**ELECTRIC POWER SUPPLY AND
SYSTEM LOSSES**

CHAPTER – 5

ELECTRIC POWER SUPPLY AND SYSTEM LOSSES

REVIEW:

During the year 2003-04 gross electricity generation was 565101.69 GWh, out of which 39800.81 GWh representing 7.04% of gross generation was consumed in power station auxiliaries. Thus net generation available at the bus-bar was 525300.88 GWh. Electricity purchased by public Utilities from captive plants was 7981.16 GWh and electricity imported from Nepal & Bhutan was 1748.40 GWh. Thus the total electricity available for supply during the year was 535030.44 GWh as compared to 502655.56 GWh during the year 2002-03.

Electricity sold to various classes of consumers during the year 2003-04 was 360937.24 GWh and electricity exported outside the country i.e. to Nepal and Bhutan was 58.38 GWh. The electricity lost in transformation, transmission and distribution system and electricity unaccounted worked out to 174034.82 GWh representing 32.53% of the total available electricity. Amongst all the regions percentage system losses were maximum in North-Eastern Region i.e. 38.64%. This was followed by Northern Region with 37.48%, Eastern Region with 33.12%, Western Region with 32.94% and Southern Region with 22.31% losses.

The various tables in this Section represent the Region-wise, State-wise and Board-wise, Transmission & Distribution losses, transfer of electricity between different systems and electricity consumed in power auxiliaries.

Table No. 5.1
ELECTRICAL ENERGY GENERATED, PURCHASED, SOLD AND
LOST (ALL INDIA UTILITIES) DURING 2003-04

Sl. No.	Item	Energy (GWh)	% age of Item 1
1.	Energy generated (gross) (Utilities)	565101.69	100.00
2.	Energy used in power station auxiliaries	39800.81	7.04
3.	Energy generated (Net) at bus-bar i.e. (1) -(2)	525300.88	92.96 %age of item 6
4.	Energy purchased from Non-Utilities	7981.16	1.49
5.	Energy imported from other countries (Nepal & Bhutan)	1748.40	0.33
6.	Energy available for supply i.e. (3)+(4)+(5)	535030.44	100.00
7.	Energy sold to ultimate consumers	360937.24	67.46
8.	Energy sold to other countries (Nepal & Bhutan)	58.38	0.01
9.	Total energy sold i.e. (7)+(8)	360995.62	67.47
10.	Energy lost in transformation, transmission and distribution and unaccounted for i.e. (6)-(9)	174034.82	32.53

Table No.5.2
ELECTRICAL ENERGY LOST IN TRANSMISSION AND DISTRIBUTION
SYSTEM REGIONWISE- DURING 2003-04

		<i>GWh</i>				
		<i>Northern Region</i>	<i>Western Region</i>	<i>Southern Region</i>	<i>Eastern Region</i>	<i>North Eastern Region</i>
I.	ENERGY GENERATED (NET)	157086.33	161528.38	129864.61	70252.62	6568.94
II.	ENERGY PURCHASED					
a)	From Non-Utilities	361.67	3196.81	3758.92	663.76	0.00
b)	From other Regions	1646.83	6981.86	5703.35	396.62	66.99
c)	From other countries	0.00	0.00	0.00	1748.40	0.00
	Sub-Total	2008.50	10178.67	9462.27	2808.78	66.99
III.	Total Energy available (I+II)	159094.83	171707.05	139326.88	73061.40	6635.93
IV.	ENERGY SALES					
a)	To Ultimate consumers	98045.12	114964.81	107455.88	36773.25	3698.18
b)	To other Regions	1365.37	175.02	791.01	12090.54	373.71
c)	To other Countries	58.38	0.00	0.00	0.00	0.00
	Sub-Total IV	99468.87	115139.83	108246.89	48863.79	4071.89
V.	ENERGY LOSS IN TRANSMISSION & DISTRIBUTION & UNACCOUNTED FOR	59625.96	56567.22	31079.99	24197.61	2564.04
VI.	PERCENTAGE ENERGY LOSS (V/III)	37.48	32.94	22.31	33.12	38.64

NOTE:- (1) Net generation of jointly owned projects have been shown divided between the partner States as per their theoretical shares.

(2) In the case of projects, jointly owned by States of different regions, excess/less drawal of energy than theoretical shares have been treated as inter-regional purchase/sales respectively..

(3) For details of All India Losses please see Table No.5.1

Table No.5.3
STATEWISE SYSTEM LOSSES DURING 2003-04

(GWh)

State/U.T.	Net Generation in own Power Houses (Other than jointly owned projects & Central Govt.Projects)	ENERGY RECEIVED FROM			Energy Avail- able in the State (2+3+4+5)
		Jointly owned & Central Govt. projects except BBMB & DVC	Self Generating including Industries	From other States including BBMB& DVC including from outside the country	
1	2	3	4	5	6
Haryana	6289.34	8546.20	27.99	4150.33	19013.86
Himachal Pradesh	2790.66	1714.37	0.00	1115.38	5620.41
Jammu & Kashmir	911.09	5639.18	0.00	416.34	6966.61
Punjab	17385.22	7394.72	122.04	5724.68	30626.66
Rajasthan	13666.98	10817.46	3.80	2669.02	27157.26
Uttar Pradesh	20837.02	20821.70	207.84	107.90	41974.46
Uttaranchal	4502.27	2277.46	0.00	107.90	6887.63
Chandigarh	0.00	780.31	0.00	587.16	1367.47
Delhi	4217.00	17268.78	0.00	2376.60	23862.38
B.B.M.B.	11410.13	0.00	0.00	0.00	11410.13
Gujarat	35366.26	11225.57	2217.38	1288.05	50097.26
Madhya Pradesh	12746.70	13032.97	0.00	1398.75	27178.42
Chhattisgarh	7166.39	3001.91	614.27	98.65	10881.22
Maharashtra	61703.62	16190.41	365.16	408.81	78668.00
Goa	198.22	2563.14	0.00	0.00	2761.36
D. & N.Haveli	0.00	1623.55	0.00	197.93	1821.48
Daman & Diu	0.00	1103.68	0.00	0.00	1103.68
Andhra Pradesh	30277.21	15428.75	1560.21	13.20	47279.37
Karnataka	21601.58	7739.52	830.00	0.00	30171.10
Kerala	5541.14	6080.65	0.00	13.21	11635.00
Tamil Nadu	28288.84	18045.68	1368.71	0.00	47703.23
Lakshadweep	21.51	0.00	0.00	0.00	21.51
Pondicherry	260.35	1469.35	0.00	300.33	2030.03
Bihar	385.45	5062.73	0.00	473.00	5921.18
Jharkhand	3944.49	638.28	0.00	6123.13	10705.90
Orissa	8607.33	6942.48	663.76	741.81	16955.38
West Bengal	21171.22	4232.91	0.00	3943.13	29347.26
D.V.C.	8735.27	607.09	0.00	690.15	10032.51
A. & N. Islands	152.88	0.00	0.00	0.00	152.88
Sikkim	35.92	335.98	0.00	33.00	404.90
Assam	827.00	2329.65	0.00	7.72	3164.37
Manipur	0.00	503.73	0.00	0.00	503.73
Meghalaya	594.70	371.70	0.00	0.00	966.40
Nagaland	23.55	279.21	0.00	0.00	302.76
Tripura	492.25	343.21	0.00	0.00	835.46
Arunachal Pradesh	29.00	209.26	0.00	0.00	238.26
Mizoram	10.33	248.63	0.00	33.20	292.16

BBMB - Bhakra Beas Management Board.

D.V.C.=Damodar Valley Corporation

Note: System loss means electrical energy loss during transformation, transmission and distribution of electrical energy within the system including component of electrical energy unaccounted for plus T&D losses corresponding to inter system transfer.

**Table No.5.3 (Contd.)
STATEWISE SYSTEM LOSSES DURING 2003-04**

(GWh)

State/U.Ts.	ENERGY SENT OUT TO/SOLD TO				
	Ultimate consumers within the State	Other States/ DVC including outside the country	Total (7+8)	Transformation Transmission & Distribution Losses & Energy unaccounted for Quantum (GWh) %age	
	7	8	9	(6-9)	to Column 6
Haryana	12915.72	0.00	12915.72	6098.14	32.07
Himachal Pradesh	2736.92	1604.15	4341.07	1279.34	22.76
Jammu & Kashmir	3534.20	259.86	3794.06	3172.55	45.54
Punjab	22125.30	549.72	22675.02	7951.64	25.96
Rajasthan	14691.24	587.24	15278.48	11878.78	43.74
Uttar Pradesh	26659.62	550.54	27210.16	14764.30	35.17
Uttaranchal	2662.45	834.50	3496.95	3390.68	49.23
Chandigarh	816.41	16.87	833.28	534.19	39.06
Delhi	11903.26	1541.81	13445.07	10417.31	43.66
B.B.M.B.	0.00	11271.10	11271.10	139.03	1.22
Northern Region				59625.96	37.48
Gujarat	37971.72	0.00	37971.72	12125.54	24.20
Madhya Pradesh	15907.83	7.17	15915.00	11263.42	41.44
Chhattisgarh	5420.83	830.70	6251.53	4629.69	42.55
Maharashtra	51823.90	0.76	51824.66	26843.34	34.12
Goa	1376.66	140.76	1517.42	1243.94	45.05
D. & N.Haveli	1546.52	0.00	1546.52	274.96	15.10
Daman & Diu	917.35	0.00	917.35	186.33	16.88
Western Region				56567.22	32.94
Andhra Pradesh	34165.97	4.04	34170.01	13109.36	27.73
Karnataka	23143.17	0.00	23143.17	7027.93	23.29
Kerala	9093.10	25.33	9118.43	2516.57	21.63
Tamil Nadu	39240.21	275.00	39515.21	8188.02	17.16
Lakshadweep	18.96	0.00	18.96	2.55	11.85
Pondicherry	1794.47	0.00	1794.47	235.56	11.60
Southern Region				31079.99	22.31
Bihar	3730.34	20.11	3750.45	2170.73	36.66
Jharkhand	7774.11	217.91	7992.02	2713.88	25.35
Orissa	7157.48	117.65	7275.13	9680.25	57.09
West Bengal	17815.87	2430.86	20246.73	9100.53	31.01
D.V.C.	0.00	9762.62	9762.62	269.89	2.69
A. & N. Islands	113.21	0.00	113.21	39.67	25.95
Sikkim	182.24	0.00	182.24	222.66	54.99
Eastern Region				24197.61	33.12
Assam	1920.38	0.00	1920.38	1243.99	39.31
Manipur	175.38	0.00	175.38	328.35	65.18
Meghalaya	797.02	7.72	804.74	161.66	16.73
Nagaland	136.24	0.00	136.24	166.52	55.00
Tripura	414.26	33.20	447.46	388.00	46.44
Arunachal Pradesh	125.00	0.00	125.00	113.26	47.54
Mizoram	129.90	0.00	129.90	162.26	55.54
North Eastern Region				2564.04	38.64
All India				174034.82	32.53

TABLE NO.5.4
SYSTEM LOSSES BY STATE ELECTRICITY BOARDS,
D.V.C. & B.B.M.B. DURING 2003-04

(GWH)

<i>Board/ Undertaking</i>	<i>Net Generation in own Power Houses(other than jointly owned and Central Govt. Projects)</i>	<i>ENERGY RECEIVED FROM</i>			<i>Energy available for supply (including sales out- side the States) (2+3+4+5)</i>
		<i>Utilities within State/jointly owned /Central Govt. Projects except DVC & BBMB</i>	<i>Energy received from self generating Industries</i>	<i>Other Board/ Electric Undertakings (including DVC & BBMB/ Other countries)</i>	
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
Himachal Pradesh	1351.98	3096.83	0.00	1115.38	5564.19
Punjab	17385.22	7394.72	122.04	5611.97	30513.95
B.B.M.B	11410.13	0.00	0.00	0.00	11410.13
Gujarat	20023.29	22488.63	2217.38	1288.05	46017.35
Madhya Pradesh	12746.70	13051.91	0.00	1398.75	27197.36
Chhattisgarh	7166.39	2933.34	614.27	98.65	10812.65
Maharashtra	46973.86	16699.13	365.16	408.81	64446.96
Kerala	4444.88	7191.35	0.00	13.21	11649.44
Tamil Nadu	22268.47	23237.69	1368.71	0.00	46874.87
Bihar	297.16	5151.03	0.00	2509.78	7957.97
Jharkhand	1123.63	1863.14	0.00	2509.78	5496.55
West Bengal	497.16	17557.86	0.00	1699.21	19754.23
D.V.C.	8735.27	607.09	0.00	690.15	10032.51
Assam	693.50	2463.15	0.00	7.72	3164.37
Meghalaya	594.70	371.70	0.00	0.00	966.40

B.B.M.B. -Bhakra Beas Management Board

D.V.C.- Damodar Valley Corporation.

**TABLE NO.5.4 (Contd.)
SYSTEM LOSSES BY STATE ELECTRICITY BOARDS,
D.V.C. & B.B.M.B. DURING 2003-04**

(GWh)

Board/ Undertaking	ENERGY SOLD TO					
	Ultimate consumers	Licensees within the State	Other Boards/ Undertakings D.V.C./other countries	Total sold (7+8+9)	Transformation, Trans- mission & Distribution losses and energy unaccounted for	
					(GWh) (6-10)	% of Col.6
	7	8	9	10	11	12
Himachal Pradesh	2736.92	0.00	1604.15	4341.07	1223.12	21.98
Punjab	22013.30	0.00	549.72	22563.02	7950.93	26.06
B.B.M.B	0.00	0.00	11271.10	11271.10	139.03	1.22
Gujarat	30077.00	3661.00	0.00	33738.00	12279.35	26.68
Madhya Pradesh	15553.69	439.75	7.17	16000.61	11196.75	41.17
Chhattisgarh	5420.83	0.00	830.70	6251.53	4561.12	42.18
Maharashtra	39685.25	609.02	0.76	40295.03	24151.93	37.48
Kerala	8993.36	199.00	25.33	9217.69	2431.75	20.87
Tamil Nadu	38275.00	0.00	275.00	38550.00	8324.87	17.76
Bihar	3730.34	0.00	20.11	3750.45	4207.52	52.87
Jharkhand	2765.43	0.00	217.91	2983.34	2513.21	45.72
West Bengal	8746.52	987.70	2890.83	12625.05	7129.18	36.09
D.V.C.	0.00	0.00	9762.62	9762.62	269.89	2.69
Assam	1920.38	0.00	0.00	1920.38	1243.99	39.31
Meghalaya	797.02	0.00	7.72	804.74	161.66	16.73

Table No.5.5
**AUXILIARY CONSUMPTION (UTILITIES ONLY)PRIMEMOVERWISE/
STATEWISE DURING 2003-04**

<i>Name of the State/U.Ts.</i>	<i>Total Gross Generation (GWh)</i>	<i>Net Generation (GWh)</i>	<i>Total Auxiliary Consumption (GWh)</i>	<i>% of Gross Generation</i>
Haryana	10865.37	10114.14	751.23	6.91
Himachal Pradesh	2810.95	2790.66	20.29	0.72
Jammu & Kashmir	920.00	911.09	8.91	0.97
Punjab	24047.89	22788.30	1259.59	5.24
Rajasthan	18614.08	17126.33	1487.75	7.99
Uttar Pradesh	22835.51	20837.02	1998.49	8.75
Uttaranchal	4514.77	4502.27	12.50	0.28
Chandigarh	0.00	0.00	0.00	0.00
Delhi	4906.69	4663.02	243.67	4.97
Central Sector	78147.73	73353.50	4794.23	6.13
Sub-Total(NR)	167662.99	157086.33	10576.66	6.31
Gujarat	38269.84	35366.26	2903.58	7.59
Madhya Pradesh	15802.08	14493.36	1308.72	8.28
Chhattisgarh	7916.43	7166.39	750.04	9.47
Maharashtra	66390.48	61857.99	4532.49	6.83
Goa	202.27	198.22	4.05	0.00
D. & N. Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Central Sector	45494.61	42446.16	3048.45	6.70
Sub-Total(WR)	174075.71	161528.38	12547.33	7.21
Andhra Pradesh	32913.93	30727.97	2185.96	6.64
Karnataka	22996.43	21622.71	1373.72	5.97
Kerala	5629.02	5541.14	87.88	1.56
Tamil Nadu	30353.93	28288.84	2065.09	6.80
Lakshadweep	21.87	21.51	0.36	1.65
Pondicherry	275.42	260.35	15.07	5.47
Central Sector	47260.52	43402.09	3858.43	8.16
Sub-Total(SR)	139451.12	129864.61	9586.51	6.87
Bihar	447.38	385.45	61.93	13.84
Jharkhand	4438.83	3944.49	494.34	11.14
Orissa	9119.33	8764.29	355.04	3.89
West Bengal	23508.42	21171.22	2337.20	9.94
D.V.C.	10014.79	8735.27	1279.52	12.78
A. & N. Islands	157.61	152.88	4.73	3.00
Sikkim	36.00	35.92	0.08	0.22
Central Sector	29527.42	27063.10	2464.32	8.35
Sub-Total(ER)	77249.78	70252.62	6997.16	9.06
Assam	848.27	827.00	21.27	2.51
Manipur	0.00	0.00	0.00	0.00
Meghalaya	597.03	594.70	2.33	0.39
Nagaland	23.55	23.55	0.00	0.00
Tripura	501.48	492.25	9.23	1.84
Arunachal Pradesh	29.00	29.00	0.00	0.00
Mizoram	10.56	10.33	0.23	2.18
Central Sector	4652.20	4592.11	60.09	1.29
Sub-Total(NER)	6662.09	6568.94	93.15	1.40
Total (All India)	565101.69	525300.88	39800.81	7.04

Note: Gross generation of a State includes generation from own power houses within the State under State & Private Sectors and theoretical shares from jointly owned power projects & BBMB.

Table No.5.5 (Contd.)
AUXILIARY CONSUMPTION (UTILITIES ONLY)PRIMEVERWISE/
STATEWISE DURING 2003-04

Name of the State/U.Ts.	Hydro Gross Generation (GWh)	Net Generation (GWh)	Auxiliary Consumption (GWh)	% of Gross Generation
Haryana	3864.42	3852.74	11.68	0.30
Himachal Pradesh	2810.95	2790.66	20.29	0.72
Jammu & Kashmir	891.00	882.09	8.91	1.00
Punjab	9812.35	9788.89	23.46	0.24
Rajasthan	2903.13	2893.56	9.57	0.33
Uttar Pradesh	2154.27	2150.09	4.18	0.19
Uttaranchal	4514.77	4502.27	12.50	0.28
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Central Sector	11327.66	11282.42	45.24	0.40
Sub-Total(NR)	38278.55	38142.72	135.83	0.35
Gujarat	859.34	852.57	6.77	0.79
Madhya Pradesh	2632.37	2626.64	5.73	0.22
Chhattisgarh	298.94	298.30	0.64	0.21
Maharashtra	5491.73	5448.91	42.82	0.78
Goa	0.00	0.00	0.00	0.00
D. & N. Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(WR)	9282.38	9226.42	55.96	0.60
Andhra Pradesh	3430.90	3408.28	22.62	0.66
Karnataka	7512.01	7409.25	102.76	1.37
Kerala	3932.66	3911.14	21.52	0.55
Tamil Nadu	2067.08	2050.81	16.27	0.79
Lakshadweep	0.00	0.00	0.00	0.00
Pondicherry	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(SR)	16942.65	16779.48	163.17	0.96
Bihar	95.00	93.10	1.90	2.00
Jharkhand	142.29	142.09	0.20	0.00
Orissa	6108.85	6083.26	25.59	0.42
West Bengal	499.94	496.58	3.36	0.67
D.V.C.	304.17	300.86	3.31	1.09
A. & N. Islands	7.16	6.81	0.35	0.00
Sikkim	36.00	35.92	0.08	0.22
Central Sector	344.26	343.58	0.68	0.20
Sub-Total(ER)	7537.67	7502.20	35.47	0.47
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	597.03	594.70	2.33	0.39
Nagaland	23.45	23.45	0.00	0.00
Tripura	64.74	64.25	0.49	0.76
Arunachal Pradesh	11.00	11.00	0.00	0.00
Mizoram	9.81	9.60	0.21	2.14
Central Sector	2495.20	2488.22	6.98	0.28
Sub-Total(NER)	3201.23	3191.22	10.01	0.31
Total (All India)	75242.48	74842.04	400.44	0.53

Table No.5.5(Contd.)
AUXILIARY CONSUMPTION (UTILITIES ONLY)PRIMEOVERWISE/
STATEWISE DURING 2003-04

Name of the State/U.Ts.	Steam Gross Generation (GWh)	Net Generation (GWh)	Auxiliary Consumption (GWh)	% of Gross Generation
Haryana	7000.95	6261.40	739.55	10.56
Himachal Pradesh	0.00	0.00	0.00	0.00
Jammu & Kashmir	0.00	0.00	0.00	0.00
Punjab	14235.54	12999.41	1236.13	8.68
Rajasthan	15457.42	13979.24	1478.18	9.56
Uttar Pradesh	20681.24	18686.93	1994.31	9.64
Uttaranchal	0.00	0.00	0.00	0.00
Chandigarh	0.00	0.00	0.00	0.00
Delhi	1286.69	1130.02	156.67	12.18
Central Sector	44569.93	40984.03	3585.90	8.05
Sub-Total(NR)	103231.77	94041.03	9190.74	8.90
Gujarat	28394.29	25661.45	2732.84	9.62
Madhya Pradesh	13168.47	11865.48	1302.99	9.89
Chhattisgarh	7617.49	6868.09	749.40	9.84
Maharashtra	54197.50	49833.08	4364.42	8.05
Goa	0.00	0.00	0.00	0.00
D. & N. Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Central Sector	32685.70	30400.70	2285.00	6.99
Sub-Total(WR)	136063.45	124628.80	11434.65	8.40
Andhra Pradesh	22455.29	20401.03	2054.26	9.15
Karnataka	13577.51	12370.54	1206.97	8.89
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	21959.26	20099.18	1860.08	8.47]
Lakshadweep	0.00	0.00	0.00	0.00
Pondicherry	0.00	0.00	0.00	0.00
Central Sector	40442.55	37233.09	3209.46	7.94
Sub-Total(SR)	98434.61	90103.84	8330.77	8.46
Bihar	352.38	292.35	60.03	17.04
Jharkhand	4296.54	3802.40	494.14	0.00
Orissa	3010.48	2681.03	329.45	10.94
West Bengal	23007.43	20673.59	2333.84	10.14
D.V.C.	9704.01	8428.74	1275.27	13.14
A. & N. Islands	0.00	0.00	0.00	0.00
Sikkim	0.00	0.00	0.00	0.00
Central Sector	29183.16	26719.52	2463.64	8.44
Sub-Total(ER)	69554.00	62597.63	6956.37	10.00
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.00	0.00	0.00	0.00
Arunachal Pradesh	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(NER)	0.00	0.00	0.00	0.00
Total (All India)	407283.83	371371.30	35912.53	8.82

Table No.5.5 (Contd.)
**AUXILIARY CONSUMPTION (UTILITIES ONLY)PRIMEMOVERWISE/
STATEWISE DURING 2003-04**

<i>Name of the State/U.Ts.</i>	<i>Diesel & Wind Gross Generation (GWh)</i>	<i>Net Generation (GWh)</i>	<i>Auxiliary Consumption (GWh)</i>	<i>% of Gross Generation</i>
Haryana	0.00	0.00	0.00	0.00
Himachal Pradesh	0.00	0.00	0.00	0.00
Jammu & Kashmir	0.00	0.00	0.00	0.00
Punjab	0.00	0.00	0.00	0.00
Rajasthan	15.00	15.00	0.00	0.00
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttaranchal	0.00	0.00	0.00	0.00
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(NR)	15.00	15.00	0.00	0.00
Gujarat	251.50	251.50	0.00	0.00
Madhya Pradesh	1.24	1.24	0.00	0.00
Chhattisgarh	0.00	0.00	0.00	0.00
Maharashtra	1269.02	1269.02	0.00	0.00
Goa	0.00	0.00	0.00	0.00
D. & N. Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(WR)	1521.76	1521.76	0.00	0.00
Andhra Pradesh	94.90	57.06	0.09	0.09
Karnataka	997.05	726.16	20.50	2.06
Kerala	656.49	560.78	18.64	2.84
Tamil Nadu	3389.53	2618.75	50.10	1.48
Lakshadweep	21.87	21.51	0.36	1.65
Pondicherry	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(SR)	5159.84	5070.15	89.69	1.74
Bihar	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	0.00	0.00	0.00
West Bengal	1.05	1.05	0.00	0.00
D.V.C.	0.00	0.00	0.00	0.00
A. & N. Islands	150.45	146.07	4.38	2.91
Sikkim	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(ER)	151.50	147.12	4.38	2.89
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Nagaland	0.10	0.10	0.00	0.00
Tripura	0.00	0.00	0.00	0.00
Arunachal Pradesh	18.00	18.00	0.00	0.00
Mizoram	0.75	0.73	0.02	2.67
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(NER)	18.85	18.83	0.02	0.11
Total (All India)	6866.95	6772.86	94.09	1.37

Table No.5.5 (Contd.)
AUXILIARY CONSUMPTION (UTILITIES ONLY)PRIMEOVERWISE/
STATEWISE DURING 2003-04

<i>Name of the State/U.Ts.</i>	<i>Gas Gross Generation (GWh)</i>	<i>Net Generation (GWh)</i>	<i>Auxiliary Consumption (GWh)</i>	<i>% of Gross Generation</i>
Haryana	0.00	0.00	0.00	0.00
Himachal Pradesh	0.00	0.00	0.00	0.00
Jammu & Kashmir	29.00	29.00	0.00	0.00
Punjab	0.00	0.00	0.00	0.00
Rajasthan	238.53	238.53	0.00	0.00
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttaranchal	0.00	0.00	0.00	0.00
Chandigarh	0.00	0.00	0.00	0.00
Delhi	3620.00	3533.00	87.00	2.40
Central Sector	14870.14	14527.05	343.09	2.31
Sub-Total(NR)	18757.67	18327.58	430.09	2.29
Gujarat	8764.71	8600.74	163.97	1.87
Madhya Pradesh	0.00	0.00	0.00	0.00
Chhattisgarh	0.00	0.00	0.00	0.00
Maharashtra	5432.23	5306.98	125.25	2.31
Goa	202.27	198.22	4.05	2.00
D. & N. Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Central Sector	7108.91	6945.46	163.45	2.30
Sub-Total(WR)	21508.12	21051.40	456.72	2.12
Andhra Pradesh	6932.84	6823.85	108.99	1.57
Karnataka	909.86	866.37	43.49	4.78
Kerala	1039.87	992.15	47.72	4.59
Tamil Nadu	2938.06	2799.42	138.64	4.72
Lakshadweep	0.00	0.00	0.00	0.00
Pondicherry	275.42	260.35	15.07	5.47
Central Sector	2117.97	2069.00	48.97	2.31
Sub-Total(SR)	14214.02	13811.14	402.88	2.83
Bihar	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
D.V.C.	6.61	5.67	0.94	14.22
A. & N. Islands	0.00	0.00	0.00	0.00
Sikkim	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(ER)	6.61	5.67	0.94	14.22
Assam	848.27	827.00	21.27	2.51
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.00
Tripura	436.74	428.00	8.74	2.00
Arunachal Pradesh	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Central Sector	2157.00	2103.89	53.11	2.46
Sub-Total(NER)	3442.01	3358.89	83.12	2.41
Total (All India)	57928.43	56554.68	1373.75	2.37

Table No.5.5 (Contd.)
AUXILIARY CONSUMPTION (UTILITIES ONLY)PRIMEOVERWISE/
STATEWISE DURING 2003-04

<i>Name of the State/U.Ts.</i>	<i>Nuclear Gross Generation (GWh)</i>	<i>Net Generation (GWh)</i>	<i>Auxiliary Consumption (GWh)</i>	<i>% of Gross Generation</i>
Haryana	0.00	0.00	0.00	0.00
Himachal Pradesh	0.00	0.00	0.00	0.00
Jammu & Kashmir	0.00	0.00	0.00	0.00
Punjab	0.00	0.00	0.00	0.00
Rajasthan	0.00	0.00	0.00	0.00
Uttar Pradesh	0.00	0.00	0.00	0.00
Uttaranchal	0.00	0.00	0.00	0.00
Chandigarh	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.00
Central Sector	7380.00	6560.00	820.00	11.11
Sub-Total(NR)	7380.00	6560.00	820.00	11.11
Gujarat	0.00	0.00	0.00	0.00
Madhya Pradesh	0.00	0.00	0.00	0.00
Chhattisgarh	0.00	0.00	0.00	0.00
Maharashtra	0.00	0.00	0.00	0.00
Goa	0.00	0.00	0.00	0.00
D. & N. Haveli	0.00	0.00	0.00	0.00
Daman & Diu	0.00	0.00	0.00	0.00
Central Sector	5700.00	5100.00	600.00	10.53
Sub-Total(WR)	5700.00	5100.00	600.00	10.53
Andhra Pradesh	0.00	0.00	0.00	0.00
Karnataka	0.00	0.00	0.00	0.00
Kerala	0.00	0.00	0.00	0.00
Tamil Nadu	0.00	0.00	0.00	0.00
Lakshadweep	0.00	0.00	0.00	0.00
Pondicherry	0.00	0.00	0.00	0.00
Central Sector	4700.00	4100.00	600.00	12.77
Sub-Total(SR)	4700.00	4100.00	600.00	12.77
Bihar	0.00	0.00	0.00	0.00
Jharkhand	0.00	0.00	0.00	0.00
Orissa	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00
D.V.C.	0.00	0.00	0.00	0.00
A. & N. Islands	0.00	0.00	0.00	0.00
Sikkim	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(ER)	0.00	0.00	0.00	0.00
Assam	0.00	0.00	0.00	0.00
Manipur	0.00	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00
Nagaland	0.00	0.00	0.00	0.00
Tripura	0.00	0.00	0.00	0.00
Arunachal Pradesh	0.00	0.00	0.00	0.00
Mizoram	0.00	0.00	0.00	0.00
Central Sector	0.00	0.00	0.00	0.00
Sub-Total(NER)	0.00	0.00	0.00	0.00
Total (All India)	17780.00	15760.00	2020.00	11.36

Table No. 5.6
ENERGY OFFTAKES BY STATES IN JOINTLY OWNED POWER
STATIONS DURING 2003-04

<i>Name of the Power Station</i>	<i>Energy Generated</i>		<i>Energy offtake by States*</i>	
	<i>Gross</i>	<i>Net</i>		
Bhakra Nangal Complex (Hydro)	6956.90	6944.41	Haryana	3261.00
Dehar (hydro)	3299.26	3283.54	Punjab SEB	4641.00
Pong (Hydro)	1184.83	1182.18	Rajasthan	2415.10
Total (BBMB)	11440.99	11410.13	Jammu & Kashmir	0.00
			Himachal Pradesh	255.00
			Chandigarh	587.00
			Irrigation Wing	44.00
			N.F.L	68.00
			BBMB(system Losses)	139.03
			Total (BBMB)	11410.13
INDRAPRASTHA EXTN.				
(Steam) (2,3,4)	769.00	669.00	Delhi	446.02
			Haryana	222.98
CHAMBAL PROJECTS				
Gandhi Sagar (Hydro)	142.74	140.52		
Jawahar Sagar (Hydro)	193.43	193.12		
Rana Pratap Sagar (Hydro)	239.86	239.36	Madhya Pradesh	1437.94
Total Chambal Projects	576.03	573.00	Rajasthan	1054.12
Satpura (Steam)	2116.71	1919.06		
Machkund (Hydro)	524.92	523.19	Andhra Pradesh	313.62
			Orissa	209.57
Tungabhadra Dam & Hampi (Hydro)	106.37	105.66	Andhra Pradesh	99.43
			Karnataka	6.23
Pench (Hydro)	463.52	463.09	Madhya Pradesh	308.72
			Maharashtra	154.37

* Including losses & excluding BBMB System.

BBMB: Bhakra Beas Management Board.

NFF: National Fertilizer Factory, Nangal Dam.

Table No.5.7
ENERGY OFFTAKES BY STATES FROM CENTRAL
GOVT. PLANTS, DVC & STATE GOVT. PLANTS DURING 2003-04

<i>Name of the Power Station</i>	<i>Installed capacity (MW)</i>	<i>Energy generated (GWh) Gross</i>	<i>Net</i>	<i>Energy Offtake by States including losses (GWh)</i>	
Dadri (gas)	817.00	5060.26	4930.26	HVPNL.	280.99
				H.P.S.E.B.	122.43
				J&K S.E.B.	458.56
				P.S.E.B.	673.72
				R RVPNL	479.26
				UPPCL.	1893.38
				Chandigarh	55.10
				DVB	488.90
				Northern Railway	294.30
				UPC	183.62
Tanakpur (Hydro)	120.00	510.99	507.80	HVPNL	27.13
				J&K S.E.B.	32.27
				P.S.E.B.	77.34
				R RVPNL	50.70
				UPPCL.	98.14
				DVB	56.18
				H.P.S.E.B	16.59
				Chandigarh	8.20
				UPC	82.87
				Nepal	58.38
Chamera H.E.P	840.00	2648.32	2641.17	HVPNL.	380.00
				H.P.S.E.B.	441.33
				J&K S.E.B.	94.95
				P.S.E.B.	306.69
				R RVPNL	513.12
				UPPCL.	488.49
				DVB	232.53
				Chandigarh	98.54
				UPC	85.52
				Uri HEPS	480.00
HPEB	76.52				
J&K SEB	997.50				
PSEB	387.73				
R RVPNL	252.70				
UPPCL.	564.10				
DVB	311.17				
Chandigarh	17.33				
UPC	99.06				

Table No.5.7 (Contd.)
ENERGY OFFTAKES BY STATES FROM CENTRAL
GOVT. PLANTS, DVC & STATE GOVT. PLANTS DURING 2003-04

<i>Name of the Power Station</i>	<i>Installed capacity (MW)</i>	<i>Energy generated (GWh)</i>		<i>Energy Offtake by States including losses (GWh)</i>	
		<i>Gross</i>	<i>Net</i>		
National Capital TPP	840.00	6181.11	5683.32	HVPN	0.00
				HPEB	0.00
				J&K SEB	0.00
				PSEB	0.00
				R RVPNL	0.00
				UPPCL.	657.75
				DVB	5025.57
				Chandigarh	0.00
				BSEB	0.00
				MPSEB	0.00
				UPC	0.00
				Badarpur TPS	720.00
Baira Siul(Hydro)	180.00	687.79	685.21	DVB	73.06
				H.P.	105.37
				Haryana	200.42
				Punjab	306.36
Singrauli (STPS)	2000.00	15641.52	14636.86	J.&K PDC	324.48
				HVPNL	2005.83
				RRVNL	2622.96
				DVB	1531.09
				U.P.PCL	5613.41
				H.P.S.E.B	102.90
				Chandigarh	109.83
				P.S.E.B.	1627.14
				Western Grid	0.00
				UPC	699.22
Salal (Hydro) (St.I+II)	690.00	3477.42	3472.67	H.P.S.E.B.	33.66
				P.S.E.B.	907.56
				HVPN.	512.66
				DVB	396.47
				J.&K PDC	1235.46
				RVPNL	99.95
				UPPCL	237.68
				Chandigarh	9.02
				UPC	40.21

Table No.5.7 (Contd.)
ENERGY OFFTAKES BY STATES FROM CENTRAL
GOVT. PLANTS, DVC & STATE GOVT. PLANTS DURING 2003-04

<i>Name of the Power Station</i>	<i>Installed capacity (MW)</i>	<i>Energy generated (GWh) Gross</i>	<i>generated Net</i>	<i>Energy Offtake by States including losses (GWh)</i>	
Rihand (STPS)	1000.00	7956.26	7347.40	H.V.P.N.	755.01
				H.P.S.E.B.	296.50
				J.&K	675.63
				P.S.E.B.	894.49
				RVPNL	918.13
				UPPCL	2443.91
				DVB	947.14
				Chandigarh	127.84
				UPC	288.75
R.A.P.P.(Nuclear)	740.00	4380.00	3860.00	H.V.P.N.	0.00
				H.P.S.E.B.	0.00
				J.&K	378.00
				P.S.E.B.	206.17
				RRVNL (A)	2418.91
				UPPCL	0.00
				DVB	651.18
				Chandigarh	0.00
				UPC	0.00
MPSEB(WR)	205.74				
Unchahar (Steam)	840.00	6450.93	5874.96	H.V.P.N.	387.48
				H.P.S.E.B.	152.50
				J.&K S.E.B.	399.27
				P.S.E.B.	724.60
				RVPNL	513.73
				UPPCL	2681.32
				DVB	604.06
				Chandigarh	60.88
				UPC	351.12
Anta (Gas)	413.00	2772.46	2701.51	H.V.P.N.	229.20
				H.P.S.E.B.	86.49
				J.&K S.E.B.	266.04
				P.S.E.B.	306.21
				RRVNL	709.43
				UPPCL.	631.90
				DVB	307.54
				Chandigarh	56.07
				UPC	108.63

Table No.5.7 (Contd.)
ENERGY OFFTAKES BY STATES FROM CENTRAL
GOVT. PLANTS, DVC & STATE GOVT. PLANTS DURING 2003-04

<i>Name of the Power Station</i>	<i>Installed capacity (MW)</i>	<i>Energy generated (GWh)</i>		<i>Energy Offtake by States including losses (GWh)</i>	
		<i>Gross</i>	<i>Net</i>		
Auraiya (Gas)	652.00	4248.92	4167.86	H.V.P.N.	297.69
				H.P.S.E.B.	109.52
				J.&K S.E.B.	387.97
				P.S.E.B.	455.77
				RVPNL	456.34
				UPPCL (T)	1624.26
				DVB	406.86
				Chandigarh	59.16
				UPC	180.16
				BSEB	0.00
				MPEB	0.00
				RAILWAYS	190.13
N.A.P.P. (Nuclear)	440.00	3000.00	2700.00	H.V.P.N.	273.29
				H.P.S.E.B.	104.58
				J.&K S.E.B.	261.33
				P.S.E.B.	342.89
				RVPNL	348.04
				UPPCL	845.08
				DVB	373.24
				Chandigarh	51.63
				UPC	99.92
				T.A.P.P. (Nuclear)	420.00
M.S.E.B.	1150.00				
Kakrapar (Nuclear)	340.00	3200.00	2800.00	G.E.B.	877.00
				CSEB	147.00
				M.S.E.B.	1622.00
				Daman & Diu	55.00
				Dadra & Nagar GOA	99.00
Gandhar (CCGT&CCST)	648.00	3220.20	3145.22	GEB	1250.43
				M.PEB	673.30
				MSEB	1054.12
				D & Nagar Haveli	109.53
				DAMAN & DIU	57.84
				CSEB	0.00
				GOA	0.00
Kayamkulam	350.00	2117.97	2069.01	KSEB	1038.18
				TNEB	1030.83

Table No.5.7 (Contd.)
ENERGY OFFTAKES BY STATES FROM CENTRAL
GOVT. PLANTS, DVC & STATE GOVT. PLANTS DURING 2003-04

<i>Name of the Power Station</i>	<i>Installed capacity (MW)</i>	<i>Energy generated (GWh) Gross</i>	<i>Net</i>	<i>Energy Offtake by States including losses (GWh)</i>
Tanda	440.00	2911.11	2538.18	UPPCL 2538.18
Faridabad(CCGT)	430.00	2788.51	2727.42	H.V.P.N. 2727.42
Kaiga APP	440.00	3100.00	2800.00	APTRANSCO 0.00 KPTCL 830.00 KSEB 372.00 TNEB 1518.00 Pondicherry 80.00
Korba STPS, V.S.T.P.S. & Kawas Gas	5004.00	36574.41	34200.94	M.P.E.B. 8192.93 M.S.E.B. 11740.41 G.E.B. 7446.04 CSEB 2854.91 Goa 1828.78 D. & N Haveli 1300.31 Daman & Diu 837.56
Ramagundam S.T.P.S.	2100.00	16331.78	15252.18	A.P TRANSCO 4901.12 K.P.T.C.L. 3006.60 K.S.E.B. 2271.23 T.N.E.B. 3819.72 Goa (WR) 734.36 Pondicherry 519.15
Neyveli-I (Steam)	600.00	4400.14	3893.67	Tamil Nadu (B) 3893.67
Neyveli-II(Steam)	1470.00	10004.84	9052.38	A.P.TRANSCO 1708.73 K.P.T.C.L. 2082.99 K.S.E.B. 1094.55 Tamil Nadu (C) 3594.88 Pondicherry 571.23
Kalpakkam (Nuclear)	340.00	1600.00	1300.00	A.P.TRANSCO 119.00 K.P.T.C.L. 97.00 K.S.E.B. 80.00 Tamil Nadu (D) 985.00 Pondicherry 19.00
A.P.Gas Power Corpn.	99.00	742.02	728.40	Andhra Pradesh (E) 728.40
Neyveli TPS Expn.-1	210.00	1983.25	1789.63	K.S.E.B. 252.00 Tamil Nadu 1015.63 KPTCL 450.00 Pondichery 72.00

Table No.5.7 (Contd.)
ENERGY OFFTAKES BY STATES FROM CENTRAL
GOVT. PLANTS, DVC & STATE GOVT. PLANTS DURING 2003-04

<i>Name of the Power Station</i>	<i>Installed capacity (MW)</i>	<i>Energy generated (GWh) Gross</i>	<i>Net</i>	<i>Energy Offtake by States including losses (GWh)</i>
Sone East&West Canal	9.90	35.00	34.00	B.S.E.B. 34.00
E.Gandak Canal	15.00	55.00	54.30	BSEB 54.30
Tenughat(Jharkhand)	420.00	1346.00	1224.86	JSEB 1224.86
I.B.Valley(OPGC)	420.00	3010.48	2681.02	GRIDCO 2681.02
NTPC's Stations in Eastern Region	4910.00	29183.16	26719.52	BSEB 4982.29
				GRIDCO 6732.91
				WBSEB 3764.46
				KSEB 972.69
				D.V.C 763.82
				GEB 502.10
				A.P.TRANSOCO 1041.62
				ASEB(NER) 66.99
				MPEB(WR) 2214.34
				MSEB 469.51
				K.P.T.C.L. 1266.70
				UPPCL 19.67
				TNEB(SR) 2187.95
				Pondicherry 207.97
				HPSEB 7.06
				RRVNL 5.64
				J&KPDC 127.72
				Chandigarh 119.31
				JSEB 636.01
				PSEB 49.12
DELHI 22.08				
Sikkim 291.57				
D N & H 114.71				
Daman & Diu 153.28				
Satluj Jal Vidyut Nigam Ltd.	1000.00	1129.60	1116.21	DTL 492.39
				PSEB 128.93
				RRVNL 374.43
				HVPNL 54.14
				Chandigarh 7.40
				HPSEB 58.92
Karaikal(PPCL)	32.50	275.42	260.35	Poncicherry 260.65
Simhadri	1000.00	7722.54	7245.23	APTRANSOCO 7245.23

Table No.5.7 (Contd.)
ENERGY OFFTAKES BY STATES FROM CENTRAL
GOVT. PLANTS, DVC & STATE GOVT. PLANTS DURING 2003-04

<i>Name of the Power Station</i>	<i>Installed capacity (MW)</i>	<i>Energy (GWh) Gross</i>	<i>generated Net</i>	<i>Energy Offtake by States including losses (GWh)</i>
Durgapur Projects Ltd.	395.00	1915.15	1699.12	W.B.S.E.B. (F) 1699.12
WBPDC	2910.00	14155.05	12668.19	West Bengal 10264.81 HVPNL 40.58 DTL 683.58 J & K 199.45 PSEB 2.30 RRVPNL 27.06 GEB 484.67 MPEB 536.73 MSEB 358.03 CSEB 70.98
D.V.C. @	2871.50	10014.79	8735.27 @@	GRIDCO 490.26 Jharkhand (G) 5872.33 West Bengal (H) 3047.26 N.T.P.C./PGCIL 352.77
Rangit	60.00	344.26	343.58	BSEB 80.44 WBSEB 133.45 Sikkim 62.35 D.V.C. 65.07 JSEB 2.27
N E E P C O	1105.00	4149.00	4090.69	Assam 2133.21 Manipur 334.00 Meghalaya 327.00 Nagaland 243.83 Tripura 273.25 Mizoram 216.00 Arunachal Pradesh 189.69 WBSEB 335.00 HVPN 38.71
Loktak (Hydro)	105.00	503.20	501.42	Assam S.E.B. 129.45 Manipur 169.73 Nagaland 35.38 Tripura 69.96 Arunachal Pradesh 19.57 Mizoram 32.63 Meghalaya 44.70

Table No. 5.8
INTER-STATE TRANSFERS OF ELECTRICAL ENERGY
DURING 2003-04

<i>Name of the supplier</i>	<i>Name of the Purchaser</i>	<i>Energy Transferred (GWh)</i>
NORTHERN REGION		
Himachal Pradesh S.E.B.	Haryana V.P.N	306.12
Himachal Pradesh S.E.B.	D.T.L.	1052.36
Himachal Pradesh S.E.B.	Punjab S.E.B.	245.67
J&K S.E.B.	Punjab S.E.B.	259.16
Punjab S.E.B.	Himachal Pradesh S.E.B.	325.03
Punjab S.E.B.	J&K S.E.B.	116.79
Punjab S.E.B.	U.P P.C.L.	107.90
UPPCL	DVB	367.71
UPPCL	Himachal Pradesh S.E.B.	74.93
Uttaranchal P.C.	Haryana V.P.N	22.14
Uttaranchal P.C.	Himachal Pradesh S.E.B.	432.55
Uttaranchal P.C.	Punjab S.E.B.	162.81
Uttaranchal P.C.	RRVPNL	1.25
D.T.L.	Haryana V.P.N	514.96
D.T.L.	Himachal Pradesh S.E.B.	27.87
D.T.L.	J&K PDC	100.10
D.T.L.	RRVPNL	195.68
D.T.L.	Punjab S.E.B.	288.18
Chandigarh	Punjab S.E.B.	7.05
Chandigarh	RRVPNL	9.82
WESTERN REGION		
Chhattisgarh S.E.B.	G.E.B.	604.31
M.P.E.B.	Maharashtra S.E.B.	1.37
CSEB	DNH	197.93
Maharashtra S.E.B.	M.P.E.B.	0.76
SOUTHERN REGION		
Tamil Nadu S.E.B.	Pondicherry	275.00
Kerala S.E.B.	Pondicherry	25.33
EASTERN REGION		
Jharkhand S.E.B.	Damodar Valley Corpn.	146.96
GRIDCO	Damodar Valley Corpn.	12.27
Tata Power	DVC	70.95
West Bengal S.E.B.	Jharkhand S.E.B.	27.48
West Bengal S.E.B.	Damodar Valley Corpn.	459.97
Damodar Valley Corpn.	GRIDCO	490.26
Damodar Valley Corpn.	Jharkhand S.E.B.	2459.65
Damodar Valley Corpn.	West Bengal S.E.B. & DPL	1004.00
Damodar Valley Corpn.	Licencees in West Bengal	595.00
Durgapur Project Limited..	West Bengal S.E.B.	499.11
Damodar Valley Corpn.	N.T.P.C.	352.77

Table No.5.8 (Contd.)
INTER-STATE TRANSFERS OF ELECTRICAL ENERGY
DURING 2003-04

<i>Name of the Supplier</i>	<i>Name of the Purchaser</i>	<i>Energy Transferred (GWh)</i>
NORTH EASTERN REGION		
Meghalaya S.E.B.	Assam S.E.B.	7.72
Tripura	Mizoram	33.20
INTER-REGIONAL TRANSFER OF ENERGY		
NORTHERN REGION		
DTL	WESTERN REGION	
RRVNL	CSEB	27.67
UPC	M.P.S.E.B.	587.24
UPC	GEB	66.14
UPC	M.P.S.E.B.	41.82
UPC	Maharashtra S.E.B.	49.41
DVB	M.P.S.E.B.	232.20
DTL	GEB	132.93
NORTHERN REGION		
DTL	SOUTHERN REGION	
	KSEB	13.21
WESTERN REGION		
M.P.S.E.B.	NORTHERN REGION	
C.S.E.B.	PSEB	5.80
GOA	DTL	28.46
	DTL	140.76
SOUTHERN REGION		
A.P.TRANSCO	EASTERN REGION	
A.P.TRANSCO	GRIDCO	52.61
	DTL	4.04
EASTERN REGION		
GRIDCO	NORTHERN REGION	
BSEB	HVNL	5.53
GRIDCO	RRVNL	20.11
GRIDCO	DTL	99.69
GRIDCO	CHANDIGARH	0.16
NORTHERN REGION		
DTL	EASTERN REGION	
	Jharkhand S.E.B.	9.01

Table No.5.8 (Contd.)
INTER-STATE TRANSFERS OF ELECTRICAL ENERGY
DURING 2003-04

<i>Name of the Supplier</i>	<i>Name of the Purchaser</i>	<i>Energy Transferred (GWh)</i>
OUT SIDE THE COUNTRY		
EXPORT		
Tanakpur CGP	Nepal	58.38
Sub-Total		58.38
IMPORT		
Bhutan	D.V.C.	282.00
Bhutan	Bihar S.E.B.	473.00
Bhutan	West Bengal S.E.B.	695.21
Bhutan	Sikkim	33.00
Bhutan	GRIDCO	251.55
Bhutan	Jharkhand S.E.B.	13.64
Sub-Total		1748.40

Note:- 1) D.V.C. is being treated as a separate entity for the purpose of this table.
H.V.P.N: Haryana Vidyut Prasaran Nigam.
GRIDCO: Grid Power Corporation of Orissa Ltd.
A.P TRANSCO - Transmission Corp. of A.P. Limited.
CGP- Central Government Project.
KPTCL : Karnataka Power Transmission Corpn. Ltd.
RRVPN : Rajasthan Rajya Vidhyut Prasaran Nigam
UPPCL : Uttar Pradesh Power Corpn. Ltd.