

MONTHLY REPORT ON SHORT-TERM TRANSACTIONS OF ELECTRICITY (October 2008)

Introduction

A Market Monitoring Cell (MMC) was set up in CERC in August 2008. As advised by the Steering Committee of MMC, MONTHLY REPORT ON SHORT-TERM TRANSACTIONS OF ELECTRICITY i.e. for the month of August and September 2008 was prepared and posted on the website of CERC. This is the report for the month of October 2008. The objective of the report is to see the trends in volume and price of the short-term transactions of electricity in India. The report is mainly based on the data collected from Inter-State Trading Licensees, Power Exchanges (Indian Energy Exchange Ltd and Power Exchange India Ltd) and National Load Despatch Centre (NLDC) as per the formats prescribed by MMC. The same has been analysed as below: -

I: Volume of Short-term Transactions of Electricity

During the Month of October 2008, total electricity generation excluding generation from renewables and captive power plants in India was 61966.84 MUs. (Table-1).

Of the total electricity generation, 4232.18 MUs (6.83%) transacted through short-term i.e. 2028.73 MUs (3.27%) through Bilateral (through traders and direct between distribution companies), followed by 1826.14 MUs (2.95%) through Unscheduled Interchange (UI) and 377.31 MUs (0.61%) through Power Exchanges (IEX and PXIL) (Table-1).

Of the total short-term transactions, Bilateral constitute 47.94% (41.17% through traders and 6.77% direct between distribution companies) followed by 43.15% through UI and 8.92% through Power Exchanges (Table-1).

The volume of electricity transacted through IEX and PXIL respectively was 375.19 MUs and 2.12 MUs. The volume of total Buy bids and Sale bids was 1555.94 MUs and 472.69 MUs respectively in IEX and 20.70 MUs and 16.31 MUs in PXIL. The gap between the volume of Buy bids and Sale bids shows that there was more demand for electricity and it was more than three times the supply offered through the IEX.

II: Price of Short-term Transactions of Electricity

(1) Price of electricity transacted through Traders: Weighted average sale price has been computed for the electricity transacted through traders and it was Rs.7.78. The weighted average sale price also computed for the transactions during Round the clock (RTC), Peak and Off-Peak periods separately and the sale price was Rs.6.99, Rs.8.90 and Rs.8.51 respectively. Minimum and Maximum sale price was Rs.1.39 and Rs.10.39 respectively (Table-2 and 3).

(2) Price of electricity transacted Through Power Exchange: The Minimum, Maximum and Weighted Average Price has been computed for the volume transacted through IEX and PXIL separately. The Minimum, Maximum and Weighted Average Price was Rs.2.50, Rs.11.00 and 8.32 respectively in IEX and Rs.5.50, Rs.10.50 and Rs.7.57 respectively in PXIL (Table-4).

(3) Price of electricity transacted Through UI: All-India UI price has been computed for NEW Grid and SR Grid separately. The average UI price was Rs.6.32 in the NEW Grid and Rs.8.97 in the SR Grid. The power deficit is more in the Southern Region when compared with other regions, therefore, the UI price was higher in the SR Grid when compared with the UI price in the NEW Grid. Minimum and Maximum price of UI was Rs.0.00 and Rs.10.00 respectively in the New Grid and Rs.1.20 and Rs.10.00 respectively in the SR Grid (Table-5).

III: Volume of Short-term Transactions of Electricity (State-Wise):

Of the total bilateral transactions, top 5 states selling 66.61% of the volume are Chattisgarh, WB, Karnataka, Delhi and Punjab and top 5 states purchasing 70.86% of the volume are Rajasthan, Maharashtra, MP, Gujarat and UP (Table-6 & 7).

Of the total Power Exchange transactions, top 5 states selling 84.58% of the volume are HP, Punjab, WB, Chattisgarh (Jindal Power Ltd), and MP and top 5 states purchasing 97.55% of the volume are AP, Maharashtra, Kerala, Haryana, and MP (Table-8 & 9).

Of the total UI transactions, top 5 states exporting 44.13% of the volume are Chattisgarh, Maharashtra, Rajasthan, DVC and Delhi and top 5 states importing 58.14% of the volume are UP, AP, Karnataka, Gujarat and Haryana (Table-10 & 11).

State-wise total net short-term transactions of electricity i.e. volume of net transactions through bilateral, power exchange and UI was shown in Table-12. Top 5 states those selling electricity are Chattisgarh, WB, Punjab, HP and Delhi and top 5 states those purchasing electricity are UP, Rajasthan, AP, Maharashtra and Gujarat.

IV: Key findings/Observations:

- The percentage of short-term transactions of electricity (i.e. transactions through bilateral, Power Exchange and UI) to total electricity generation was 6.83%.
- The price of electricity transacted through traders is comparable with the price of electricity transacted through Power Exchanges and UI.
- There was big gap between the volume of total Sale bids and Buy bids placed through Power Exchange. The gap shows that there was more demand for electricity and it was more than three times the supply offered through IEX.

VOLUME OF SHORT-TERM TRANSACTIONS OF ELECTRICITY (ALL INDIA) (MUs)					Total Electricity Generation (MUs) as given at CEA Website*
Month: October 2008					
Date	Bilateral		Power Exchanges (Market Clearing Volume)	Unscheduled Interchange (Over Draw+Under Generation)	
	Through Traders	Direct			
1	45.17	10.70	11.15	43.79	2060.03
2	49.29	10.71	10.58	56.12	2069.90
3	47.34	9.41	9.77	54.53	2064.81
4	45.70	9.59	10.37	50.54	2064.20
5	51.52	9.39	14.14	52.52	2014.69
6	54.64	9.61	11.73	60.55	2058.31
7	60.77	10.28	15.79	58.03	2050.56
8	54.65	9.09	20.72	67.48	2043.76
9	53.24	5.99	19.90	84.31	1963.13
10	44.58	8.03	18.17	68.17	1955.95
11	50.62	9.21	9.34	58.18	1957.20
12	50.25	8.92	10.91	60.98	1959.58
13	46.69	8.53	6.35	51.66	2016.98
14	51.66	8.62	6.41	50.57	2026.72
15	51.06	9.09	6.85	57.90	2018.39
16	56.57	8.37	7.68	62.44	2015.23
17	57.39	7.90	10.43	57.82	2028.79
18	60.77	8.91	15.95	49.95	2032.36
19	61.73	8.66	15.60	52.77	1962.24
20	59.99	9.66	16.12	53.37	2006.79
21	56.72	10.97	15.59	46.80	2011.90
22	61.71	11.29	16.29	45.70	1990.53
23	62.00	8.94	9.03	44.64	1998.49
24	61.38	8.13	8.49	44.04	1977.97
25	63.72	10.47	6.18	47.79	1977.51
26	66.31	8.84	9.67	58.89	1915.04
27	73.90	8.76	3.93	74.28	1927.43
28	63.05	9.81	9.19	93.88	1921.43
29	56.37	9.21	17.28	83.83	1927.00
30	59.81	9.86	18.33	74.72	1961.72
31	63.61	9.59	15.36	59.90	1988.20
Total	1742.20	286.53	377.31	1826.14	61966.84

Source: NLDC

* Gross Electricity Generation excluding electricity generation from renewables and captive power plants

Format-2

PRICE OF SHORT-TERM TRANSACTIONS OF ELECTRICITY (Rs/KWh)												
Month: October 2008												
Market Segment	Power Exchange (IEX)			Power Exchange (PXIL)			Under Drawl/Over Drawl from the Grid (UI)					
Date	Minimum MCP	Maximum MCP	Weighted Average*	Minimum MCP	Maximum MCP	Weighted Average*	NEW Grid			SR Grid		
							Minimum Price	Maximum Price	Average Price**	Minimum Price	Maximum Price	Average Price**
01/10/08	7.44	10.20	8.63				7.12	10.00	9.45	6.40	10.00	9.69
02/10/08	7.94	9.68	8.78				1.60	10.00	6.67	4.60	10.00	9.23
03/10/08	8.00	9.73	8.87				3.70	10.00	7.88	6.76	10.00	9.60
04/10/08	8.42	9.72	9.13				5.14	10.00	8.59	6.76	10.00	9.66
05/10/08	8.57	9.71	9.23				1.76	10.00	6.95	6.58	10.00	9.16
06/10/08	8.50	10.20	9.17				1.68	8.92	5.61	5.68	10.00	9.07
07/10/08	8.58	10.13	9.21				1.84	9.10	5.35	4.60	10.00	8.99
08/10/08	8.42	9.68	9.06				1.76	8.56	5.30	2.72	10.00	8.45
09/10/08	5.98	8.92	7.55				0.56	7.66	3.29	2.40	10.00	8.47
10/10/08	5.50	9.50	6.97				1.92	10.00	6.59	4.06	10.00	8.99
11/10/08	6.05	9.60	7.85				2.64	10.00	8.06	3.34	10.00	9.09
12/10/08	6.06	9.57	7.98				3.52	10.00	8.49	2.40	10.00	8.62
13/10/08	7.75	10.00	9.22				4.42	10.00	8.61	4.96	10.00	9.20
14/10/08	8.00	10.20	9.43				4.24	10.00	9.30	4.06	10.00	9.38
15/10/08	8.99	10.60	9.84				2.80	10.00	6.92	3.70	10.00	9.15
16/10/08	9.00	10.80	9.97				2.24	9.10	5.32	3.70	10.00	8.97
17/10/08	8.98	9.87	9.74				2.56	9.64	5.89	5.86	10.00	8.76
18/10/08	8.96	9.87	9.71				2.64	10.00	6.39	5.68	10.00	9.22
19/10/08	7.07	8.51	7.83				2.08	10.00	5.82	2.72	10.00	8.57
20/10/08	7.39	10.00	8.20				2.80	9.64	6.12	5.86	10.00	8.99
21/10/08	7.57	9.75	8.34				2.72	9.82	7.32	7.12	10.00	9.46
22/10/08	7.56	9.09	8.27				2.56	10.00	7.46	6.40	10.00	9.23
23/10/08	7.41	10.30	8.34	7.60	9.80	8.20	2.08	10.00	6.50	5.68	10.00	8.95
24/10/08	7.41	10.40	8.33	7.46	10.35	8.45	2.64	10.00	7.16	5.32	10.00	8.87
25/10/08	7.28	10.50	8.17	0.00	0.00	0.00	2.64	9.82	7.22	1.84	10.00	8.43
26/10/08	7.21	8.66	7.96	6.28	9.50	7.36	2.08	10.00	6.92	1.20	9.46	6.50
27/10/08	7.25	11.00	9.50	0.00	0.00	0.00	1.28	8.20	4.05	5.86	10.00	8.99
28/10/08	2.50	11.00	7.49	5.50	7.50	7.42	0.00	5.86	2.57	7.12	10.00	9.46
29/10/08	3.50	8.36	6.97	0.00	0.00	0.00	0.00	5.86	2.49	6.40	10.00	9.23
30/10/08	3.50	8.36	6.44	0.00	0.00	0.00	1.20	6.94	3.36	5.68	10.00	8.95
31/10/08	3.50	8.50	6.54	7.06	10.50	7.06	2.24	8.38	4.38	5.32	10.00	8.87
	2.50#	11.00#	8.32	5.50#	10.50#	7.57	0.00#	10.00#	6.32	1.20#	10.00#	8.97

Source: Data on PX transactions from IEX and PXIL and UI data from NLDC

* Weighted average price computed based on Market Clearing Volume (MCV) and Market Clearing Price (MCP) for each hour of the day

** Simple average price of UI of 96 time blocks of 15 minutes each in a day

Maximum/Minimum in the month

VOLUME OF SHORT-TERM TRANSACTIONS OF ELECTRICITY (STATE-WISE) (MUs)										
Month: October 2008										
Name of the State/UT/Other Regional Entity	Through Bilateral			Through Power Exchange			Through UI with Regional Grid			Total Net**
	Sale	Purchase	Net*	Sale	Purchase	Net*	Export (Under Drawl)	Import (Over Drawl)	Net*	
Punjab	114.32	64.98	-49.33	76.91	0.00	-76.91	102.26	48.44	-53.82	-180.07
Haryana	2.18	94.12	91.94	0.00	30.09	30.09	29.32	107.78	78.46	200.49
Rajasthan	1.27	595.05	593.77	11.06	1.65	-9.41	112.18	48.34	-63.84	520.52
Delhi	154.76	84.80	-69.96	0.30	0.28	-0.02	102.67	37.42	-65.25	-135.23
Uttar Pradesh	0.00	108.74	108.74	0.00	0.00	0.00	22.91	441.71	418.80	527.54
Uttarakhand	54.24	6.50	-47.74	0.00	0.00	0.00	57.86	14.41	-43.44	-91.19
Himachal Pradesh	76.93	37.20	-39.73	101.10	0.00	-101.10	43.72	9.99	-33.73	-174.56
J & K	28.20	65.85	37.65	0.00	0.00	0.00	19.08	50.47	31.39	69.04
UT Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	16.69	2.95	-13.74	-13.74
MP	27.35	259.29	231.94	23.57	23.09	-0.48	69.43	99.60	30.18	261.63
Maharashtra	22.48	318.57	296.09	3.97	95.60	91.63	148.29	54.48	-93.81	293.91
Gujarat	0.00	155.88	155.88	0.90	1.10	0.20	27.92	136.64	108.72	264.80
Chattisgarh	290.27	14.88	-275.39	47.83	0.00	-47.83	194.40	6.07	-188.33	-511.56
Goa	0.00	20.98	20.98	0.00	1.02	1.02	22.44	6.43	-16.01	5.99
Daman and Diu	0.00	0.00	0.00	0.00	0.00	0.00	7.10	18.51	11.40	11.40
Dadra & Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00	3.51	50.32	46.80	46.80
Andhra Pradesh	60.44	86.62	26.18	0.00	186.15	186.15	19.92	154.13	134.21	346.53
Karnataka	174.09	0.00	-174.09	20.39	0.32	-20.07	5.14	147.93	142.78	-51.38
Kerala	75.12	18.79	-56.33	0.00	33.14	33.14	8.46	39.54	31.08	7.89
Tamilnadu	54.22	80.86	26.64	0.00	4.86	4.86	85.57	97.01	11.44	42.94
Pondicherry	0.00	0.00	0.00	0.00	0.00	0.00	5.04	6.41	1.37	1.37
West Bengal	258.79	13.70	-245.09	69.69	0.00	-69.69	92.08	24.48	-67.61	-382.39
Orissa	30.79	0.00	-30.79	0.28	0.00	-0.28	40.57	15.92	-24.65	-55.72
Bihar	0.00	0.00	0.00	0.00	0.00	0.00	6.86	36.99	30.14	30.14
Jharkhand	0.00	0.00	0.00	0.00	0.00	0.00	34.10	6.72	-27.38	-27.38
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	5.14	4.62	-0.52	-0.52
DVC	0.53	0.00	-0.53	0.00	0.00	0.00	104.76	15.51	-89.25	-89.78
Arunachal Pradesh	22.40	0.00	-22.40	0.00	0.00	0.00	4.45	7.44	2.98	-19.42
Assam	0.18	0.00	-0.18	6.03	0.00	-6.03	63.02	4.21	-58.81	-65.01
Manipur	0.00	0.00	0.00	0.00	0.00	0.00	10.73	0.63	-10.09	-10.09
Meghalaya	8.76	0.00	-8.76	0.00	0.00	0.00	12.14	2.42	-9.72	-18.48
Mizoram	0.66	0.00	-0.66	5.95	0.00	-5.95	4.30	0.65	-3.65	-10.25
Nagaland	15.69	0.00	-15.69	0.00	0.00	0.00	5.17	1.02	-4.15	-19.84
Tripura	16.04	1.91	-14.13	9.32	0.00	-9.32	13.44	0.31	-13.13	-36.58

Source: NLDC

* (-) indicates sale and (+) indicates purchase

** Total net includes net of transactions through bilateral, power exchange and UI

Table-1: VOLUME OF SHORT-TERM TRANSACTIONS OF POWER (ALL INDIA)				
Sr.No	Short-term transactions	Volume (MUs)	% to Volume of short-term transactions	% to Total Generation
1	Bilateral	2028.73	47.94%	3.27%
	(i) Through Traders	1742.20	41.17%	2.81%
	(ii) Direct	286.53	6.77%	0.46%
2	Through Power Exchange	377.31	8.92%	0.61%
3	Through UI	1826.14	43.15%	2.95%
	Total	4232.18	100.00%	6.83%
	Total Generation	61966.84		

Source: NLDC

Table-2: PRICE OF POWER TRANSACTED THROUGH TRADERS		
Sr.No	Period of Trade	Weighted Average Sale Price (Rs)
1	RTC	6.99
2	PEAK	8.90
3	OFF PEAK	8.51
	Total	7.78

Source: Information submitted by trading licensees

Table-3: PRICE OF POWER TRANSACTED THROUGH TRADERS		
Sr.No		Sale Price (Rs/KWh)
1	Minimum	1.39
2	Maximum	10.39
3	Weighted Average	7.78

Source: Information submitted by trading licensees

Table-4: PRICE OF POWER TRANSACTED THROUGH POWER EXCHANGE (Rs/KWh)			
Sr.No	MCP	IEX	PXIL
1	Minimum	2.50	5.50
2	Maximum	11.00	10.50
3	Weighted Average	8.32	7.57

Source: Information submitted by IEX and PXIL

Table-5: PRICE OF POWER TRANSACTED THROUGH UI (Rs/KWh)			
Sr.No		NEW Grid	SR Grid
1	Minimum	0.00	1.20
2	Maximum	10.00	10.00
3	Average	6.32	8.97

Source: NLDC

Table-6: VOLUME OF ELECTRICITY SALE BY STATES THROUGH BILATERAL		
Name of the State/UT/Other Regional Entity	Volume of Sale (MUs)	% of Volume
Chattisgarh	290.27	19.49%
West Bengal	258.79	17.37%
Karnataka	174.09	11.69%
Delhi	154.76	10.39%
Punjab	114.32	7.67%
Himachal Pradesh	76.93	5.16%
Kerala	75.12	5.04%
Andhra Pradesh	60.44	4.06%
Uttarakhand	54.24	3.64%
Tamilnadu	54.22	3.64%
Orissa	30.79	2.07%
J & K	28.20	1.89%
MP	27.35	1.84%
Maharashtra	22.48	1.51%
Arunachal Pradesh	22.40	1.50%
Tripura	16.04	1.08%
Nagaland	15.69	1.05%
Meghalaya	8.76	0.59%
Haryana	2.18	0.15%
Rajasthan	1.27	0.09%
Mizoram	0.66	0.04%
DVC	0.53	0.04%
Assam	0.18	0.01%
Uttar Pradesh	0.00	0.00%
UT Chandigarh	0.00	0.00%
Gujarat	0.00	0.00%
Goa	0.00	0.00%
Daman and Diu	0.00	0.00%
Dadra & Nagar Haveli	0.00	0.00%
Pondicherry	0.00	0.00%
Bihar	0.00	0.00%
Jharkhand	0.00	0.00%
Sikkim	0.00	0.00%
Manipur	0.00	0.00%
Total	1489.72	100.00%
Volume of sale by top 5 States	992.24	66.61%

Table-7: VOLUME OF ELECTRICITY PURCHASE BY STATES THROUGH BILATERAL		
Name of the State/UT/Other Regional Entity	Volume of Purchase (MUs)	% of Volume
Rajasthan	595.05	29.33%
Maharashtra	318.57	15.70%
MP	259.29	12.78%
Gujarat	155.88	7.68%
Uttar Pradesh	108.74	5.36%
Haryana	94.12	4.64%
Andhra Pradesh	86.62	4.27%
Delhi	84.80	4.18%
Tamilnadu	80.86	3.99%
J & K	65.85	3.25%
Punjab	64.98	3.20%
Himachal Pradesh	37.20	1.83%
Goa	20.98	1.03%
Kerala	18.79	0.93%
Chattisgarh	14.88	0.73%
West Bengal	13.70	0.68%
Uttarakhand	6.50	0.32%
Tripura	1.91	0.09%
UT Chandigarh	0.00	0.00%
Daman and Diu	0.00	0.00%
Dadra & Nagar Haveli	0.00	0.00%
Karnataka	0.00	0.00%
Pondicherry	0.00	0.00%
Orissa	0.00	0.00%
Bihar	0.00	0.00%
Jharkhand	0.00	0.00%
Sikkim	0.00	0.00%
DVC	0.00	0.00%
Arunachal Pradesh	0.00	0.00%
Assam	0.00	0.00%
Manipur	0.00	0.00%
Meghalaya	0.00	0.00%
Mizoram	0.00	0.00%
Nagaland	0.00	0.00%
Total	2028.73	100.00%
Volume of purchase by top 5 States	1437.52	70.86%

Table-8: VOLUME OF ELECTRICITY SALE BY STATES THROUGH POWER EXCHANGE		
Name of the State/UT/Other Regional Entity	Volume of Sale (MUs)	% of Volume
Himachal Pradesh	101.10	26.79%
Punjab	76.91	20.38%
West Bengal	69.69	18.47%
Chattisgarh (Jindal Power Ltd)	47.83	12.68%
MP	23.57	6.25%
Karnataka	20.39	5.40%
Rajasthan	11.06	2.93%
Tripura	9.32	2.47%
Assam	6.03	1.60%
Mizoram	5.95	1.58%
Maharashtra	3.97	1.05%
Gujarat	0.90	0.24%
Delhi	0.30	0.08%
Orissa	0.28	0.07%
Haryana	0.00	0.00%
Uttar Pradesh	0.00	0.00%
Uttarakhand	0.00	0.00%
J & K	0.00	0.00%
UT Chandigarh	0.00	0.00%
Goa	0.00	0.00%
Daman and Diu	0.00	0.00%
Dadra & Nagar Haveli	0.00	0.00%
Andhra Pradesh	0.00	0.00%
Kerala	0.00	0.00%
Tamilnadu	0.00	0.00%
Pondicherry	0.00	0.00%
Bihar	0.00	0.00%
Jharkhand	0.00	0.00%
Sikkim	0.00	0.00%
DVC	0.00	0.00%
Arunachal Pradesh	0.00	0.00%
Manipur	0.00	0.00%
Meghalaya	0.00	0.00%
Nagaland	0.00	0.00%
Total	377.31	100.00%
Volume of sale by top 5 States	319.11	84.58%

Table-9: VOLUME OF ELECTRICITY PURCHASE BY STATES THROUGH POWER EXCHANGE		
Name of the State/UT/Other Regional Entity	Volume of Purchase (MUs)	% of Volume
Andhra Pradesh	186.15	49.34%
Maharashtra	95.60	25.34%
Kerala	33.14	8.78%
Haryana	30.09	7.98%
MP	23.09	6.12%
Tamilnadu	4.86	1.29%
Rajasthan	1.65	0.44%
Gujarat	1.10	0.29%
Goa	1.02	0.27%
Karnataka	0.32	0.08%
Delhi	0.28	0.07%
Punjab	0.00	0.00%
Uttar Pradesh	0.00	0.00%
Uttarakhand	0.00	0.00%
Himachal Pradesh	0.00	0.00%
J & K	0.00	0.00%
UT Chandigarh	0.00	0.00%
Chattisgarh	0.00	0.00%
Daman and Diu	0.00	0.00%
Dadra & Nagar Haveli	0.00	0.00%
Pondicherry	0.00	0.00%
West Bengal	0.00	0.00%
Orissa	0.00	0.00%
Bihar	0.00	0.00%
Jharkhand	0.00	0.00%
Sikkim	0.00	0.00%
DVC	0.00	0.00%
Arunachal Pradesh	0.00	0.00%
Assam	0.00	0.00%
Manipur	0.00	0.00%
Meghalaya	0.00	0.00%
Mizoram	0.00	0.00%
Nagaland	0.00	0.00%
Tripura	0.00	0.00%
Total	377.31	100.00%
Volume of purchase by top 5 States	368.08	97.55%

Table-10: VOLUME OF ELECTRICITY EXPORT BY STATES THROUGH UI		
Name of the State/UT/Other Regional Entity	Volume of Export (MUs)	% of Volume
Chattisgarh	194.40	12.95%
Maharashtra	148.29	9.88%
Rajasthan	112.18	7.48%
DVC	104.76	6.98%
Delhi	102.67	6.84%
Punjab	102.26	6.81%
West Bengal	92.08	6.14%
Tamilnadu	85.57	5.70%
MP	69.43	4.63%
Assam	63.02	4.20%
Uttarakhand	57.86	3.86%
Himachal Pradesh	43.72	2.91%
Orissa	40.57	2.70%
Jharkhand	34.10	2.27%
Haryana	29.32	1.95%
Gujarat	27.92	1.86%
Uttar Pradesh	22.91	1.53%
Goa	22.44	1.50%
Andhra Pradesh	19.92	1.33%
J & K	19.08	1.27%
UT Chandigarh	16.69	1.11%
Tripura	13.44	0.90%
Meghalaya	12.14	0.81%
Manipur	10.73	0.71%
Kerala	8.46	0.56%
Daman and Diu	7.10	0.47%
Bihar	6.86	0.46%
Nagaland	5.17	0.34%
Karnataka	5.14	0.34%
Sikkim	5.14	0.34%
Pondicherry	5.04	0.34%
Arunachal Pradesh	4.45	0.30%
Mizoram	4.30	0.29%
Dadra & Nagar Haveli	3.51	0.23%
Total	1500.69	100.00%
Volume of Export by top 5 States	662.32	44.13%

Table-11: VOLUME OF ELECTRICITY IMPORT BY STATES THROUGH UI		
Name of the State/UT/Other Regional Entity	Volume of Import (MUs)	% of Volume
Uttar Pradesh	441.71	25.99%
Andhra Pradesh	154.13	9.07%
Karnataka	147.93	8.70%
Gujarat	136.64	8.04%
Haryana	107.78	6.34%
MP	99.60	5.86%
Tamilnadu	97.01	5.71%
Maharashtra	54.48	3.21%
J & K	50.47	2.97%
Dadra & Nagar Haveli	50.32	2.96%
Punjab	48.44	2.85%
Rajasthan	48.34	2.84%
Kerala	39.54	2.33%
Delhi	37.42	2.20%
Bihar	36.99	2.18%
West Bengal	24.48	1.44%
Daman and Diu	18.51	1.09%
Orissa	15.92	0.94%
DVC	15.51	0.91%
Uttarakhand	14.41	0.85%
Himachal Pradesh	9.99	0.59%
Arunachal Pradesh	7.44	0.44%
Jharkhand	6.72	0.40%
Pondicherry	6.41	0.38%
Chattisgarh	6.07	0.36%
Goa	6.43	0.38%
Sikkim	4.62	0.27%
Assam	4.21	0.25%
UT Chandigarh	2.95	0.17%
Meghalaya	2.42	0.14%
Nagaland	1.02	0.06%
Mizoram	0.65	0.04%
Manipur	0.63	0.04%
Tripura	0.31	0.02%
Total	1699.51	100.00%
Volume of Export by top 5 States	988.18	58.14%

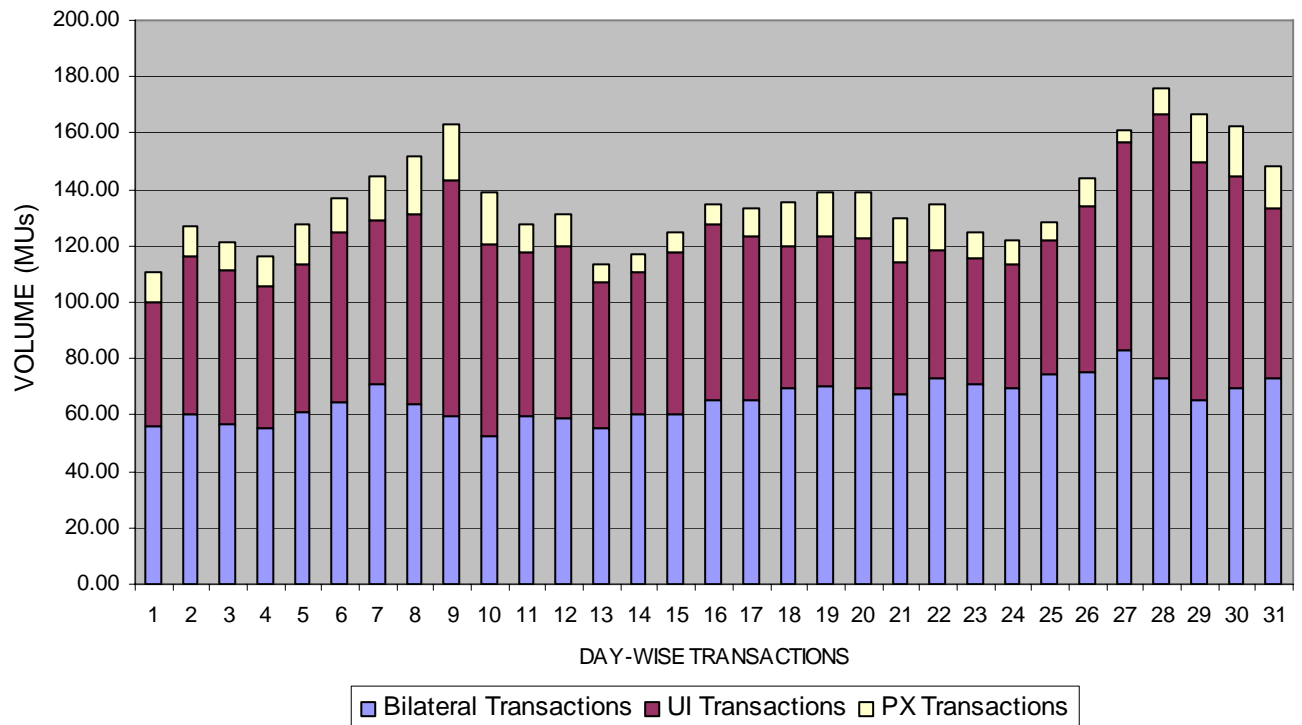
Table-12: TOTAL NET SHORT-TERM TRANSACTIONS (STATE-WISE)

Sr.No	Name of the State/UT/Other Regional Entity	Total short-term transactions*
1	Uttar Pradesh	527.54
2	Rajasthan	520.52
3	Andhra Pradesh	346.53
4	Maharashtra	293.91
5	Gujarat	264.80
6	MP	261.63
7	Haryana	200.49
8	J & K	69.04
9	Dadra & Nagar Haveli	46.80
10	Tamilnadu	42.94
11	Bihar	30.14
12	Daman and Diu	11.40
13	Kerala	7.89
14	Goa	5.99
15	Pondicherry	1.37
16	Sikkim	-0.52
17	Manipur	-10.09
18	Mizoram	-10.25
19	UT Chandigarh	-13.74
20	Meghalaya	-18.48
21	Arunachal Pradesh	-19.42
22	Nagaland	-19.84
23	Jharkhand	-27.38
24	Tripura	-36.58
25	Karnataka	-51.38
26	Orissa	-55.72
27	Assam	-65.01
28	DVC	-89.78
29	Uttarakhand	-91.19
30	Delhi	-135.23
31	Himachal Pradesh	-174.56
32	Punjab	-180.07
33	West Bengal	-382.39
34	Chattisgarh	-511.56

* Total net short-term transactions includes net of transactions through bilateral, power exchange and UI

(-) indicates sale and (+) indicates purchase

VOLUME OF SHORT TERM TRANSACTIONS OF ELECTRICITY - OCT '08



PRICE OF SHORT TERM TRANSACTIONS OF ELECTRICITY - OCT '08

