

**Comparison of Key Statistics in Monthly MMC Reports**

S.No.	Particular	Aug-23	Jul-24	Aug-24	Change over the Month (Jul-24 to Aug-24)	Change over the Year (Aug-23 to Aug-24)
<b>I</b>	<b>Generation and Transaction</b>					
1	Total Generation (MU)	137504.77	134849.67	132023.46 (P)	-2.10%	-3.99%
2	Total Short-Term Transactions (MU)	21336.23	23371.54	23939.11	2.43%	12.20%
2.1	Bilateral (MU)	12295.02	11021.06	11534.33	4.66%	-6.19%
2.2	Through Power Exchanges (MU)	6804.76	9377.91	9054.75	-3.45%	33.06%
3	DSM Volume (MU)	2236.45	2972.57	3350.04	12.70%	49.79%
4	Short Term Transactions & DSM as percentage of Total Generation	15.52%	17.33%	18.13%	0.80%	2.62%
5	Share of Top 5 Trading Licensees	75.63%	80.79%	80.78%	-0.01%	5.14%
6	HHI Index for Traders	0.1373	0.1773	0.1669		
<b>II</b>	<b>Volume, Price and Congestion</b>					
	<b>A. Bilateral Market</b>					
7	Weighted Average Price (Rs/kWh)	6.64	6.60	6.70	1.56%	0.97%
	<b>B. Power Exchanges</b>					
	<b>a. IEX</b>					
	<b>i. Day Ahead Market</b>					
8	Market Clearing Volume (MU)	3881.41	5070.64	4711.98	-7.07%	21.40%
9	Weighted Average Price (Rs/kWh)	6.43	4.55	4.13	-9.22%	-35.71%
10	Ratio of Buy Bid to Sell Bid Volume	1.59	0.87	0.68		
11	Congestion Percentage	0.00%	14.72%	3.63%		
	<b>ii. Term Ahead Market</b>					
12	Volume of Transactions (MU)	1674.14	711.81	885.84	24.45%	-47.09%
13	Weighted Average Price (Rs/kWh)	7.45	7.40	6.86	-7.36%	-7.92%
	<b>iii. Real Time Market</b>					
14	Market Clearing Volume (MU)	2738.05	3333.89	3484.86	4.53%	27.28%
15	Weighted Average Price (Rs/kWh)	6.07	4.30	3.32	-22.73%	-45.28%
16	Ratio of Buy Bid to Sell Bid Volume	2.29	1.05	0.63		
17	Congestion Percentage	0.17%	18.68%	7.02%		
	<b>iv. Green Term Ahead Market</b>					
18	Volume of Transactions (MU)	82.57	17.57	21.70	23.45%	-73.72%
19	Weighted Average Price (Rs/kWh)	6.53	6.34	6.34	0.00%	-2.80%
	<b>v. Green Day Ahead Market</b>					
20	Market Clearing Volume (MU)	162.71	968.48	851.47	-12.08%	423.32%
21	Weighted Average Price (Rs/kWh)	6.19	4.29	3.69	-13.93%	-40.35%

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22	Ratio of Buy Bid to Sell Bid Volume	6.02	2.13	2.39		
23	Congestion Percentage	0.00%	7.59%	2.82%		
<b>vi. High Price Day Ahead Market</b>						
24	Market Clearing Volume (MU)	4.23	0.20	0.00	-100.00%	-100.00%
25	Weighted Average Price (Rs/kWh)	15.49	15.00	-	-	-
26	Ratio of Buy Bid to Sell Bid Volume	0.03	0.000	0.000		
27	Congestion Percentage	0.00%	0.00%	0.00%		
<b>vii. High Price Term Ahead Market</b>						
28	Volume of Transactions (MU)	NA	2.21	6.78	206.50%	-
29	Weighted Average Price (Rs/kWh)	NA	15.00	15.00	0.00%	-
<b>b. PXIL</b>						
<b>i. Day Ahead Market</b>						
30	Market Clearing Volume (MU)	16.34	0.00	0.00	-	-100.00%
31	Weighted Average Price (Rs/kWh)	9.33	-	-	-	-
32	Ratio of Buy Bid to Sell Bid Volume	0.75	0.02	0.04		
33	Congestion Percentage	0.00%	0.00%	0.00%		
<b>ii. Term Ahead Market</b>						
34	Volume of Transactions (MU)	1103.48	727.12	776.23	6.75%	-29.66%
35	Weighted Average Price (Rs/kWh)	7.65	7.85	7.12	-9.27%	-6.84%
<b>iii. Real Time Market</b>						
36	Market Clearing Volume (MU)	0.63	0.98	4.70	381.63%	641.44%
37	Weighted Average Price (Rs/kWh)	10.00	10.00	9.09	-9.15%	-9.15%
38	Ratio of Buy Bid to Sell Bid Volume	1.61	1.52	0.19		
39	Congestion Percentage	0.00%	0.20%	0.64%		
<b>iv. Green Term Ahead Market</b>						
40	Volume of Transactions (MU)	29.44	8.42	41.98	398.77%	42.61%
41	Weighted Average Price (Rs/kWh)	6.80	4.49	5.46	21.57%	-19.74%
<b>v. Green Day Ahead Market</b>						
42	Market Clearing Volume (MU)	0.00	0.00	0.00	-	-
43	Weighted Average Price (Rs/kWh)	-	-	-	-	-
44	Ratio of Buy Bid to Sell Bid Volume	0.00	0.00	0.00		
45	Congestion Percentage	0.00	0.00%	0.00%		
<b>vi. High Price Day Ahead Market</b>						

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46	Market Clearing Volume (MU)	NA	0.00	0.00	-	-
47	Weighted Average Price (Rs/kWh)	NA	-	-	-	-
48	Ratio of Buy Bid to Sell Bid Volume	NA	0.00	0.00		
49	Congestion Percentage	NA	0.00%	0.00%		
<b>vii. High Price Term Ahead Market</b>						
50	Volume of Transactions (MU)	NA	16.06	7.86	-51.04%	-
51	Weighted Average Price (Rs/kWh)	NA	15.00	16.85	12.31%	-
<b>c. HPX</b>						
<b>i. Day Ahead Market</b>						
52	Market Clearing Volume (MU)	0.27	0.00	0.00	-	-100.00%
53	Weighted Average Price (Rs/kWh)	10.00	-	-	-	-
54	Ratio of Buy Bid to Sell Bid Volume	1.01	0.00	0.00		
55	Congestion Percentage	0.00%	0.00%	0.00%		
<b>ii. Term Ahead Market</b>						
56	Volume of Transactions (MU)	1378.30	401.68	351.74	-12.43%	-74.48%
57	Weighted Average Price (Rs/kWh)	7.50	7.80	8.73	11.95%	16.39%
<b>iii. Real Time Market</b>						
58	Market Clearing Volume (MU)	1.13	3.73	1.76	-52.91%	55.63%
59	Weighted Average Price (Rs/kWh)	10.00	9.93	10.00	0.67%	0.00%
60	Ratio of Buy Bid to Sell Bid Volume	1.22	2.85	1.07		
61	Congestion Percentage	0.00%	1.51%	0.47%		
<b>iv. Green Term Ahead Market</b>						
62	Volume of Transactions (MU)	78.87	113.26	91.64	-19.09%	16.20%
63	Weighted Average Price (Rs/kWh)	6.58	4.43	3.84	-13.44%	-41.66%
<b>v. Green Day Ahead Market</b>						
64	Market Clearing Volume (MU)	0.00	0.00	0.00	-	-
65	Weighted Average Price (Rs/kWh)	-	-	-	-	-
66	Ratio of Buy Bid to Sell Bid Volume	0.00	0.00	0.00		
67	Congestion Percentage	0.00%	0.00%	0.00%		
<b>vi. High Price Day Ahead Market</b>						
68	Market Clearing Volume (MU)	NA	0.00	0.00	-	-
69	Weighted Average Price (Rs/kWh)	NA	-	-	-	-
70	Ratio of Buy Bid to Sell Bid Volume	NA	0.00	0.00		

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71	Congestion Percentage	NA	0.00%	0.00%		
	<b>v. High Price Term Ahead Market</b>					
72	Volume of Transactions (MU)	216.13	0.00	0.00	-	-100.00%
73	Weighted Average Price (Rs/kWh)	15.60	-	-	-	-
	<b>C. DSM</b>					
74	Average Deviation Charge (Rs/kWh)	7.40	5.42	4.56	-15.84%	-38.32%
<b>III</b>	<b>REC Market</b>					
75	REC Clearing Volume on IEX	252661	3150109	2115838	-32.83%	737.42%
76	REC Clearing Volume on PXIL	80779	2176332	1833622	-15.75%	2169.92%
77	REC Clearing Volume on HPX	477	1400	118785	8384.64%	24802.52%
78	REC Clearing Price (Rs/MWh) (Weighted Average for All Power Exchanges)	568	122	116	-4.89%	-79.57%
79	Volume through Traders (Bilateral)	169548	44460	39814	-10.45%	-76.52%
80	Sale Price through Traders (Bilateral) (Rs/MWh)	581	150	121	-19.23%	-79.18%
<b>IV</b>	<b>Cross Border trade through Power Exchange</b>					
	<b>A. Nepal</b>					
	<b>a. Day Ahead Market</b>					
81	Sale Volume (MU)	269.61	360.64	399.21	10.69%	48.07%
82	Weighted Average Price of Volume Sold (Rs/kWh)	6.98	5.01	4.34	-13.43%	-37.82%
83	Purchase Volume (MU)	0.11	0	0.00	-	-100.00%
84	Weighted Average Price of Volume Purchased (Rs/kWh)	3.63	-	-	-	-
85	Net Volume (MU)	-269.50	-360.64	-399.21	10.69%	48.13%
	<b>b. Real Time Market</b>					
86	Sale Volume (MU)	NA	28.08	7.77	-72.32%	-
87	Weighted Average Price of Volume Sold (Rs/kWh)	NA	3.71	2.07	-44.21%	-
88	Purchase Volume (MU)	NA	0.00	0.00	-	-
89	Weighted Average Price of Volume Purchased (Rs/kWh)	NA	-	-	-	-
90	Net Volume (MU)	NA	-28.08	-7.77	-72.32%	-
	<b>B. Bhutan</b>					
	<b>a. Day Ahead Market</b>					
91	Sale Volume (MU)	0	59.89	55.02	-8.13%	-
92	Weighted Average Price of Volume Sold (Rs/kWh)	0	5.39	4.82	-10.55%	-
93	Purchase Volume (MU)	0	0.00	0.00	-	-
94	Weighted Average Price of Volume Purchased (Rs/kWh)	0	-	-	-	-

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95	Net Volume (MU)	0	-59.89	-55.02	-8.13%	-
<b>b. Real Time Market</b>						
96	Sale Volume (MU)	NA	0.71	1.18	66.34%	-
97	Weighted Average Price of Volume Sold (Rs/kWh)	NA	4.20	6.50	54.85%	-
98	Purchase Volume (MU)	NA	0.00	0.00	-	-
99	Weighted Average Price of Volume Purchased (Rs/kWh)	NA	-	-	-	-
100	Net Volume (MU)	NA	-0.71	-1.18	66.34%	-